

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002782.D
 Acq On : 21 Jun 2018 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/22/2018 1:59:15 PM

Quant Time: Jun 22 01:18:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161150	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
35) Dibromofluoromethane	5.51	113	130619	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.72	98	469817	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.14	95	186794	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	115487	44.32	ug/l	98
3) Chloromethane	1.32	50	127484	41.13	ug/l	100
4) Vinyl Chloride	1.40	62	137467	42.74	ug/l	99
5) Bromomethane	1.64	94	60369	31.11	ug/l	100
6) Chloroethane	1.71	64	90755	42.81	ug/l	96
7) Trichlorofluoromethane	1.93	101	247443	47.35	ug/l	99
8) Diethyl Ether	2.19	74	86934	43.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140872	48.23	ug/l	99
10) Methyl Iodide	2.51	142	121960	32.92	ug/l	99
11) Tert butyl alcohol	3.07	59	156110	202.47	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123211	44.93	ug/l	98
13) Acrolein	2.29	56	128654	353.03	ug/l	100
14) Allyl chloride	2.73	41	243085	44.64	ug/l	98
15) Acrylonitrile	3.15	53	364118	216.42	ug/l	99
16) Acetone	2.45	43	408031	247.97	ug/l	98
17) Carbon Disulfide	2.57	76	341297	52.47	ug/l	99
18) Methyl Acetate	2.78	43	207531	47.34	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	446225	43.37	ug/l	97
20) Methylene Chloride	2.85	84	138481	41.05	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	133471	44.86	ug/l	95
22) Diisopropyl ether	3.87	45	471931	47.91	ug/l	95
23) Vinyl Acetate	3.82	43	2070869	251.16	ug/l	100
24) 1,1-Dichloroethane	3.70	63	256462	47.97	ug/l	100
25) 2-Butanone	4.71	43	537047	248.52	ug/l	97
26) 2,2-Dichloropropane	4.59	77	201232	52.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147773	48.82	ug/l	96
28) Bromochloromethane	5.02	49	116373	46.48	ug/l	95
29) Tetrahydrofuran	5.17	42	332105	234.50	ug/l	98
30) Chloroform	5.21	83	258736	50.18	ug/l	99
31) Cyclohexane	5.57	56	224984	51.11	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	229749	53.28	ug/l	100
36) 1,1-Dichloropropene	5.80	75	191252	55.08	ug/l	99
37) Ethyl Acetate	4.86	43	202359	51.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	211325	61.12	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235315	57.97	ug/l	98
40) Benzene	6.15	78	553183	53.13	ug/l	98
41) Methacrylonitrile	5.06	41	115218	51.93	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218196	54.13	ug/l	100
43) Isopropyl Acetate	6.46	43	333911	51.28	ug/l	99
44) Trichloroethene	7.21	130	163199	54.31	ug/l	96
45) 1,2-Dichloropropane	7.52	63	147327	53.77	ug/l	99
46) Dibromomethane	7.67	93	101141	55.18	ug/l	98
47) Bromodichloromethane	7.90	83	195529	60.48	ug/l	98
48) Methyl methacrylate	7.78	41	177975	53.49	ug/l	97
49) 1,4-Dioxane	7.76	88	63280	1004.28	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1097211	262.45	ug/l	100
52) Toluene	8.79	92	364029	54.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226700	52.83	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	211523	51.70	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	147594	55.00	ug/l	98
56) Ethyl methacrylate	9.18	69	218426	52.89	ug/l	97
57) 1,3-Dichloropropane	9.37	76	241260	53.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	521008	260.84	ug/l	98
59) 2-Hexanone	9.50	43	858400	272.49	ug/l	98
60) Dibromochloromethane	9.59	129	162204	53.45	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159137	57.26	ug/l	99
64) Tetrachloroethene	9.34	164	189032	53.10	ug/l	97
65) Chlorobenzene	10.14	112	423393	53.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	157463	58.64	ug/l	99
67) Ethyl Benzene	10.26	91	725507	54.61	ug/l	100
68) m/p-Xylenes	10.36	106	571478	111.51	ug/l	100
69) o-Xylene	10.70	106	273116	54.24	ug/l	99
70) Styrene	10.71	104	455958	55.06	ug/l	99
71) Bromoform	10.86	173	127323	51.88	ug/l #	99
73) Isopropylbenzene	11.02	105	752618	53.41	ug/l	100
74) N-amyl acetate	6.46	43	333911	47.69	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	222184	53.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	193142m	48.58	ug/l	
77) Bromobenzene	11.26	156	205700	52.39	ug/l	98
78) n-propylbenzene	11.37	91	871808	53.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	509664	52.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	643502	54.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60537	48.83	ug/l	94
82) 4-Chlorotoluene	11.51	91	612343	53.78	ug/l	99
83) tert-Butylbenzene	11.77	119	617498	53.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	664168	54.65	ug/l	99
85) sec-Butylbenzene	11.95	105	767709	53.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	707933	54.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	384510	53.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387526	52.90	ug/l	99
89) n-Butylbenzene	12.39	91	624785	54.87	ug/l	100
90) Hexachloroethane	12.60	117	104128	51.66	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	385028	53.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48953	56.16	ug/l	97

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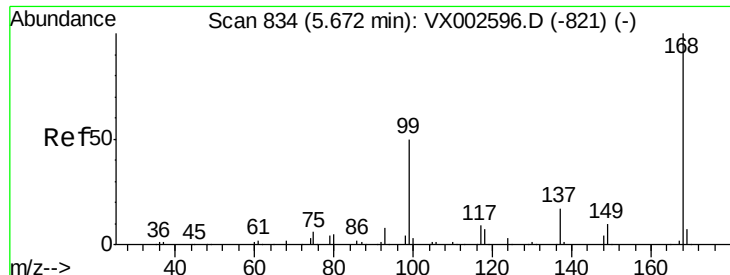
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286684	54.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	153223	55.31	ug/l	99
95) Naphthalene	13.84	128	760548	53.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284554	53.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 245431

Ion Ratio Lower Upper

168 100

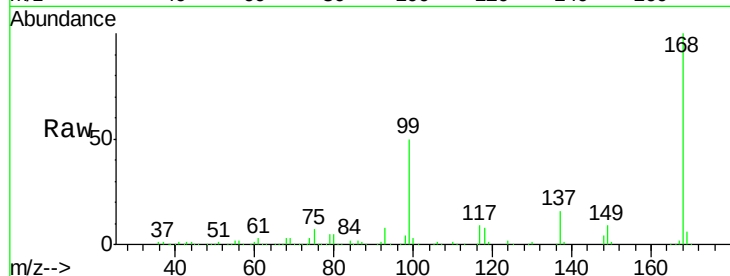
99 50.2 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

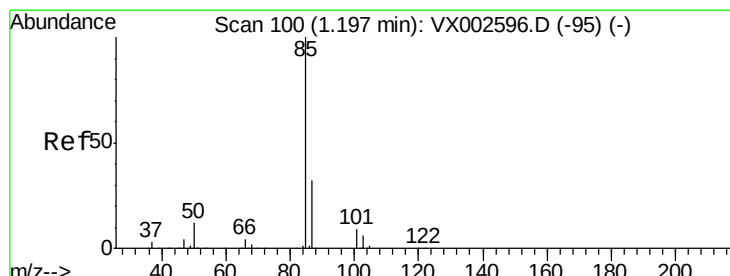
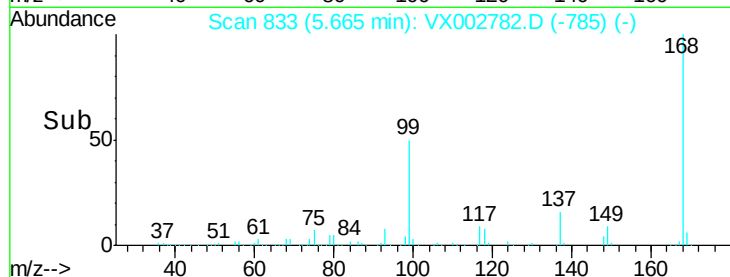
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002782.D

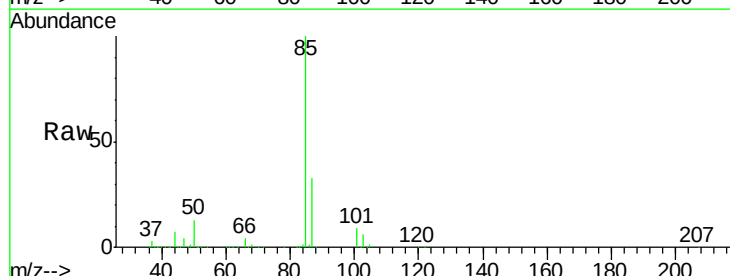
Acq: 21 Jun 2018 10:32

Tgt Ion: 85 Resp: 115487

Ion Ratio Lower Upper

85 100

87 32.9 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

120000

100000

80000

60000

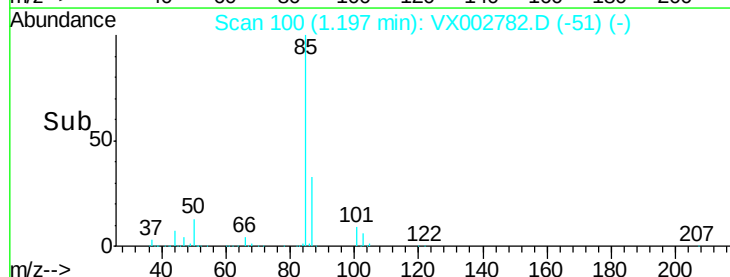
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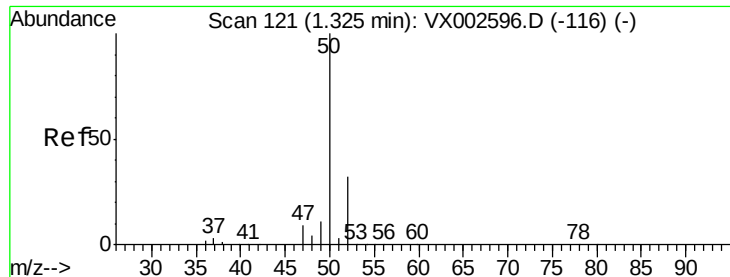
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.13 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 127484

Ion Ratio Lower Upper

50 100

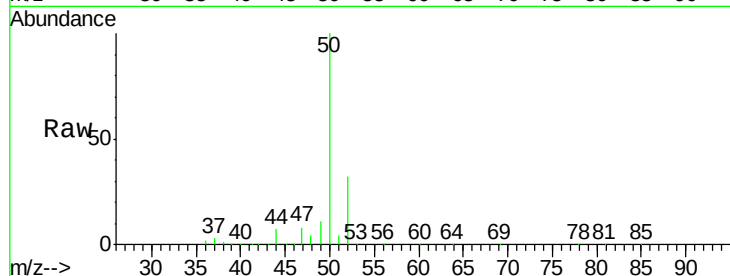
52 31.8 25.7 38.5

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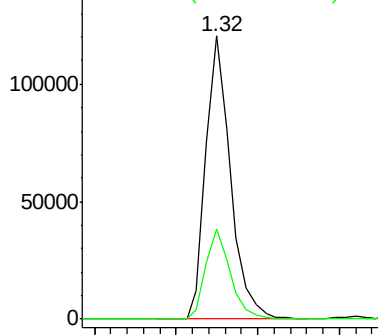
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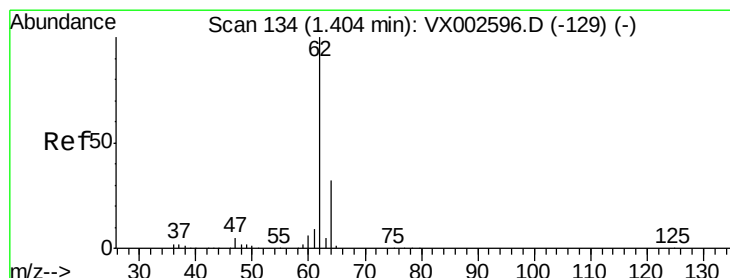
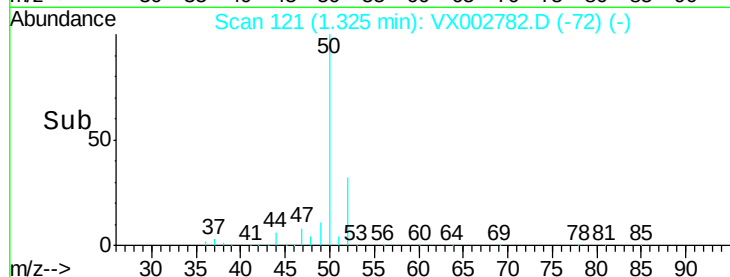


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 42.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002782.D

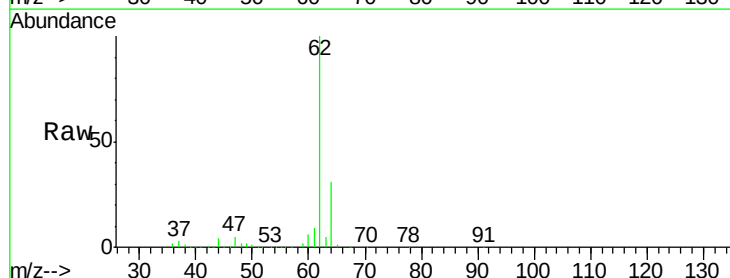
Acq: 21 Jun 2018 10:32

Tgt Ion: 62 Resp: 137467

Ion Ratio Lower Upper

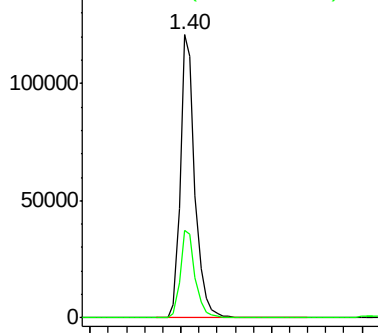
62 100

64 31.1 25.4 38.2

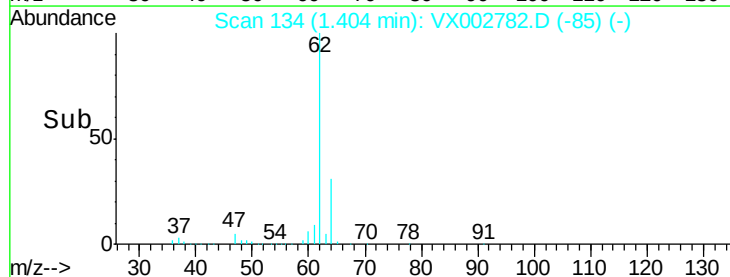


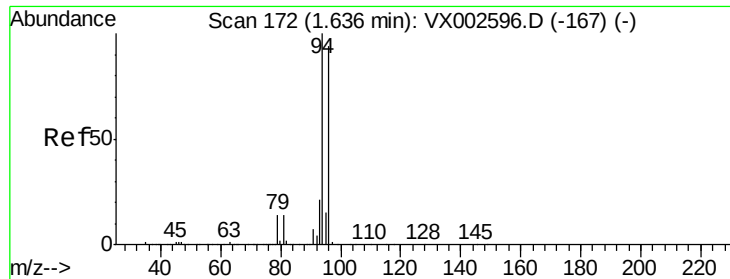
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 31.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60369

Ion Ratio Lower Upper

94 100

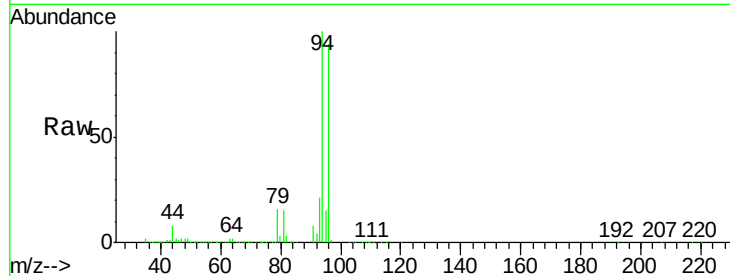
96 93.6 74.9 112.3

Manual Integrations

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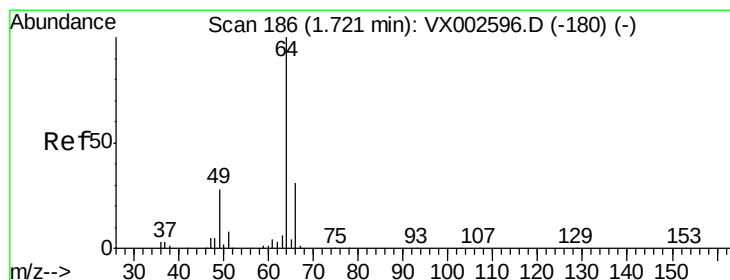
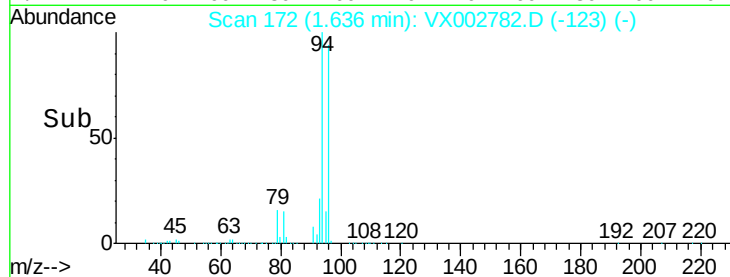
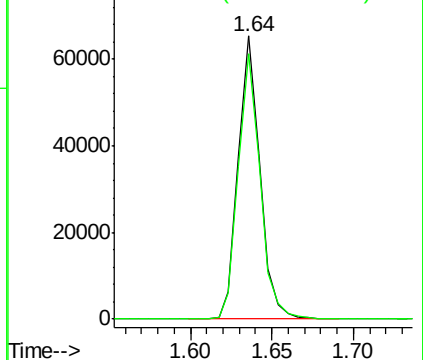
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.81 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002782.D

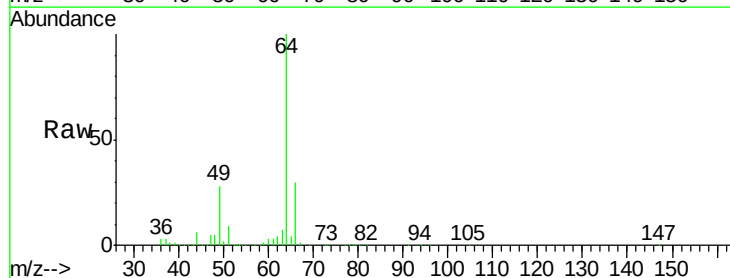
Acq: 21 Jun 2018 10:32

Tgt Ion: 64 Resp: 90755

Ion Ratio Lower Upper

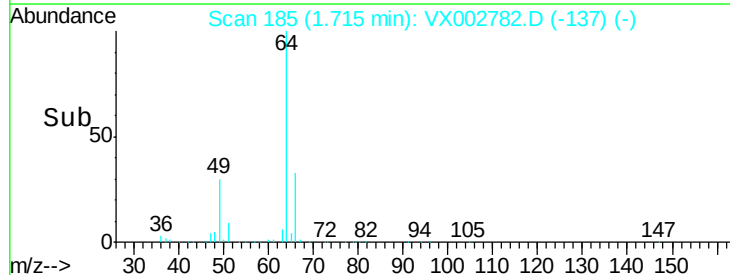
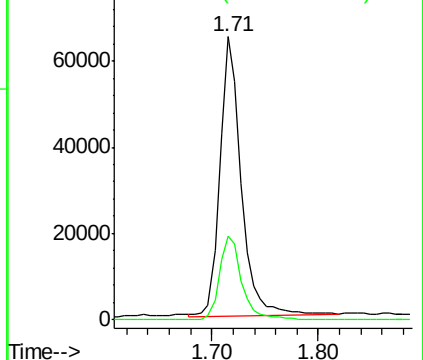
64 100

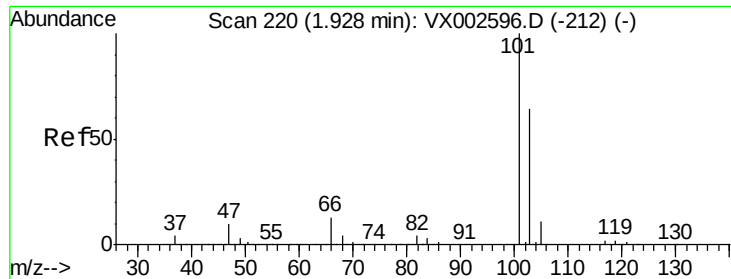
66 29.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

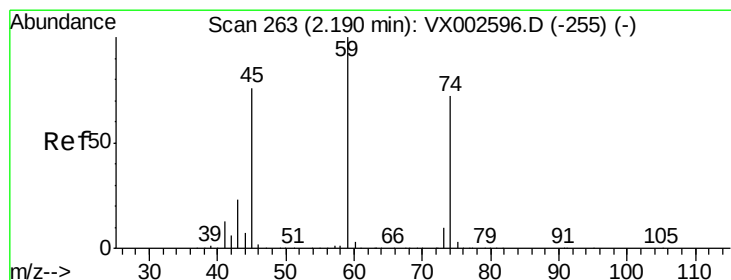
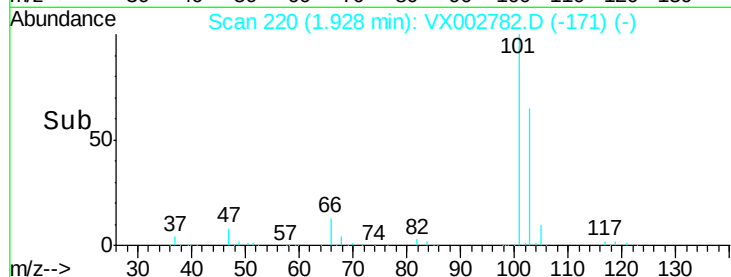
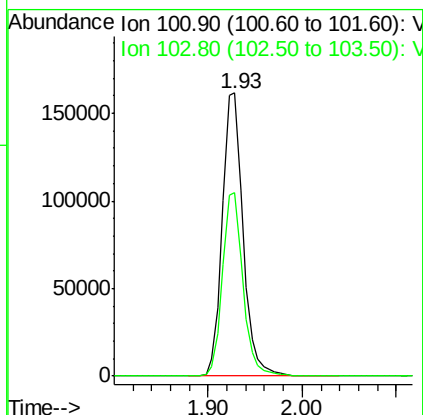
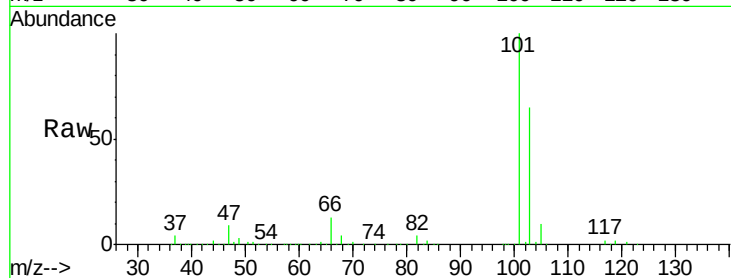
Trichlorofluoromethane
 Concen: 47.35 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

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 VSTDCCC050

Tot Ion:101 Resp: 247443
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2

Manual Integrations
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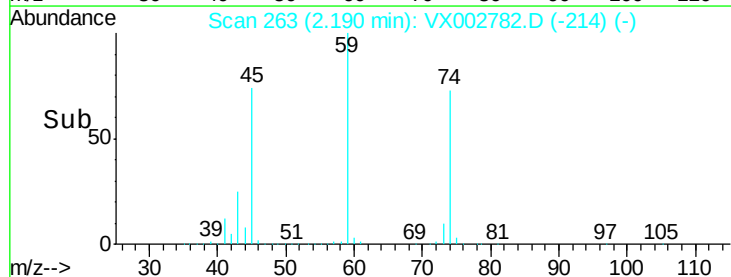
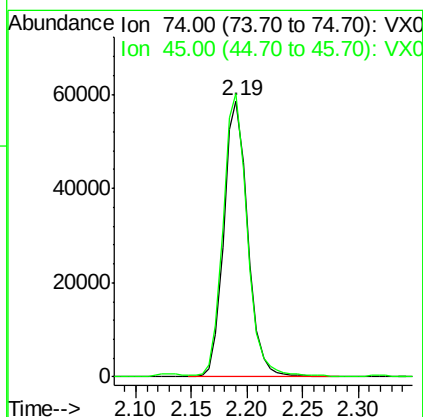
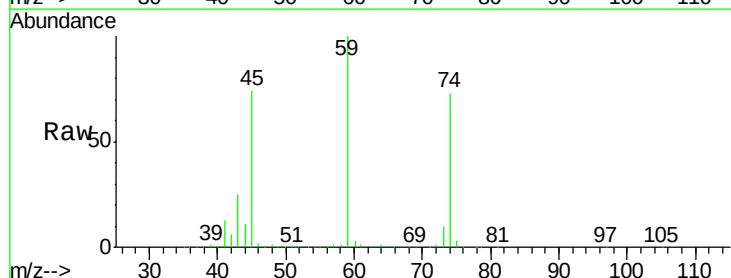
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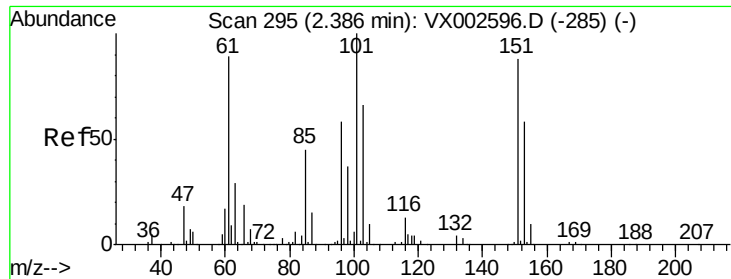


#8

Diethyl Ether
 Concen: 43.74 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion: 74 Resp: 86934
 Ion Ratio Lower Upper
 74 100
 45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.23 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

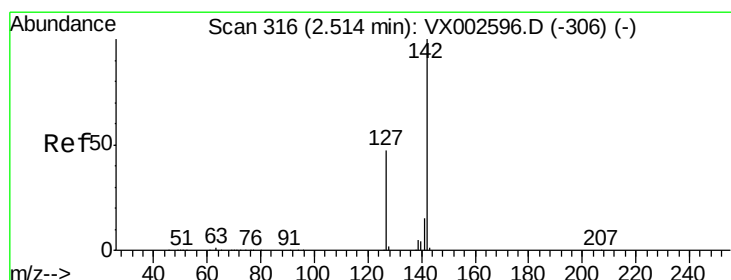
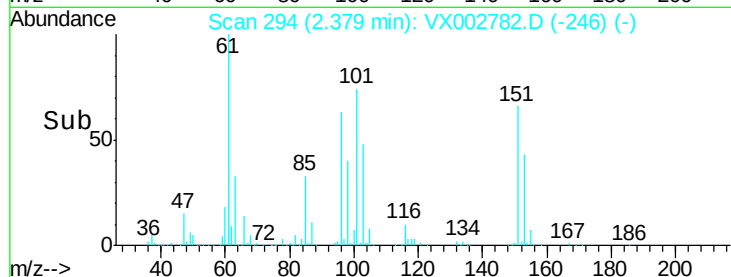
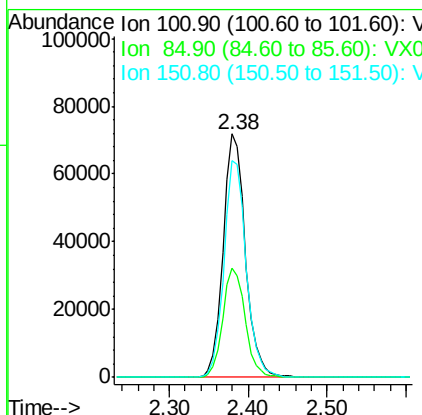
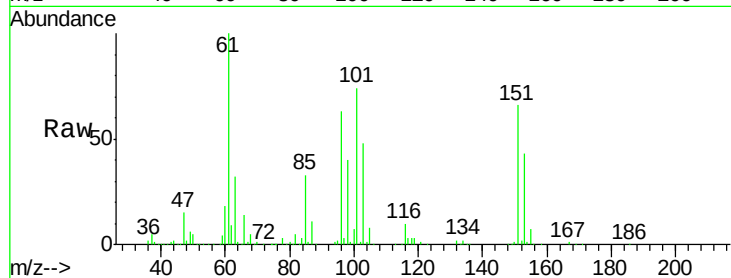
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140872
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	89.3	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 32.92 ug/l

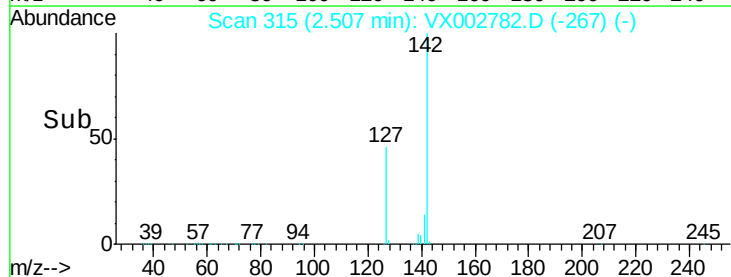
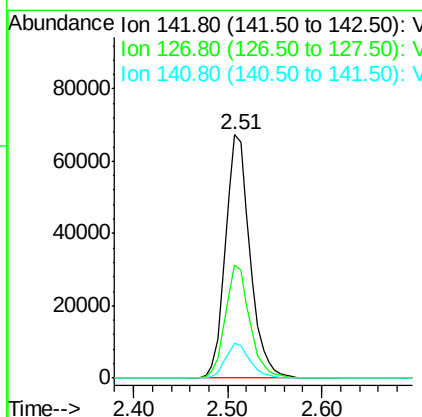
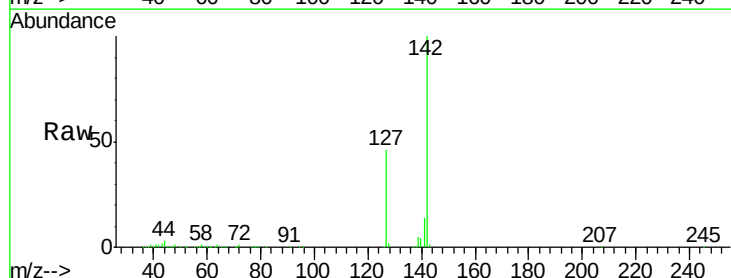
RT: 2.51 min Scan# 315

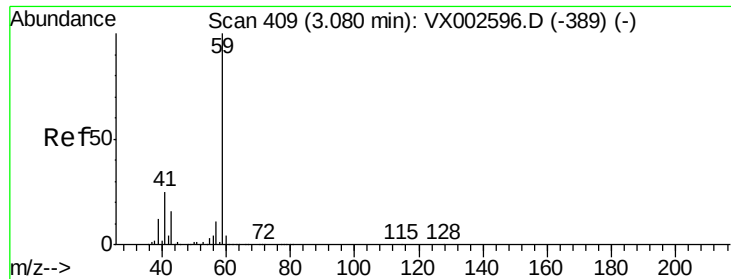
Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion:	142	Resp:	121960
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.6	55.0
141	14.5	11.3	16.9





#11

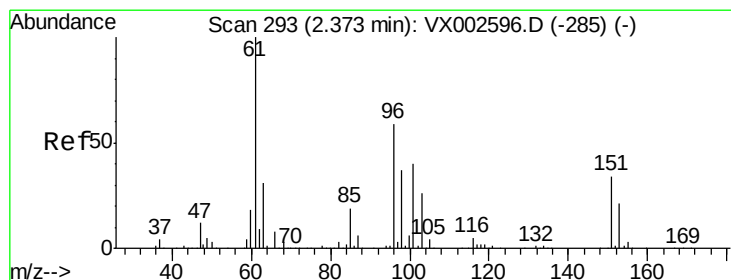
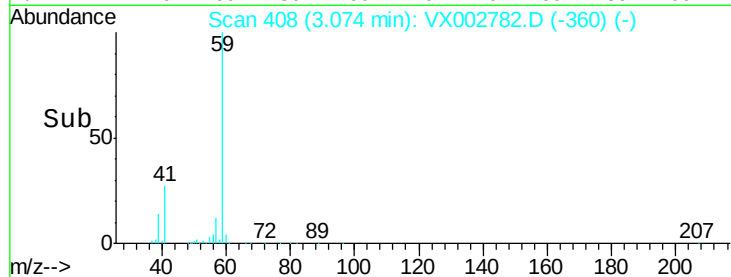
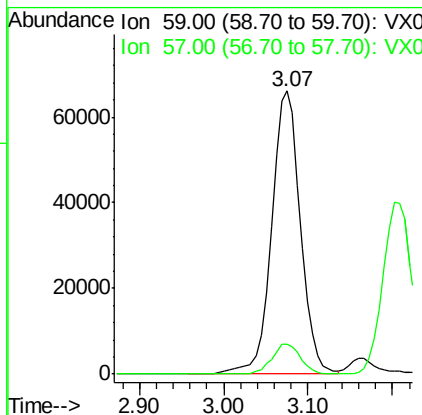
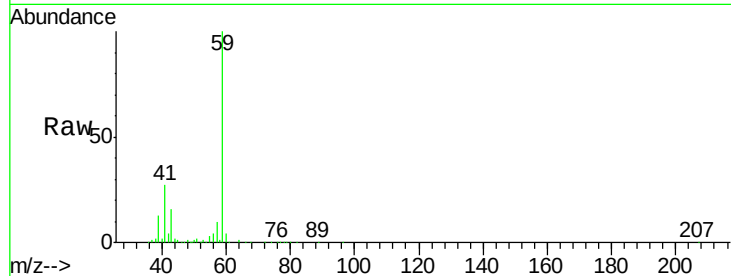
Tert butyl alcohol
Concen: 202.47 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	156110
Ion Ratio	Lower	Upper	
59	100		
57	10.7	8.2	12.2

Manual Integrations
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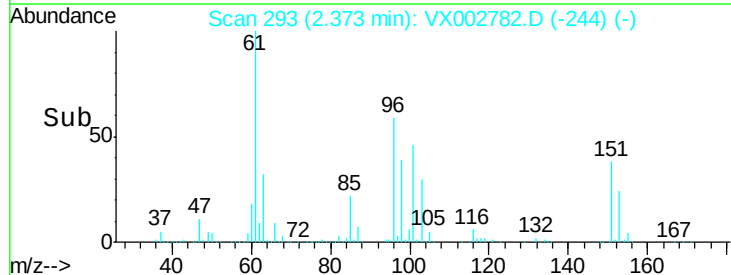
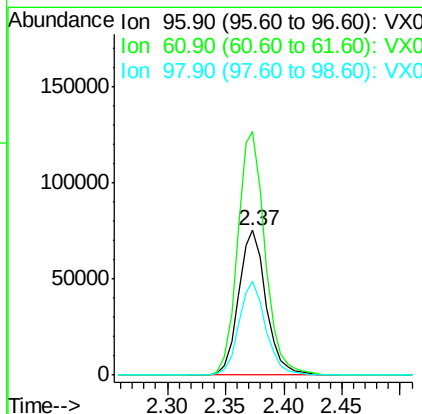
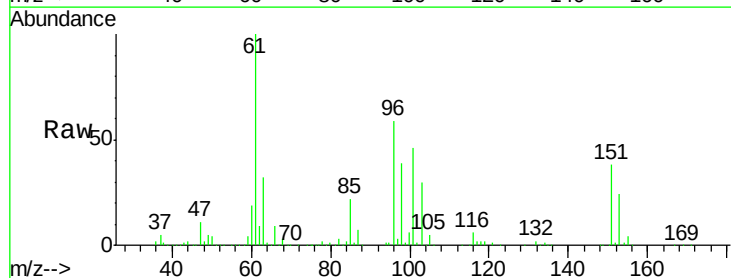
apatel
6/22/2018 1:59:15 PM

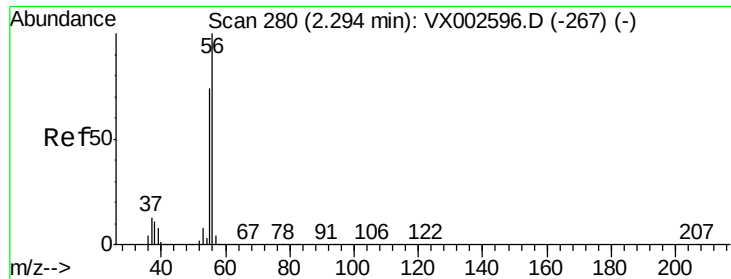


#12

1,1-Dichloroethene
Concen: 44.93 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	96	Resp	123211
Ion Ratio	Lower	Upper	
96	100		
61	168.1	137.9	206.9
98	65.1	51.6	77.4





#13

Acrolein

Concen: 353.03 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 128654

Ion Ratio Lower Upper

56 100

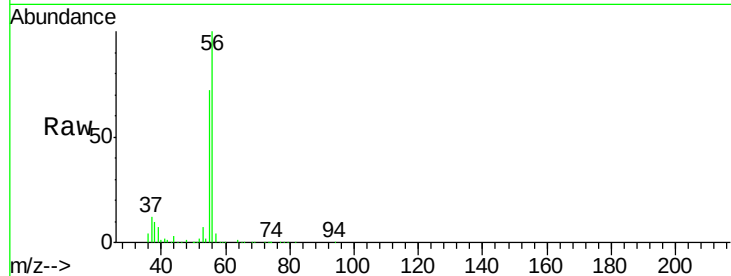
55 71.3 57.0 85.4

Manual Integrations

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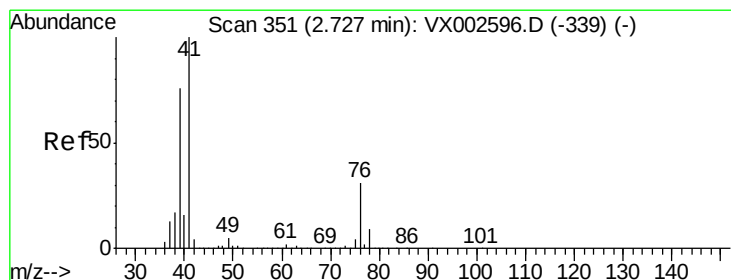
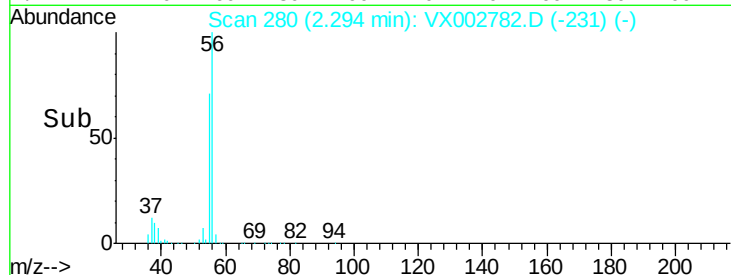
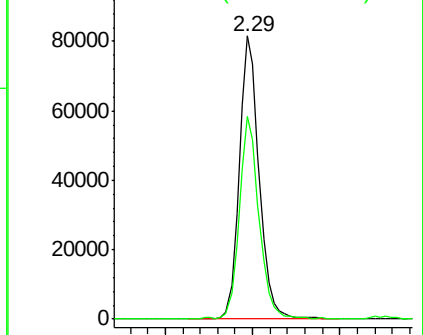
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

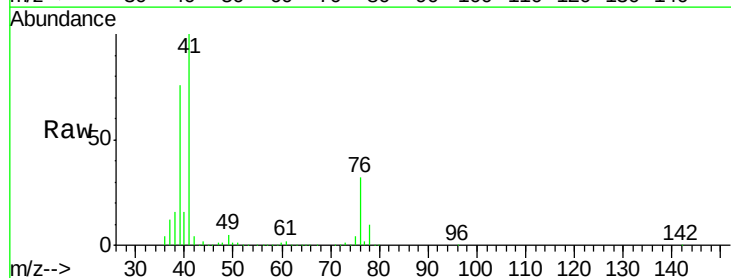
Tgt Ion: 41 Resp: 243085

Ion Ratio Lower Upper

41 100

39 72.6 56.8 85.2

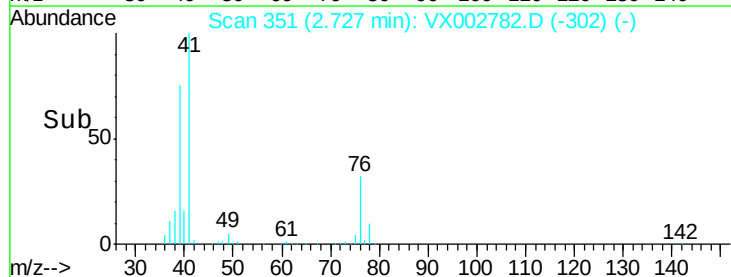
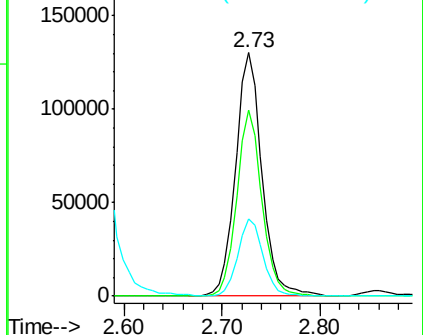
76 30.4 23.8 35.8

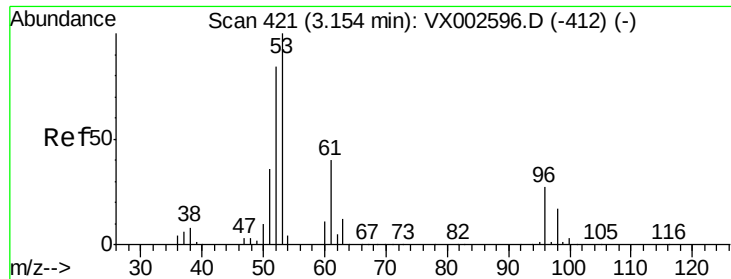


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 216.42 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

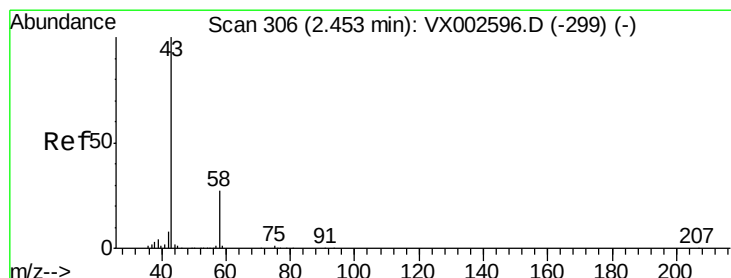
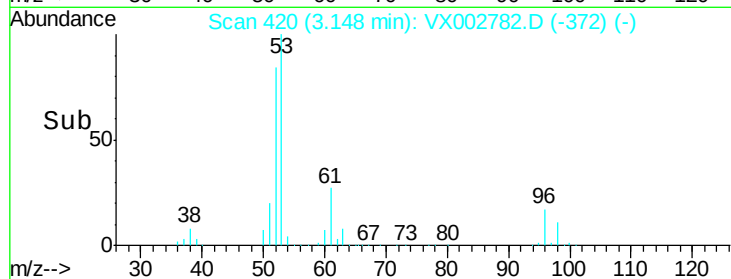
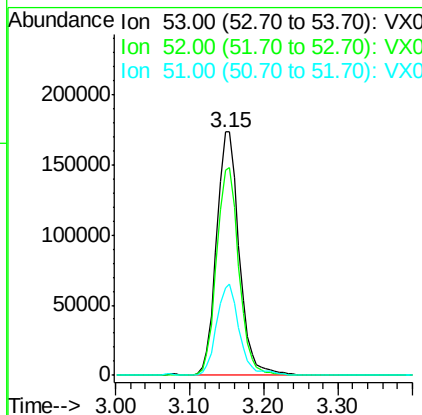
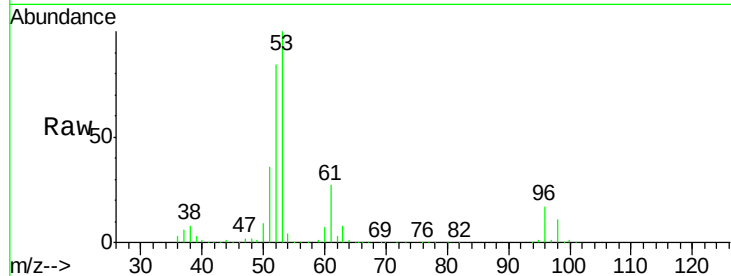
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	364118
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 247.97 ug/l

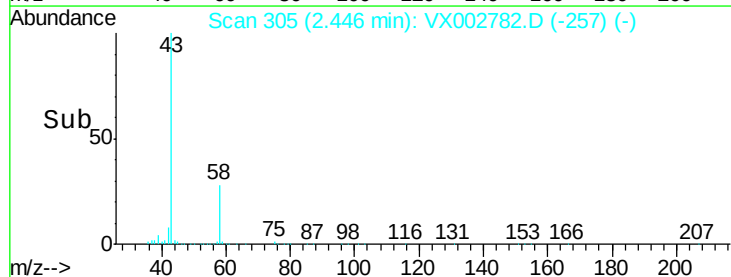
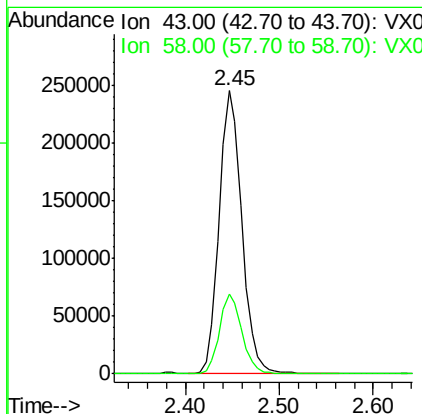
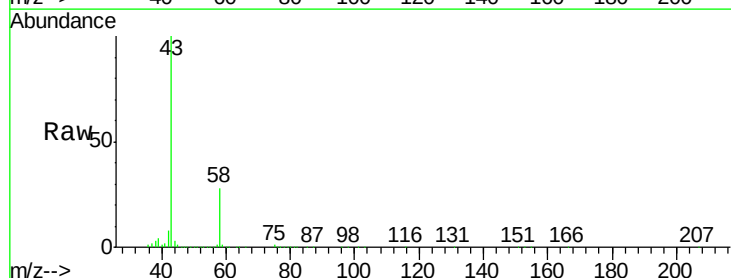
RT: 2.45 min Scan# 305

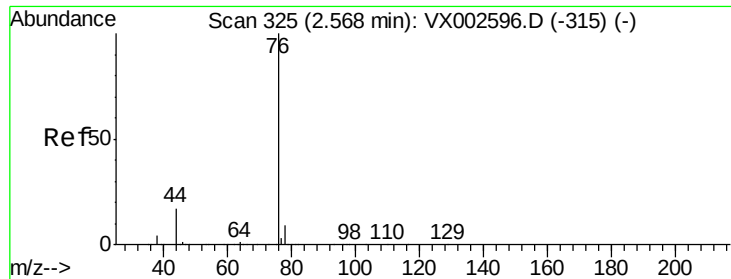
Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion:	43	Resp:	408031
Ion Ratio	Lower	Upper	
43	100		
58	28.4	22.1	33.1





#17

Carbon Disulfide

Concen: 52.47 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 341297

Ion Ratio Lower Upper

76 100

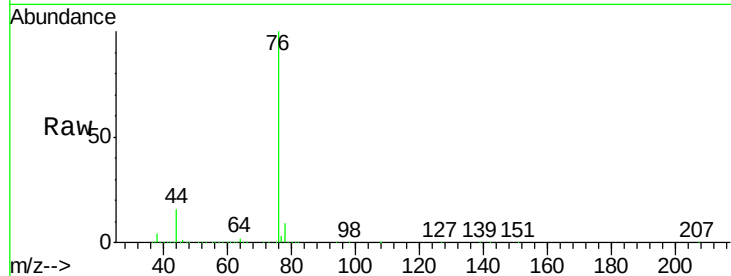
78 9.0 6.9 10.3

Manual Integrations

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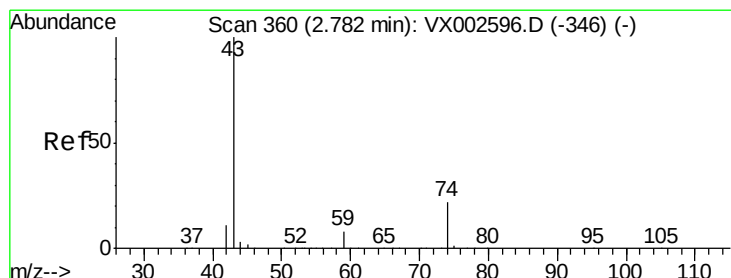
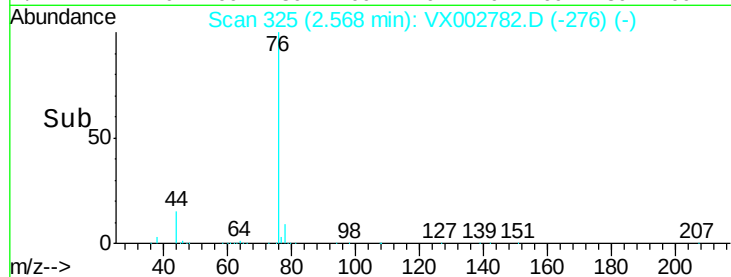
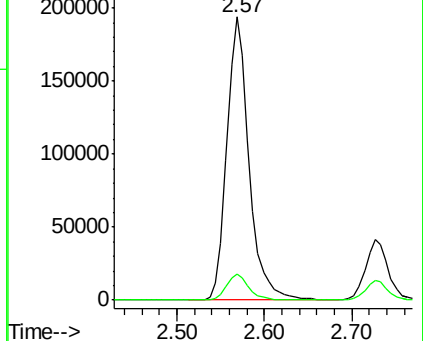
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.34 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002782.D

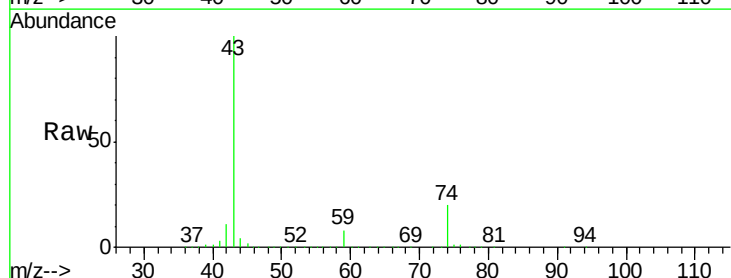
Acq: 21 Jun 2018 10:32

Tgt Ion: 43 Resp: 207531

Ion Ratio Lower Upper

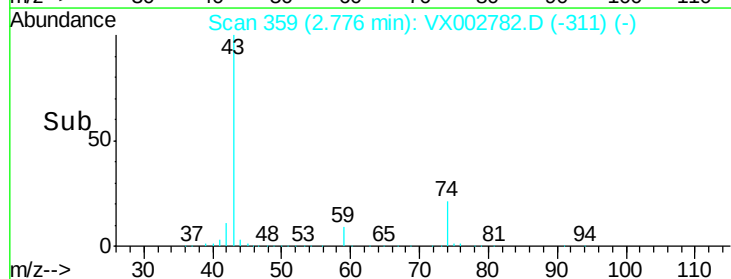
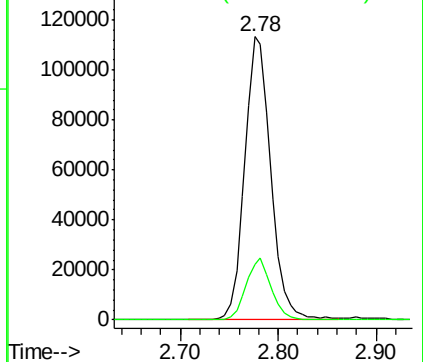
43 100

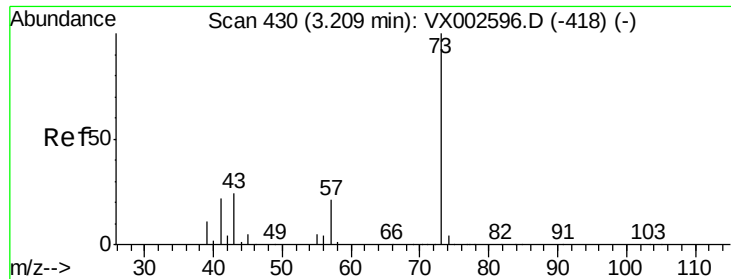
74 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





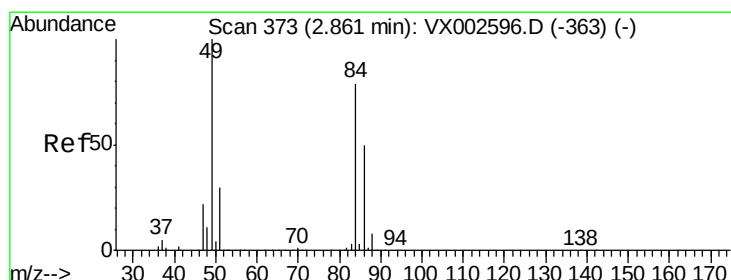
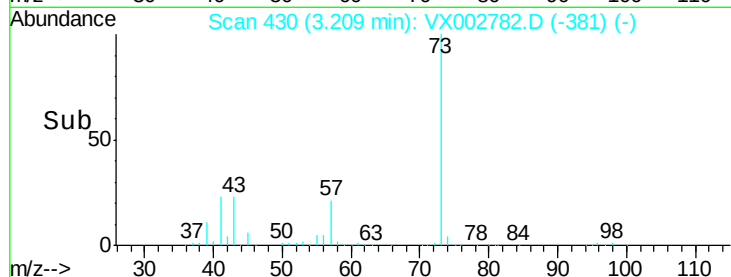
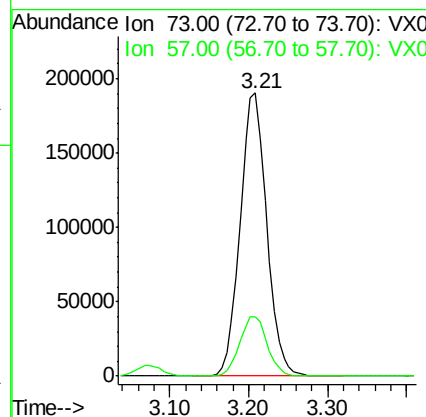
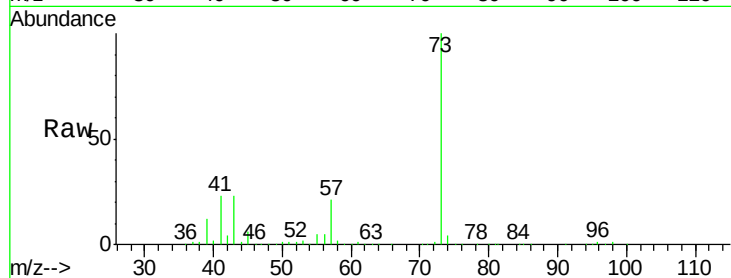
#19
Methyl tert-butyl Ether
Concen: 43.37 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 446225
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5

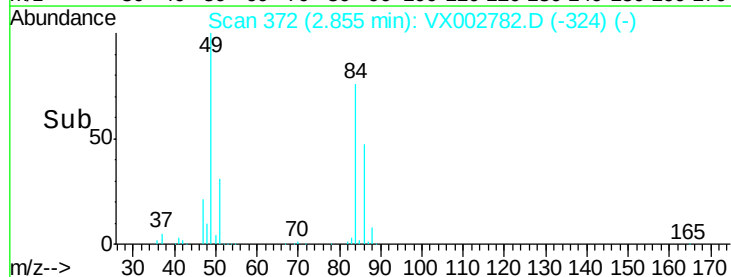
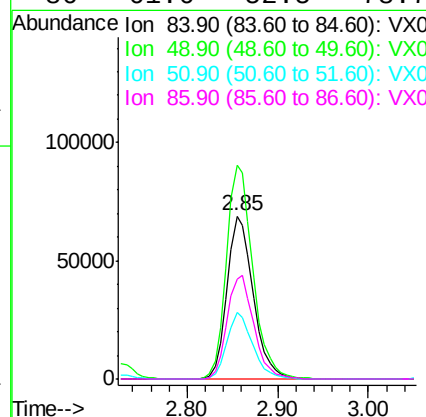
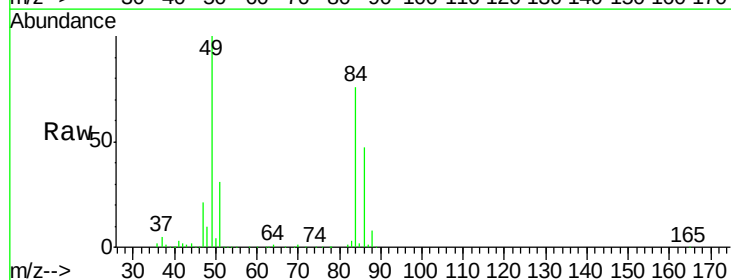
Manual Integrations
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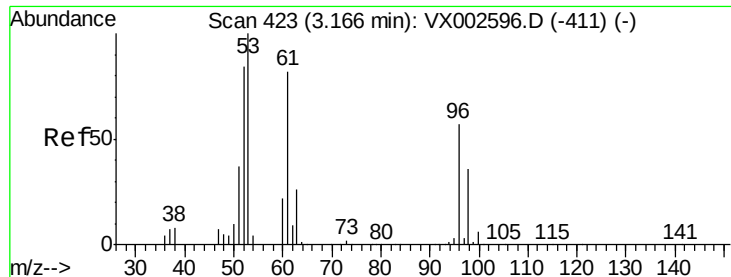
apatel
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#20
Methylene Chloride
Concen: 41.05 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 84 Resp: 138481
Ion Ratio Lower Upper
84 100
49 130.9 107.8 161.6
51 40.7 32.8 49.2
86 61.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.86 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 133471

Ion Ratio Lower Upper

96 100

61 138.5 117.0 175.4

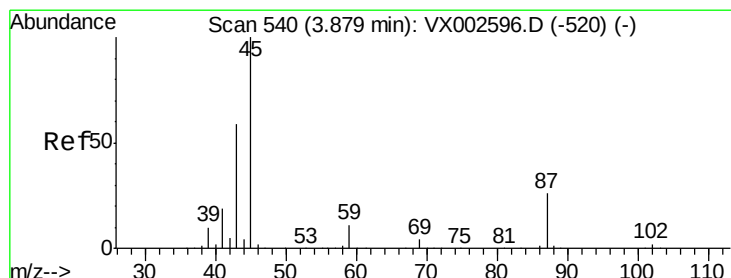
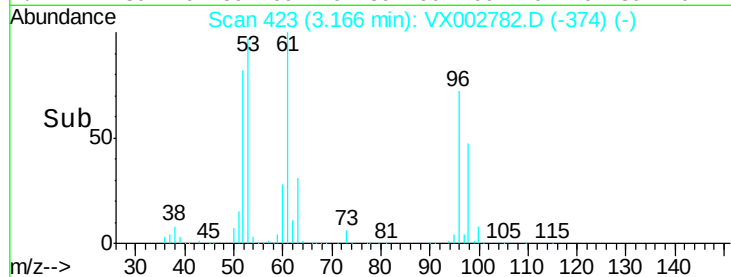
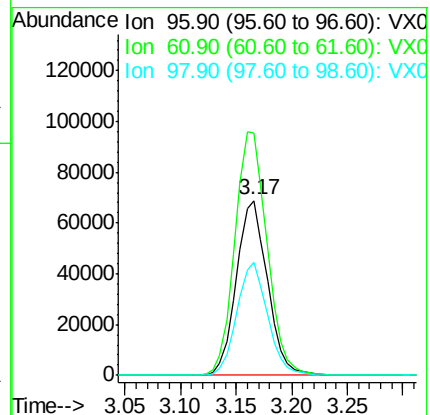
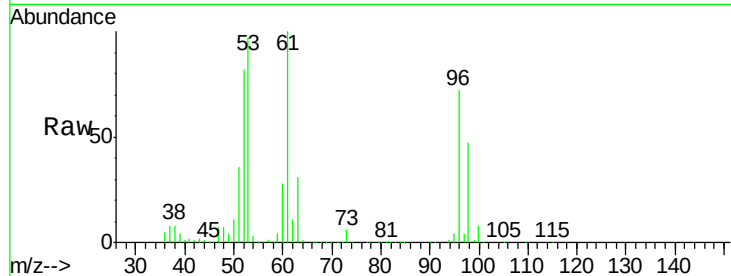
98 64.5 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 47.91 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion: 45 Resp: 471931

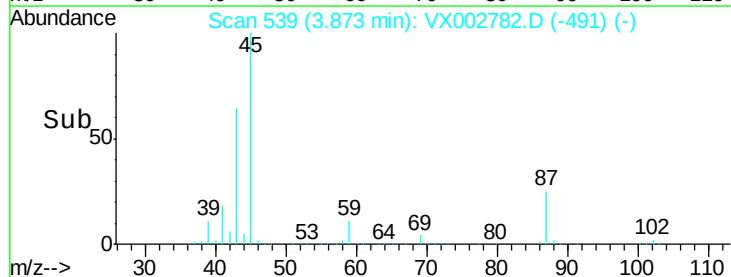
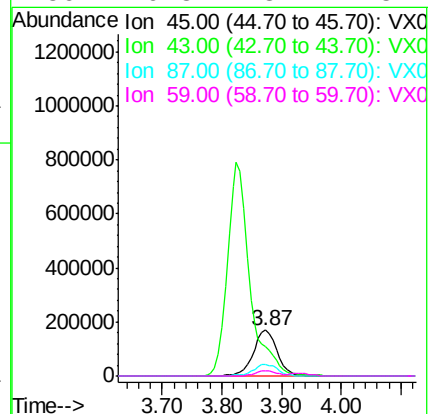
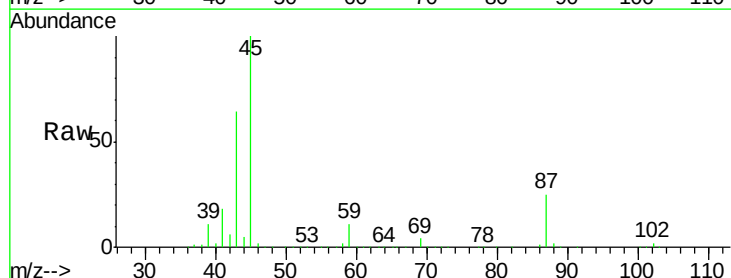
Ion Ratio Lower Upper

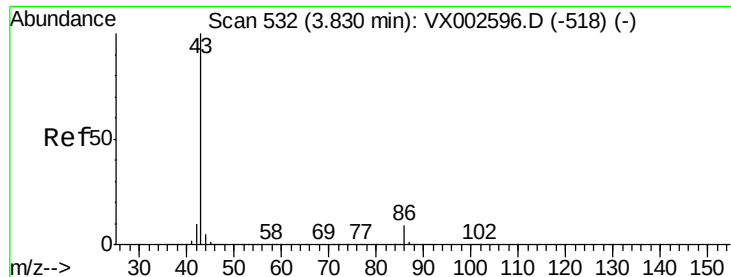
45 100

43 63.8 46.8 70.2

87 25.4 20.2 30.4

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 251.16 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2070869

Ion Ratio Lower Upper

43 100

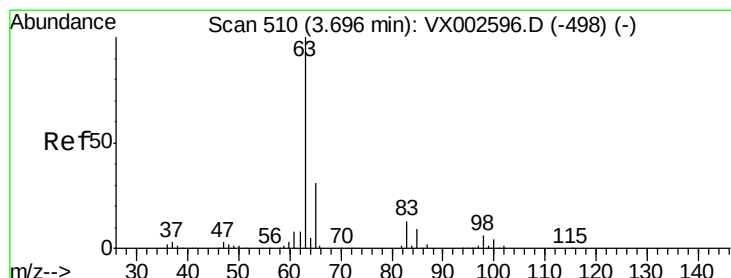
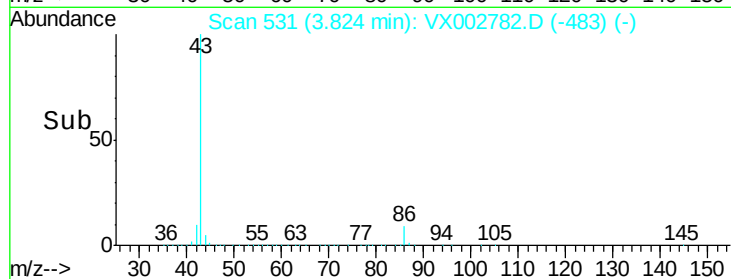
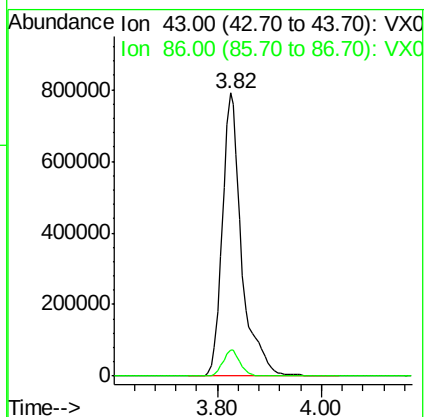
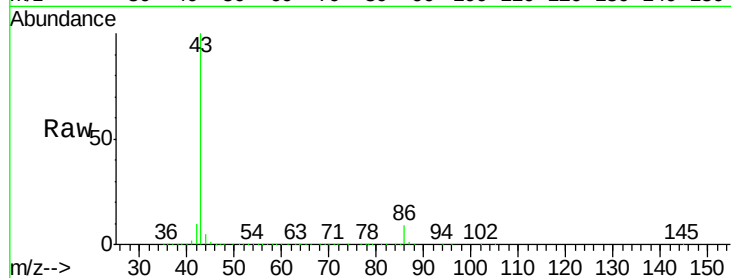
86 9.2 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.97 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

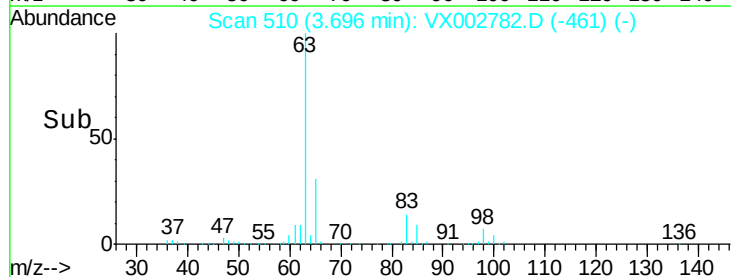
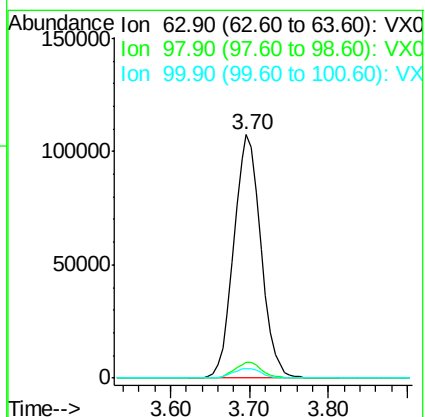
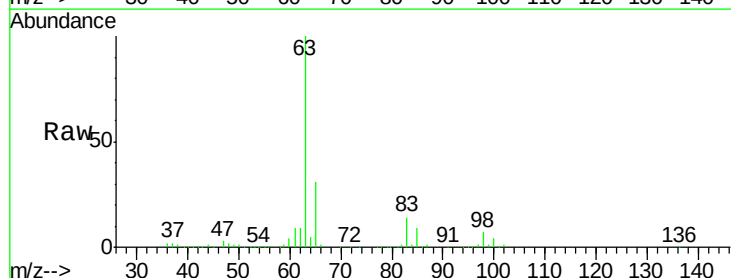
Tgt Ion: 63 Resp: 256462

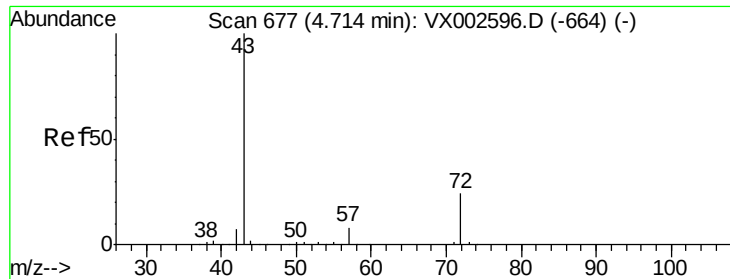
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 248.52 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 537047

Ion Ratio Lower Upper

43 100

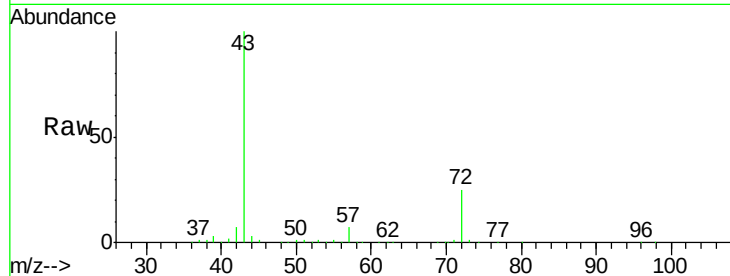
72 24.6 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

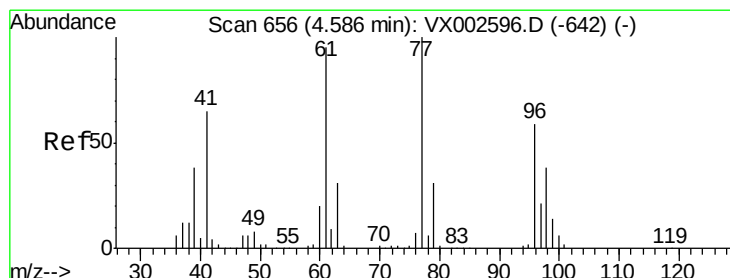
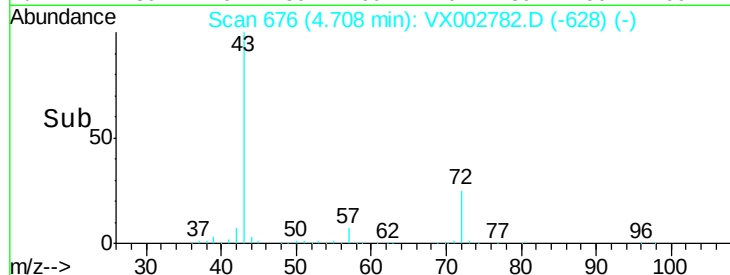
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.38 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002782.D

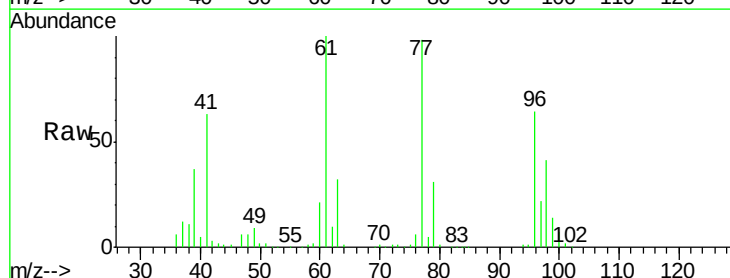
Acq: 21 Jun 2018 10:32

Tgt Ion: 77 Resp: 201232

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

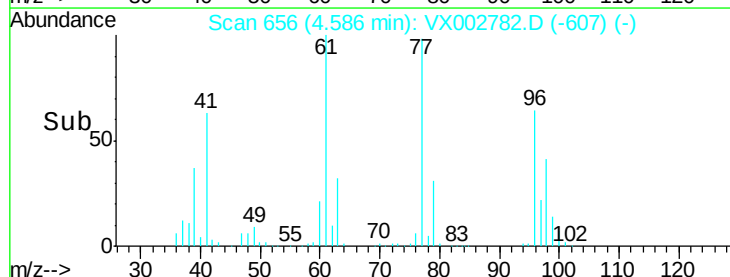
40000

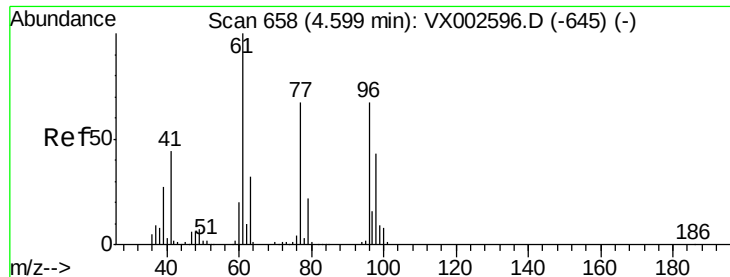
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

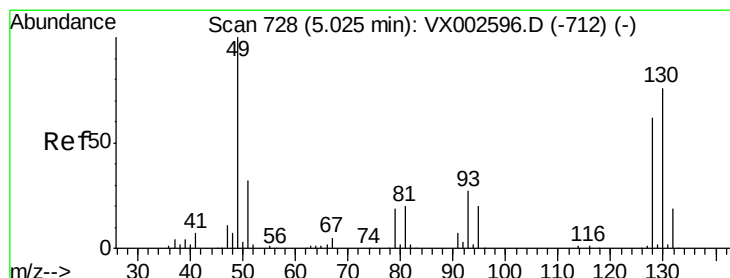
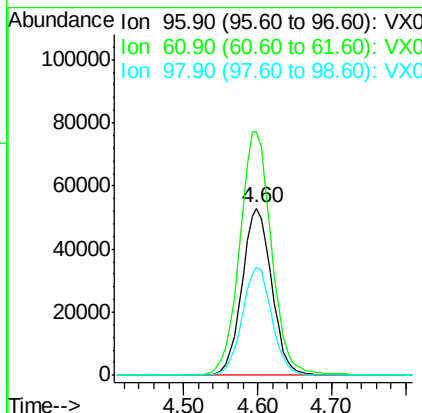
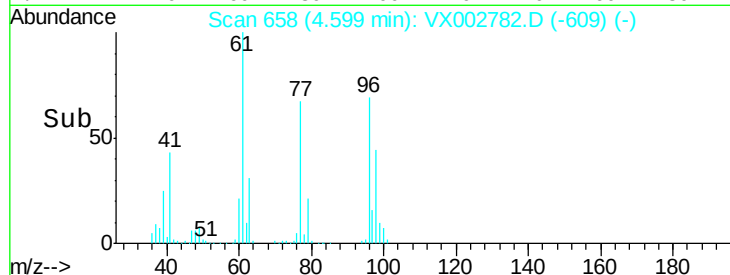
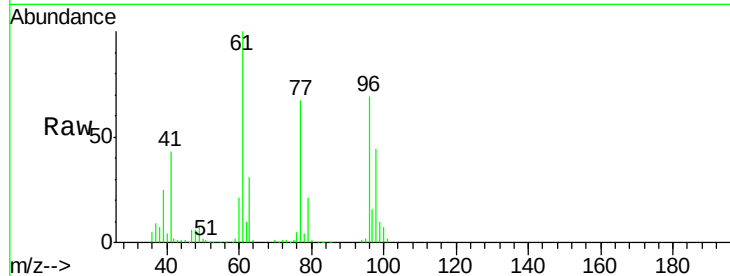
cis-1,2-Dichloroethene
Concen: 48.82 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.3	0.0	330.2
98	64.8	0.0	130.2

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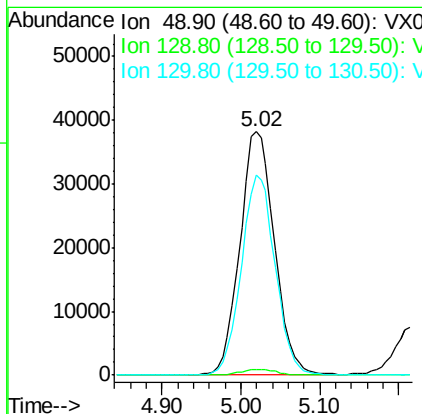
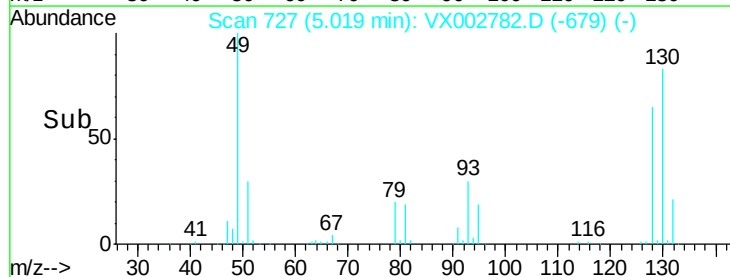
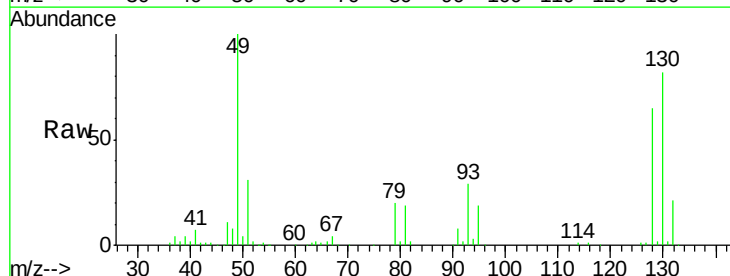
apatel
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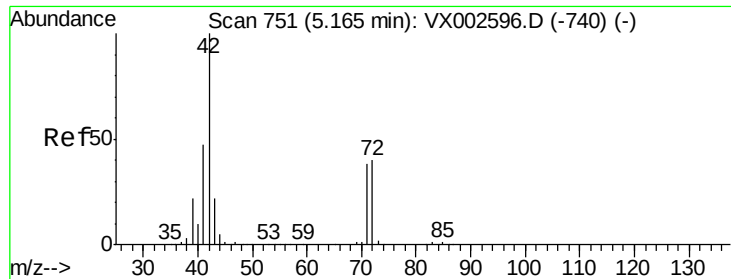


#28

Bromochloromethane
Concen: 46.48 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.5	61.2	91.8





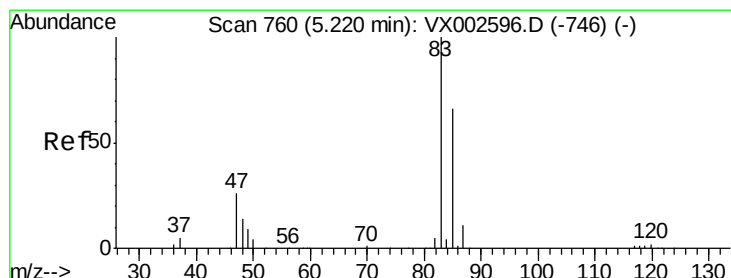
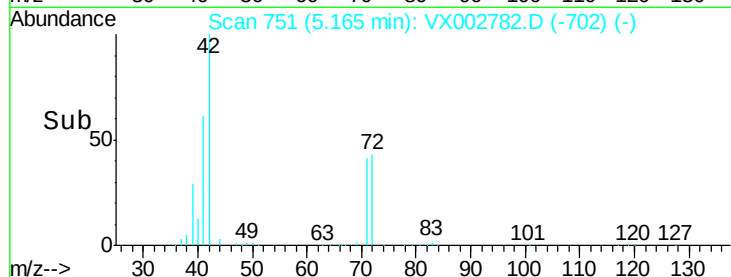
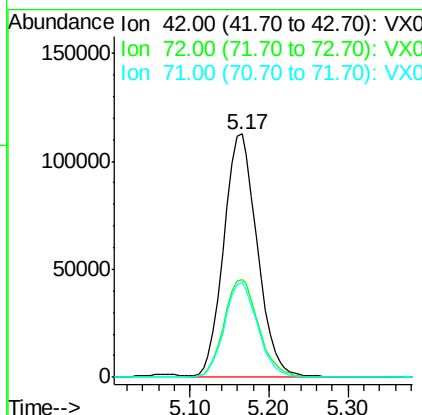
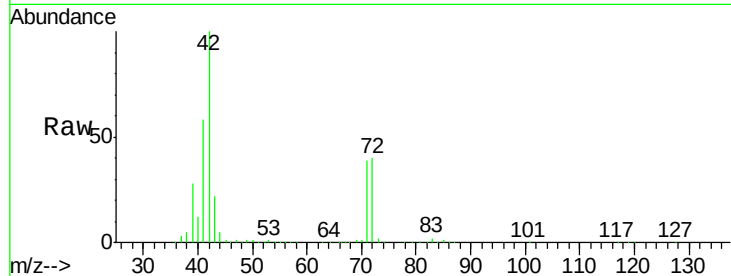
#29
Tetrahydrofuran
Concen: 234.50 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	38.8	30.1	45.1

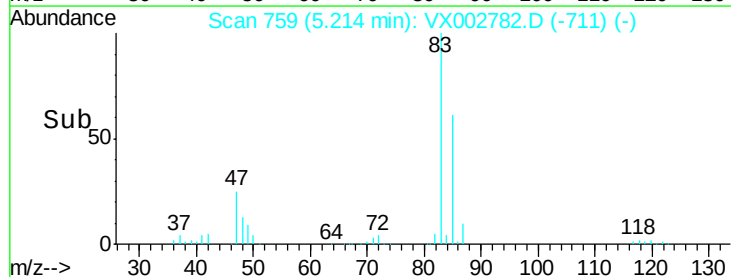
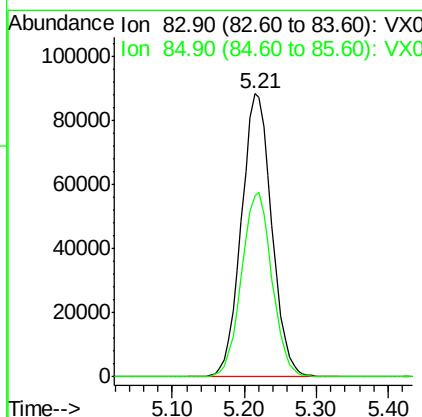
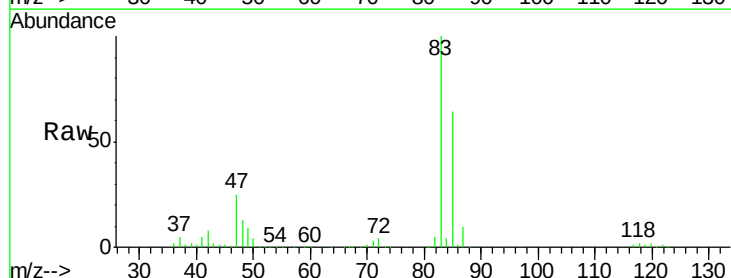
Manual Integrations
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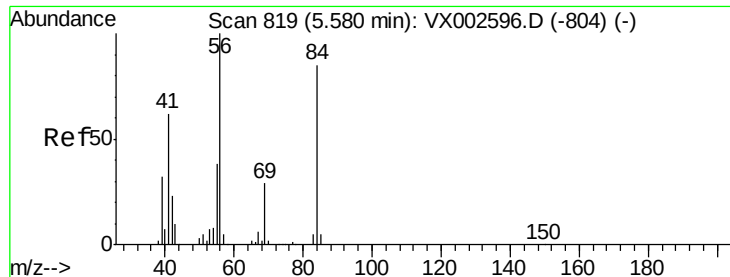
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#30
Chloroform
Concen: 50.18 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.4	75.6





#31

Cyclohexane

Concen: 51.11 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

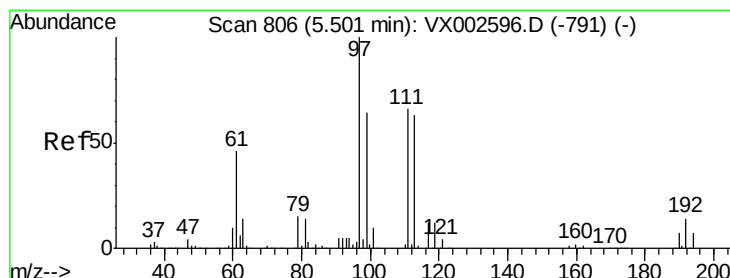
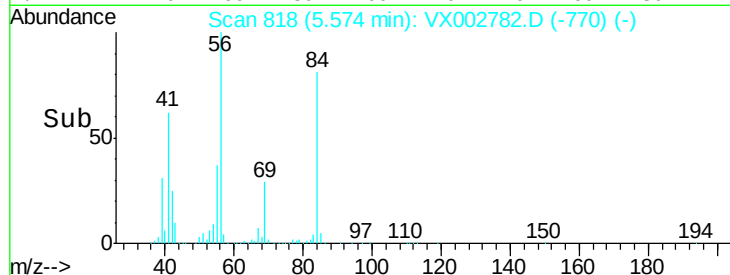
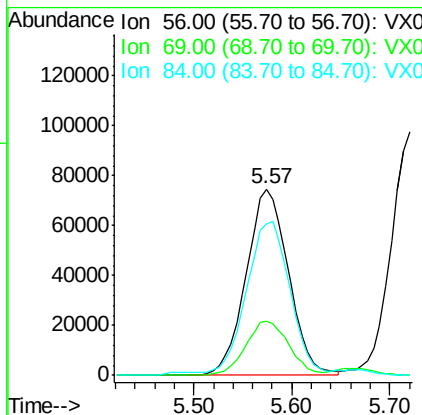
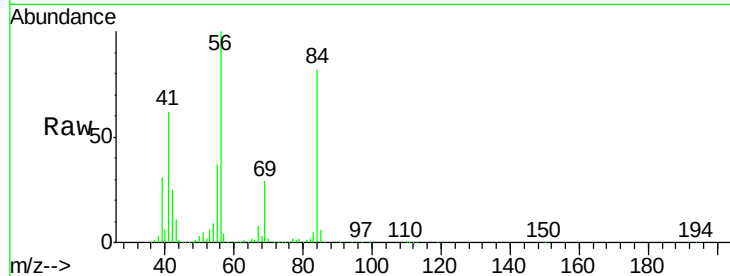
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	224984
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	79.7	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.28 ug/l

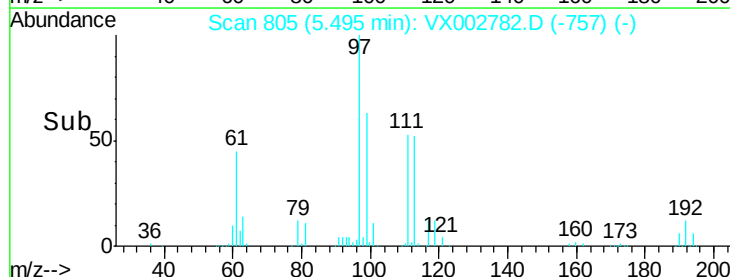
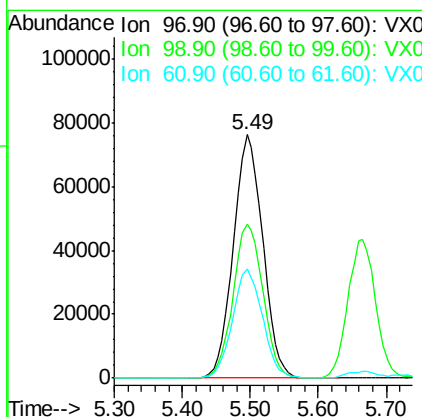
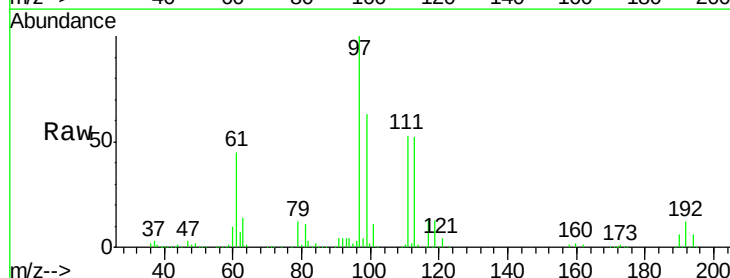
RT: 5.49 min Scan# 805

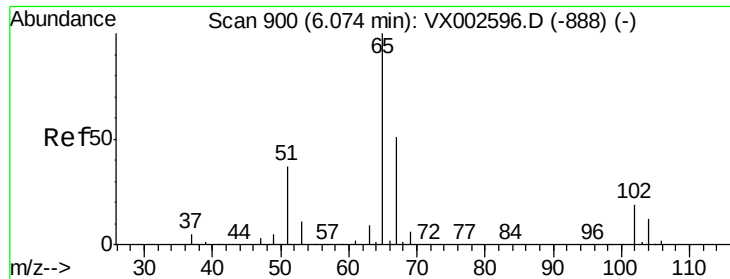
Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion:	97	Resp:	229749
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	45.3	36.4	54.6





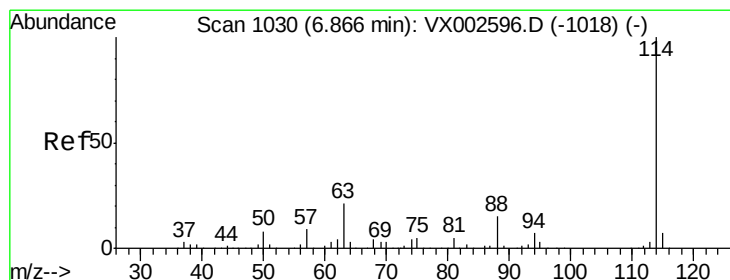
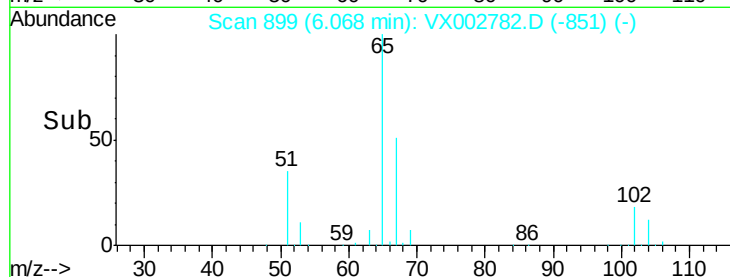
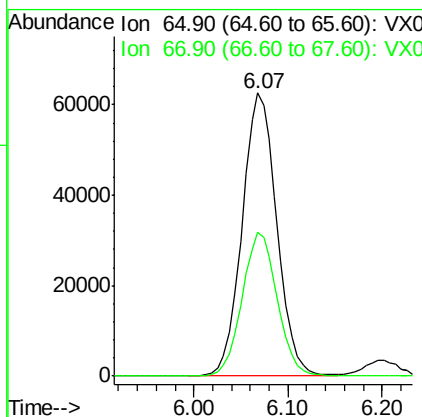
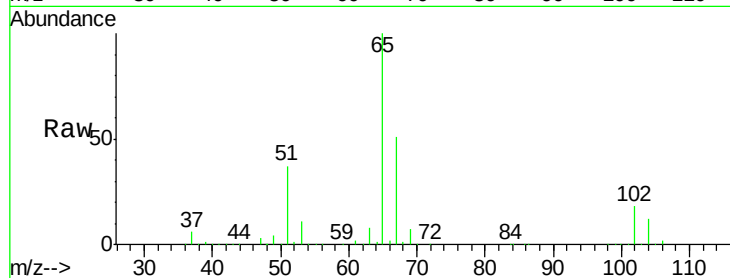
#33
 1,2-Dichloroethane-d4
 Concen: 43.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161150		
67	51.4	0.0	102.6	

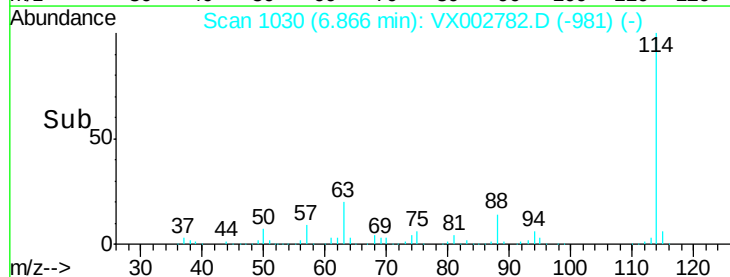
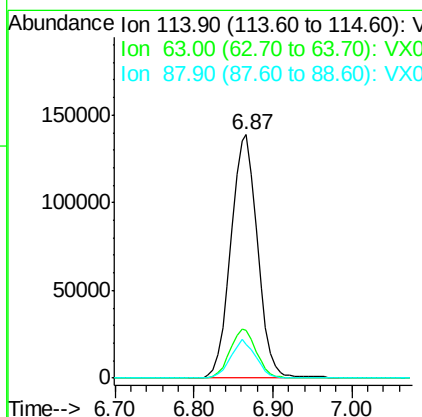
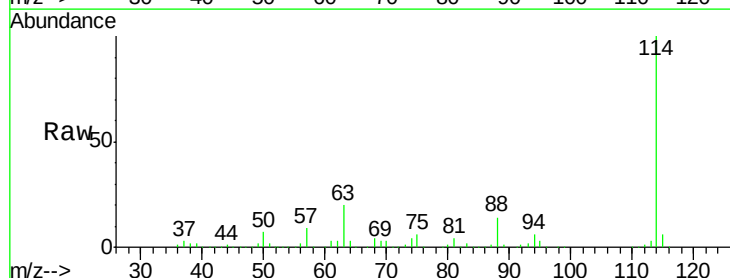
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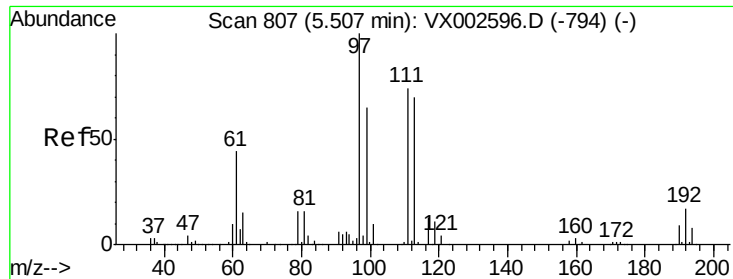
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	326918		
63	19.6	0.0	41.4	
88	14.1	0.0	30.0	





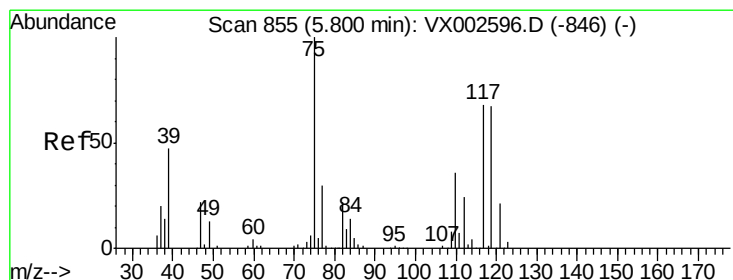
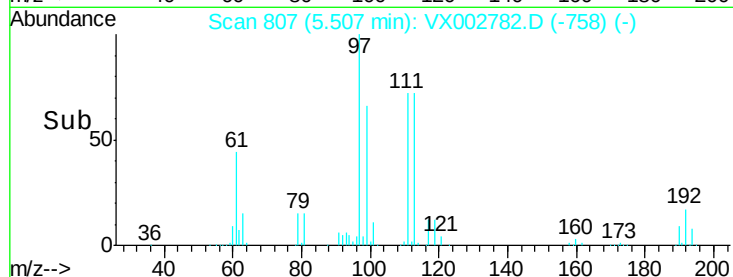
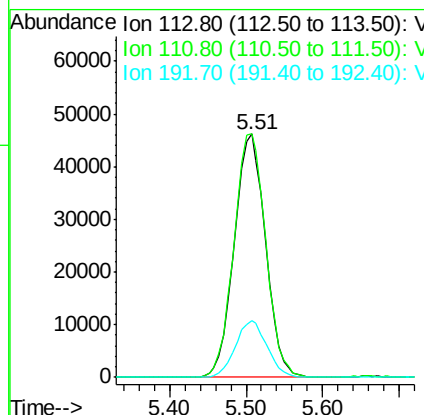
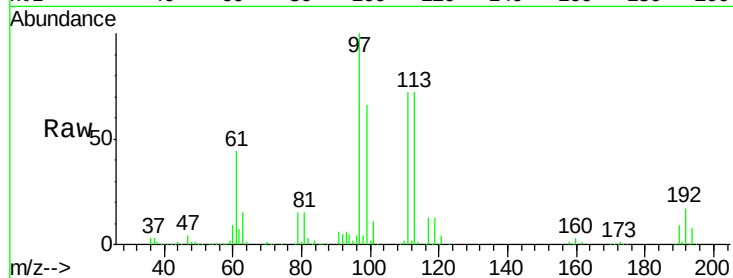
#35
 Dibromofluoromethane
 Concen: 50.06 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130619		
111	102.1	81.4	122.0	
192	23.5	19.1	28.7	

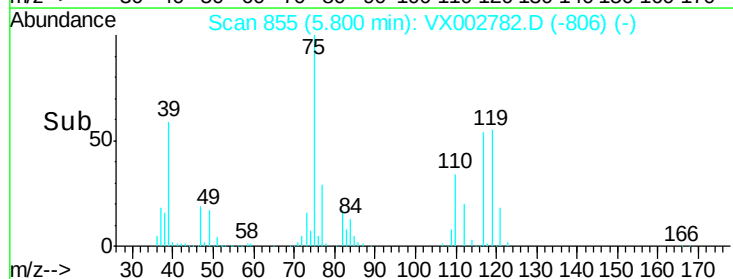
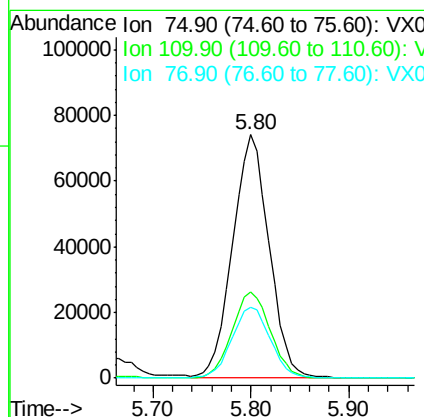
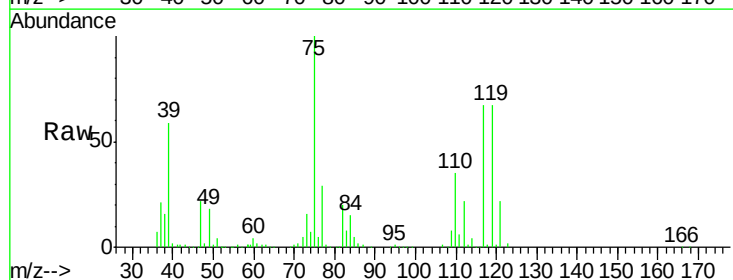
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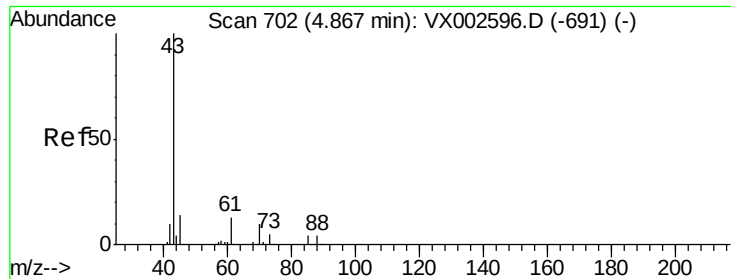
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#36
 1,1-Dichloropropene
 Concen: 55.08 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191252		
110	37.2	18.1	54.4	
77	31.1	24.3	36.5	





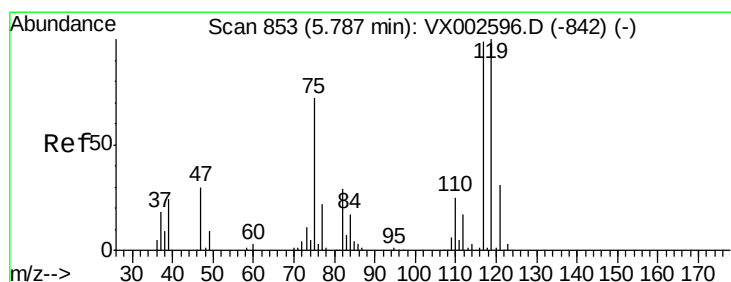
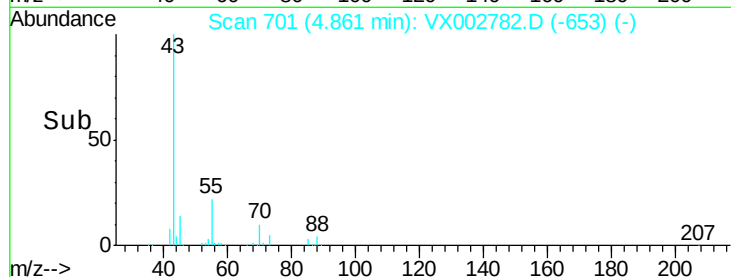
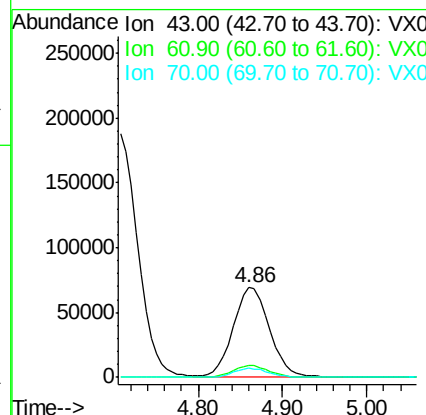
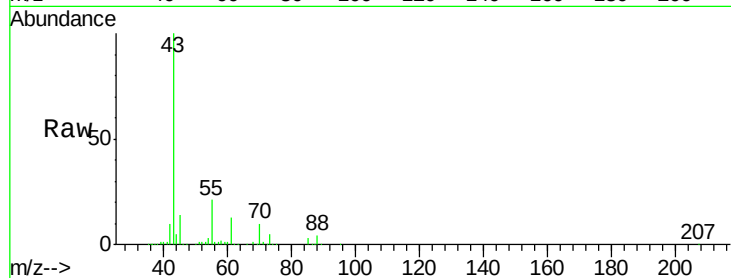
#37
Ethyl Acetate
Concen: 51.49 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.9	7.6	11.4

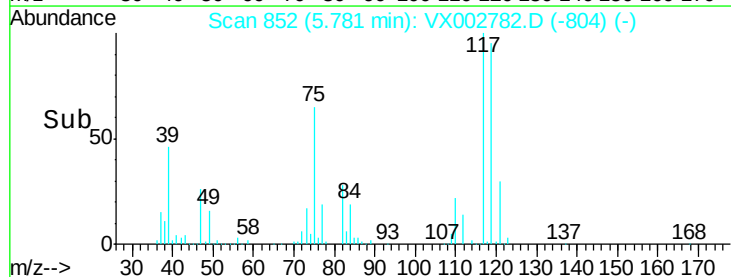
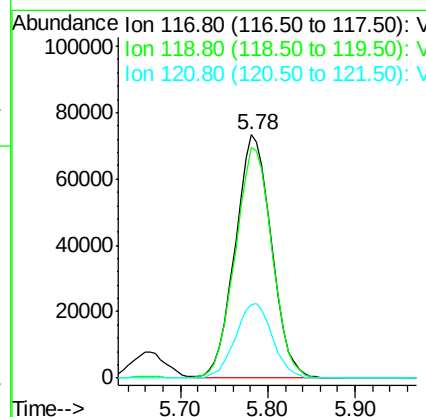
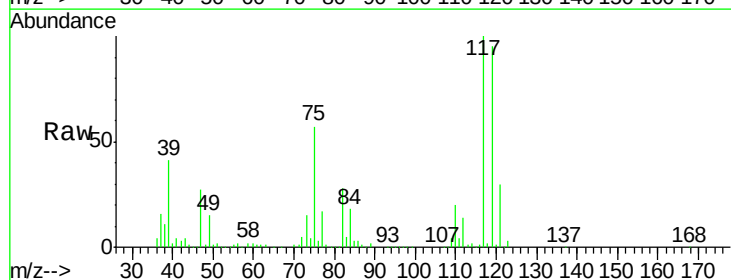
Manual Integrations
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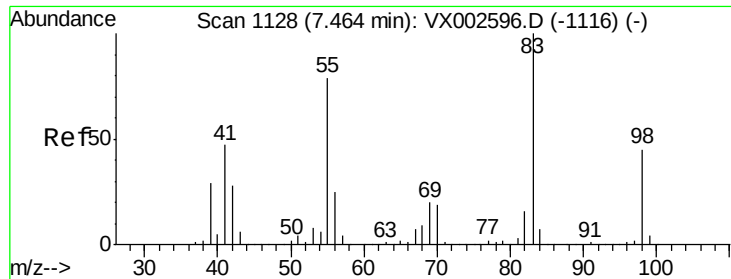
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#38
Carbon Tetrachloride
Concen: 61.12 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
121	30.1	24.4	36.6





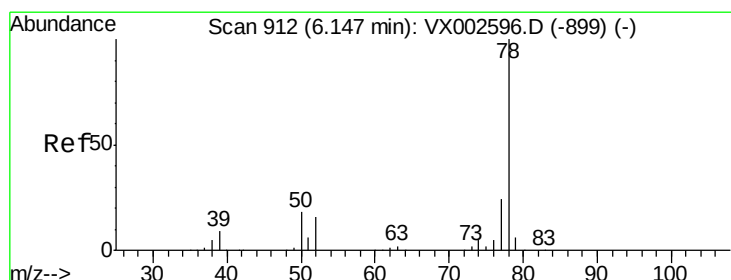
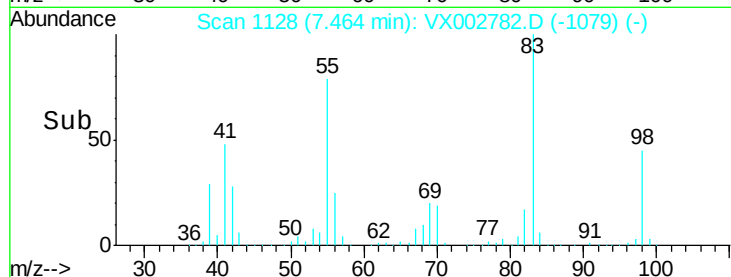
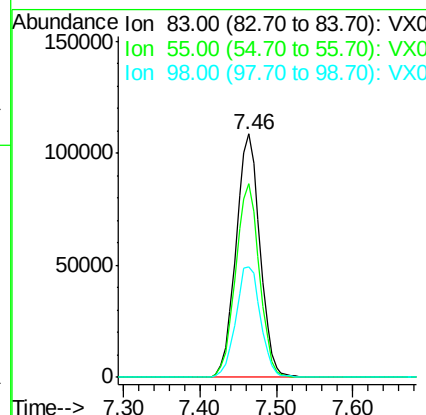
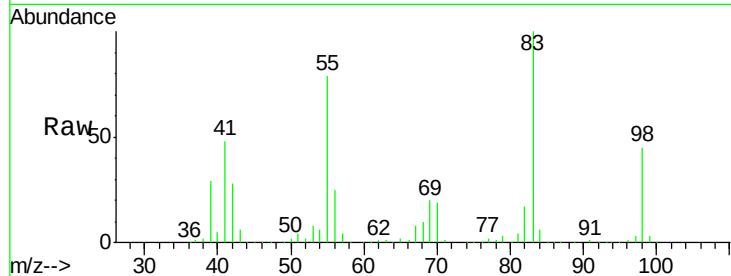
#39
Methylvlcyclohexane
Concen: 57.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.2	65.4	98.0	
98	45.5	37.4	56.0	

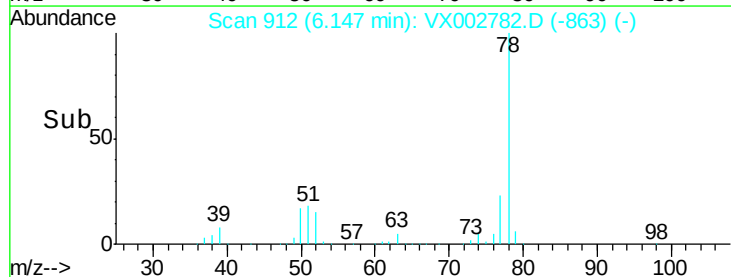
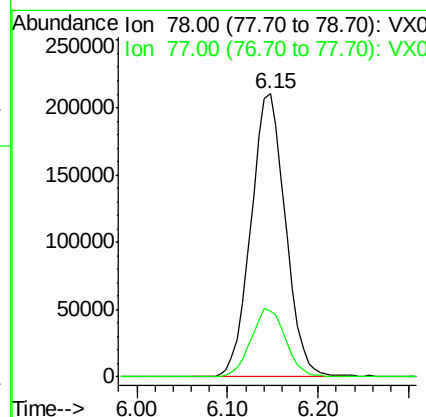
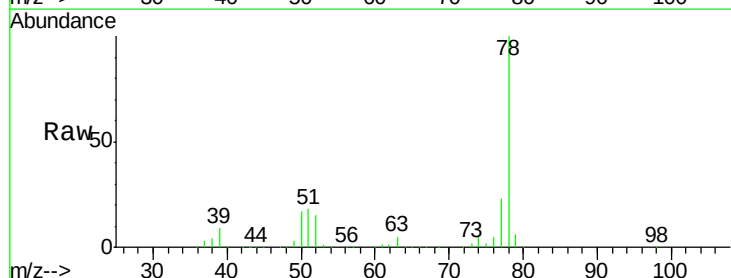
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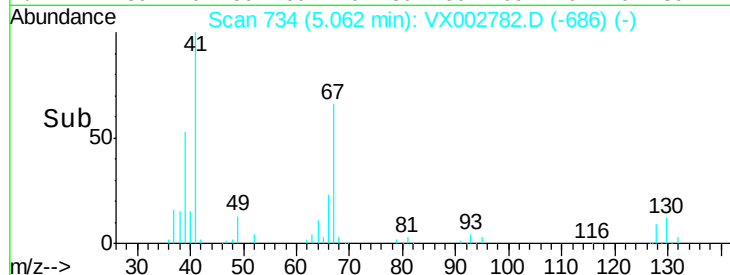
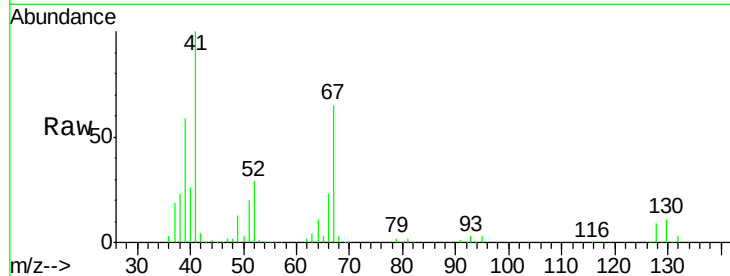
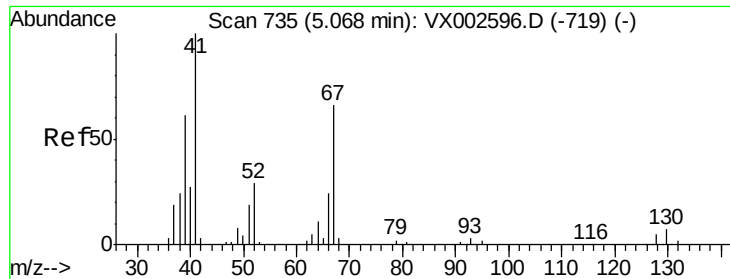
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#40
Benzene
Concen: 53.13 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	19.1	28.7	





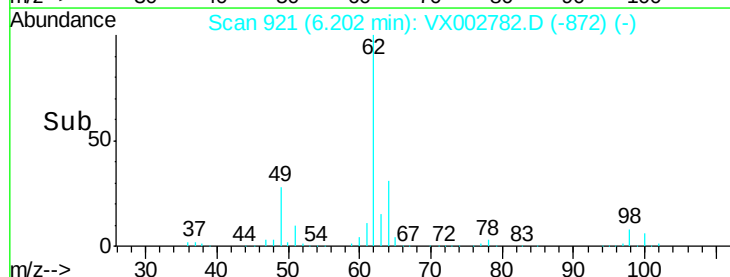
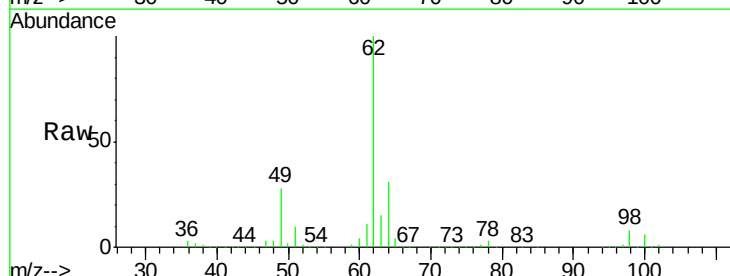
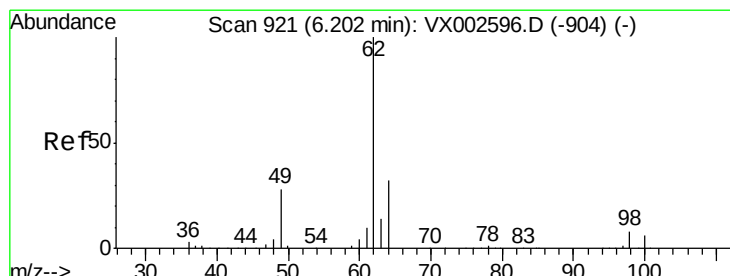
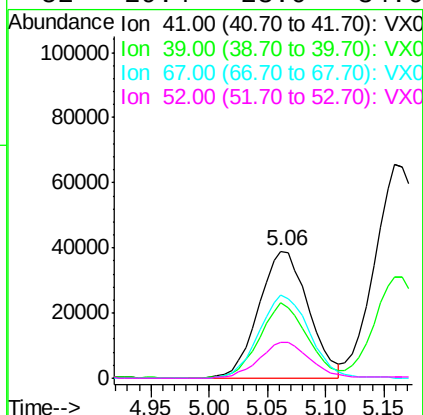
#41
Methacrylonitrile
Concen: 51.93 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	45.8	68.6	
67	67.1	51.3	76.9	
52	29.4	23.0	34.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

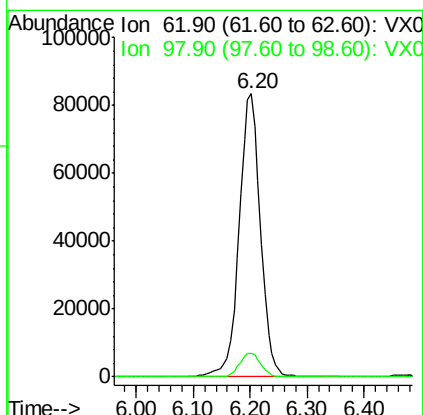
Manual Integrations
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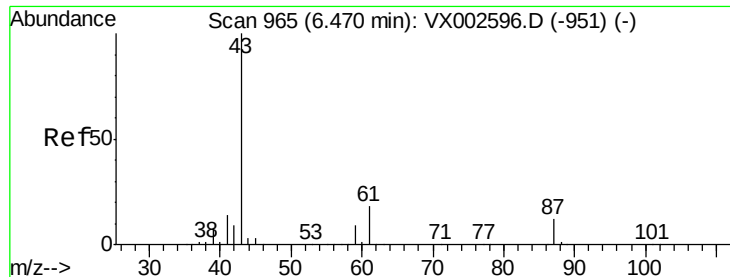
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#42
1,2-Dichloroethane
Concen: 54.13 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

Isopropyl Acetate

Concen: 51.28 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

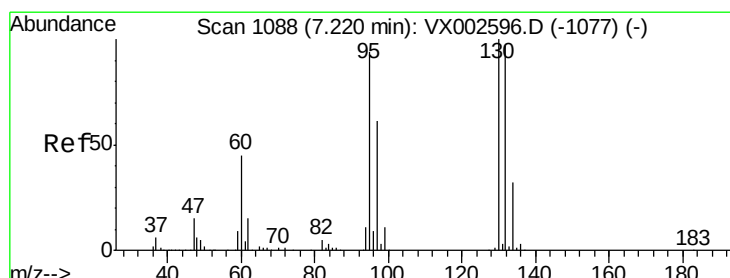
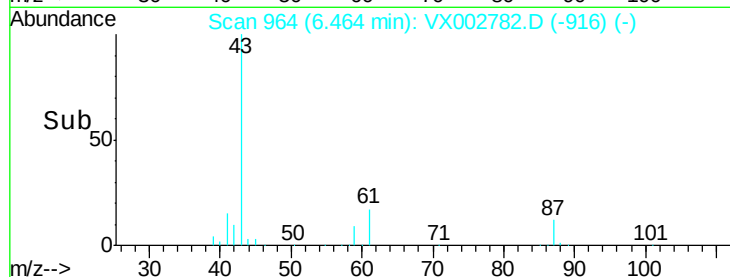
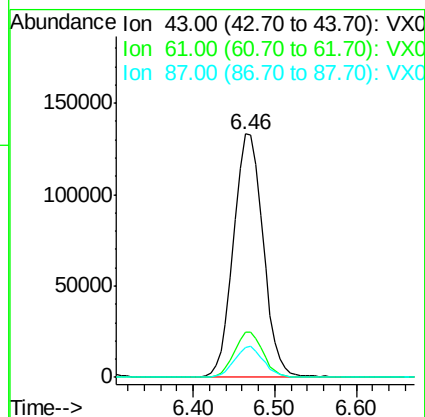
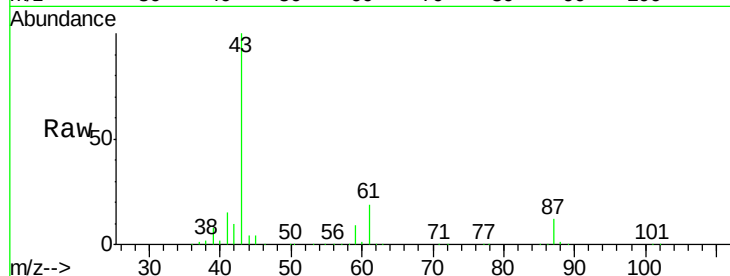
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	333911
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.4	9.5	14.3

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#44

Trichloroethene

Concen: 54.31 ug/l

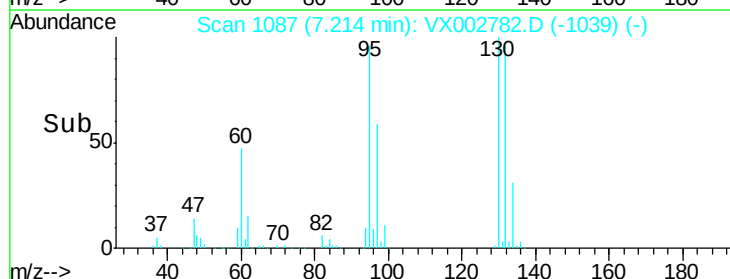
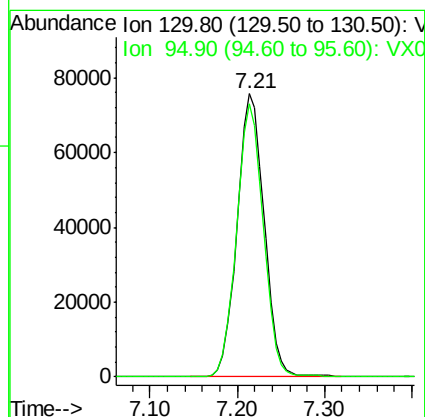
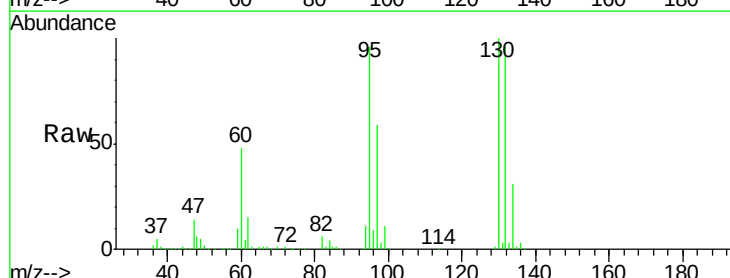
RT: 7.21 min Scan# 1087

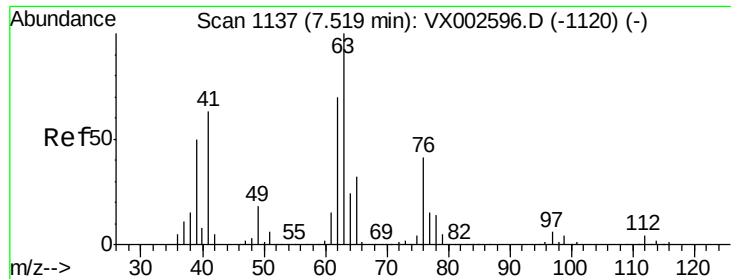
Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion:	130	Resp:	163199
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	185.4





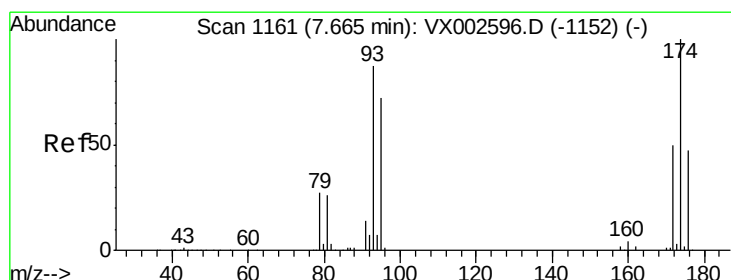
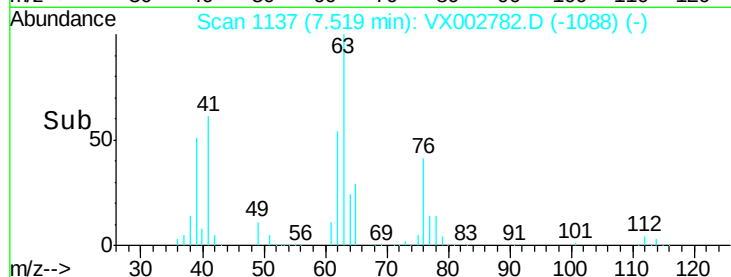
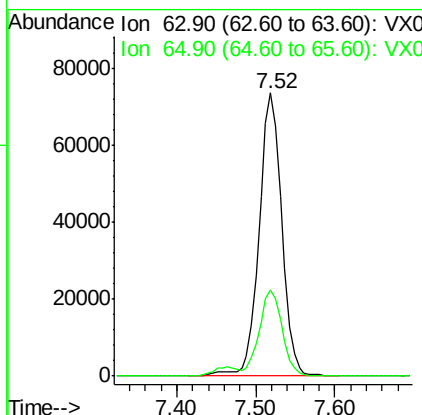
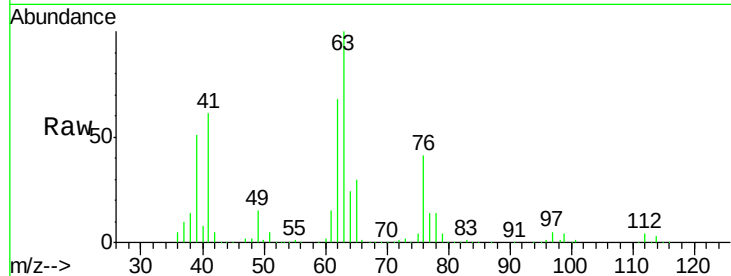
#45
 1,2-Dichloropropane
 Concen: 53.77 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 147327
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1

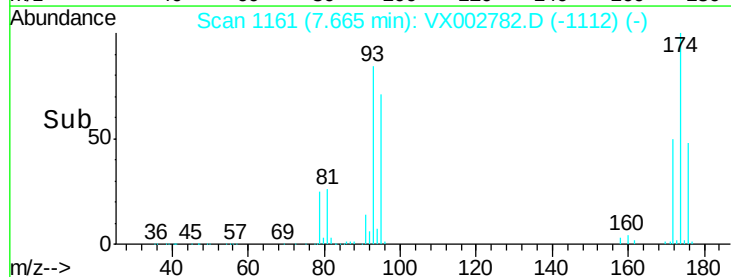
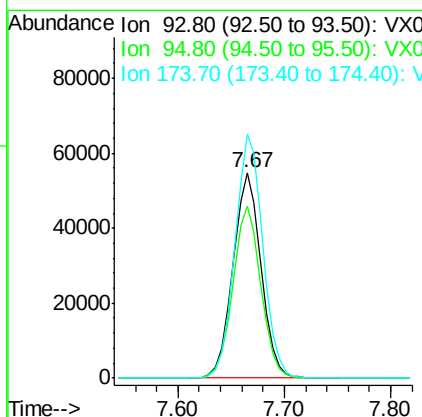
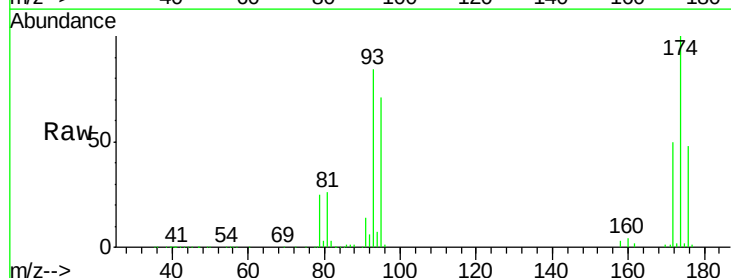
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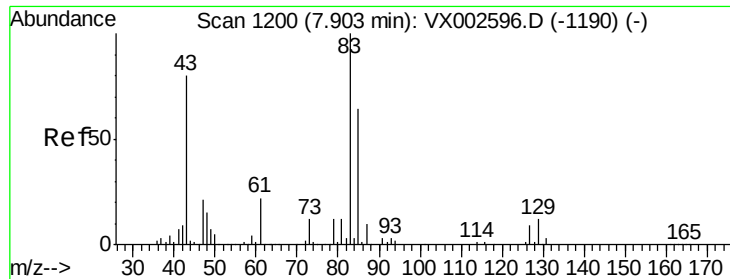
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#46
 Dibromomethane
 Concen: 55.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion: 93 Resp: 101141
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.9 98.9
 174 118.5 92.4 138.6





#47

Bromodichloromethane

Concen: 60.48 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

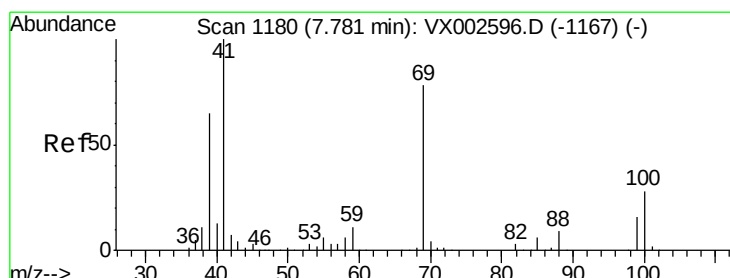
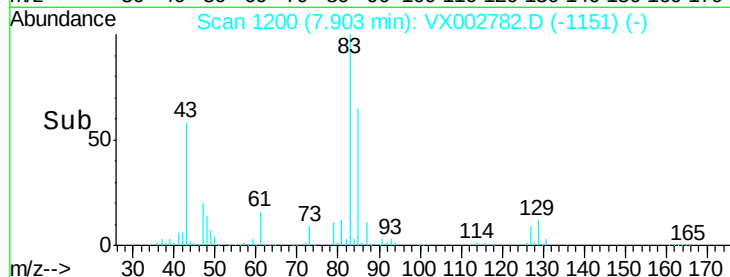
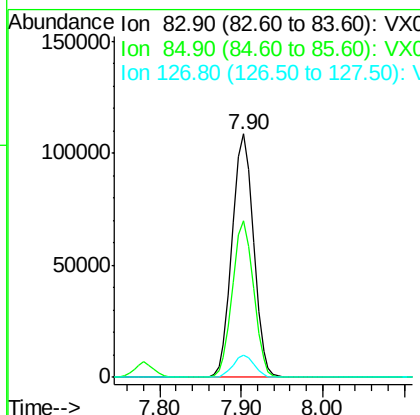
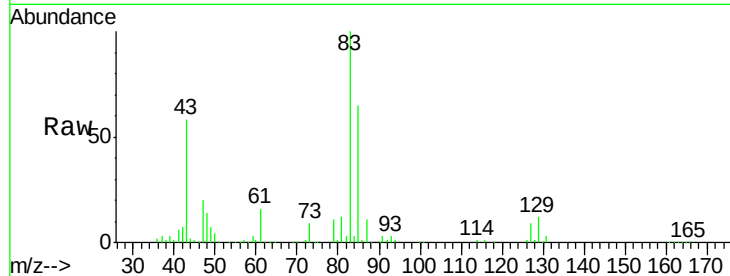
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	195529
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.49 ug/l

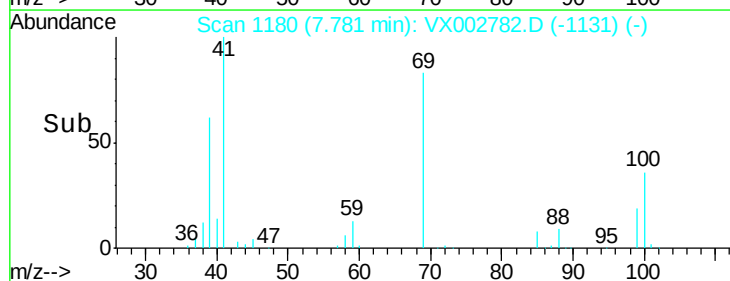
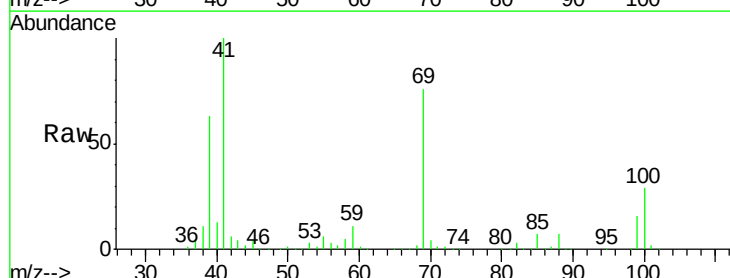
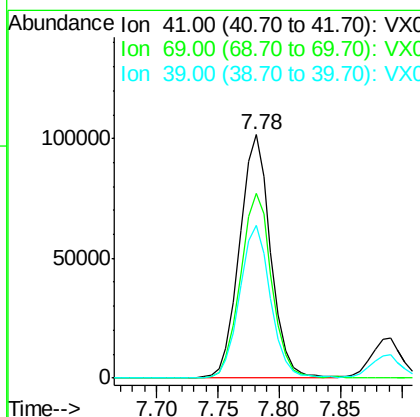
RT: 7.78 min Scan# 1180

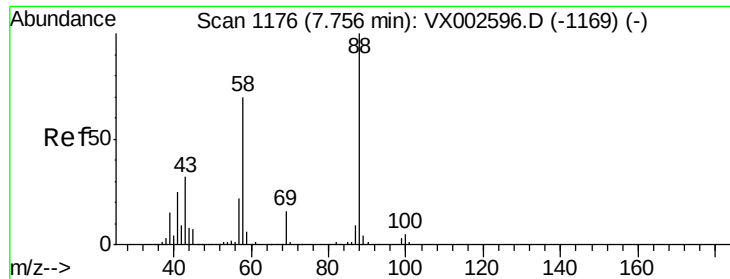
Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion:	41	Resp:	177975
Ion	Ratio	Lower	Upper
41	100		
69	77.2	59.1	88.7
39	62.5	48.9	73.3





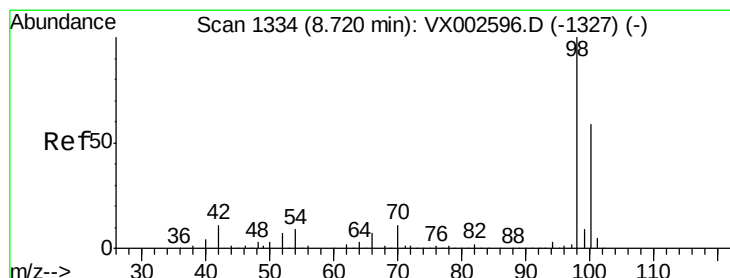
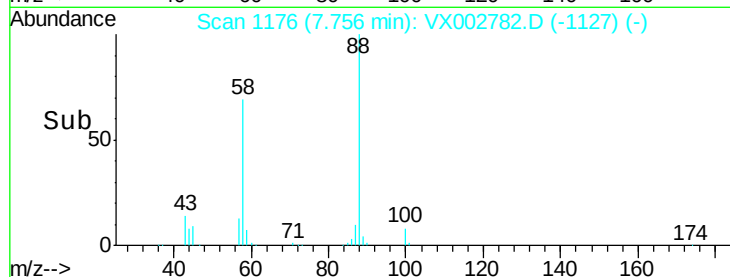
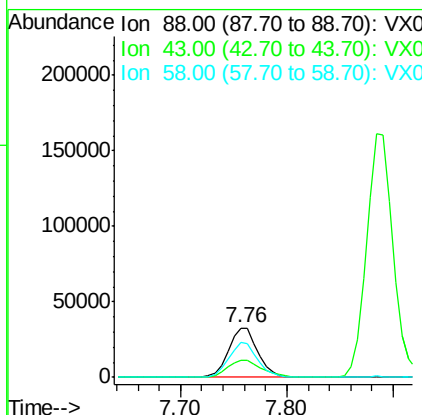
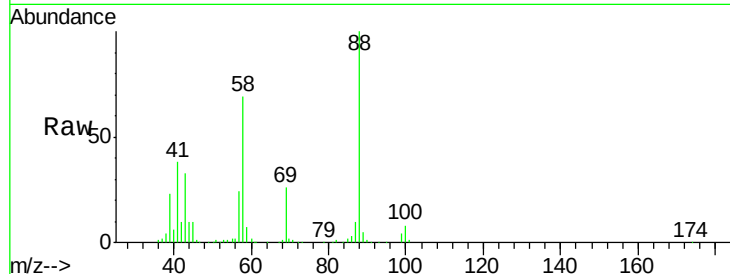
#49
1,4-Dioxane
Concen: 1004.28 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	29.8	44.6
58	69.4	57.1	85.7

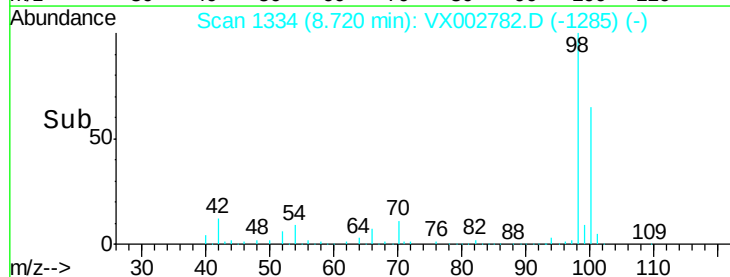
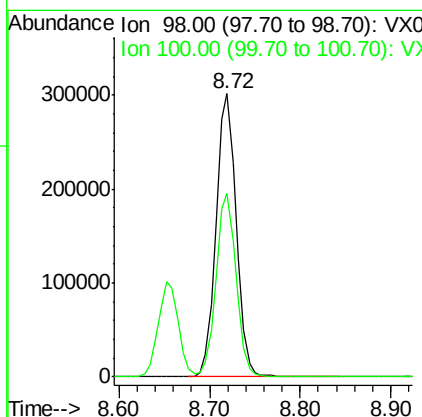
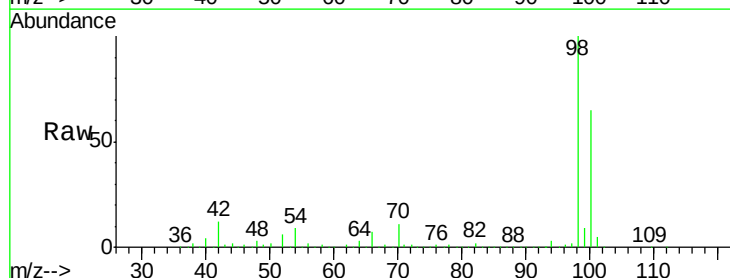
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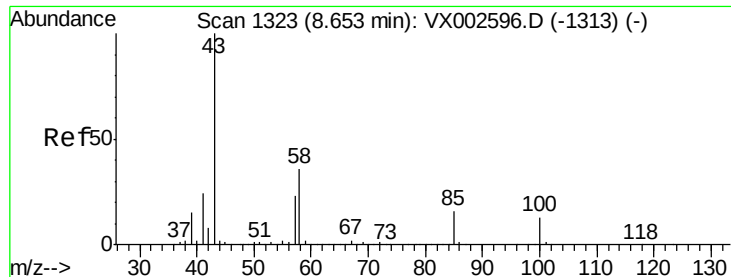
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#50
Toluene-d8
Concen: 47.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





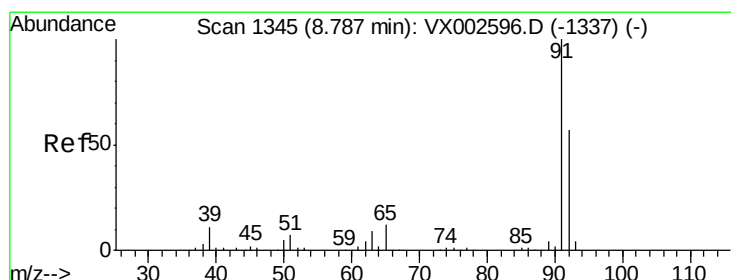
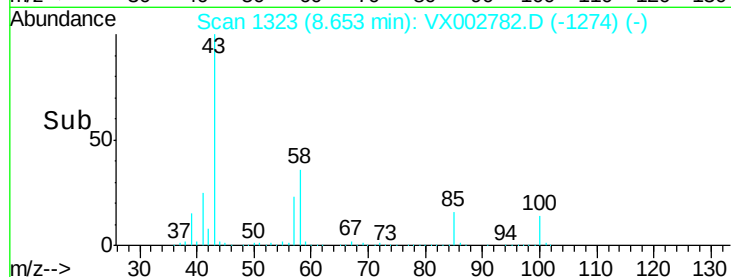
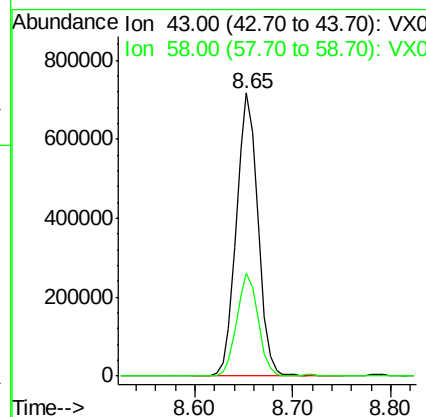
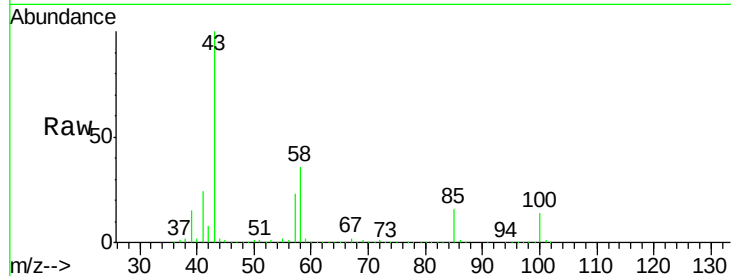
#51
4-Methyl-2-Pentanone
Concen: 262.45 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1097211
Ion Ratio Lower Upper
43 100
58 36.0 28.6 42.8

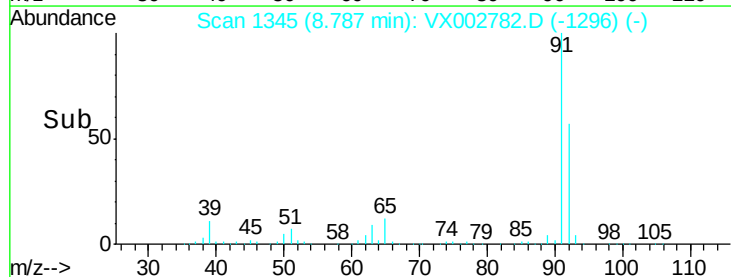
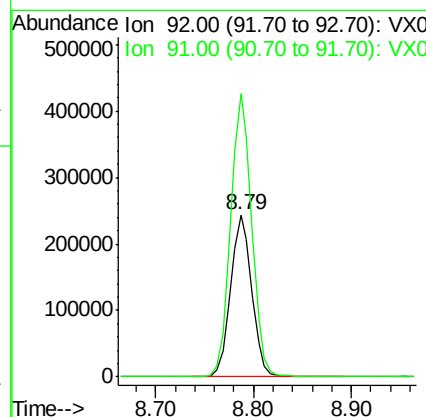
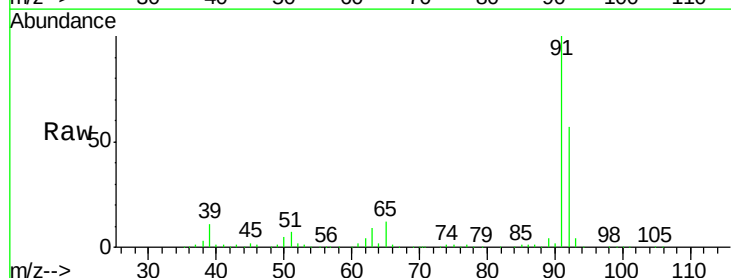
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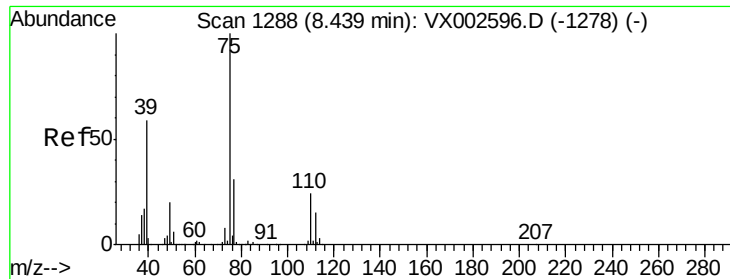
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#52
Toluene
Concen: 54.81 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 92 Resp: 364029
Ion Ratio Lower Upper
92 100
91 174.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 52.83 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 226700

Ion Ratio Lower Upper

75 100

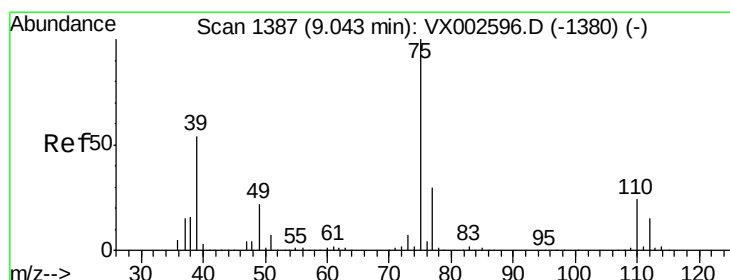
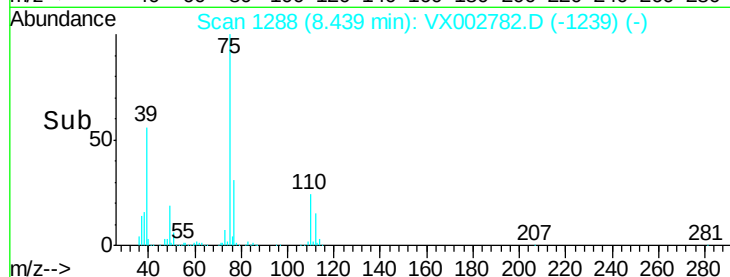
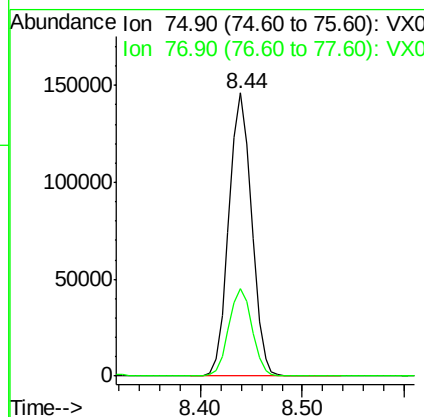
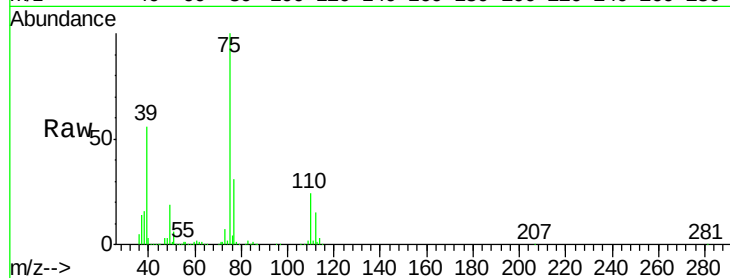
77 30.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 51.70 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

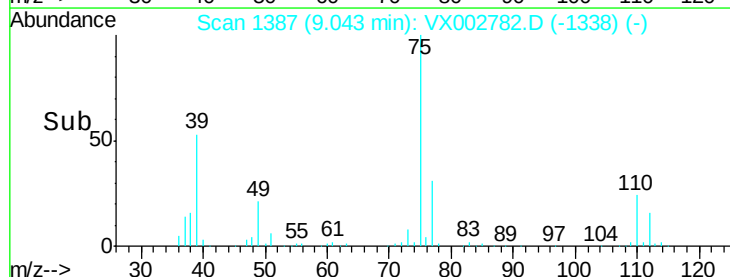
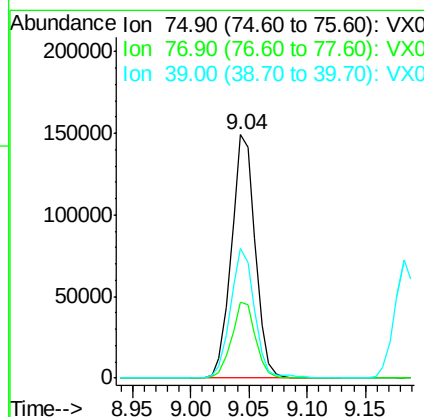
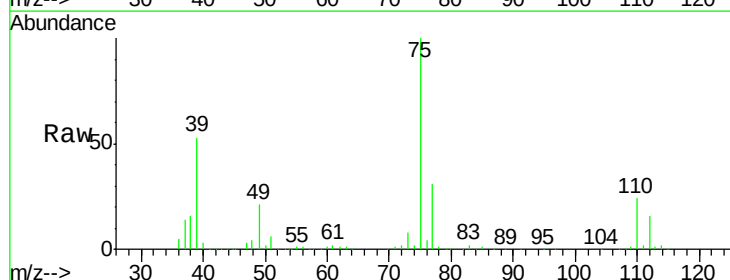
Tgt Ion: 75 Resp: 211523

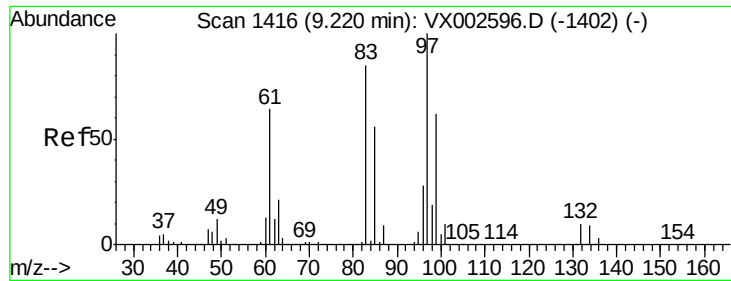
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 53.1 42.4 63.6





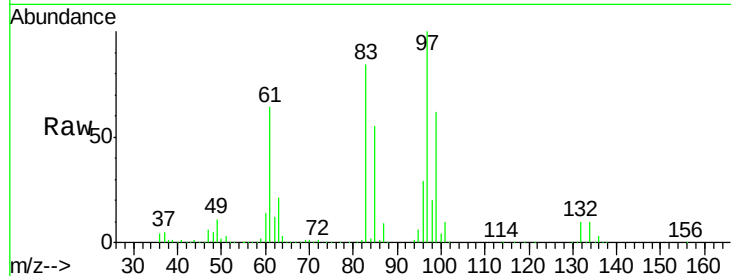
#55
 1,1,2-Trichloroethane
 Concen: 55.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

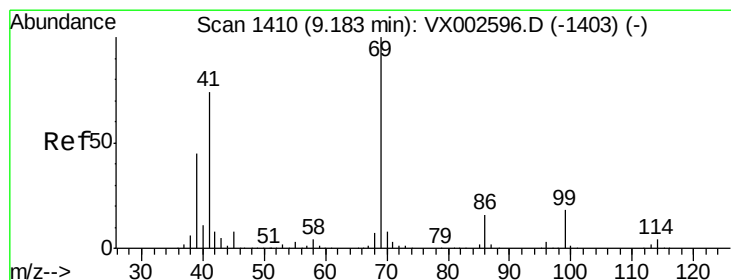
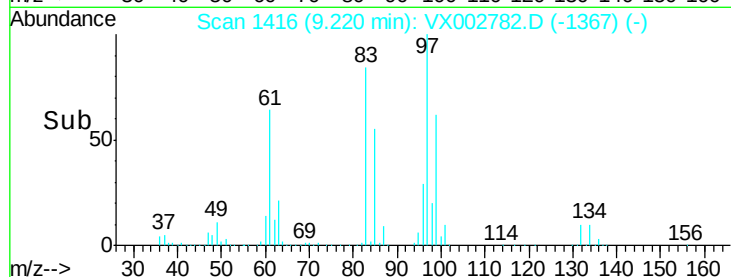
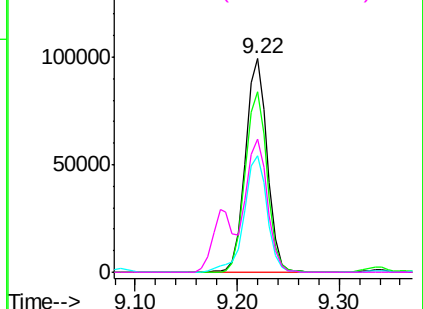
Tot Ion:	97	Resp:	147594
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.8	44.9	67.3
99	62.0	49.8	74.8

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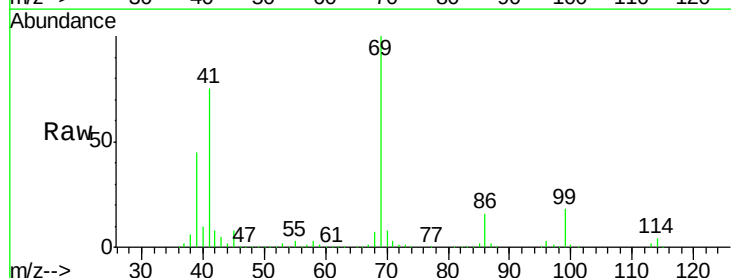


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

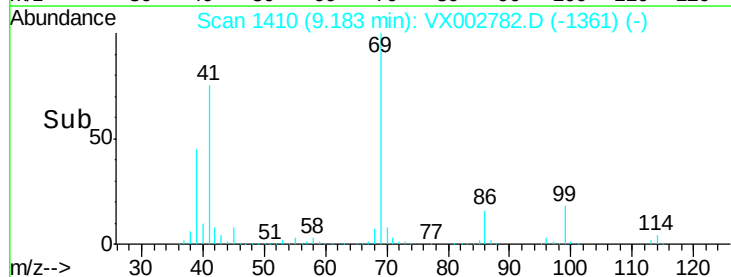
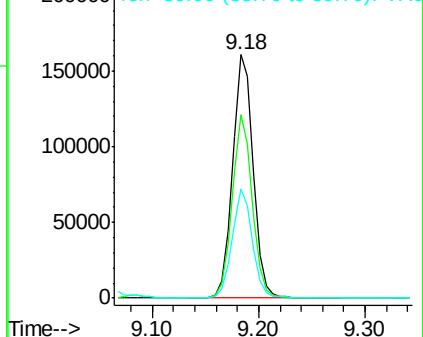


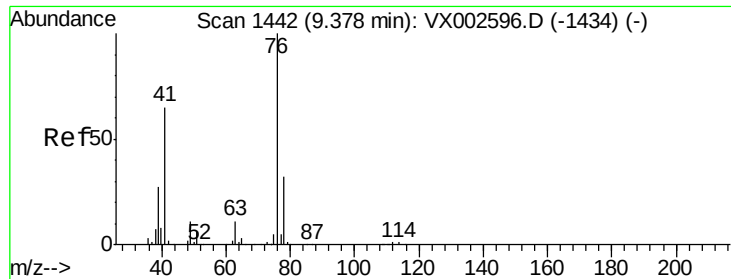
#56
 Ethyl methacrylate
 Concen: 52.89 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion:	69	Resp:	218426
Ion	Ratio	Lower	Upper
69	100		
41	72.9	60.3	90.5
39	43.5	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





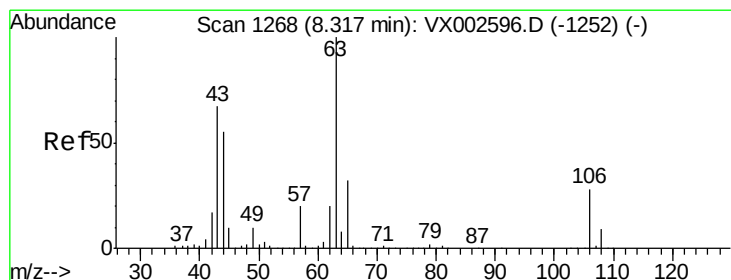
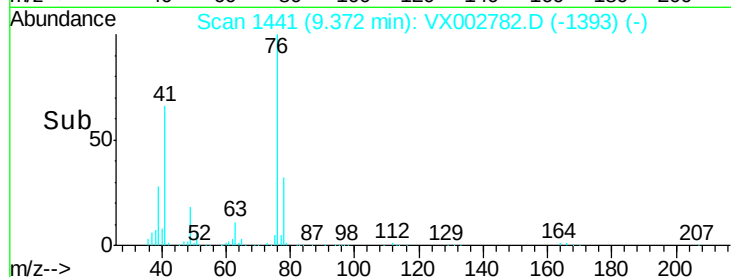
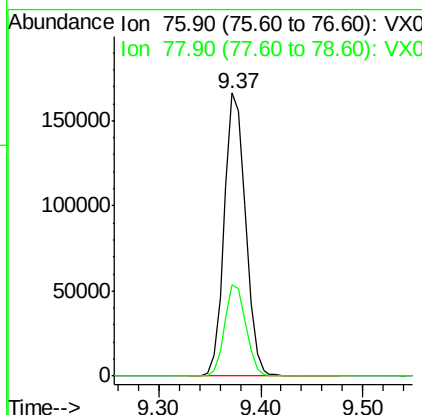
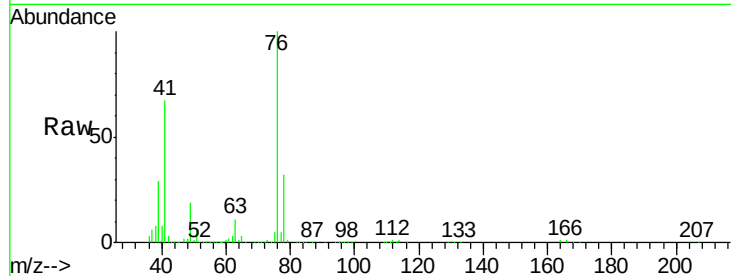
#57
 1,3-Dichloropropane
 Concen: 53.16 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

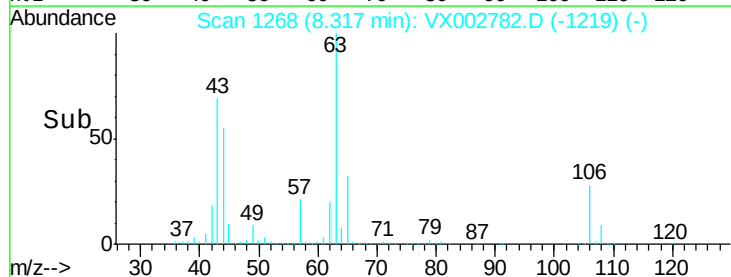
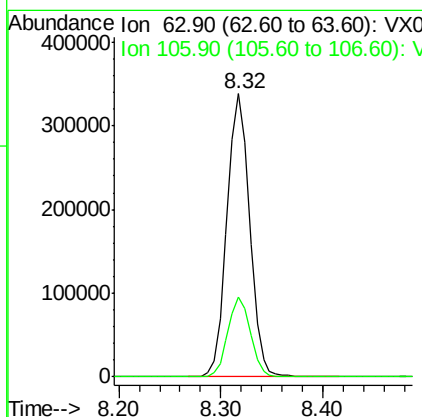
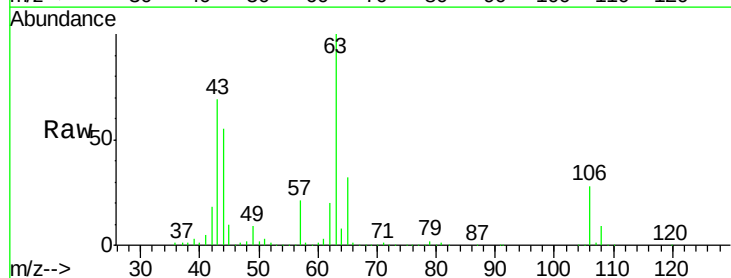
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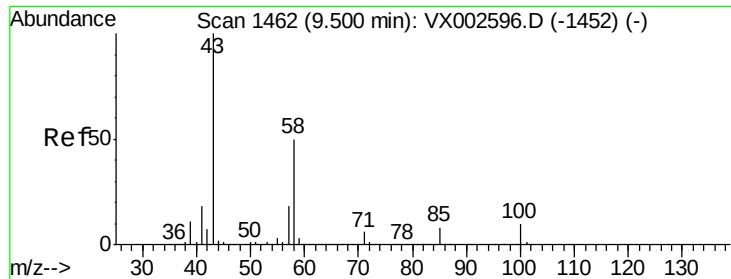
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.84 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	21.8	32.8





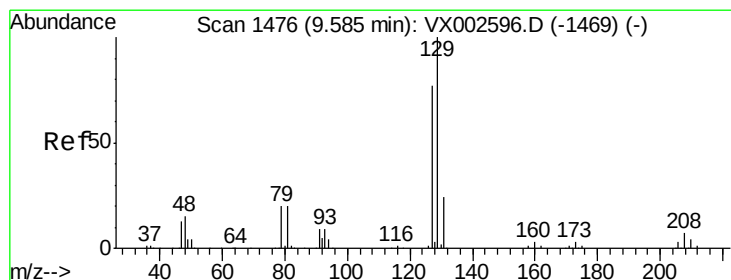
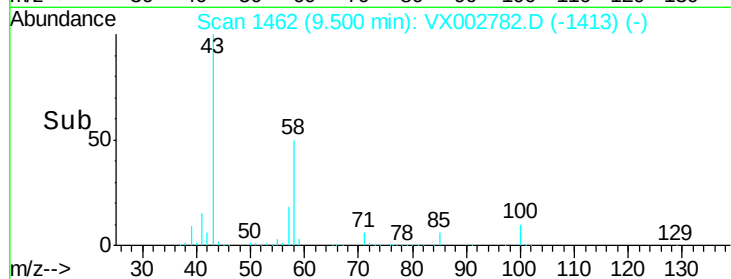
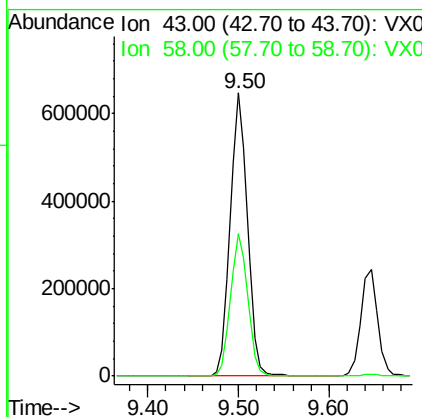
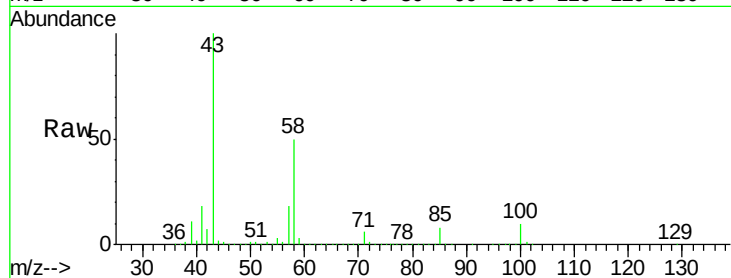
#59
2-Hexanone
Concen: 272.49 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 858400
Ion Ratio Lower Upper
43 100
58 50.5 24.6 73.6

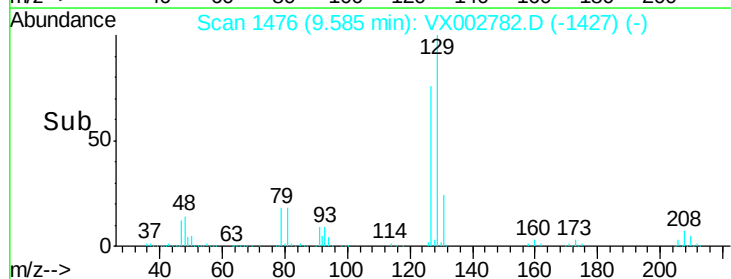
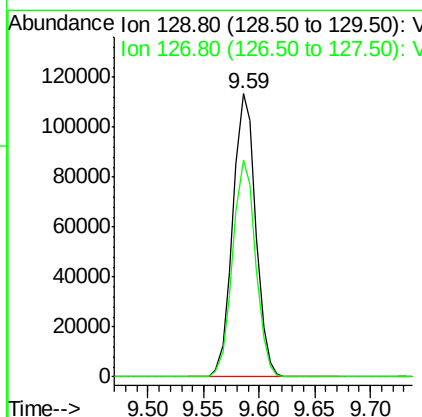
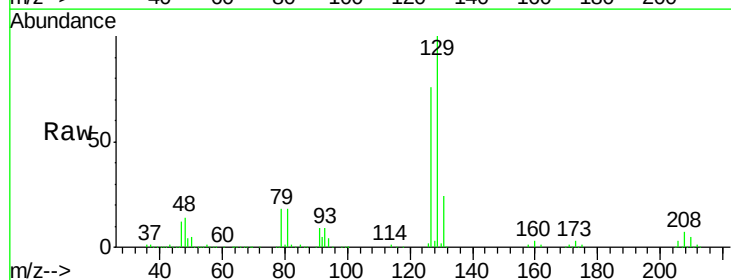
Manual Integrations
APPROVED

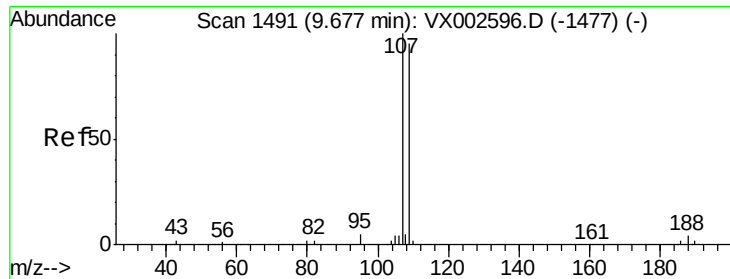
apatel
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#60
Dibromochloromethane
Concen: 53.45 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 129 Resp: 162204
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





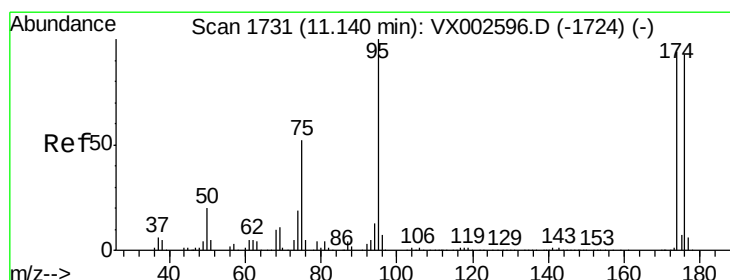
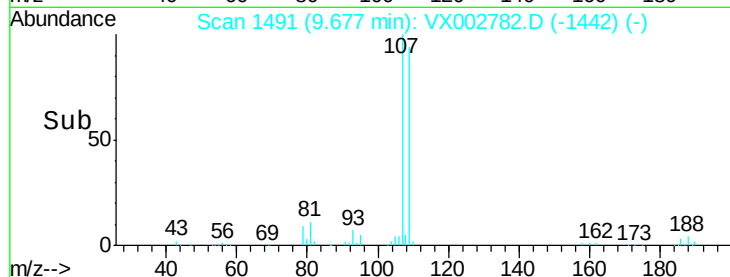
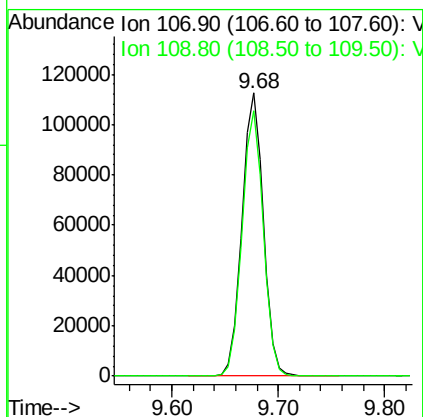
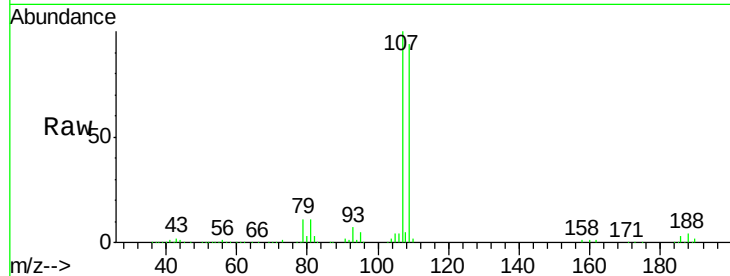
#61
 1,2-Dibromoethane
 Concen: 57.26 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.3	112.9

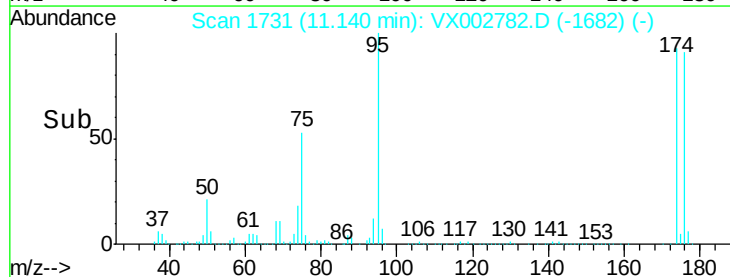
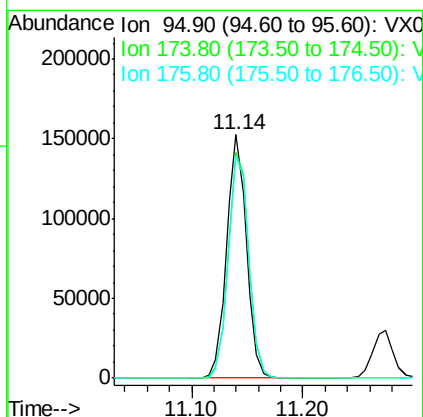
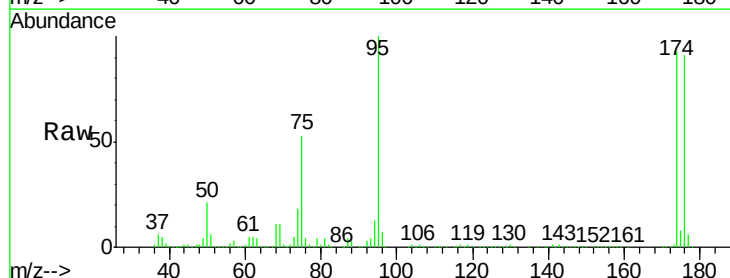
Manual Integrations
 APPROVED

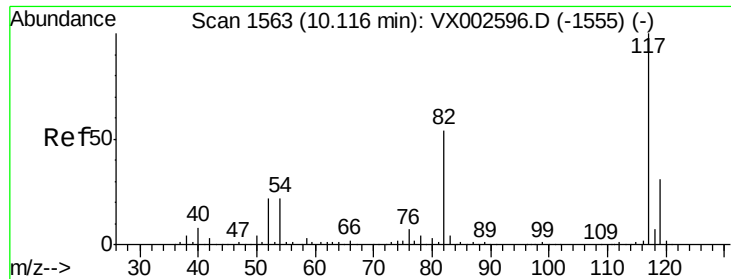
apatel
 6/22/2018 1:59:15 PM



#62
 4-Bromofluorobenzene
 Concen: 49.76 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	187.4
176	94.5	0.0	181.0





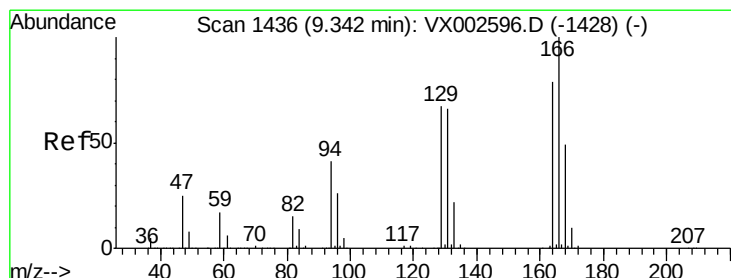
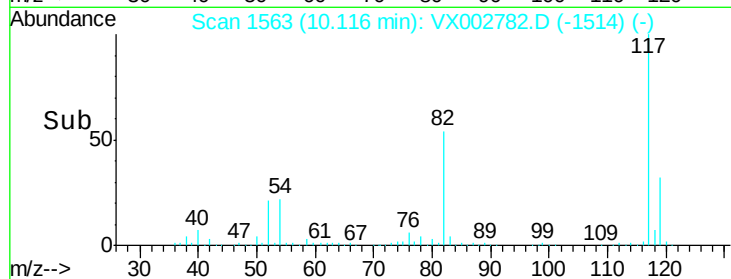
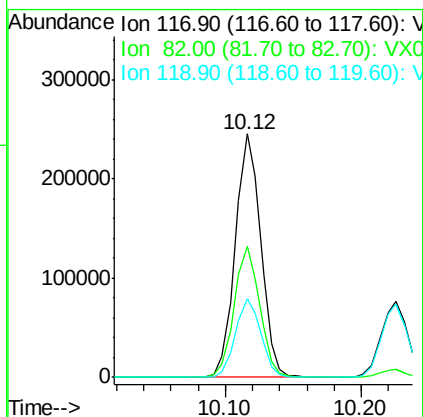
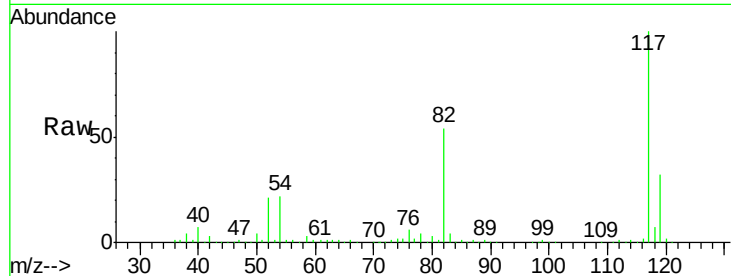
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.0	67.4
119	32.1	25.8	38.6

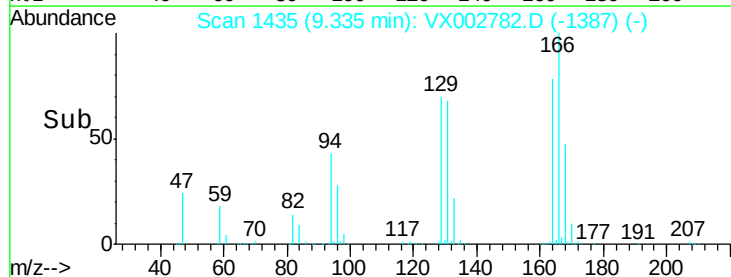
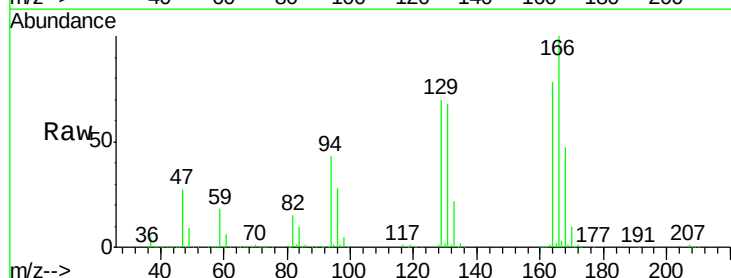
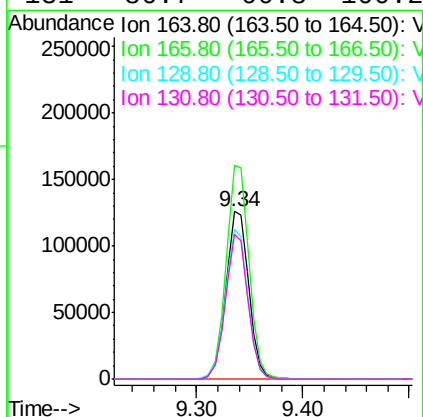
Manual Integrations
APPROVED

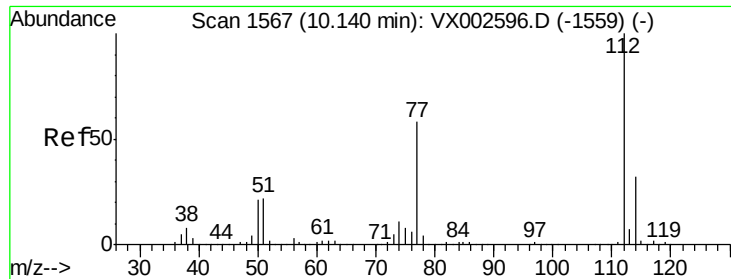
apatel
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#64
Tetrachloroethene
Concen: 53.10 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	102.9	154.3
129	89.9	68.6	102.8
131	86.7	66.8	100.2





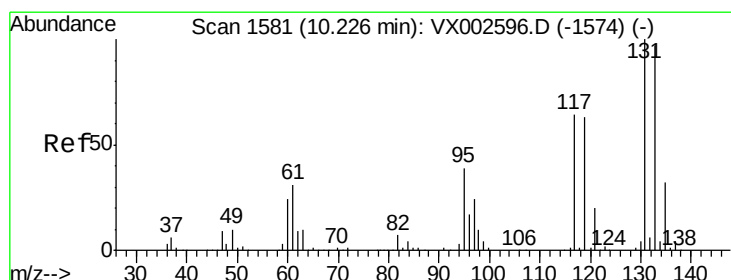
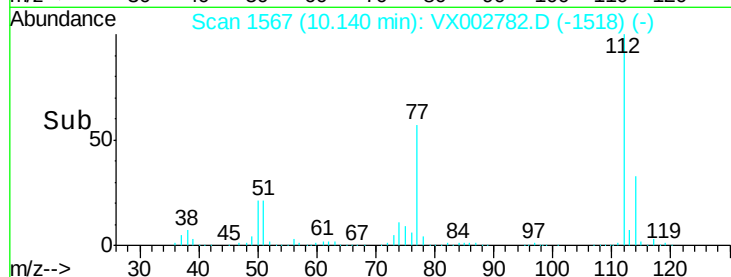
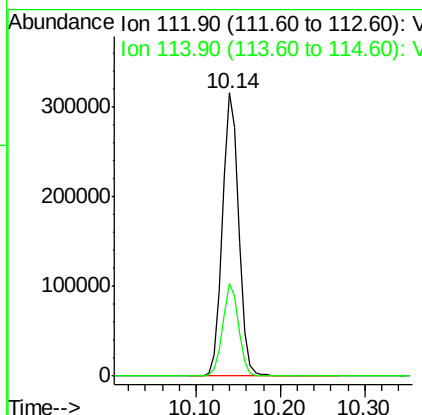
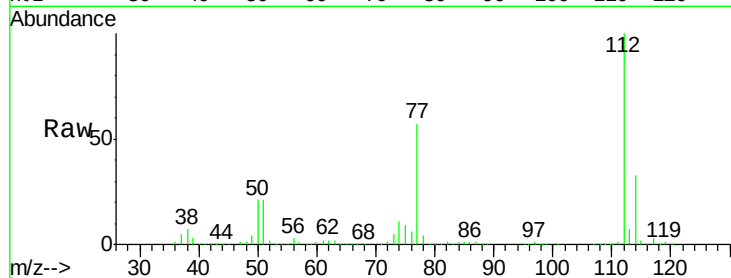
#65
Chlorobenzene
Concen: 53.75 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 423393
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

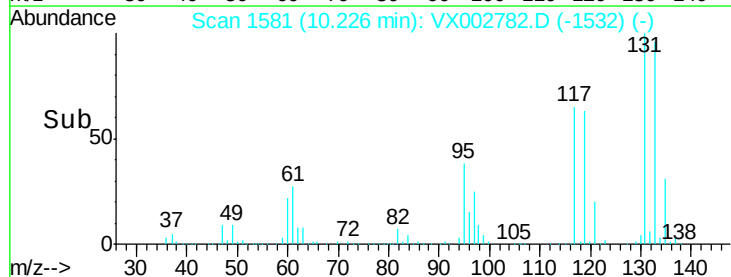
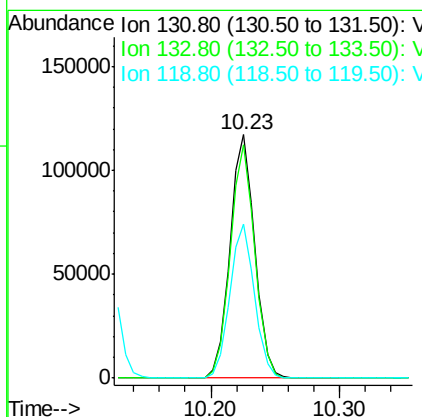
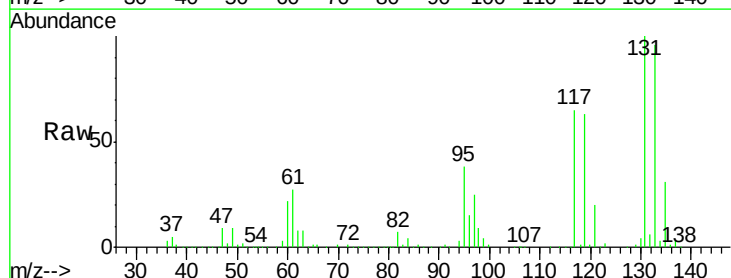
Manual Integrations
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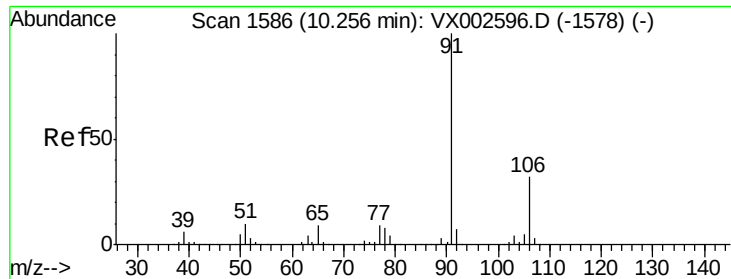
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.64 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion:131 Resp: 157463
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 62.9 31.8 95.3





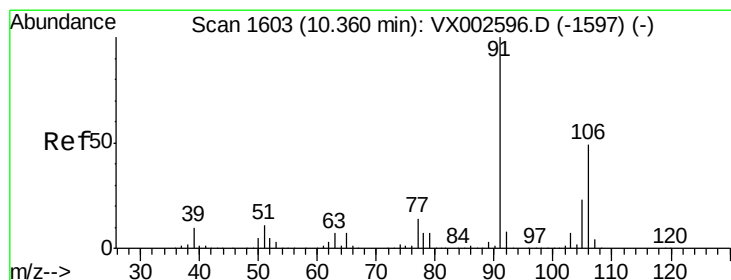
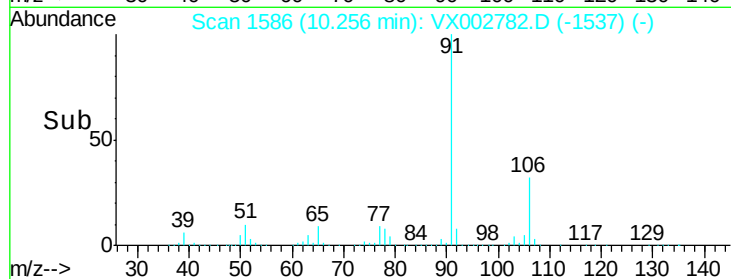
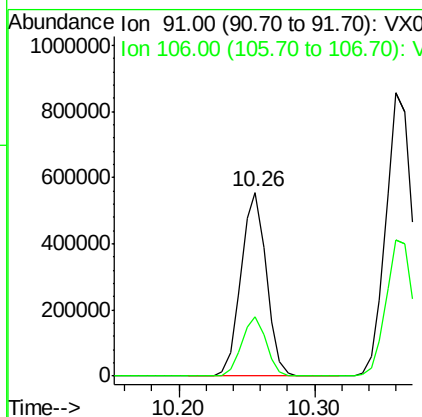
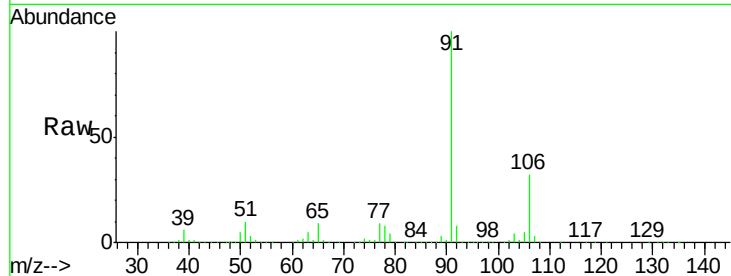
#67
Ethyl Benzene
Concen: 54.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 725507
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3

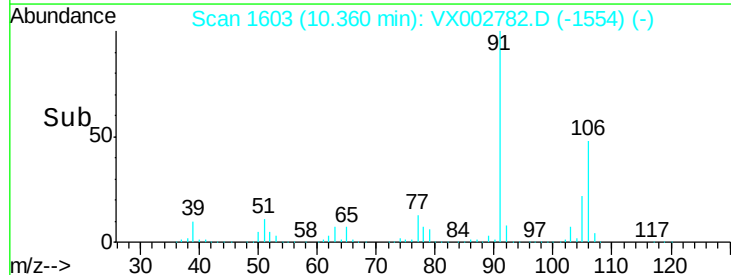
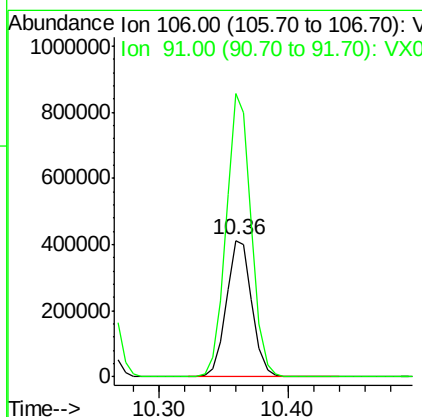
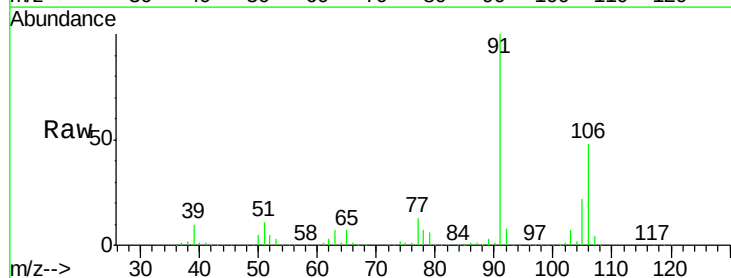
Manual Integrations
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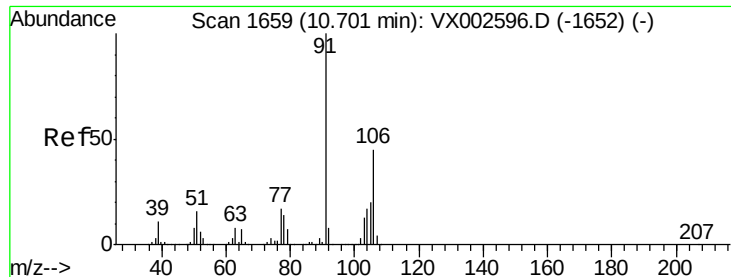
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#68
m/p-Xylenes
Concen: 111.51 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 106 Resp: 571478
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.2





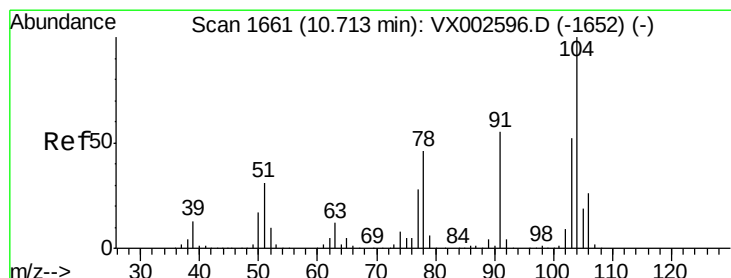
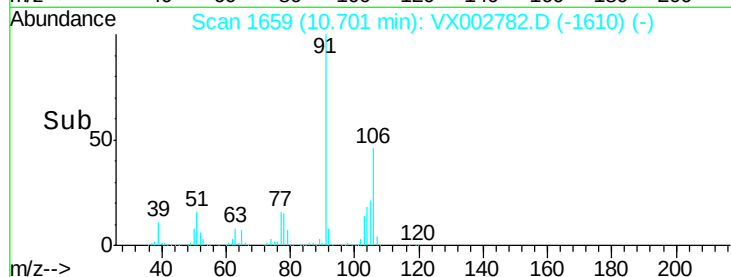
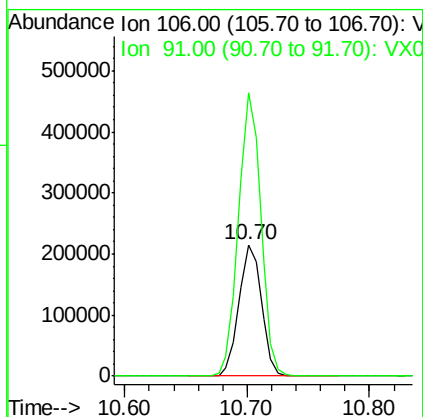
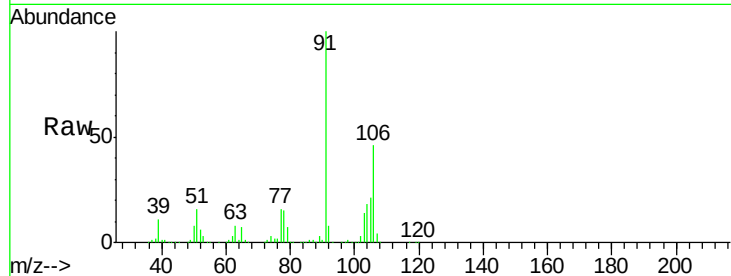
#69
o-Xylene
Concen: 54.24 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	108.2	324.6

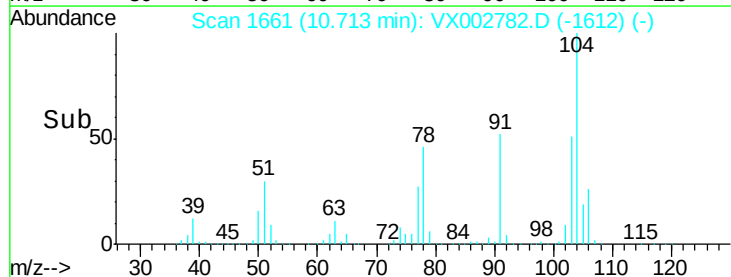
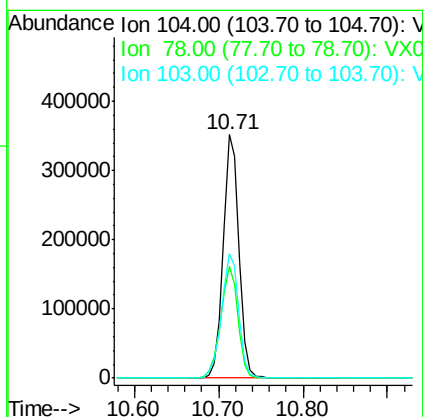
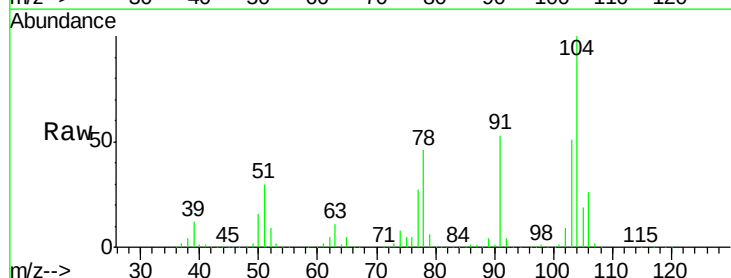
Manual Integrations
APPROVED

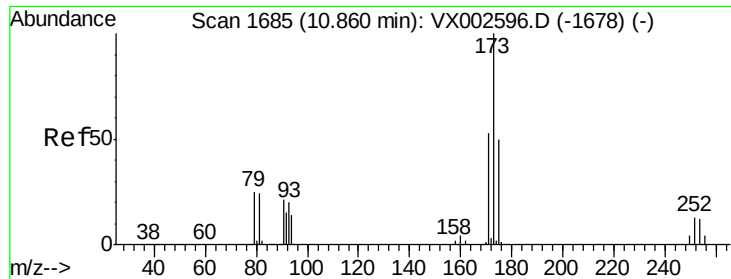
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#70
Styrene
Concen: 55.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.0	61.6
103	55.7	44.2	66.4





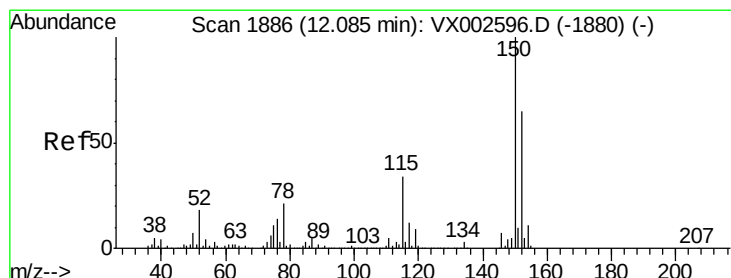
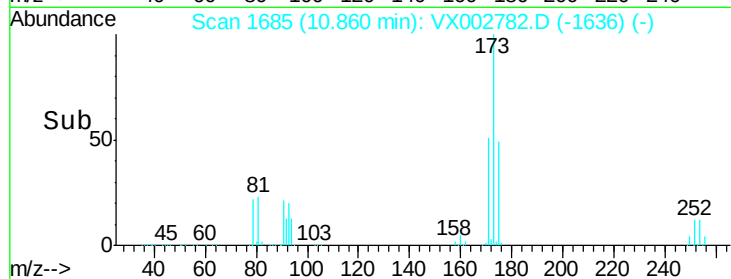
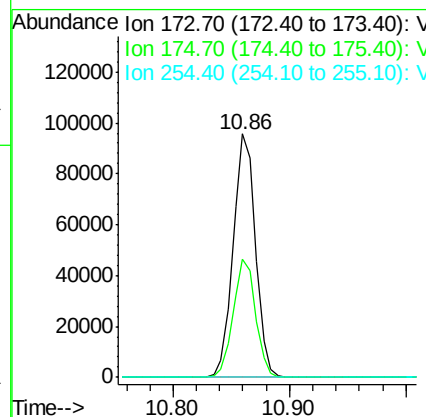
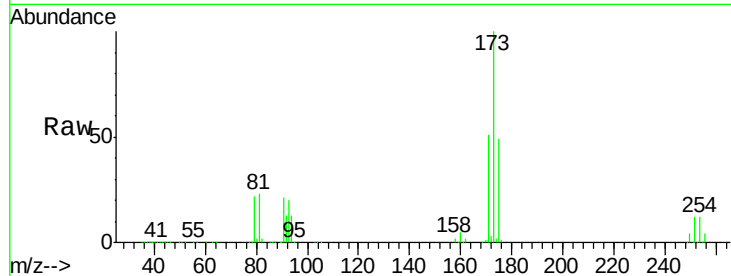
#71
Bromoform
Concen: 51.88 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

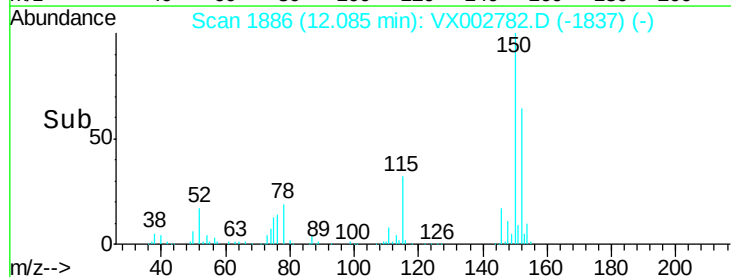
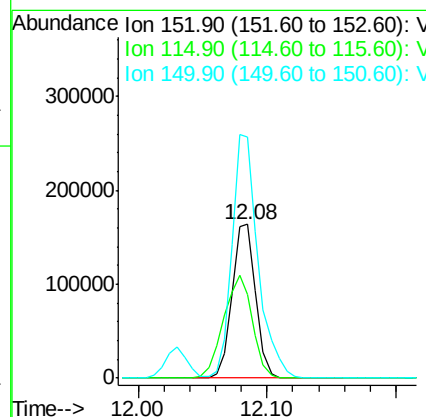
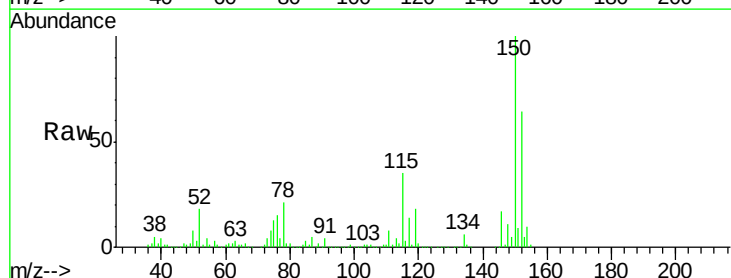
Manual Integrations
APPROVED

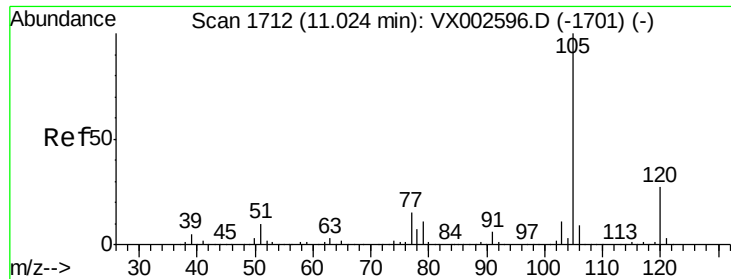
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.4	40.1	120.2
150	174.9	0.0	347.2





#73

Isopropylbenzene

Concen: 53.41 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 752618

Ion Ratio Lower Upper

105 100

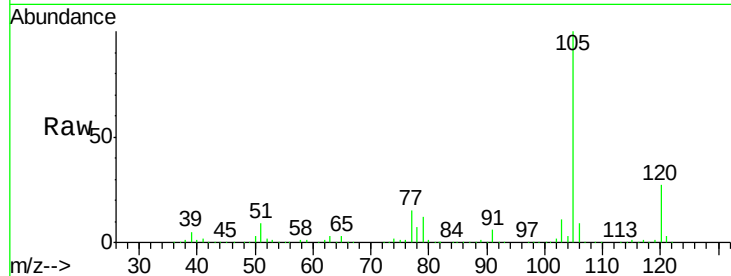
120 27.0 13.5 40.4

Manual Integrations

APPROVED

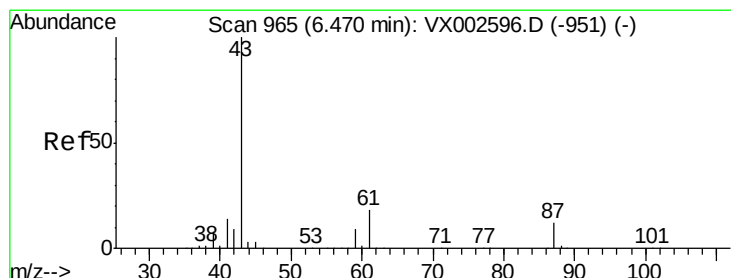
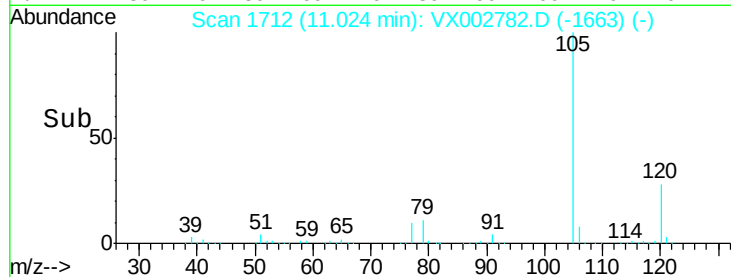
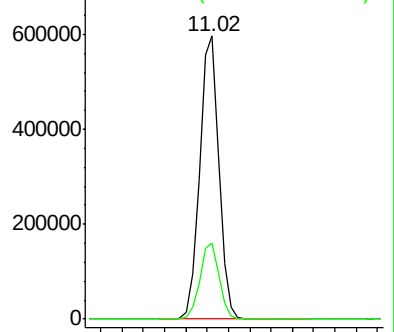
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.69 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion: 43 Resp: 333911

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

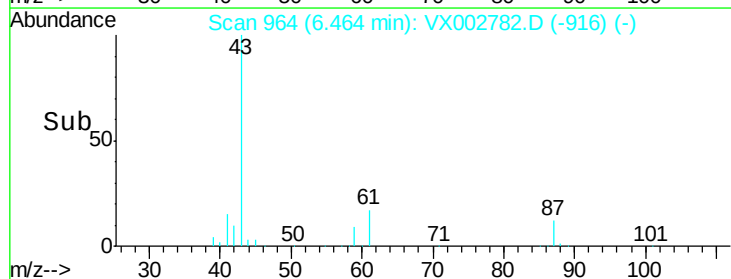
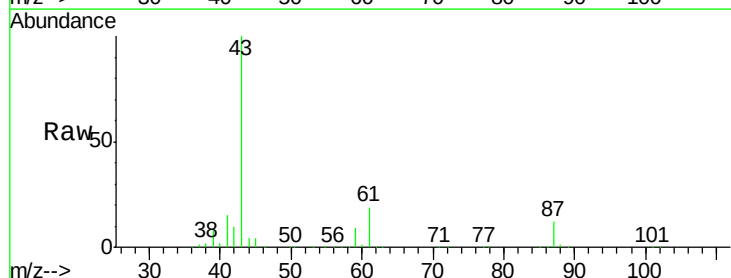
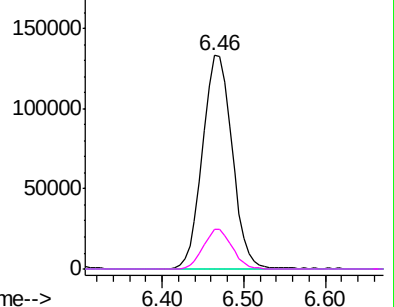
61 18.2 14.4 21.6

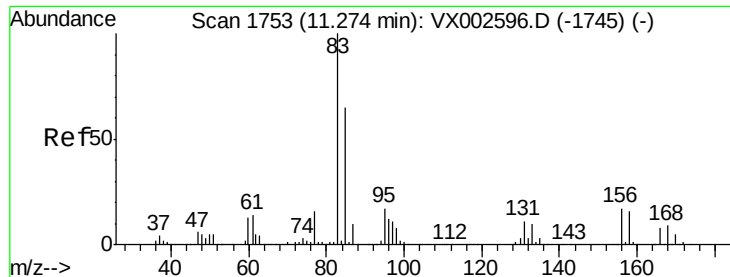
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

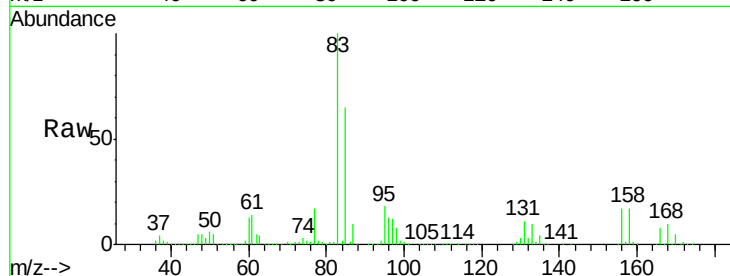
ClientSampleId :

VSTDCCC050

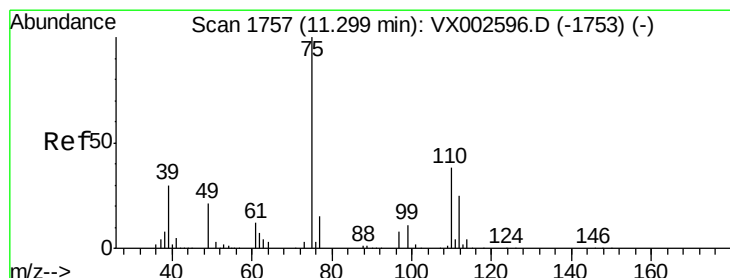
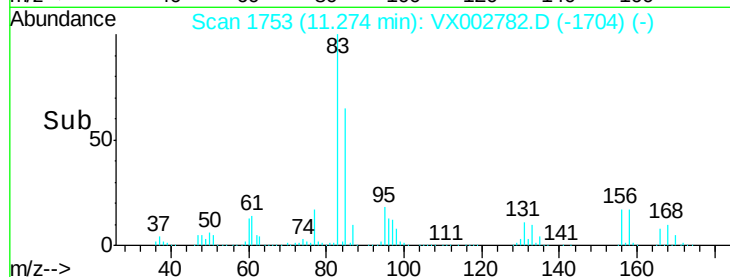
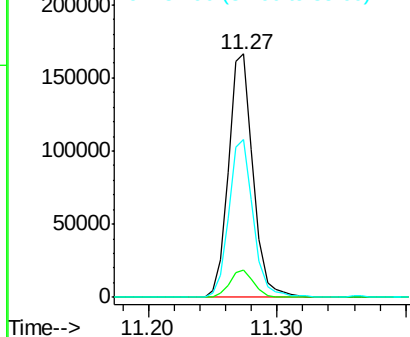
Tot Ion:	83	Resp:	222184
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.2	32.4	97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.58 ug/l m

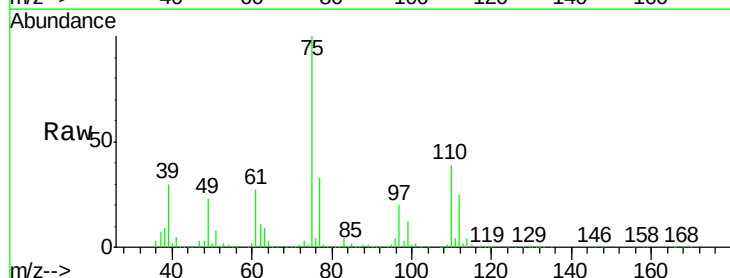
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

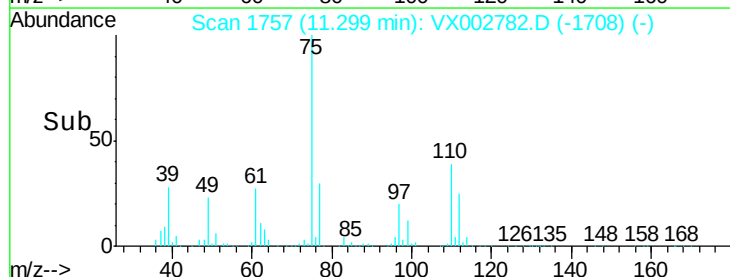
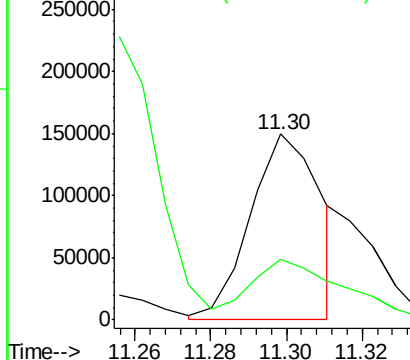
Lab File: VX002782.D

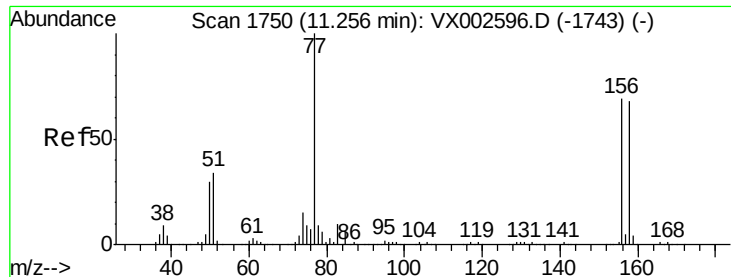
Acq: 21 Jun 2018 10:32

Tgt Ion:	75	Resp:	193142
Ion Ratio	Lower	Upper	
75	100		
77	43.3	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.39 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

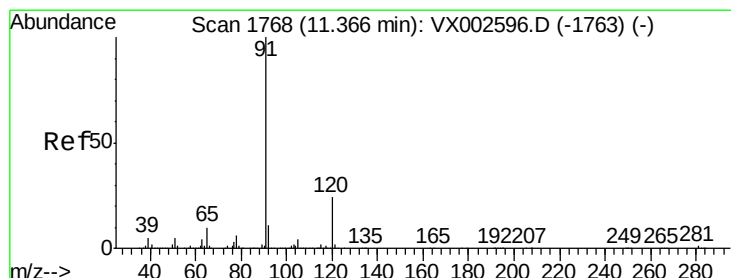
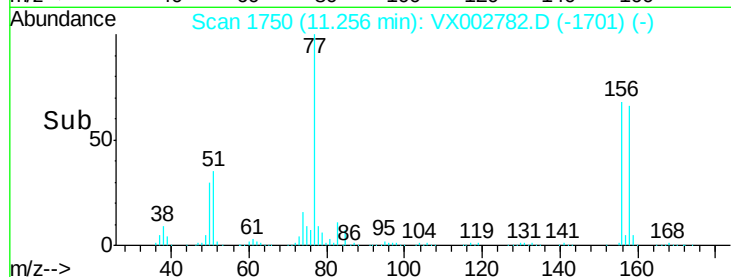
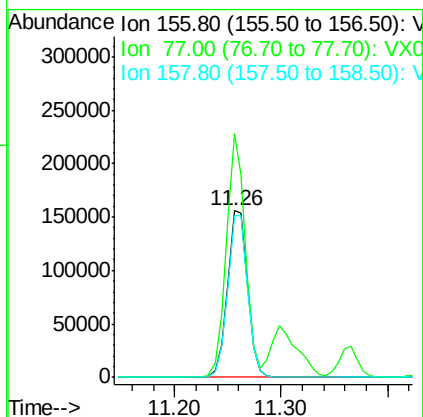
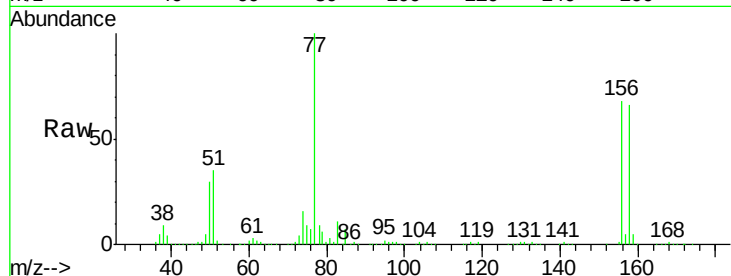
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	205700
Ion Ratio	Lower	Upper	
156	100		
77	137.8	71.4	214.2
158	97.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.94 ug/l

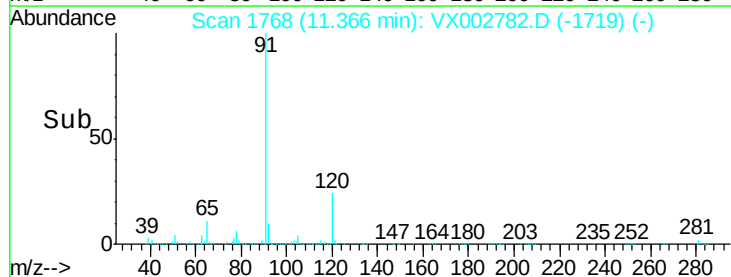
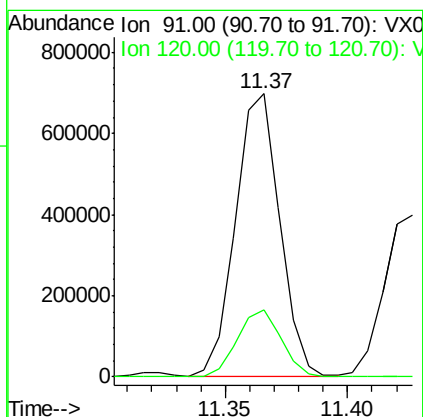
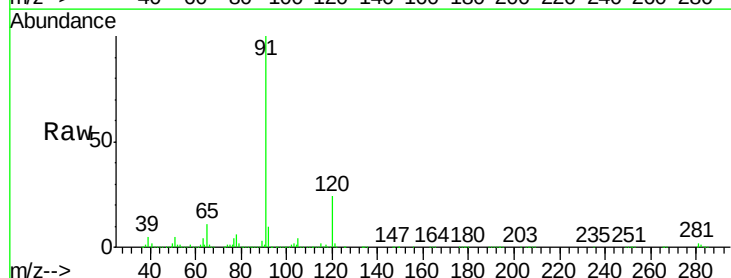
RT: 11.37 min Scan# 1768

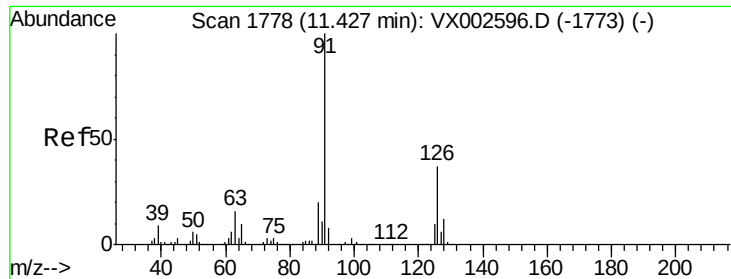
Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion:	91	Resp:	871808
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 52.82 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 509664

Ion Ratio Lower Upper

91 100

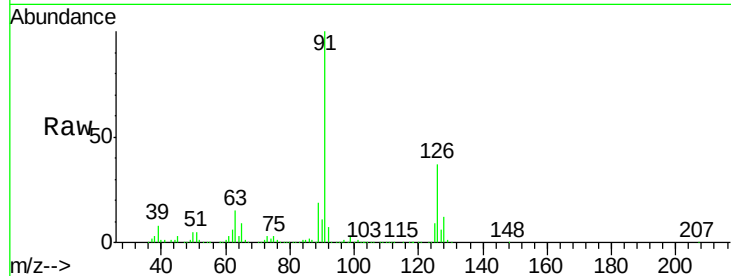
126 35.6 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002782.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX002782.D (-1729) (-)

800000

600000

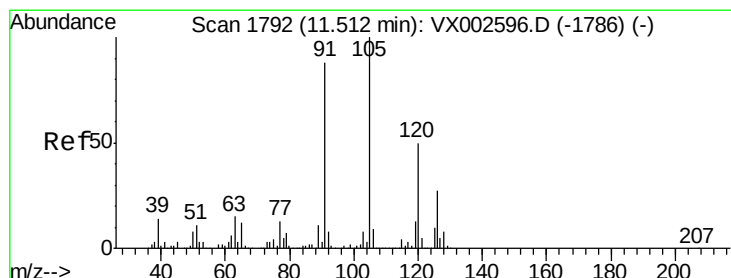
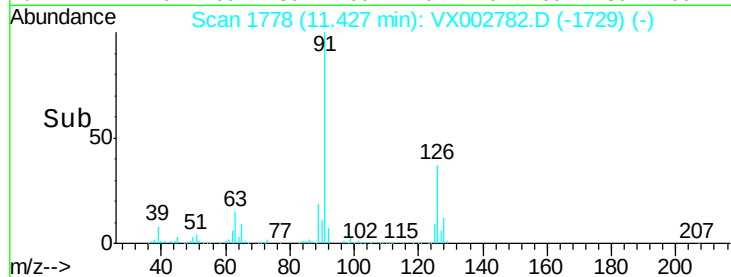
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002782.D

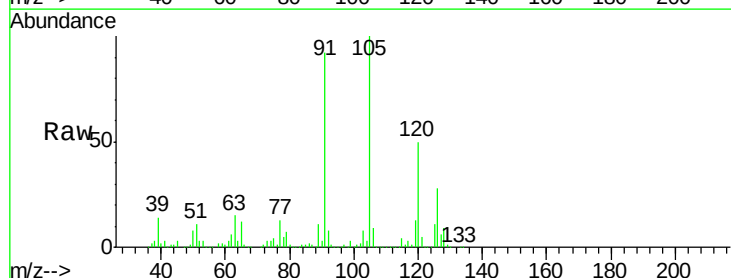
Acq: 21 Jun 2018 10:32

Tgt Ion: 105 Resp: 643502

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002782.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX002782.D (-1743) (-)

600000

500000

400000

300000

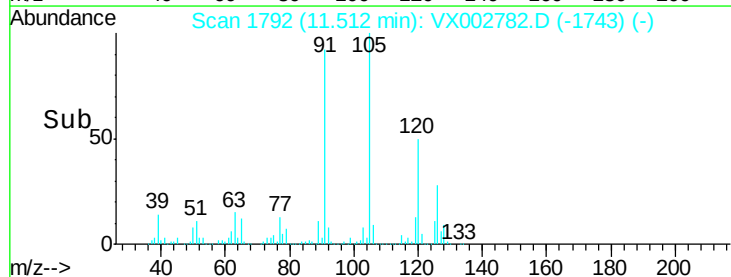
200000

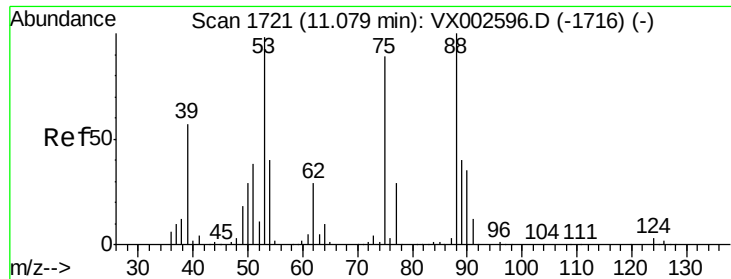
100000

0

11.50 11.60

Time-->





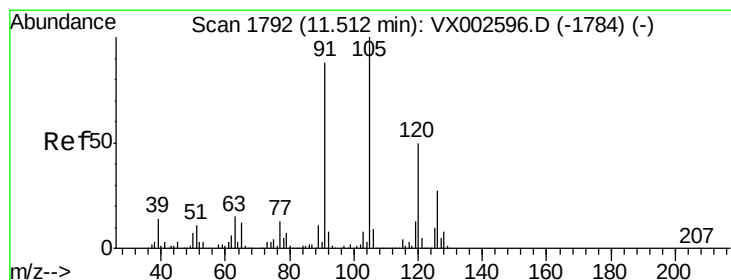
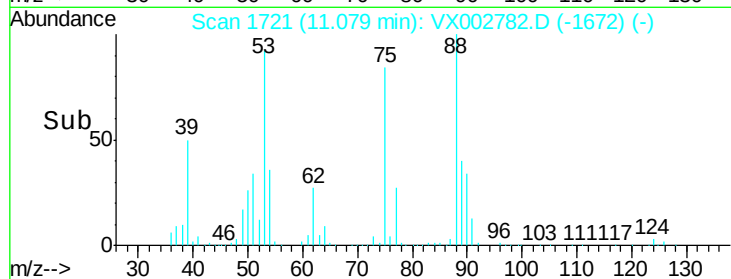
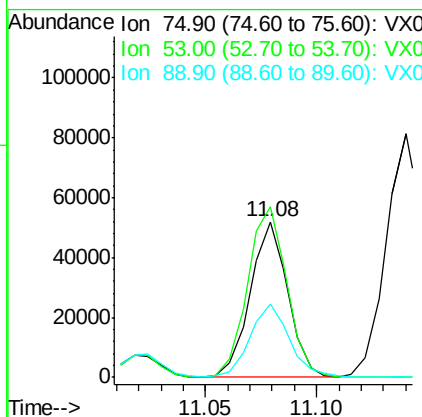
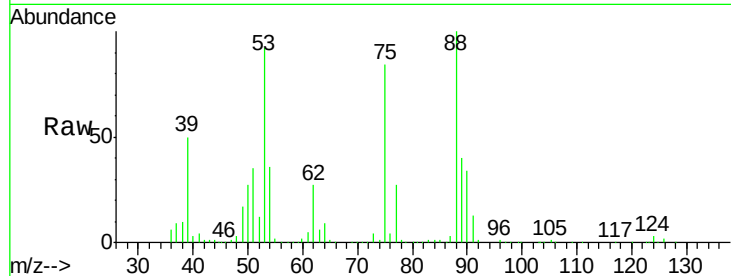
#81
trans-1,4-Dichloro-2-butene
Concen: 48.83 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.2	86.8	130.2
89	50.1	38.2	57.2

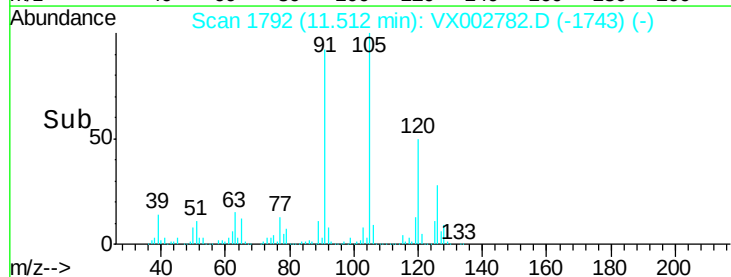
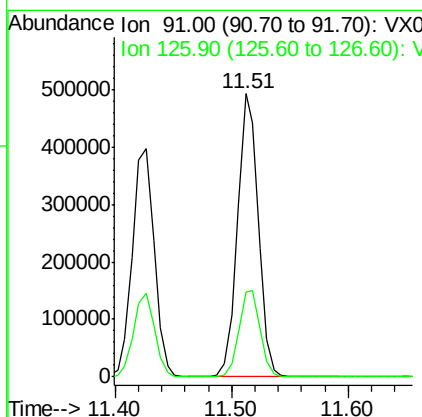
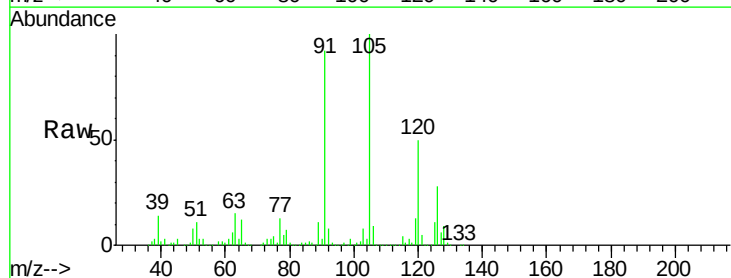
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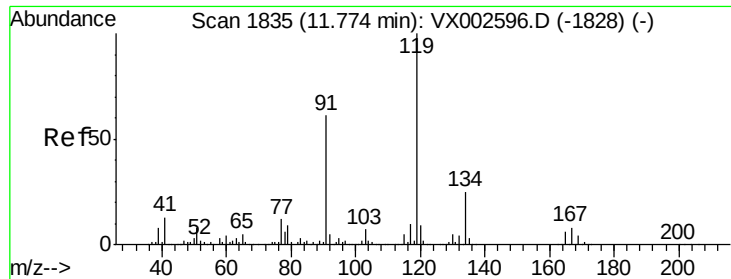
apatel
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#82
4-Chlorotoluene
Concen: 53.78 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4





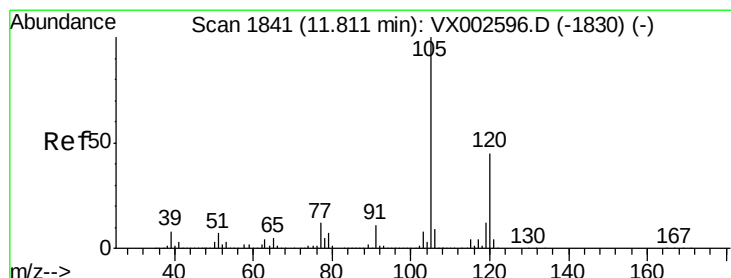
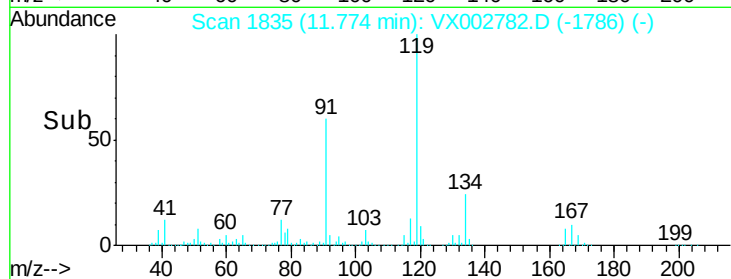
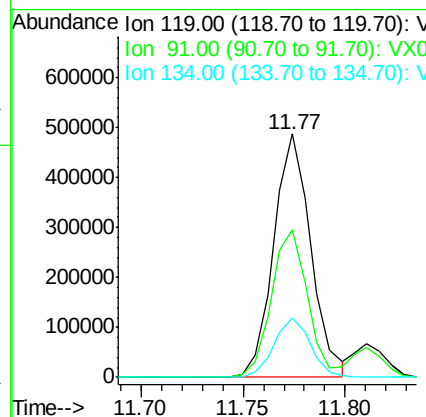
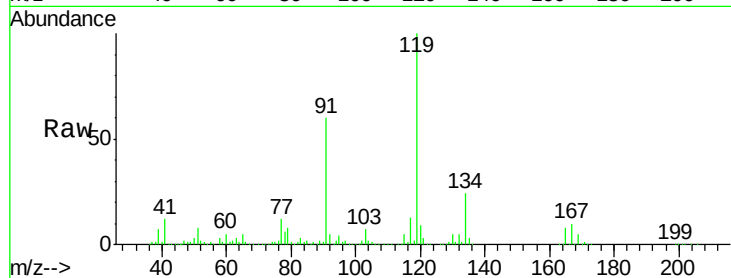
#83
 tert-Butylbenzene
 Concen: 53.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.3	90.9
134	23.8	11.7	35.1

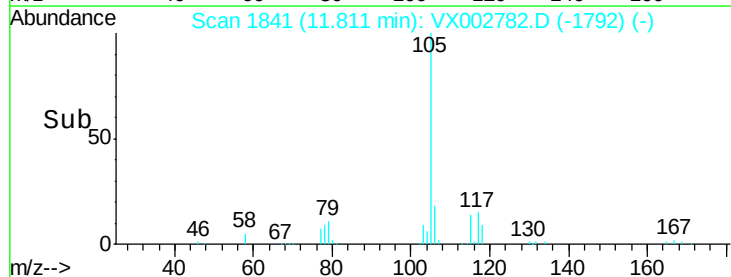
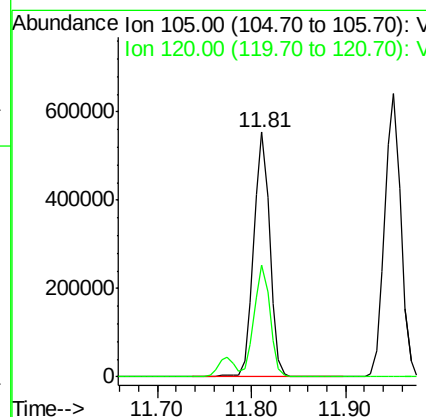
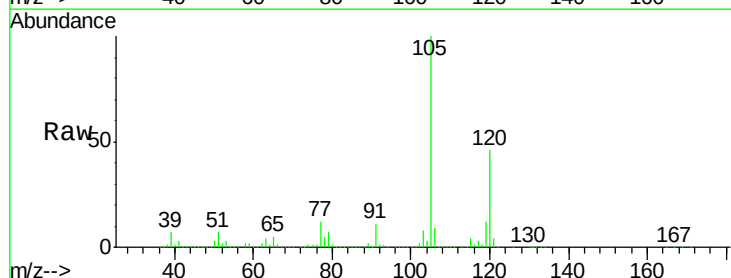
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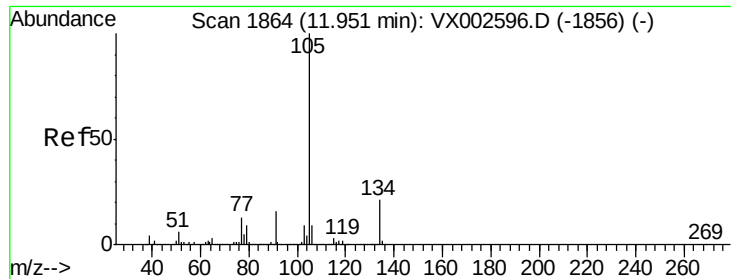
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.65 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.8





#85

sec-Butylbenzene

Concen: 53.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 767709

Ion Ratio Lower Upper

105 100

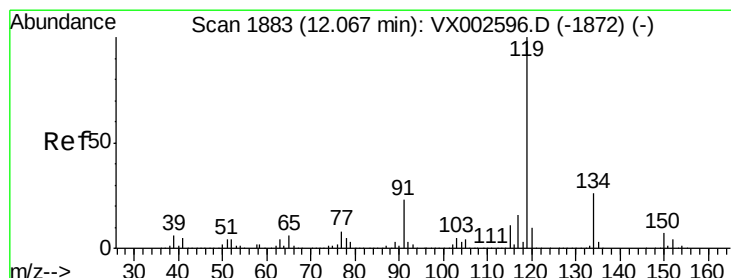
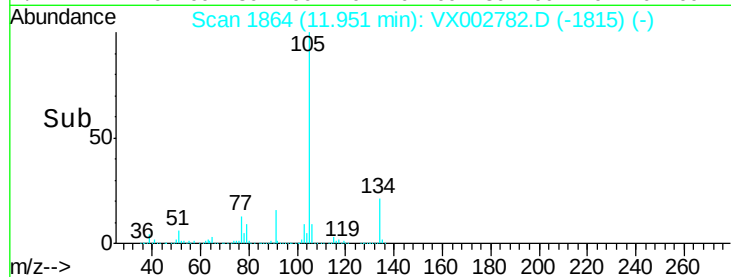
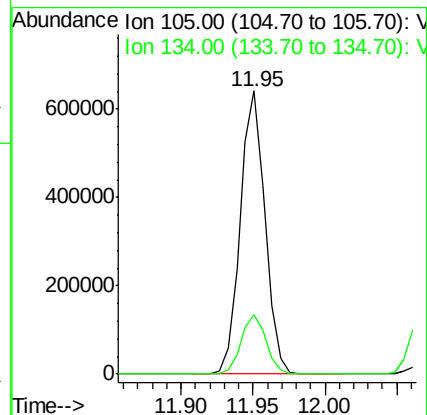
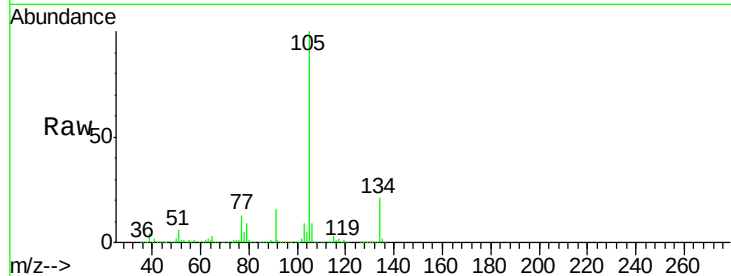
134 21.0 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

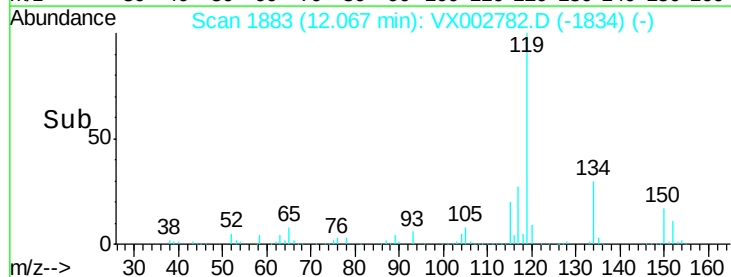
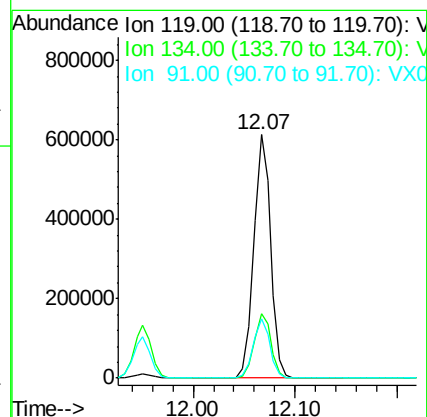
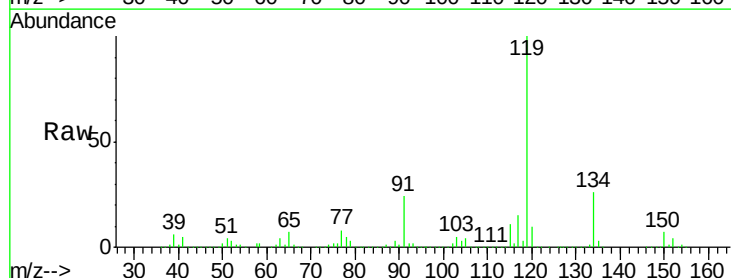
Tgt Ion:119 Resp: 707933

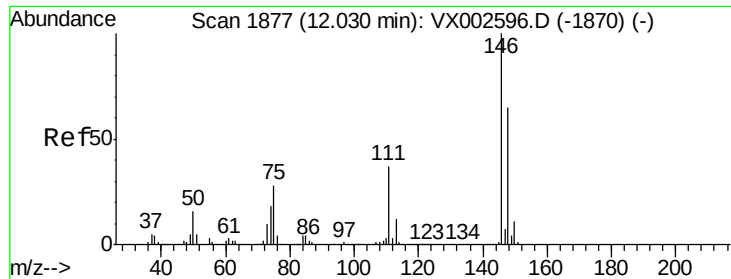
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.9 11.9 35.7





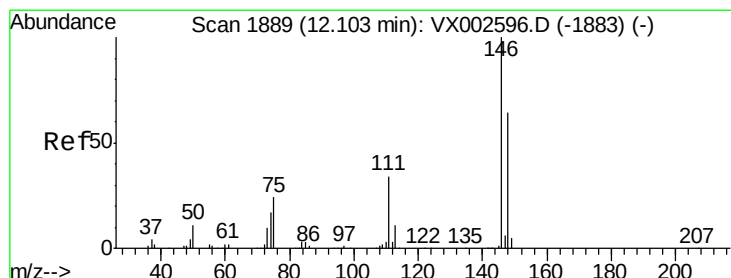
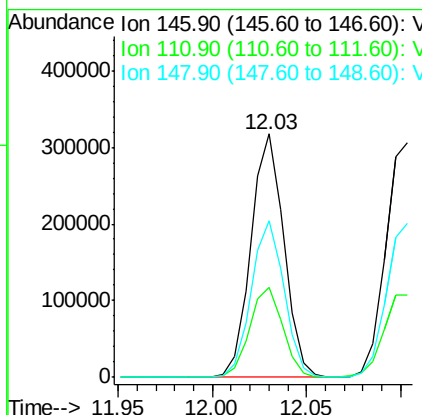
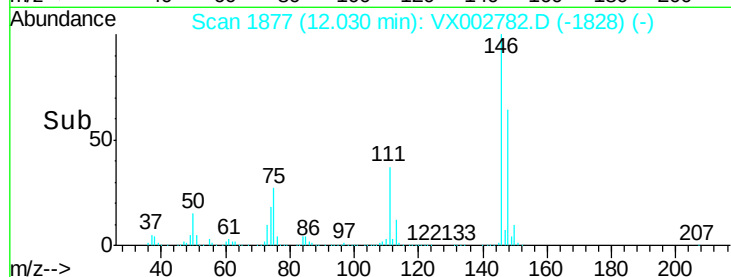
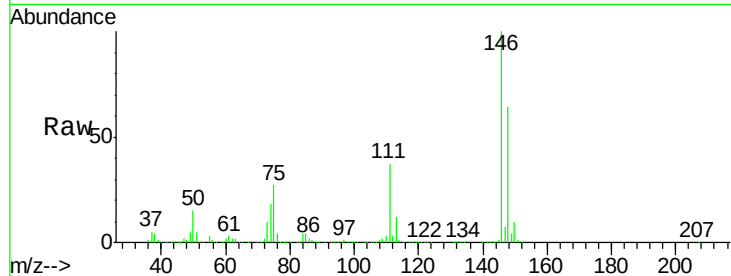
#87
 1,3-Dichlorobenzene
 Concen: 53.41 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	384510		
111	37.3	18.9	56.7	
148	64.0	32.1	96.3	

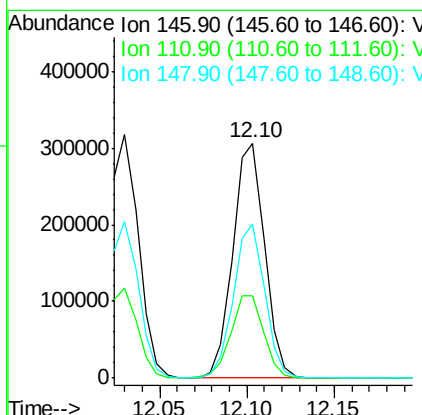
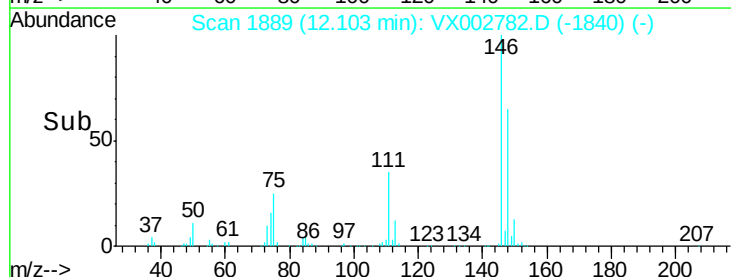
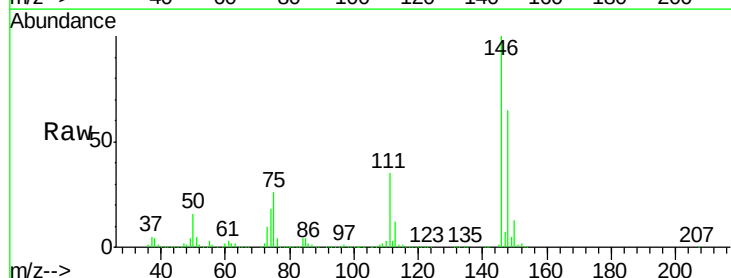
Manual Integrations
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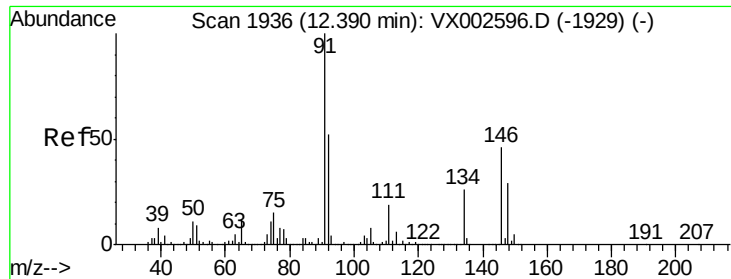
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#88
 1,4-Dichlorobenzene
 Concen: 52.90 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	387526		
111	36.4	18.7	56.1	
148	64.7	32.4	97.0	





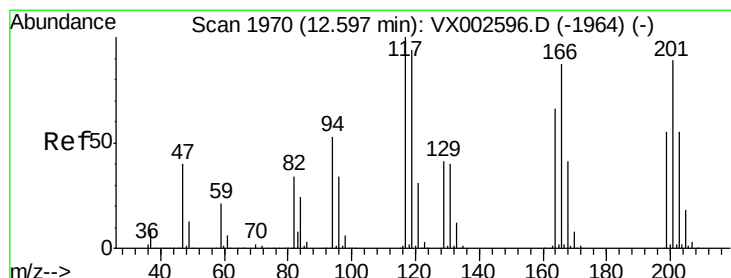
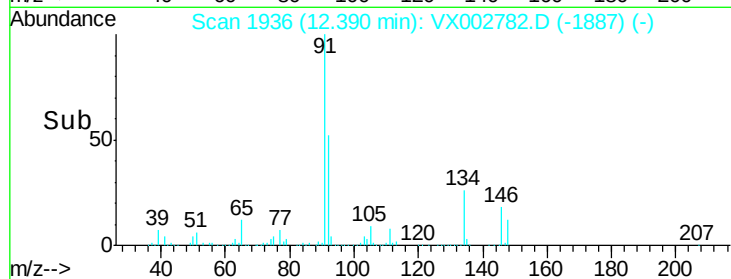
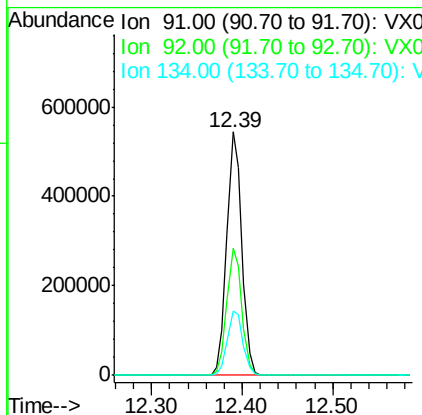
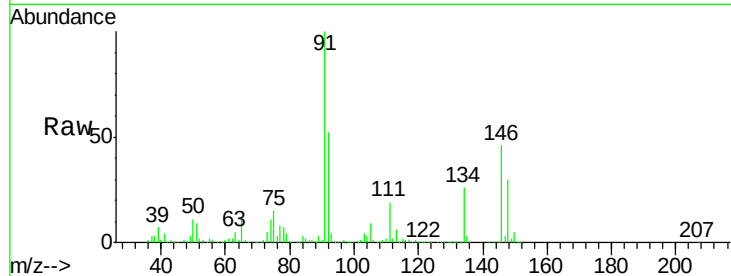
#89
n-Butylbenzene
Concen: 54.87 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.0	13.5	40.5

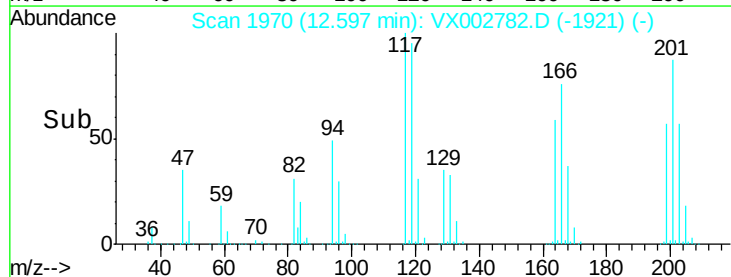
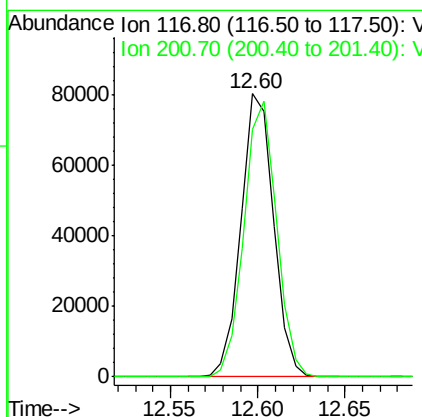
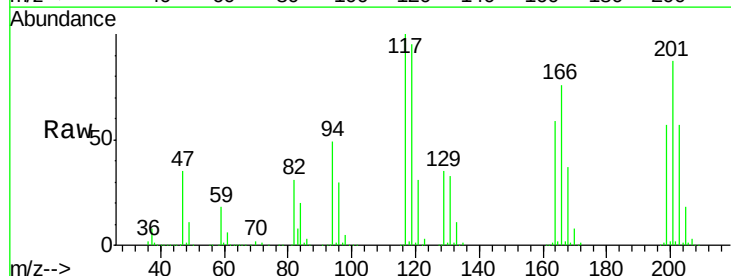
Manual Integrations
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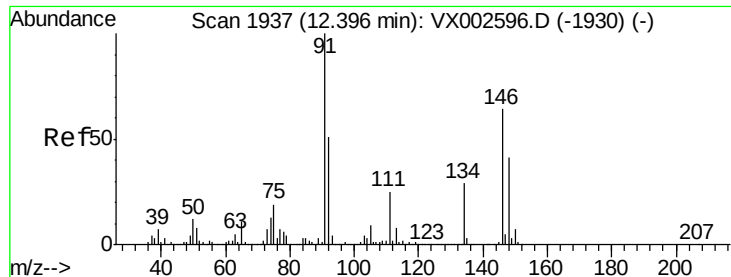
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#90
Hexachloroethane
Concen: 51.66 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.4	49.0	147.0





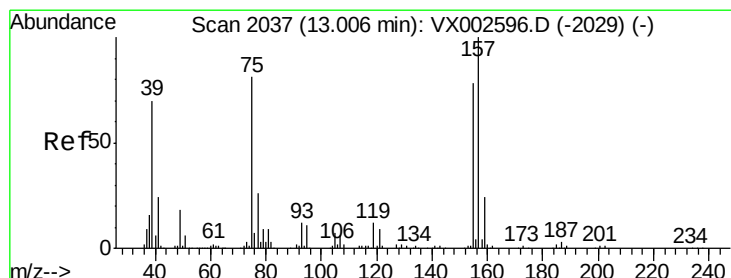
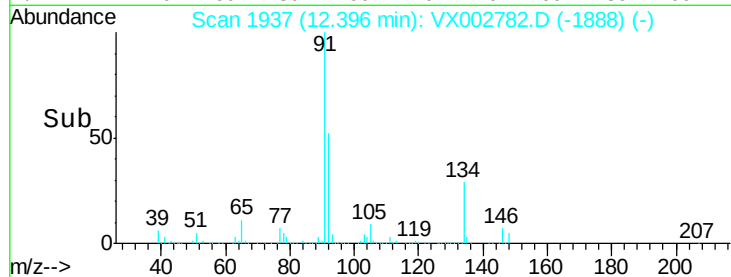
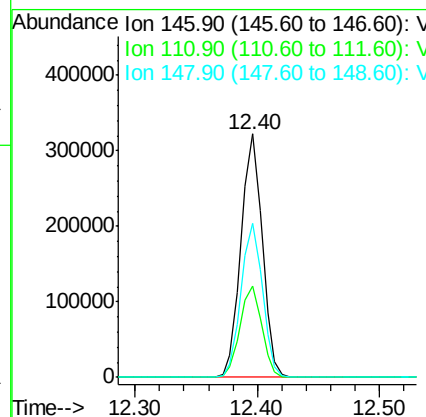
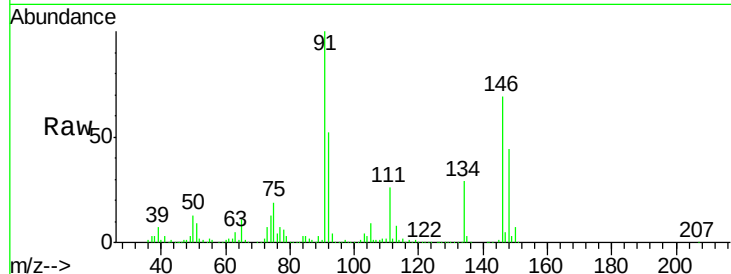
#91
 1,2-Dichlorobenzene
 Concen: 53.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	63.9	31.7	95.1

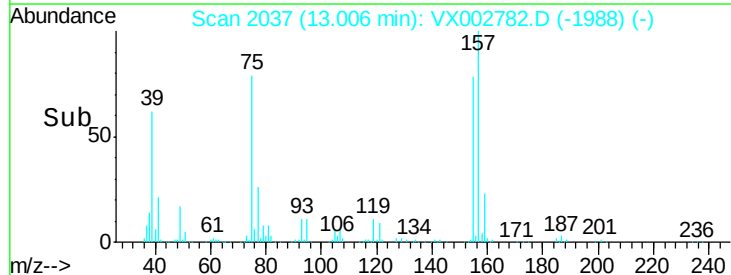
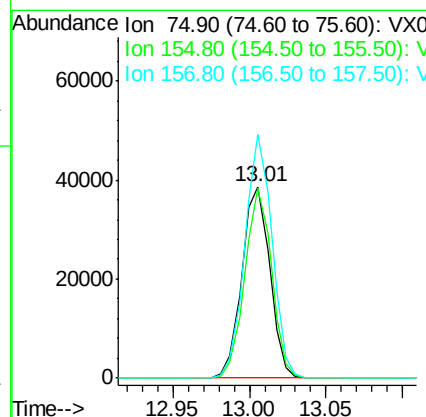
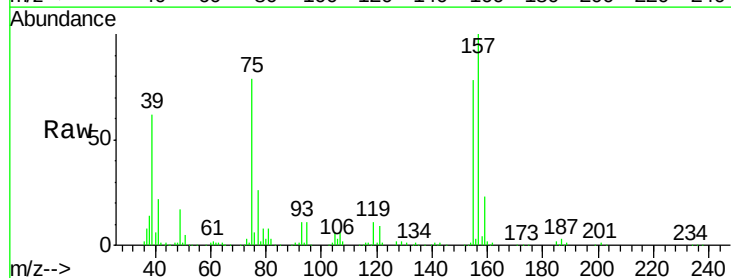
Manual Integrations
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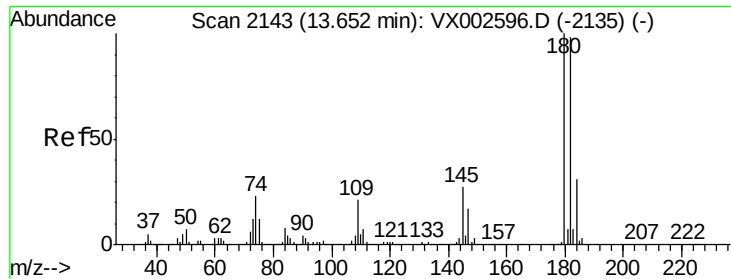
apatel
 6/22/2018 1:59:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.16 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	45.8	137.4
157	123.6	60.1	180.3





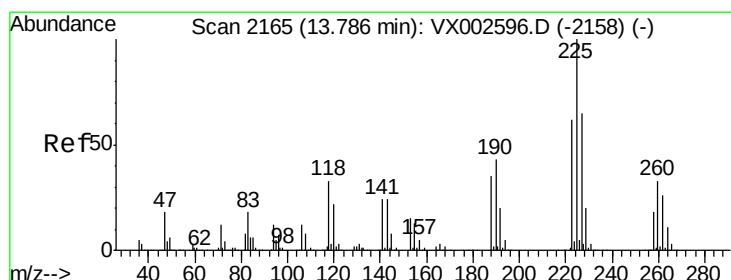
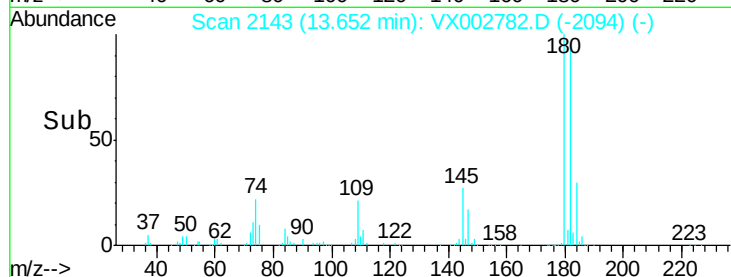
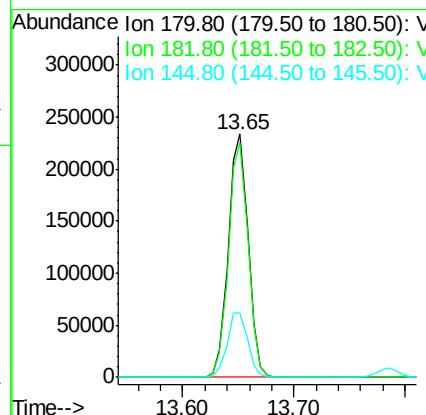
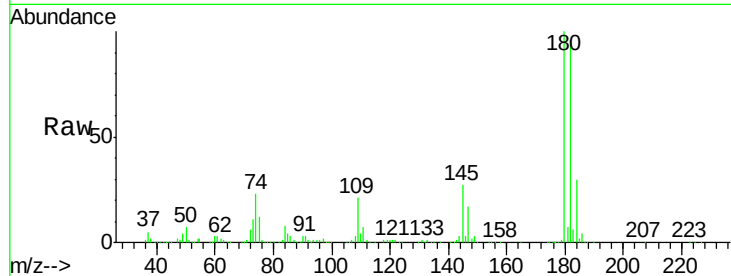
#93
 1,2,4-Trichlorobenzene
 Concen: 54.51 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	27.6	14.1	42.4

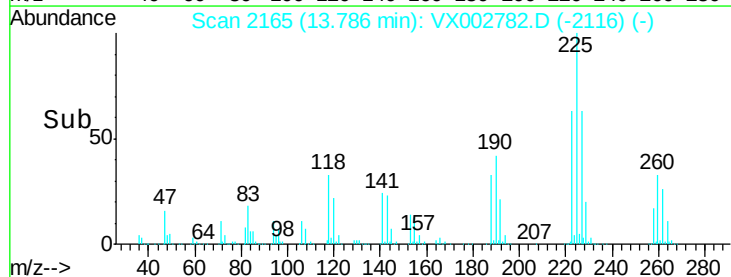
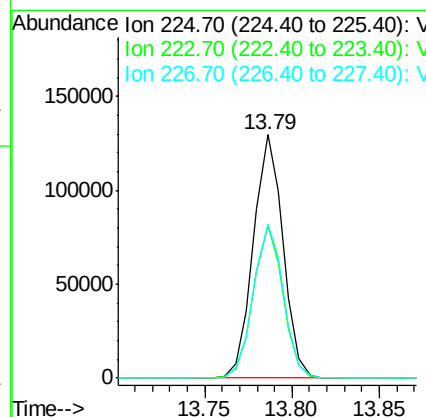
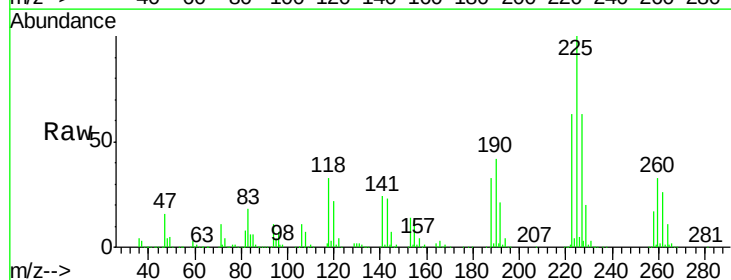
Manual Integrations
 APPROVED

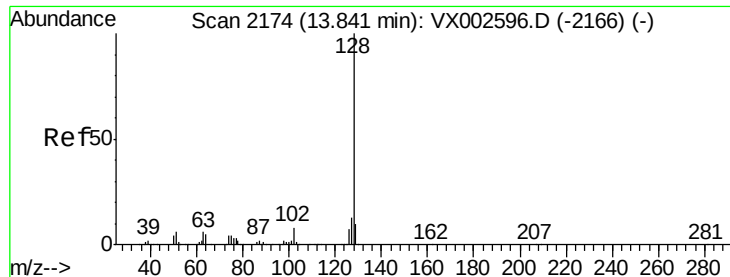
apatel
 6/22/2018 1:59:15 PM



#94
 Hexachlorobutadiene
 Concen: 55.31 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.6	95.0
227	63.8	32.4	97.2





#95

Naphthalene

Concen: 53.74 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

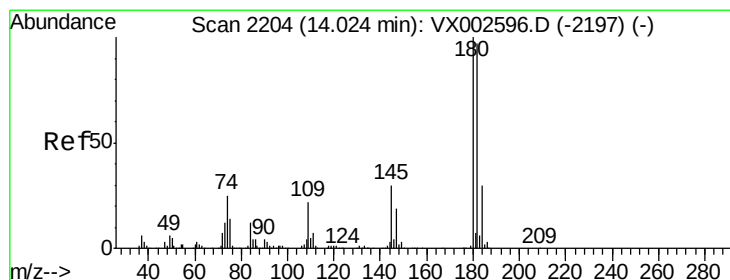
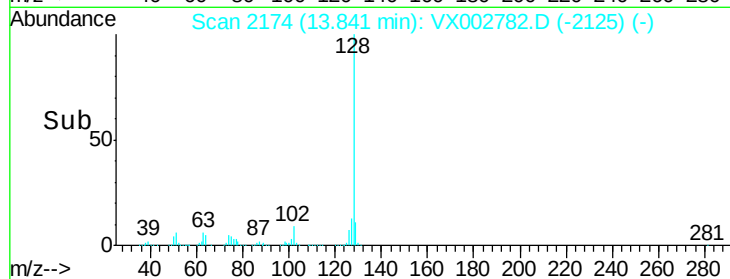
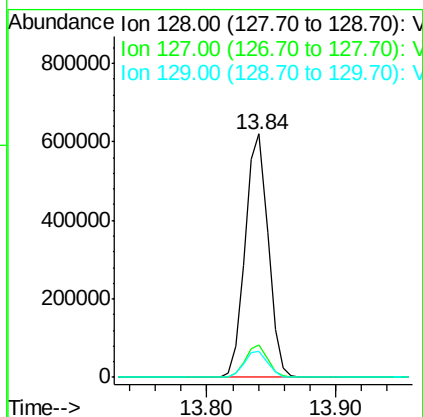
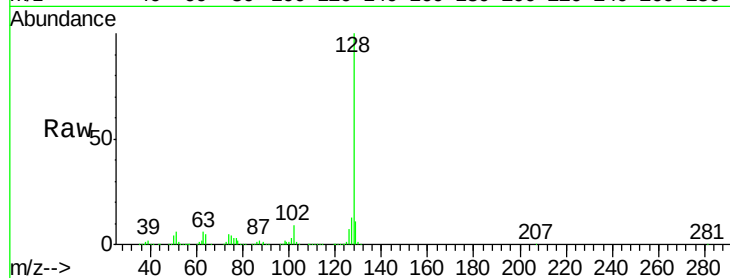
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	760548
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
6/22/2018 1:59:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.87 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion:	180	Resp:	284554
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.0
145	29.7	14.8	44.3

