

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002804.D
 Acq On : 21 Jun 2018 22:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 6/22/2018 1:59:44 PM

Quant Time: Jun 22 02:28:53 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	238980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208775	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161371	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	5.51	113	130454	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.72	98	466694	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.14	95	184232	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113964	44.92	ug/l	99
3) Chloromethane	1.32	50	126055	41.77	ug/l	99
4) Vinyl Chloride	1.40	62	138816	44.33	ug/l	100
5) Bromomethane	1.64	94	60957	32.26	ug/l	97
6) Chloroethane	1.71	64	91111	44.14	ug/l	99
7) Trichlorofluoromethane	1.92	101	247021	48.55	ug/l	99
8) Diethyl Ether	2.19	74	87430	45.18	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136952	48.15	ug/l	99
10) Methyl Iodide	2.51	142	141793	38.30	ug/l	100
11) Tert butyl alcohol	3.09	59	175002	233.10	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123494	46.25	ug/l	97
13) Acrolein	2.30	56	79869	227.56	ug/l	99
14) Allyl chloride	2.73	41	241596	45.57	ug/l	100
15) Acrylonitrile	3.15	53	394088	240.55	ug/l	100
16) Acetone	2.45	43	369973	230.91	ug/l	99
17) Carbon Disulfide	2.57	76	328904	51.93	ug/l	100
18) Methyl Acetate	2.78	43	229338	53.73	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	455581	45.48	ug/l	100
20) Methylene Chloride	2.85	84	140890	42.89	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	133628	46.13	ug/l	99
22) Diisopropyl ether	3.88	45	464206	48.39	ug/l	99
23) Vinyl Acetate	3.83	43	1943515	242.08	ug/l	99
24) 1,1-Dichloroethane	3.70	63	259441	49.83	ug/l	98
25) 2-Butanone	4.71	43	554767	263.65	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148906	39.80	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	146935	49.85	ug/l	96
28) Bromochloromethane	5.02	49	113842	46.69	ug/l	94
29) Tetrahydrofuran	5.17	42	359486	260.68	ug/l	98
30) Chloroform	5.22	83	261589	52.10	ug/l	97
31) Cyclohexane	5.58	56	219900	51.30	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	230135	54.81	ug/l	100
36) 1,1-Dichloropropene	5.80	75	189771	54.17	ug/l	99
37) Ethyl Acetate	4.87	43	213485	53.84	ug/l	100
38) Carbon Tetrachloride	5.79	117	209705	60.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223223	54.51	ug/l	98
40) Benzene	6.15	78	561683	53.47	ug/l	100
41) Methacrylonitrile	5.07	41	123034	54.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222019	54.59	ug/l	100
43) Isopropyl Acetate	6.47	43	347605	52.91	ug/l	99
44) Trichloroethene	7.21	130	162989	53.76	ug/l	97
45) 1,2-Dichloropropane	7.52	63	148306	53.65	ug/l	99
46) Dibromomethane	7.66	93	103151	55.78	ug/l	98
47) Bromodichloromethane	7.90	83	195908	60.06	ug/l	100
48) Methyl methacrylate	7.78	41	187274	55.78	ug/l	98
49) 1,4-Dioxane	7.76	88	70341	1106.43	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1168302	276.98	ug/l	99
52) Toluene	8.79	92	365756	54.59	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	216754	50.19	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	202093	49.13	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	149395	55.18	ug/l	99
56) Ethyl methacrylate	9.18	69	222176	53.32	ug/l	98
57) 1,3-Dichloropropane	9.38	76	246537	53.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	518392	257.23	ug/l	99
59) 2-Hexanone	9.50	43	902114	283.82	ug/l	99
60) Dibromochloromethane	9.59	129	161283	52.73	ug/l	99
61) 1,2-Dibromoethane	9.68	107	160614	57.28	ug/l	99
64) Tetrachloroethene	9.34	164	194602	54.42	ug/l	99
65) Chlorobenzene	10.14	112	423901	53.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	159893	59.28	ug/l	98
67) Ethyl Benzene	10.26	91	723226	54.20	ug/l	99
68) m/p-Xylenes	10.37	106	561707	109.12	ug/l	100
69) o-Xylene	10.70	106	274643	54.31	ug/l	99
70) Styrene	10.71	104	451775	54.32	ug/l	99
71) Bromoform	10.86	173	128022	51.93	ug/l	100
73) Isopropylbenzene	11.02	105	744907	53.35	ug/l	100
74) N-amyl acetate	6.47	43	347605	50.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	225183	54.61	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226063m	57.38	ug/l	
77) Bromobenzene	11.26	156	206597	53.11	ug/l	97
78) n-propylbenzene	11.37	91	849271	53.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	503789	52.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	636650	53.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57018	46.62	ug/l	97
82) 4-Chlorotoluene	11.51	91	598554	53.06	ug/l	99
83) tert-Butylbenzene	11.77	119	615115	54.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	653151	54.24	ug/l	100
85) sec-Butylbenzene	11.95	105	753229	53.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	685265	53.58	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	374459	52.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	383441	52.83	ug/l	99
89) n-Butylbenzene	12.39	91	584608	51.82	ug/l	100
90) Hexachloroethane	12.60	117	103275	51.71	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	382594	53.29	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52309	60.56	ug/l	98

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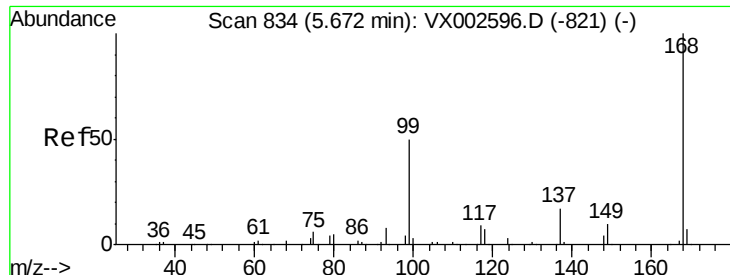
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276576	53.08	ug/l	100
94) Hexachlorobutadiene	13.79	225	141635	51.60	ug/l	99
95) Naphthalene	13.84	128	783053	55.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	282583	53.99	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: VX002804.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 238980

Ion Ratio Lower Upper

168 100

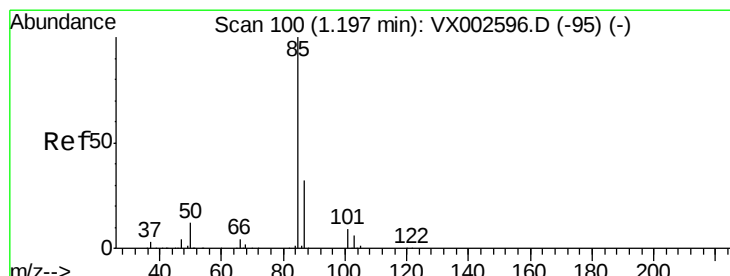
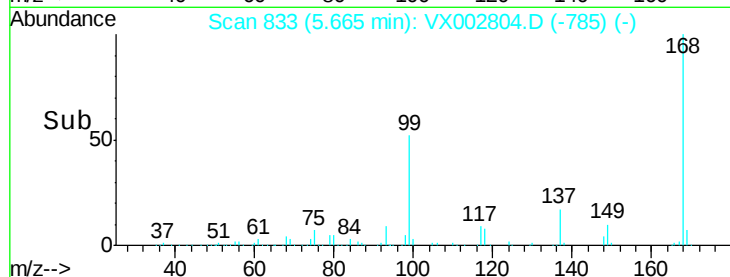
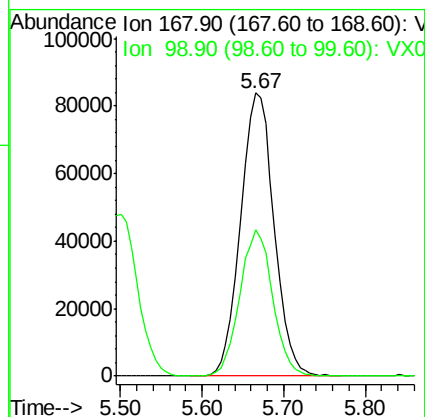
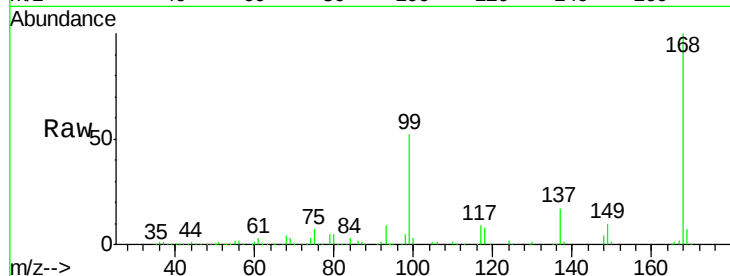
99 51.5 39.3 58.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002804.D

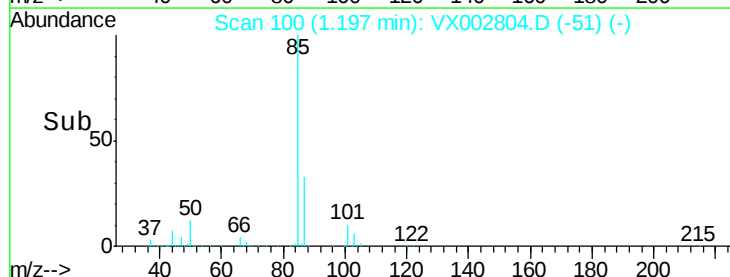
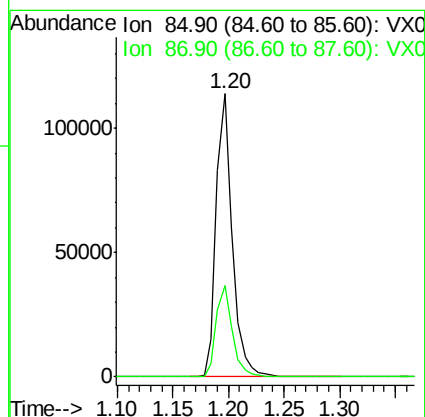
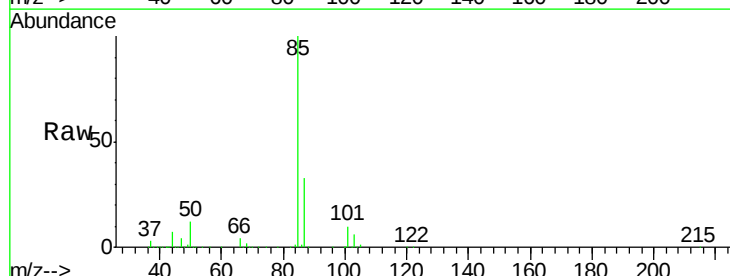
Acq: 21 Jun 2018 22:41

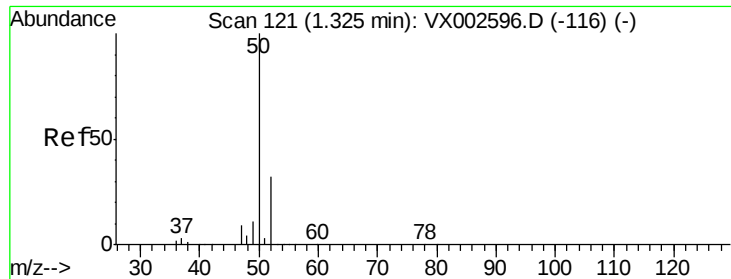
Tgt Ion: 85 Resp: 113964

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9





#3

Chloromethane

Concen: 41.77 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 126055

Ion Ratio Lower Upper

50 100

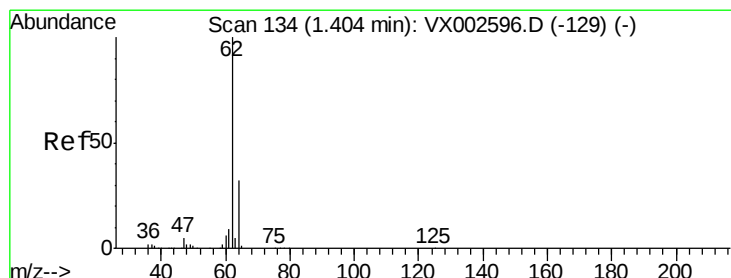
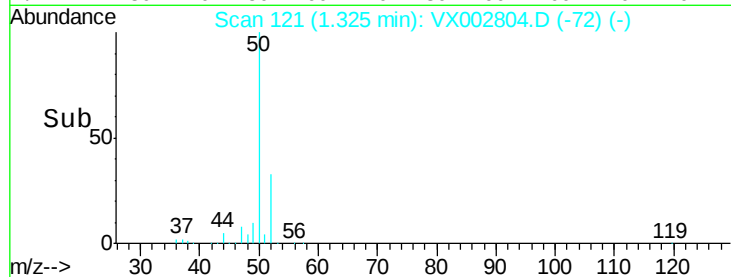
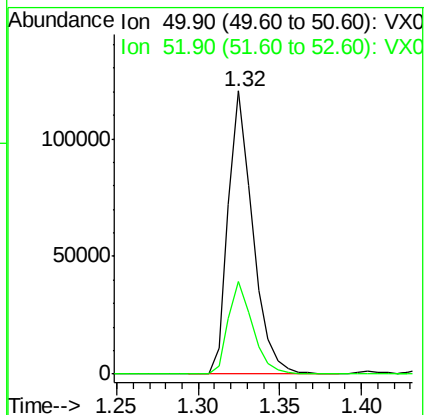
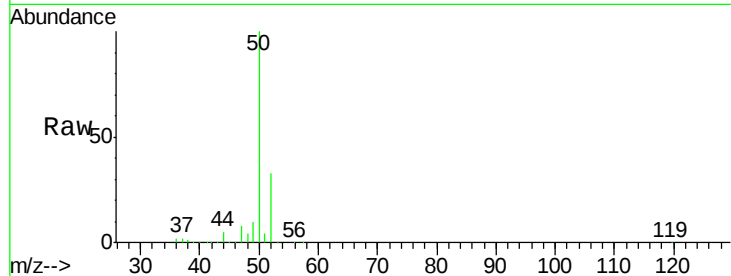
52 32.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002804.D

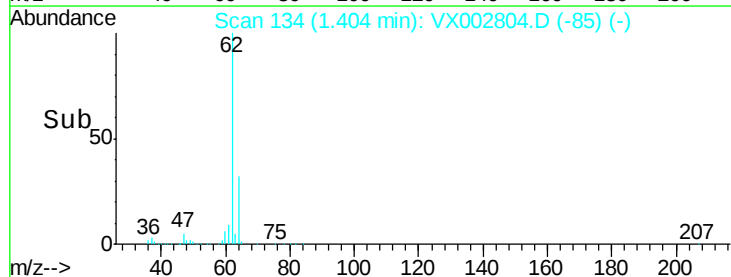
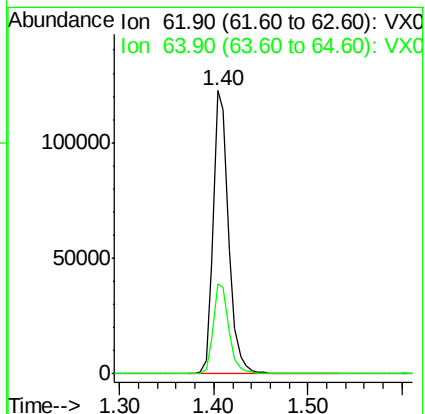
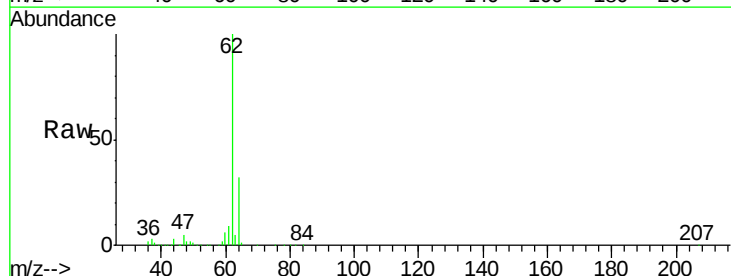
Acq: 21 Jun 2018 22:41

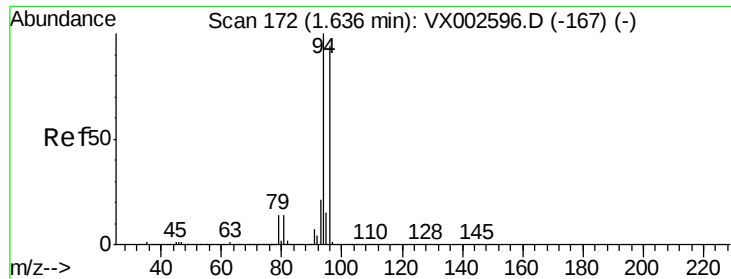
Tgt Ion: 62 Resp: 138816

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 32.26 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60957

Ion Ratio Lower Upper

94 100

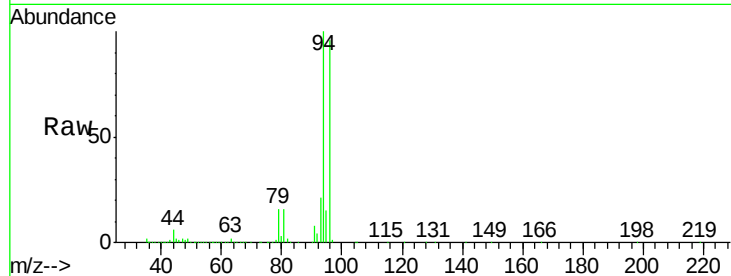
96 96.5 74.9 112.3

Manual Integrations

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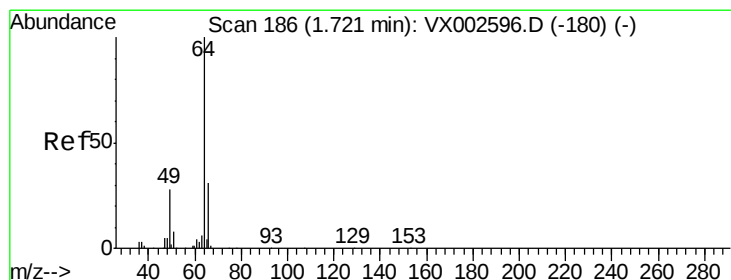
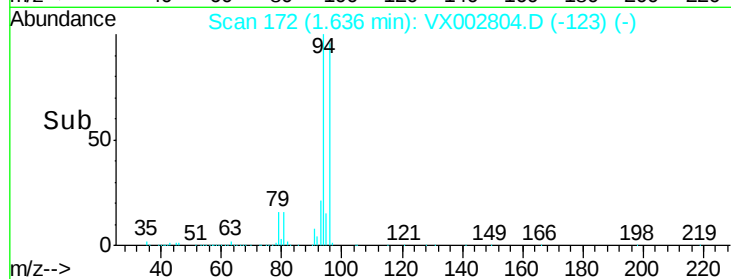
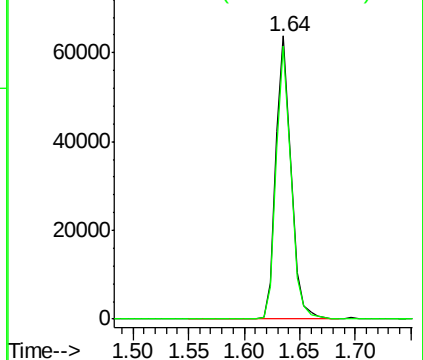
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.14 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002804.D

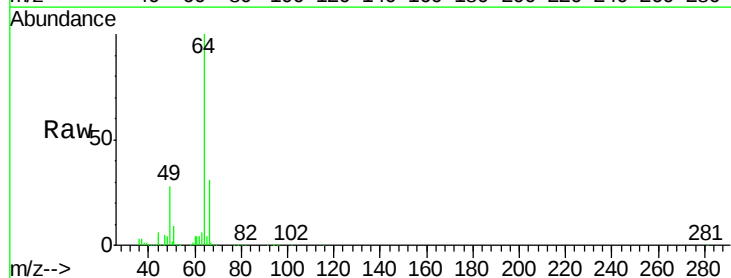
Acq: 21 Jun 2018 22:41

Tgt Ion: 64 Resp: 91111

Ion Ratio Lower Upper

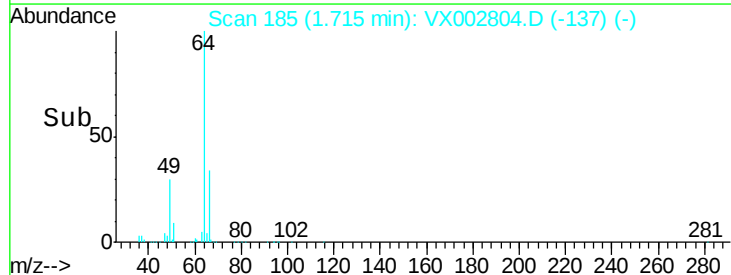
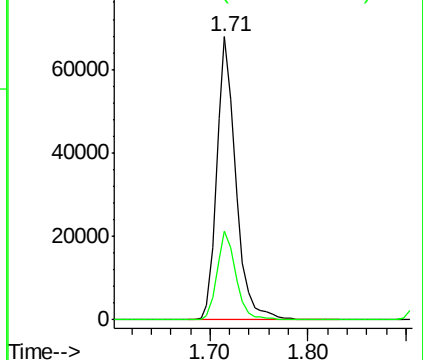
64 100

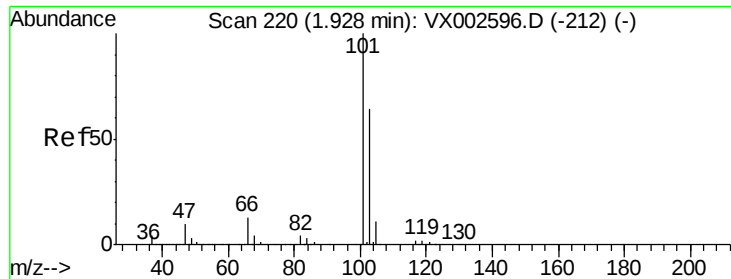
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

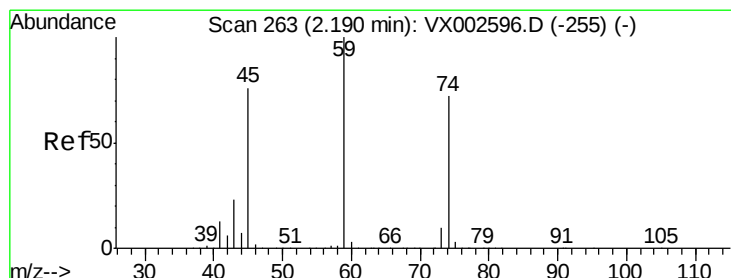
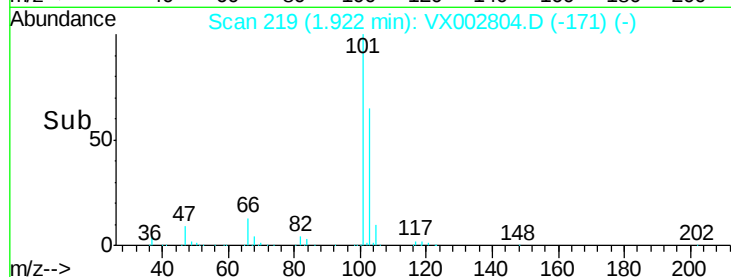
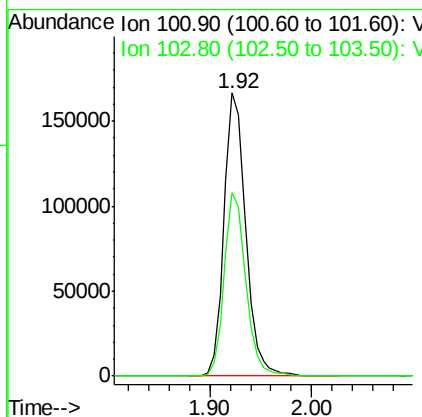
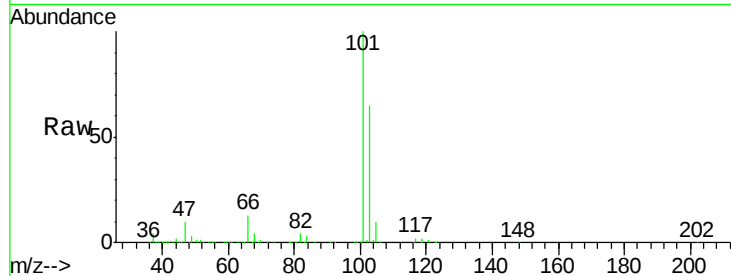
Trichlorofluoromethane
 Concen: 48.55 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002804.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.8	79.2

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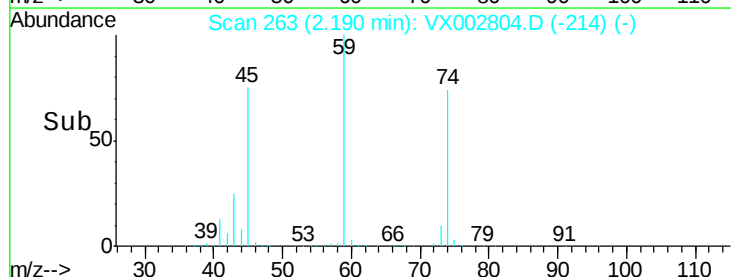
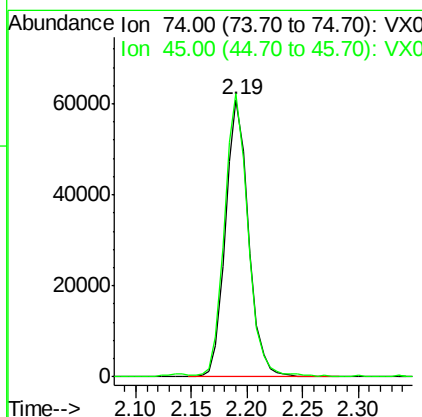
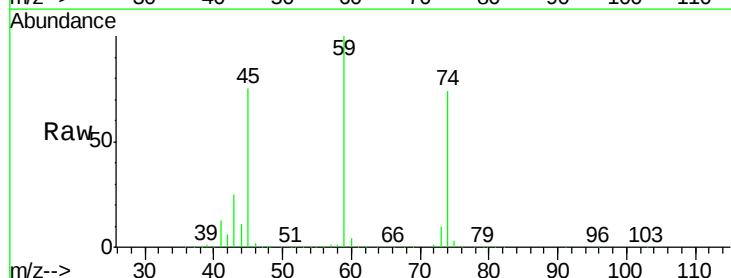
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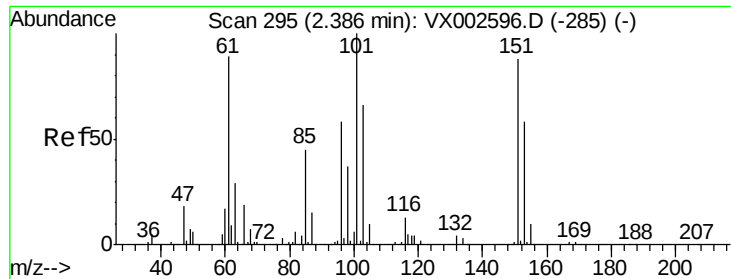


#8

Diethyl Ether
 Concen: 45.18 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.15 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

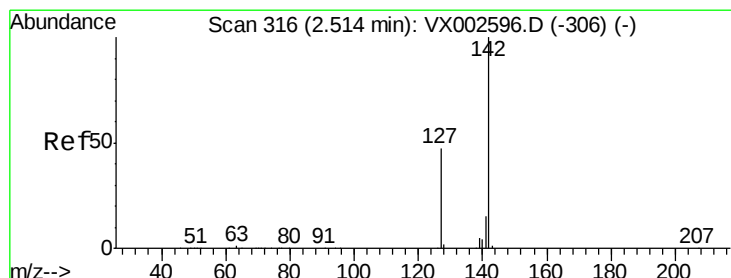
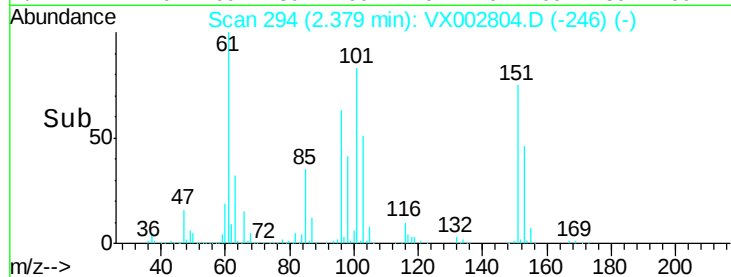
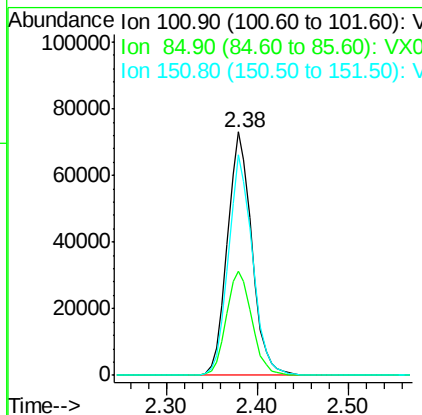
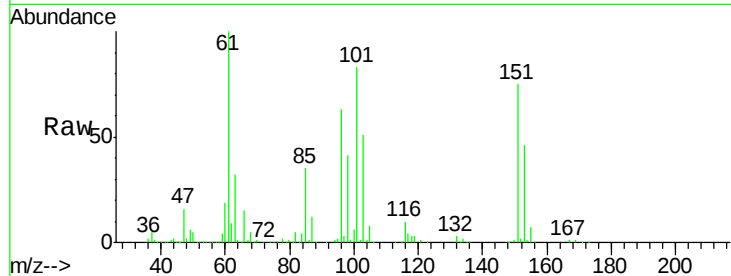
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	136952
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	89.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 38.30 ug/l

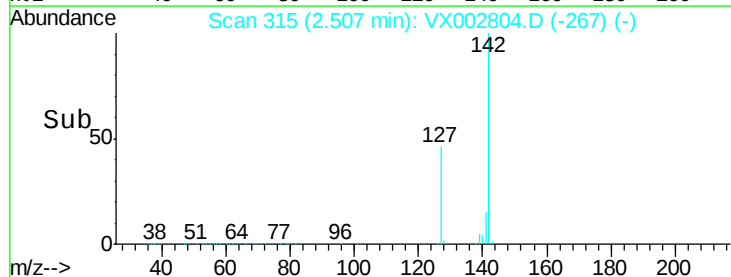
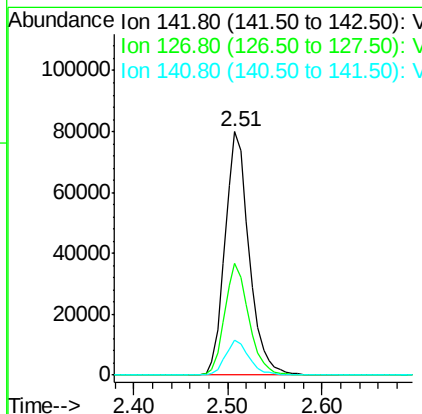
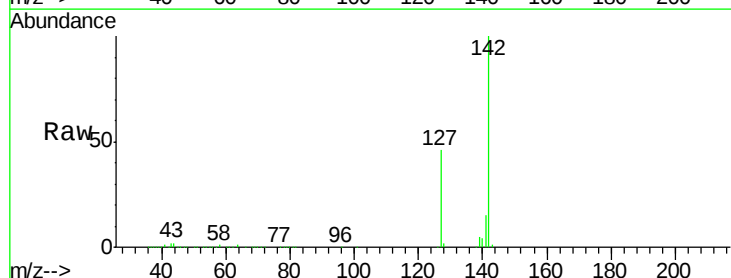
RT: 2.51 min Scan# 315

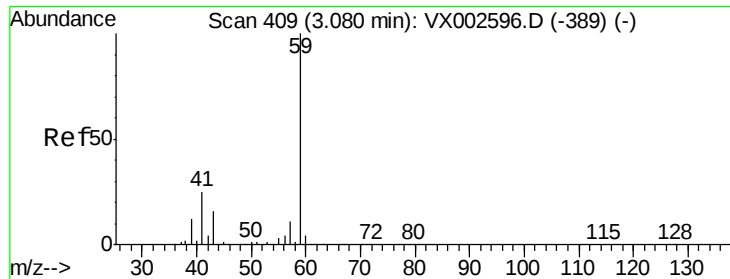
Delta R.T. -0.01 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	142	Resp:	141793
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.6	55.0
141	14.3	11.3	16.9





#11

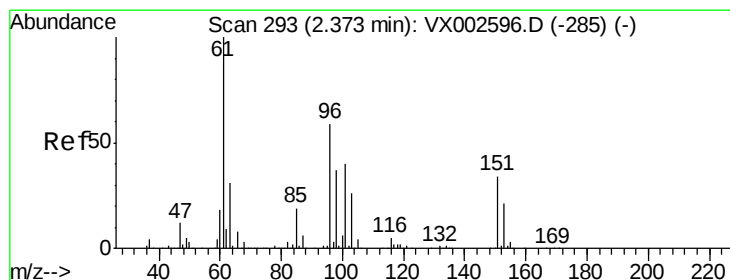
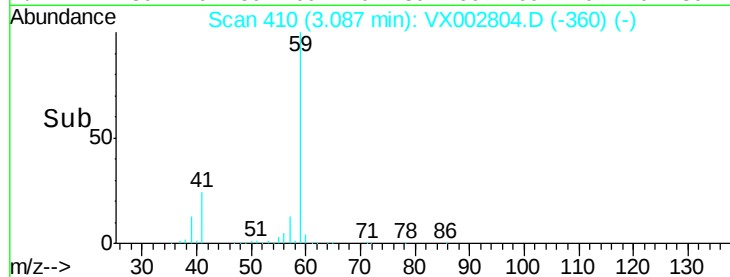
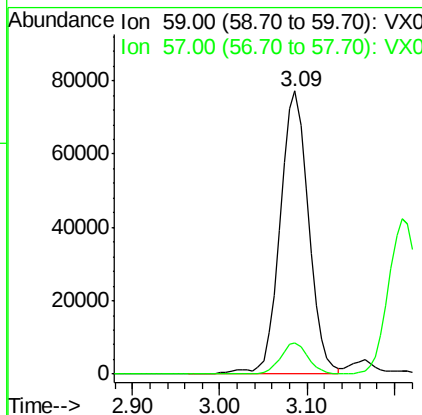
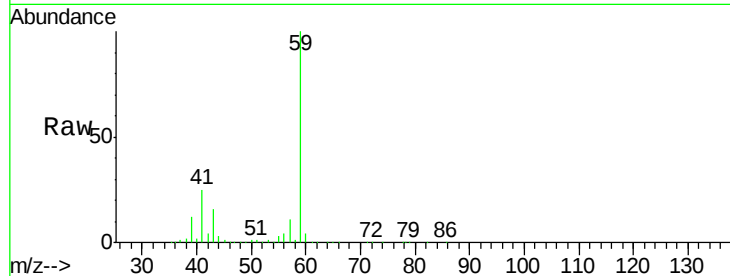
Tert butyl alcohol
Concen: 233.10 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	59	Resp	175002
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.2

Manual Integrations
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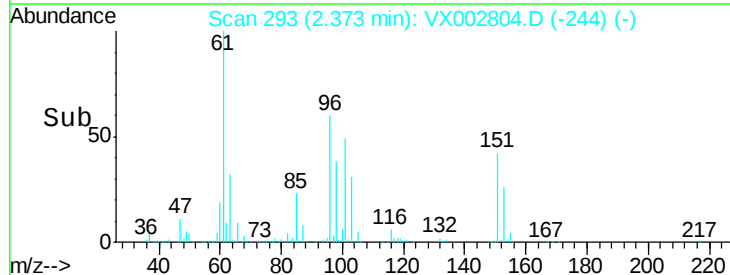
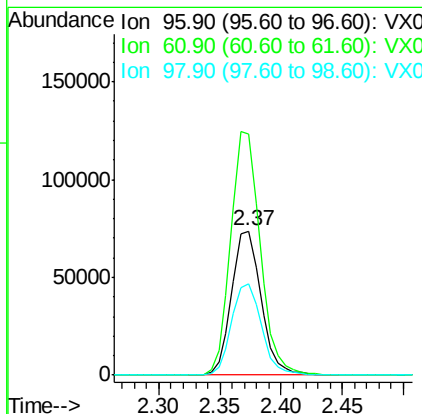
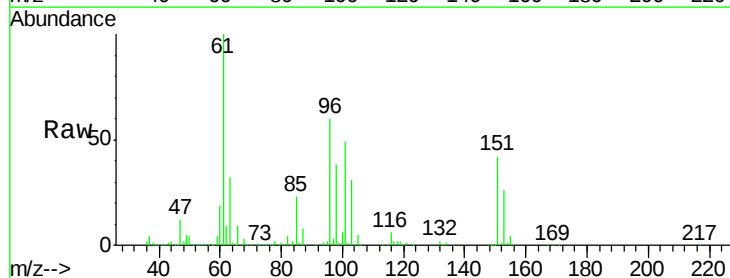
apatel
6/22/2018 1:59:44 PM

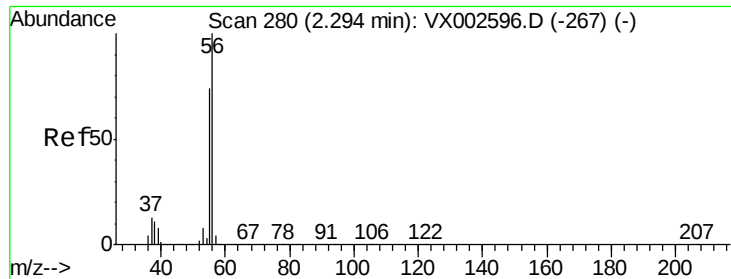


#12

1,1-Dichloroethene
Concen: 46.25 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	96	Resp	123494
Ion Ratio	100	Lower	Upper
61	168.0	137.9	206.9
98	63.9	51.6	77.4





#13

Acrolein

Concen: 227.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 79869

Ion Ratio Lower Upper

56 100

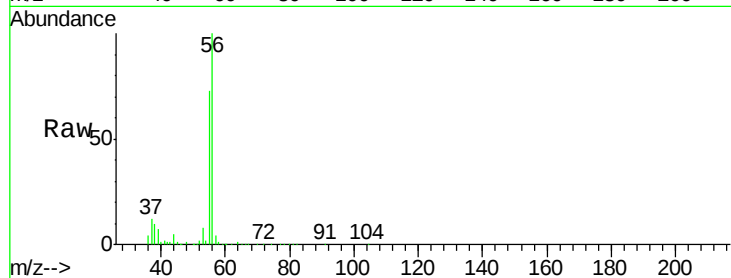
55 72.2 57.0 85.4

Manual Integrations

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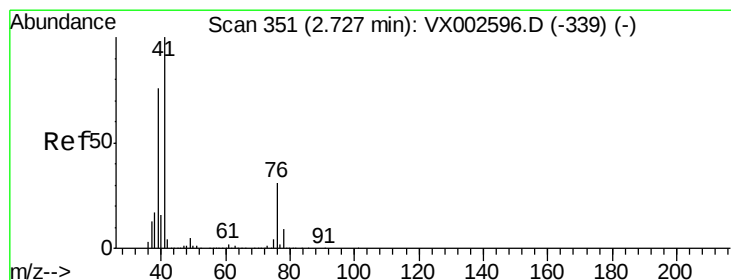
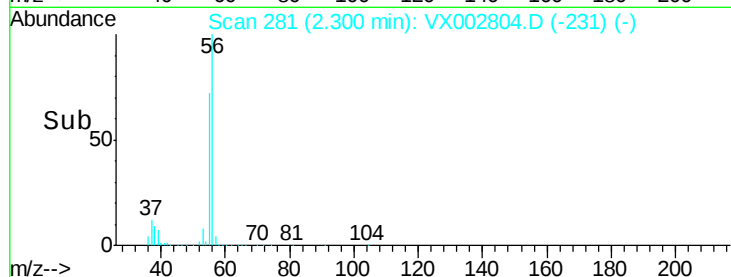
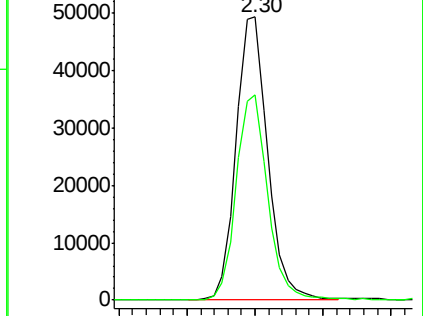
apatel

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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: 45.57 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

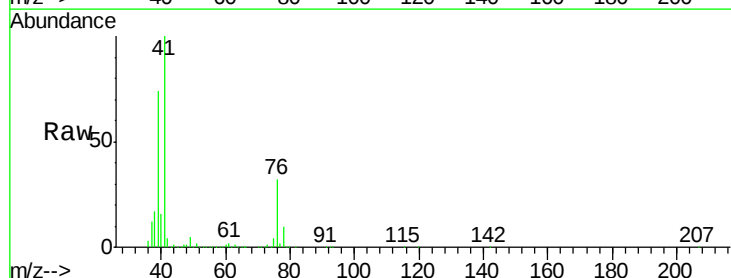
Tgt Ion: 41 Resp: 241596

Ion Ratio Lower Upper

41 100

39 70.8 56.8 85.2

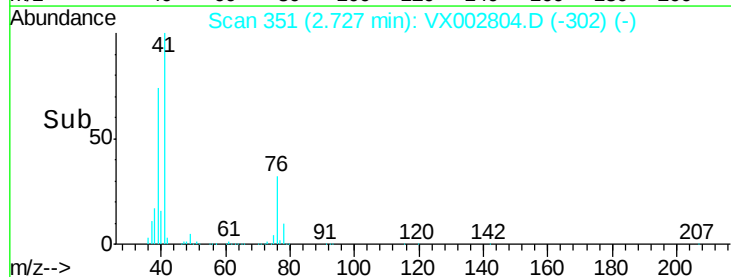
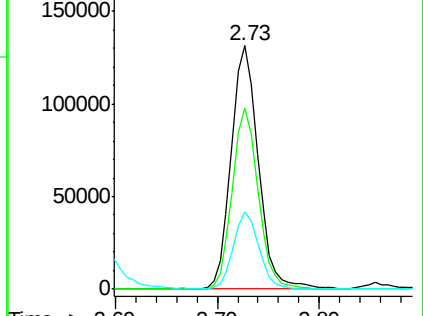
76 30.3 23.8 35.8

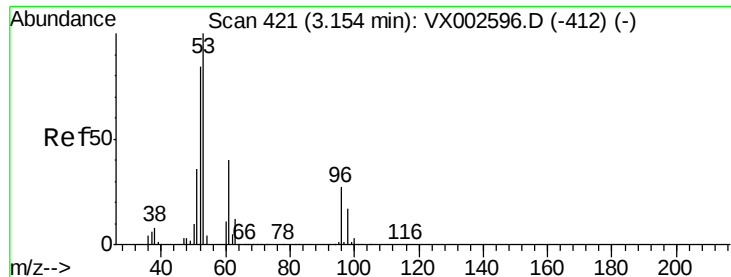


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 240.55 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

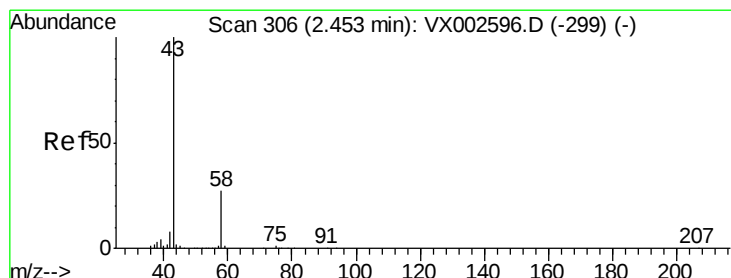
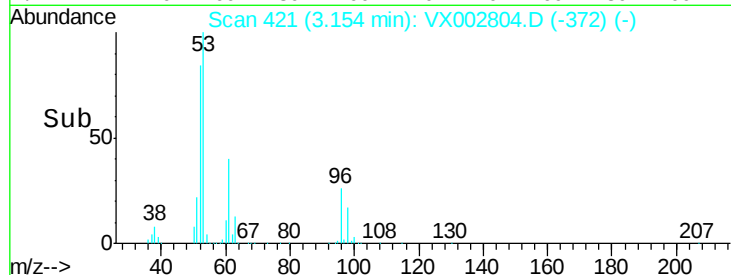
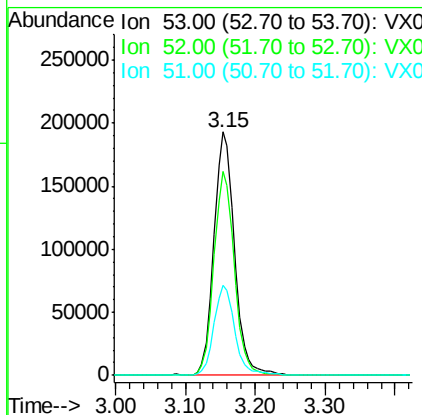
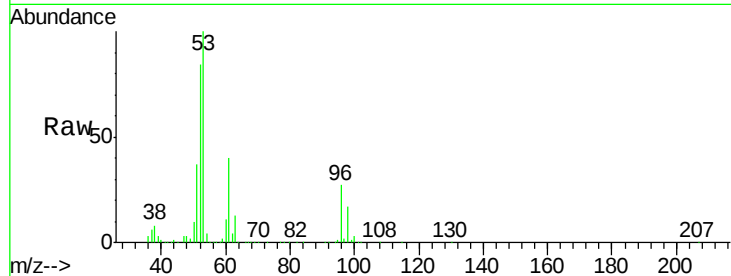
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	394088
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 230.91 ug/l

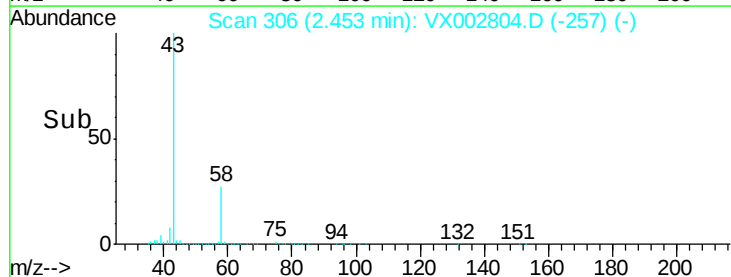
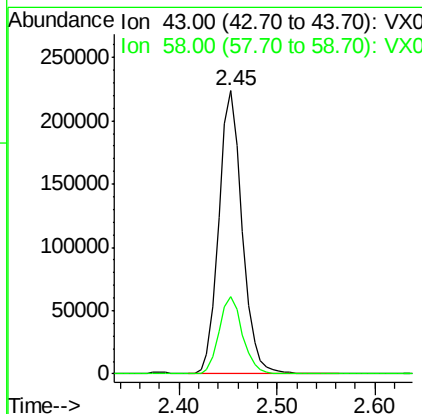
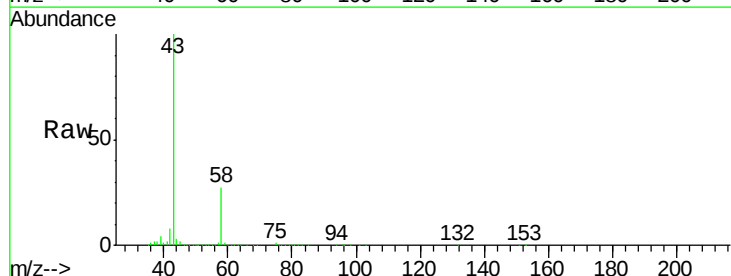
RT: 2.45 min Scan# 306

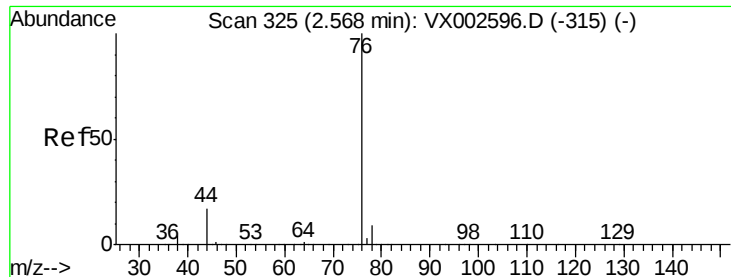
Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	43	Resp:	369973
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.1	33.1





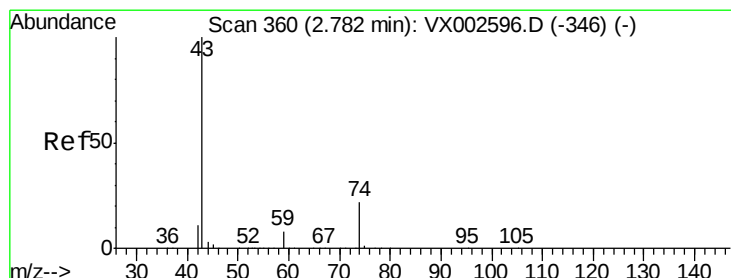
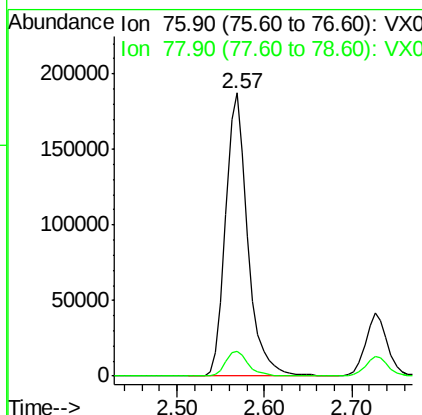
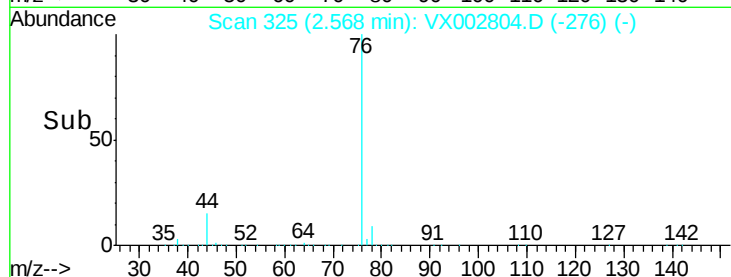
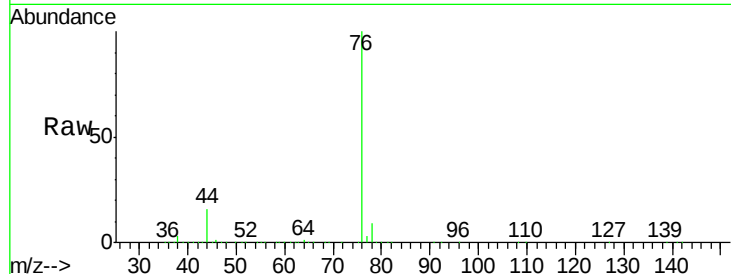
#17
Carbon Disulfide
Concen: 51.93 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.9	10.3

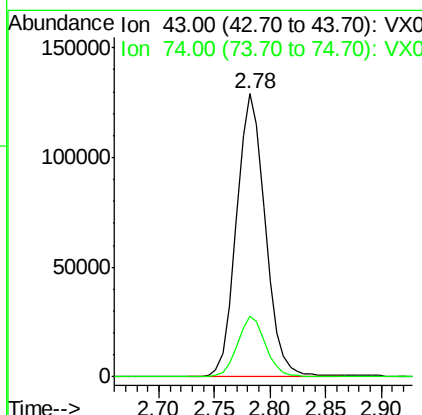
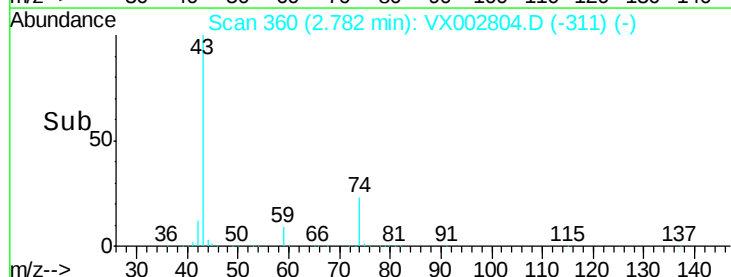
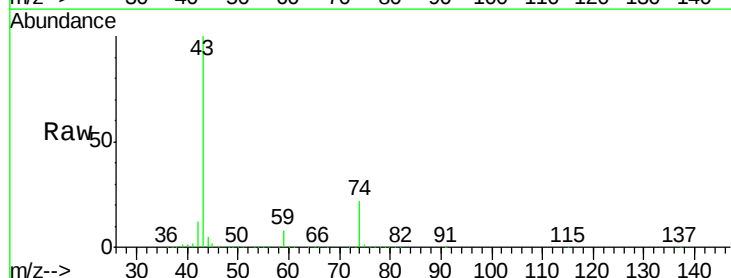
Manual Integrations
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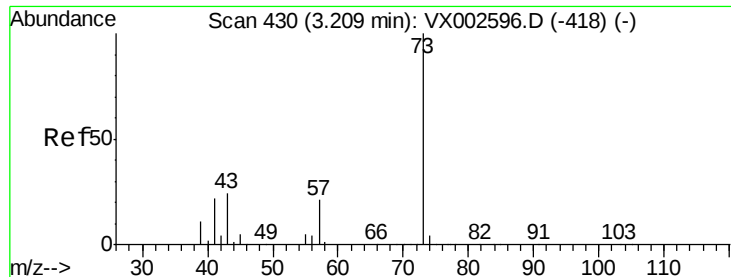
apatel
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#18
Methyl Acetate
Concen: 53.73 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.7	25.1





#19

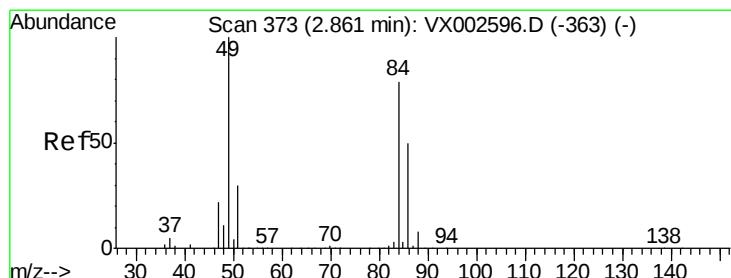
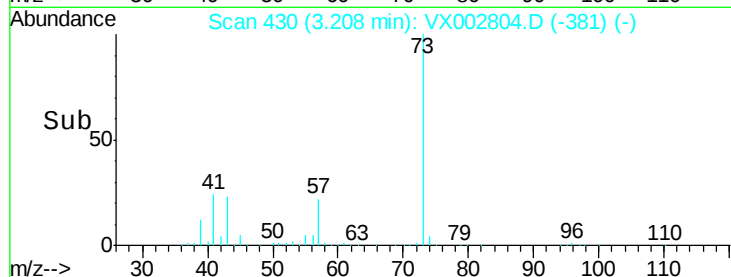
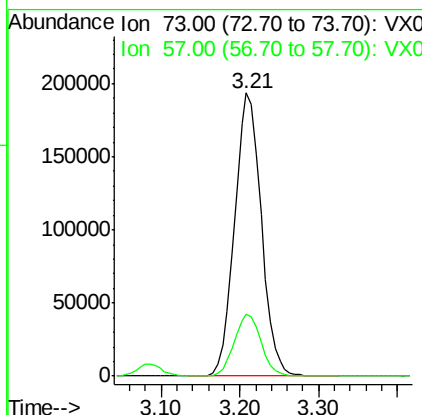
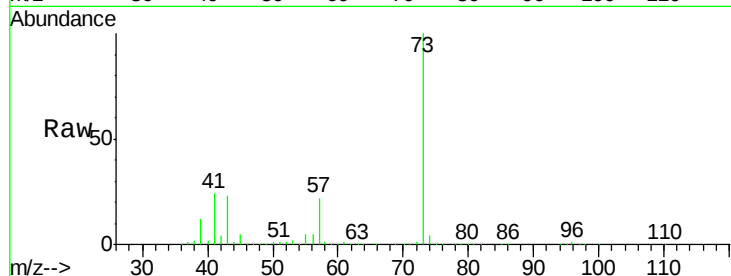
Methyl tert-butyl Ether
 Concen: 45.48 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

Manual Integrations
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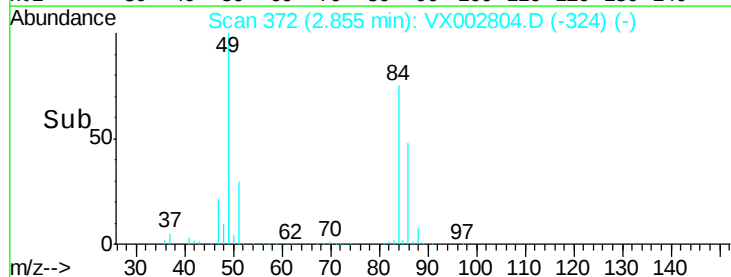
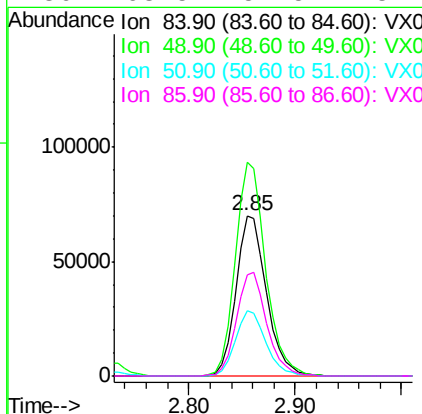
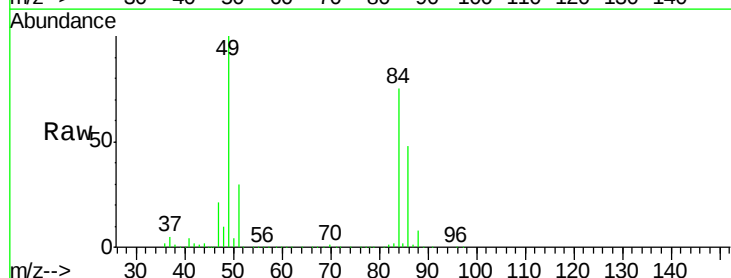
apatel
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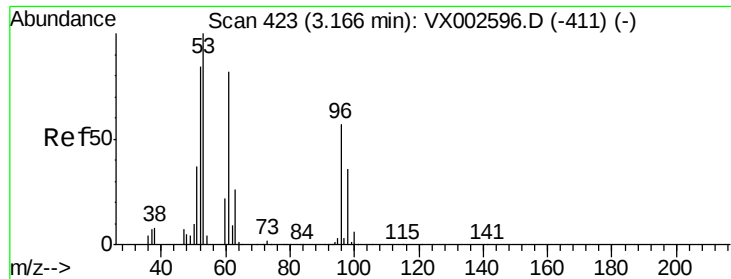


#20

Methylene Chloride
 Concen: 42.89 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.4	107.8	161.6
51	40.4	32.8	49.2
86	63.5	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 46.13 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

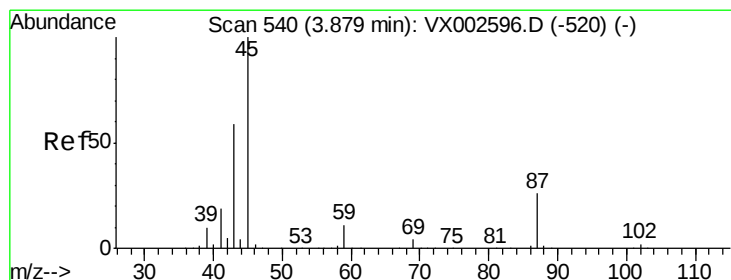
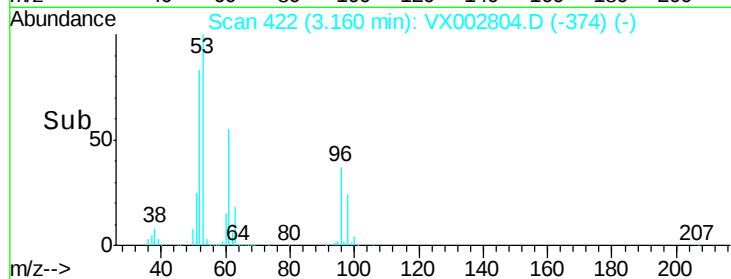
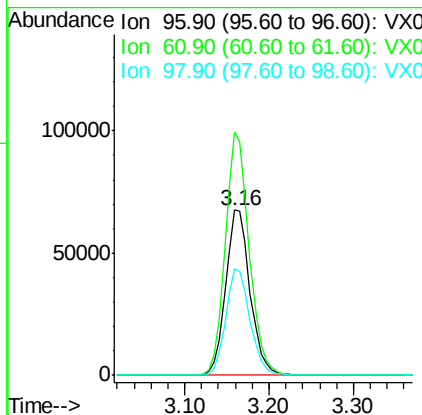
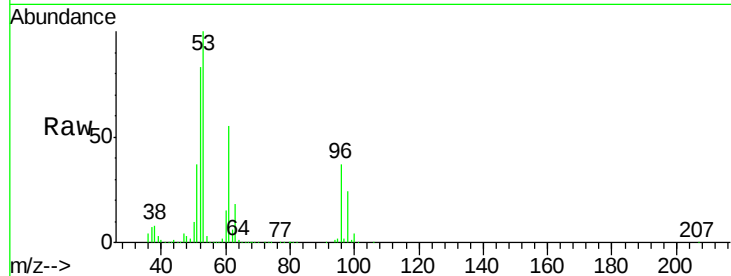
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	133628
Ion	Ratio	Lower	Upper
96	100		
61	147.5	117.0	175.4
98	64.9	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.39 ug/l

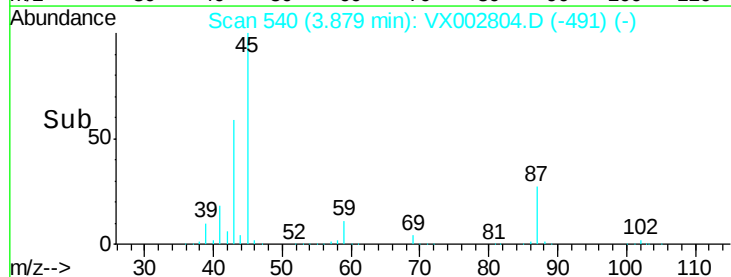
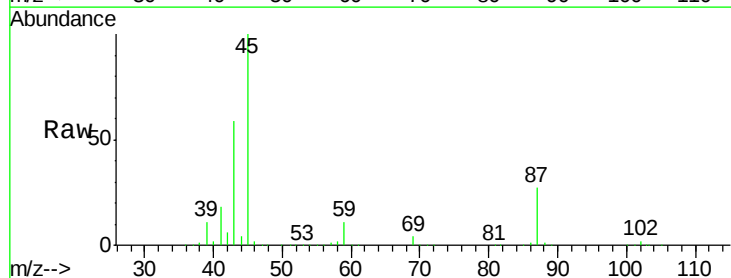
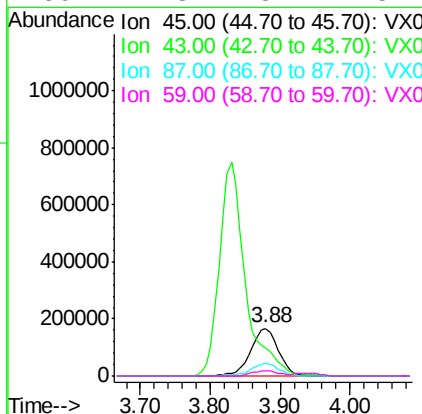
RT: 3.88 min Scan# 540

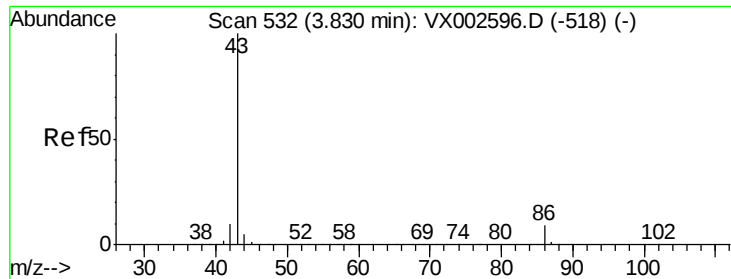
Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	45	Resp:	464206
Ion	Ratio	Lower	Upper
45	100		
43	58.8	46.8	70.2
87	26.7	20.2	30.4
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 242.08 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tot Ion: 43 Resp: 1943515

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

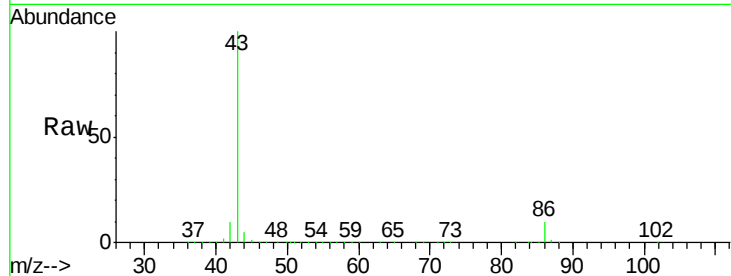
VSTDCCC050

Manual Integrations

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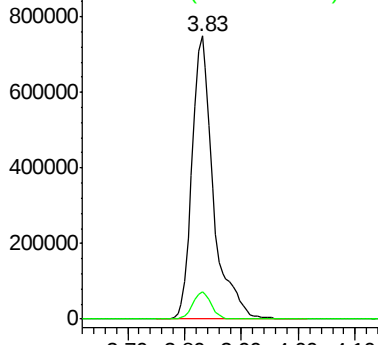
apatel

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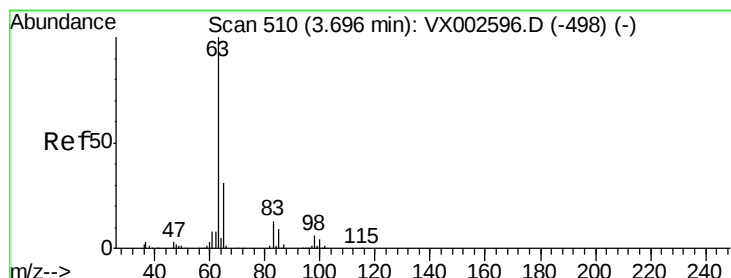
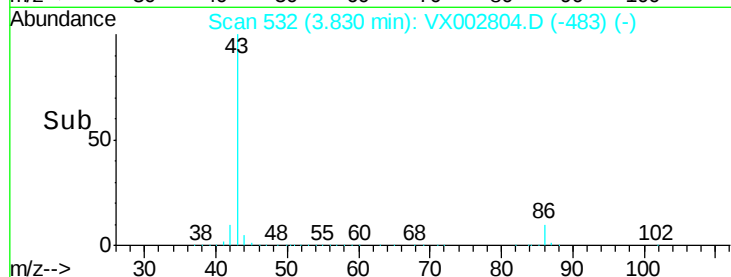


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 49.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

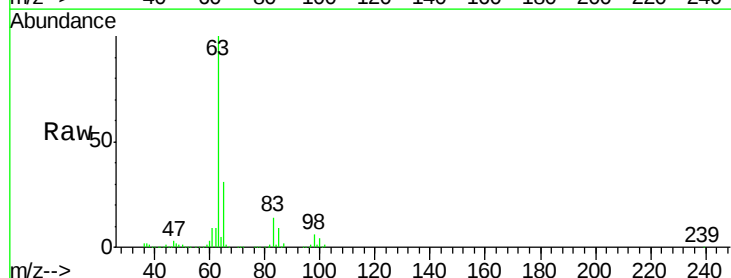
Tgt Ion: 63 Resp: 259441

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

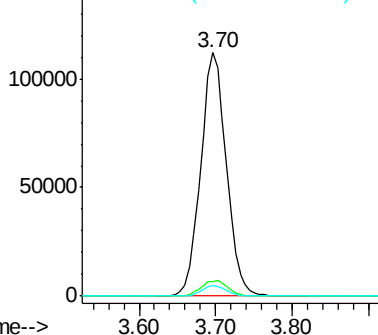
100 4.2 2.0 6.0



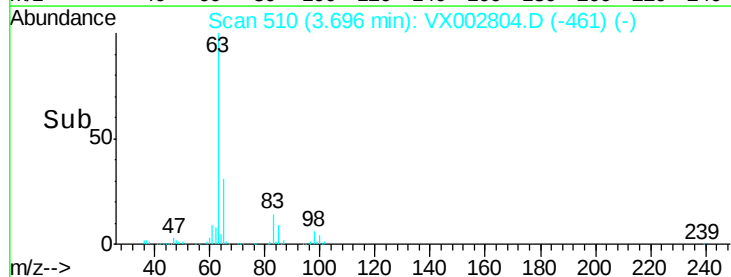
Abundance Ion 62.90 (62.60 to 63.60): VX0

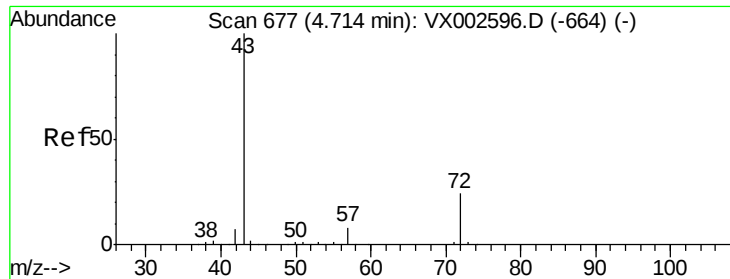
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 263.65 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 554767

Ion Ratio Lower Upper

43 100

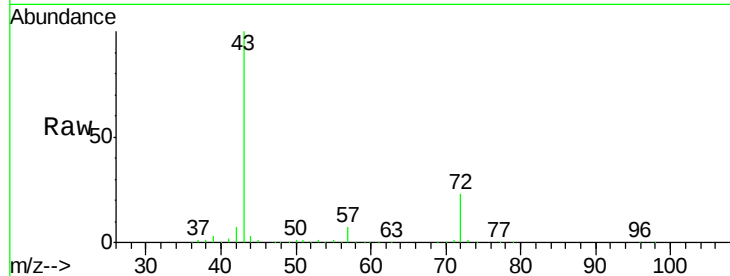
72 23.4 18.5 27.7

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

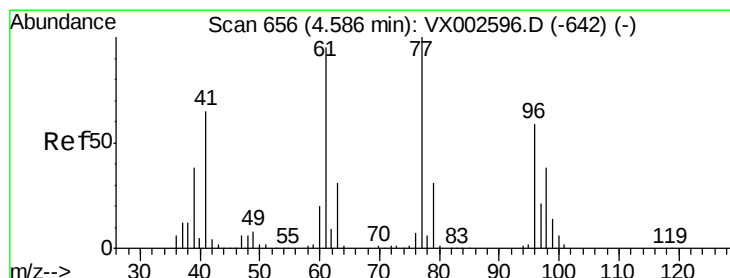
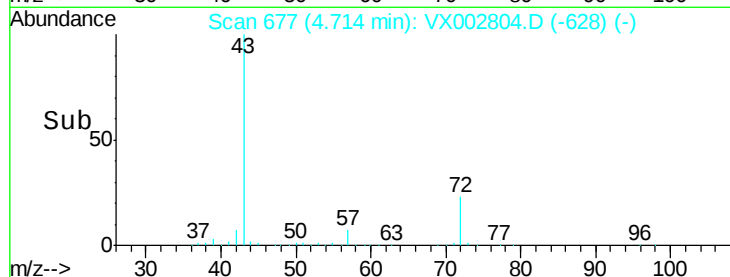
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.80 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002804.D

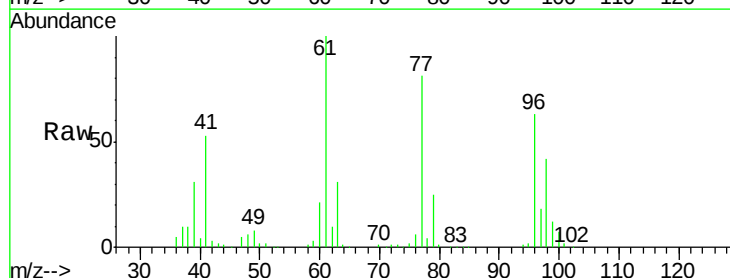
Acq: 21 Jun 2018 22:41

Tgt Ion: 77 Resp: 148906

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

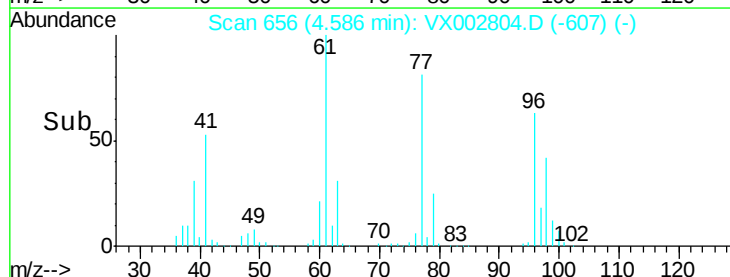
20000

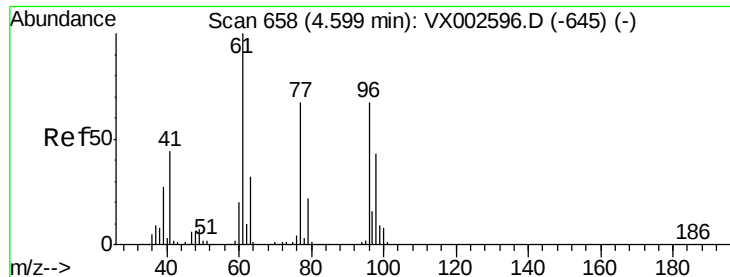
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

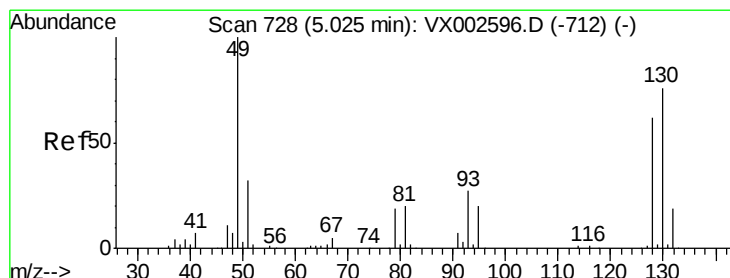
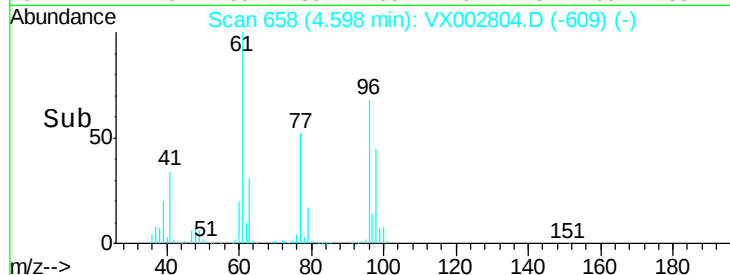
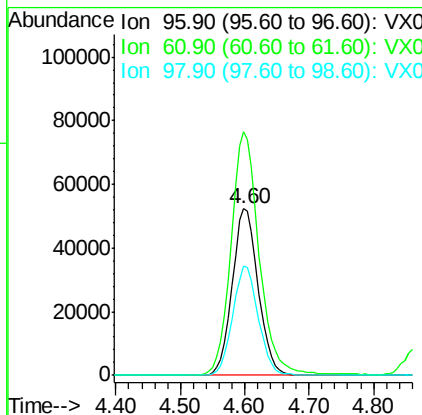
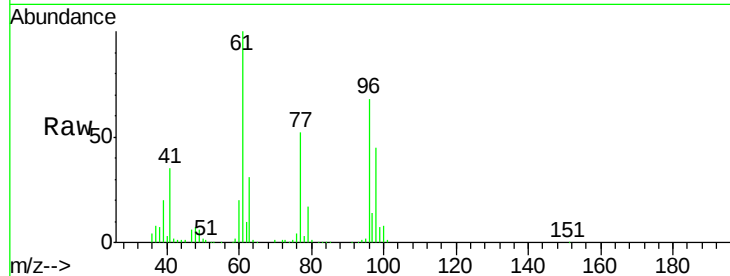
cis-1,2-Dichloroethene
Concen: 49.85 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.2	0.0	330.2	
98	64.7	0.0	130.2	

Manual Integrations
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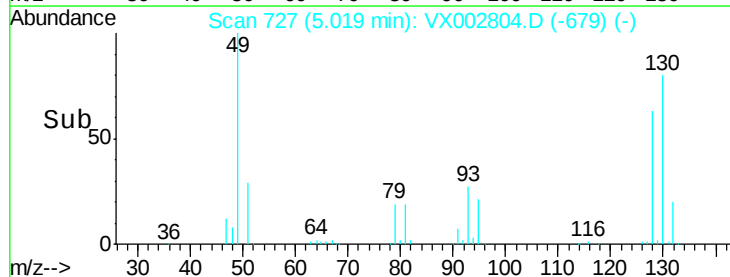
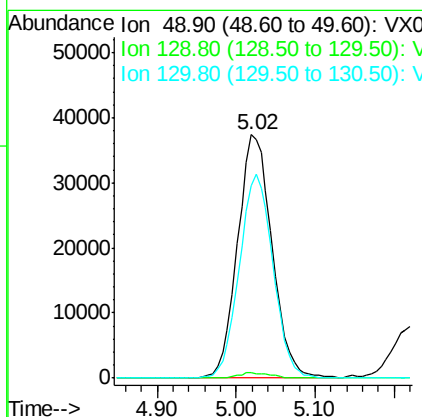
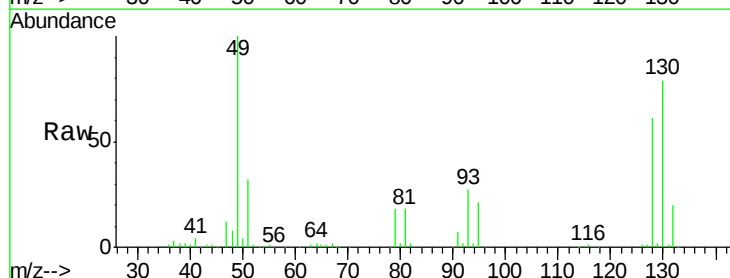
apatel
6/22/2018 1:59:44 PM

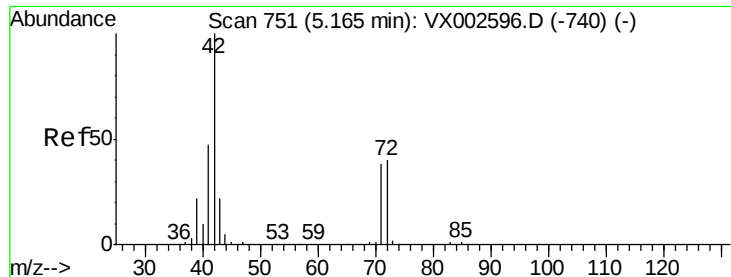


#28

Bromochloromethane
Concen: 46.69 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	81.6	61.2	91.8	





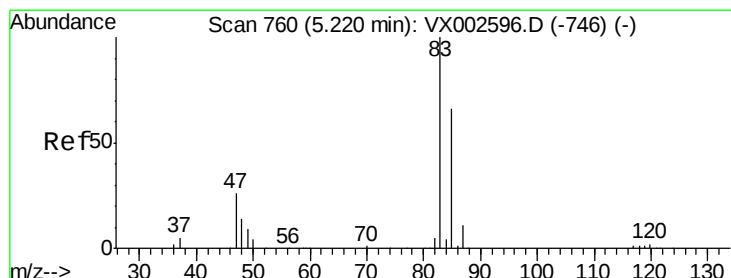
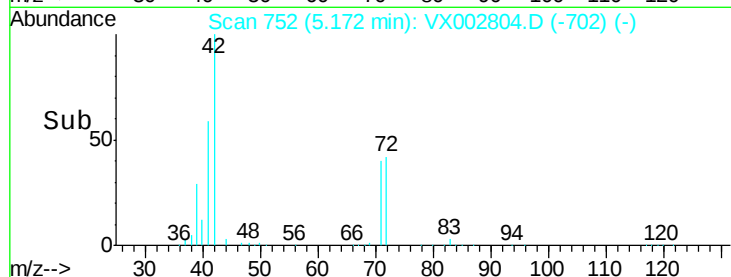
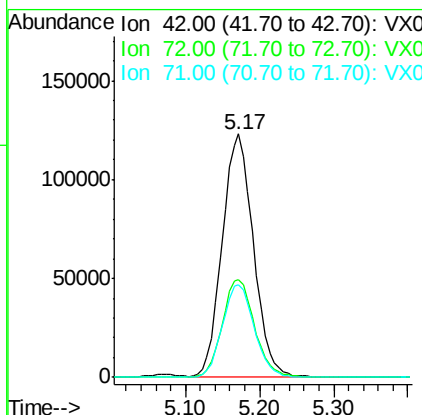
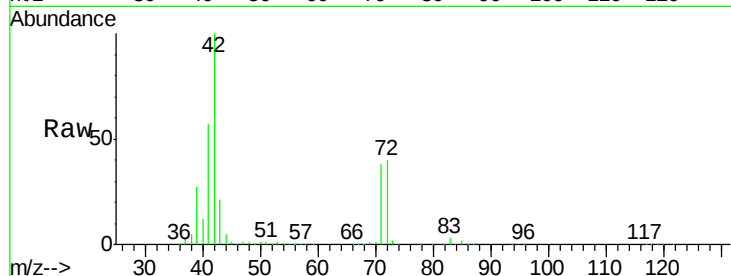
#29
Tetrahydrofuran
Concen: 260.68 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	38.8	30.1	45.1

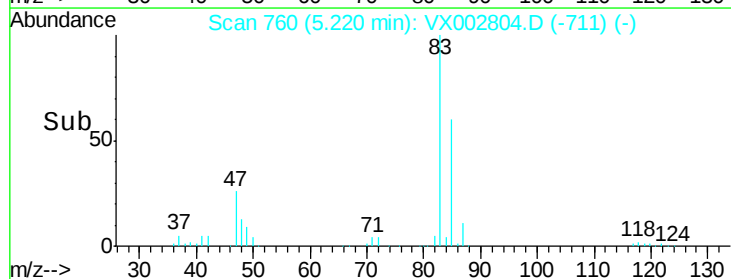
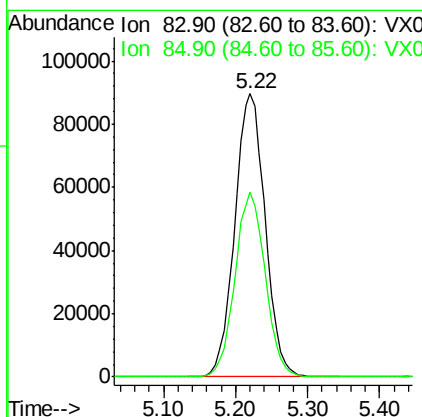
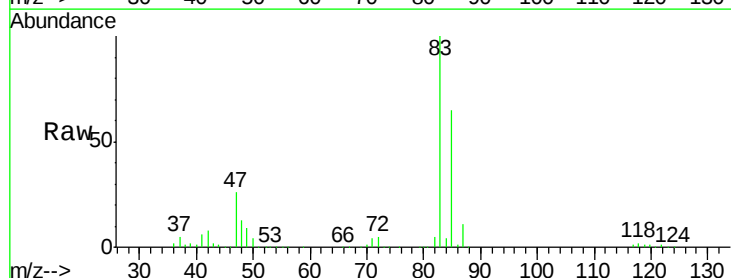
Manual Integrations
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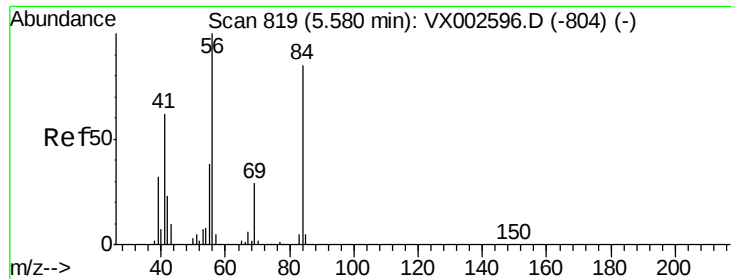
apatel
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#30
Chloroform
Concen: 52.10 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.4	75.6





#31

Cyclohexane

Concen: 51.30 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

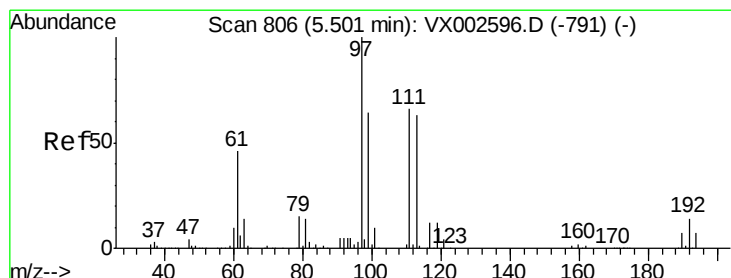
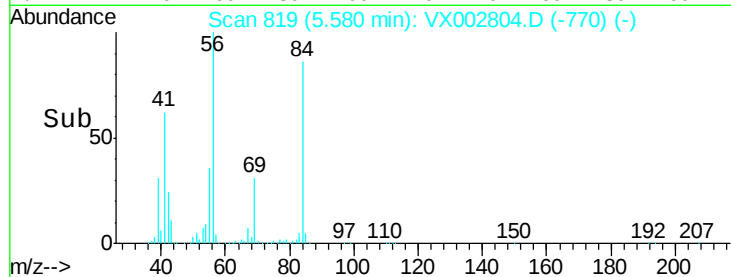
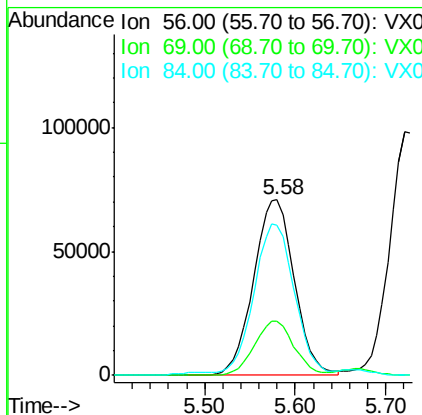
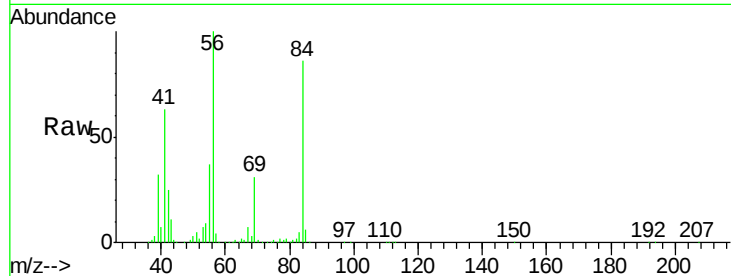
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.7	35.5
84	84.5	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.81 ug/l

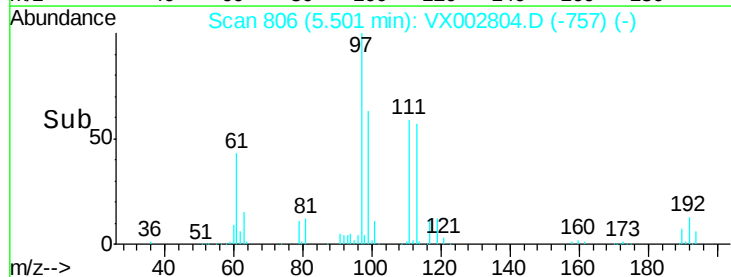
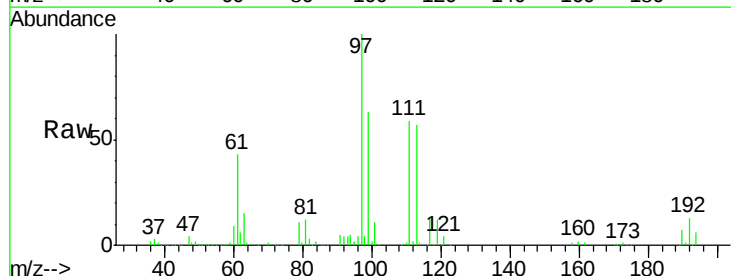
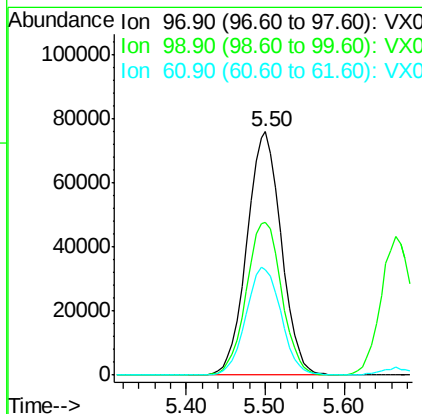
RT: 5.50 min Scan# 806

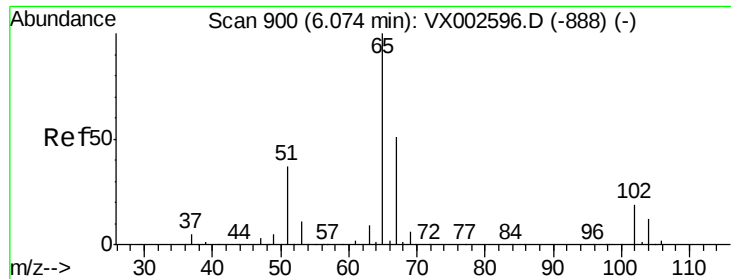
Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	45.4	36.4	54.6





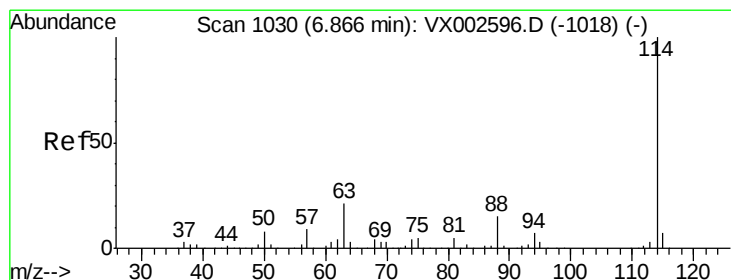
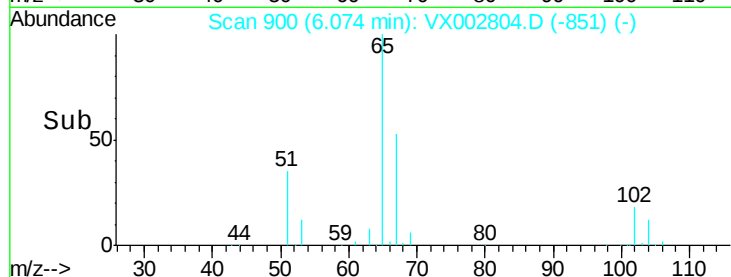
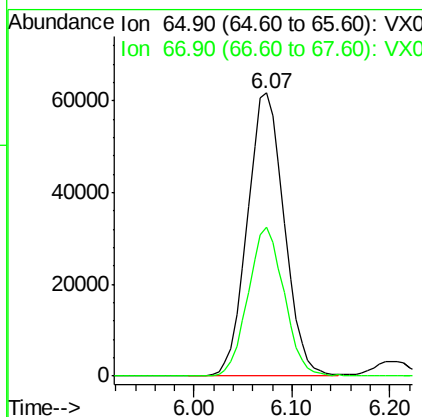
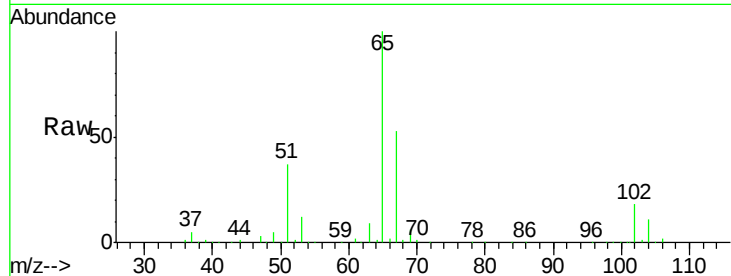
#33
 1,2-Dichloroethane-d4
 Concen: 44.44 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6

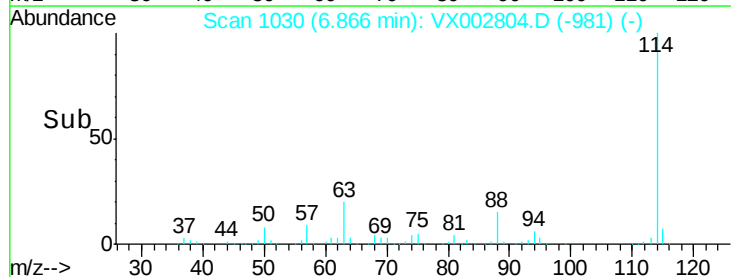
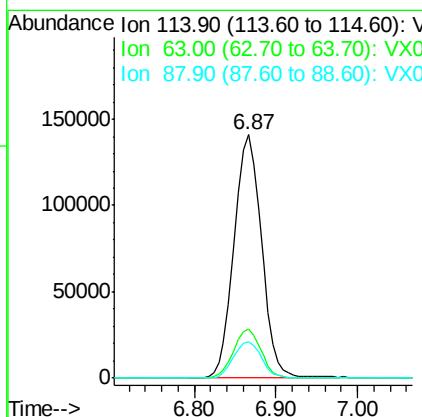
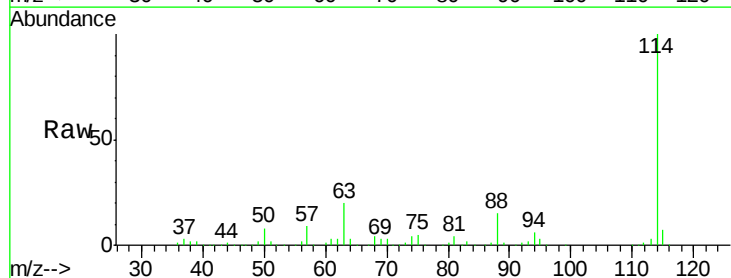
Manual Integrations
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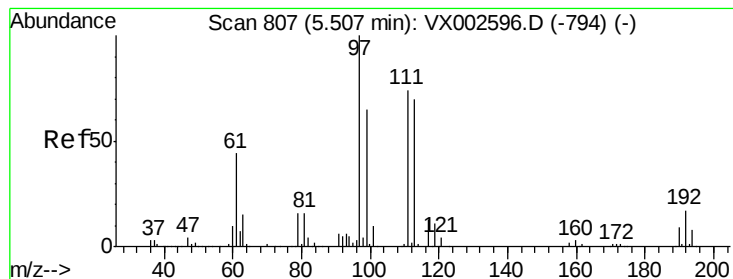
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	14.7	0.0	30.0





#35

Dibromofluoromethane

Concen: 49.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

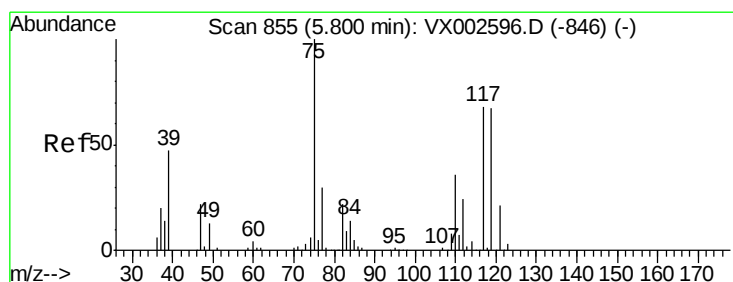
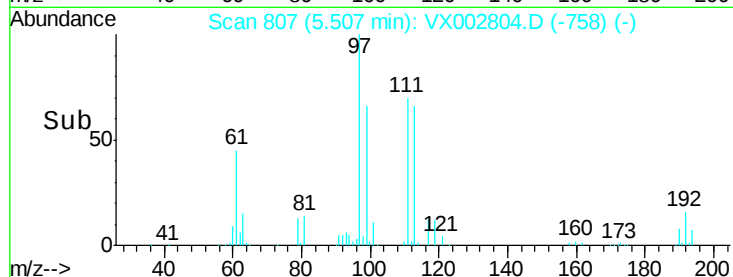
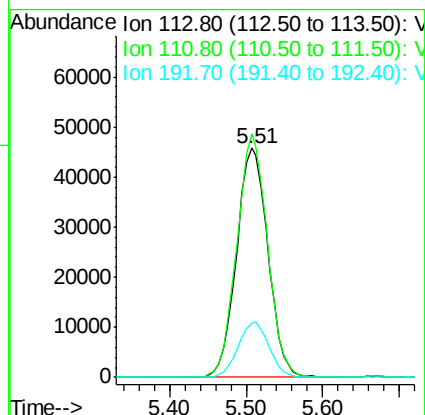
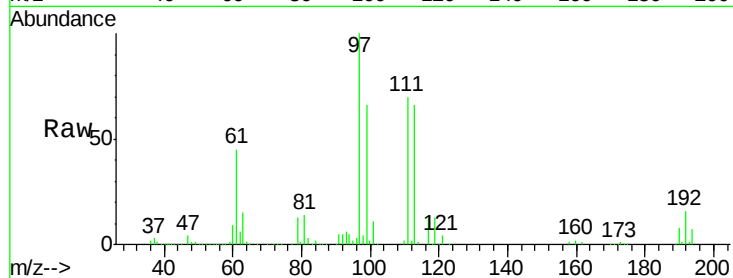
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	130454
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	23.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.17 ug/l

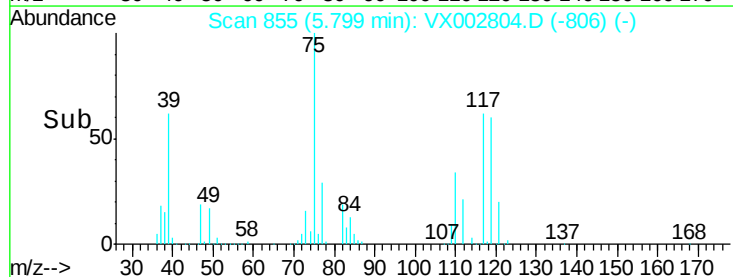
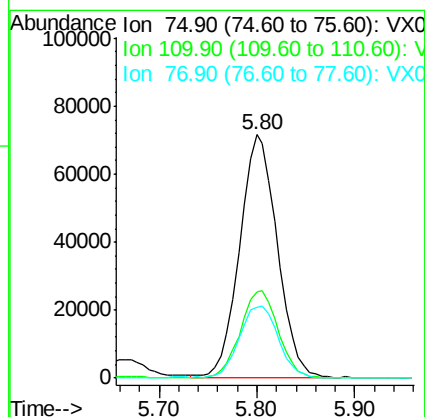
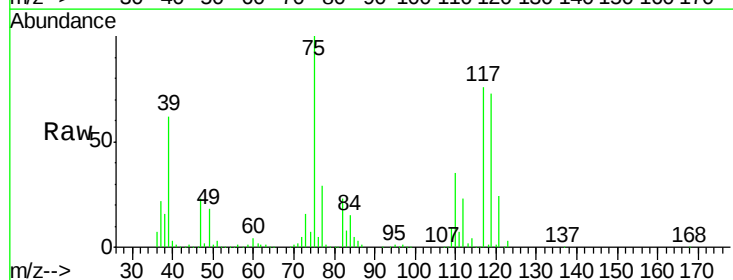
RT: 5.80 min Scan# 855

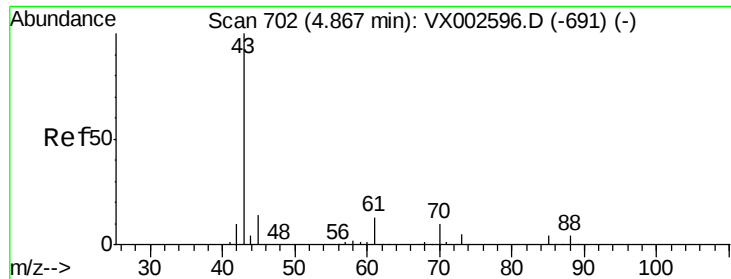
Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	75	Resp:	189771
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.4
77	30.9	24.3	36.5





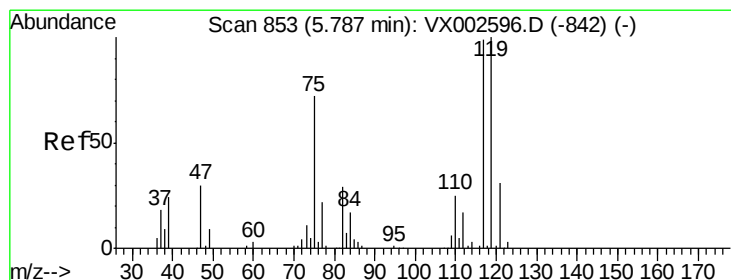
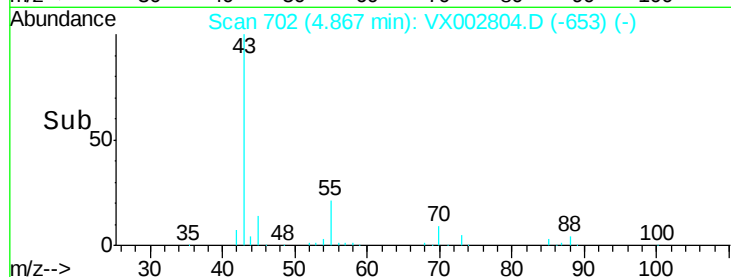
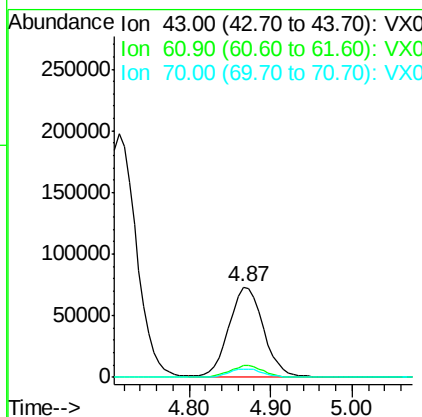
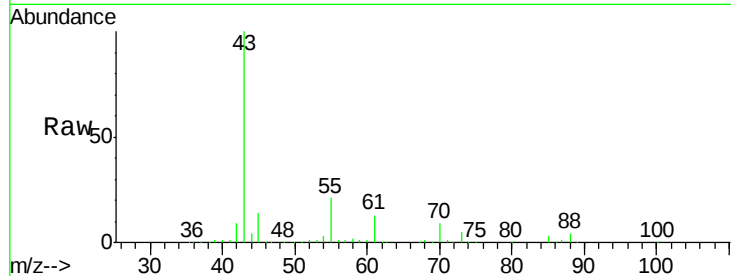
#37
Ethyl Acetate
Concen: 53.84 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.6	7.6	11.4

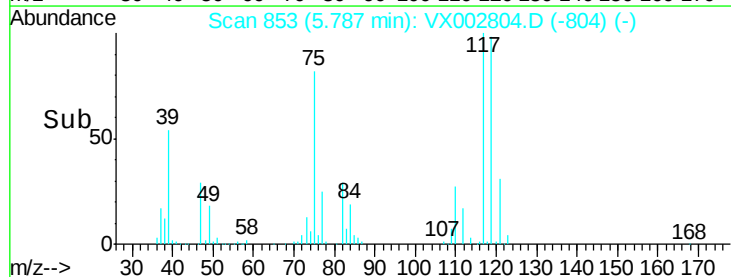
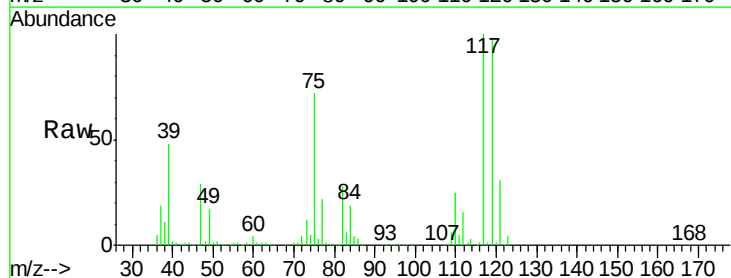
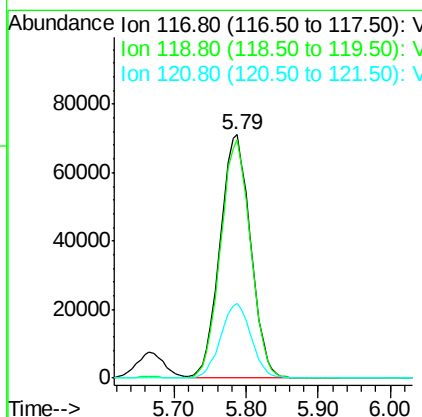
Manual Integrations
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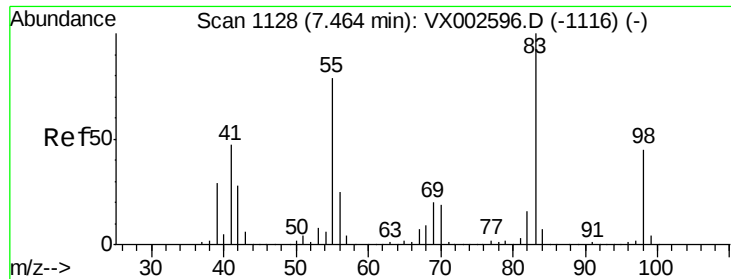
apatel
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#38
Carbon Tetrachloride
Concen: 60.12 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
121	30.6	24.4	36.6





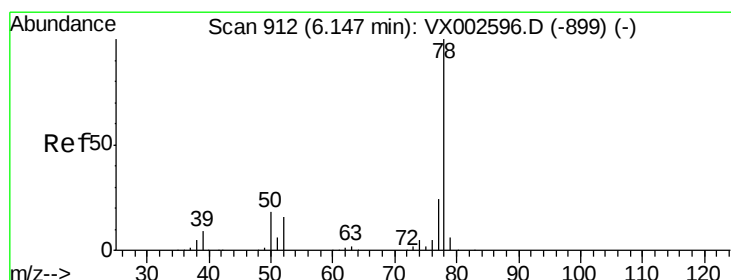
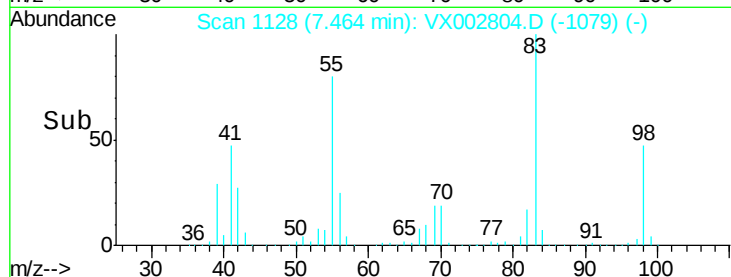
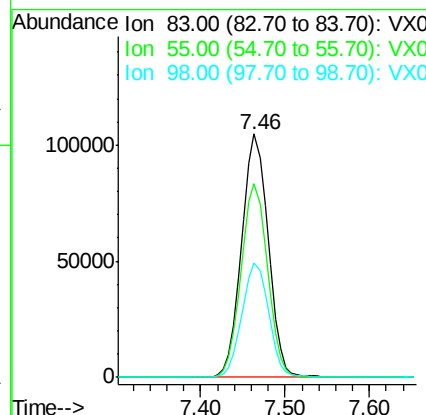
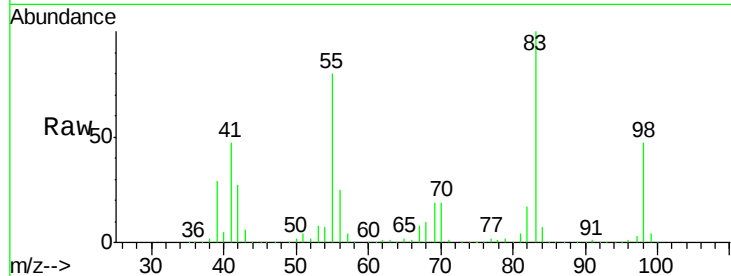
#39
Methvlcvclohexane
Concen: 54.51 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.4	98.0
98	46.7	37.4	56.0

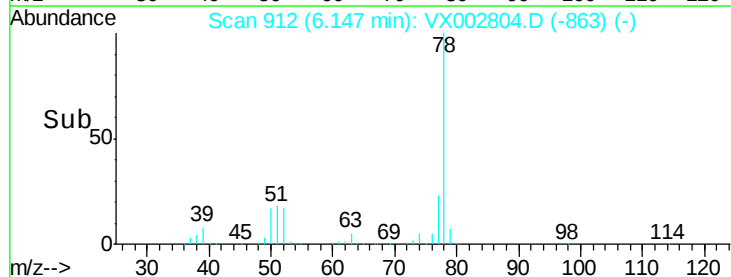
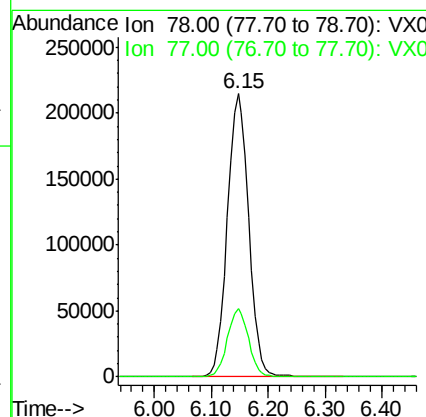
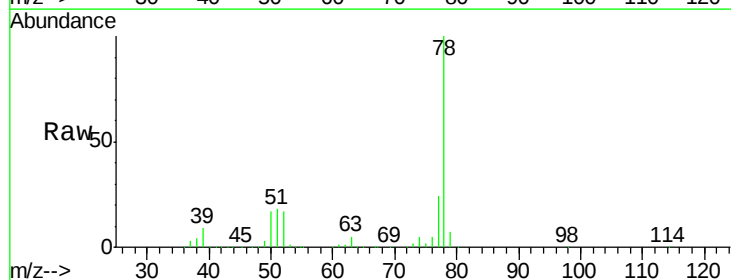
Manual Integrations
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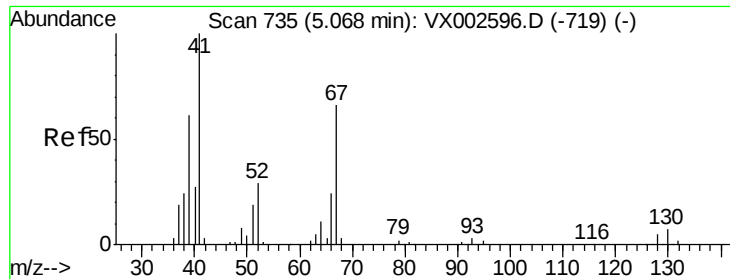
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#40
Benzene
Concen: 53.47 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





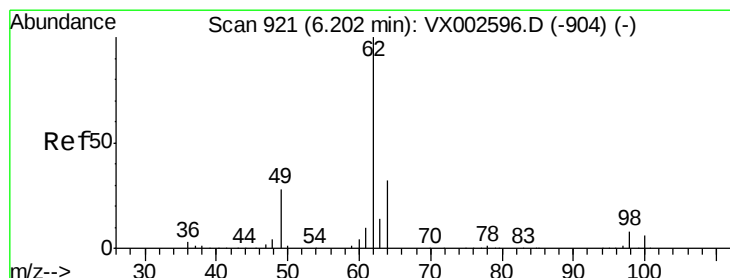
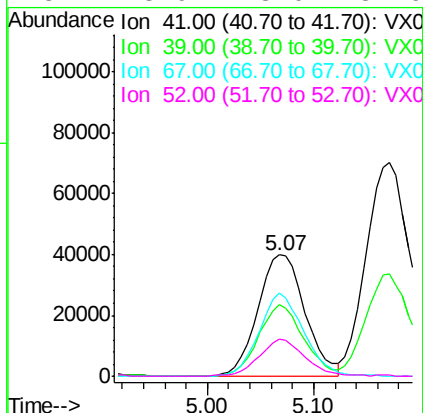
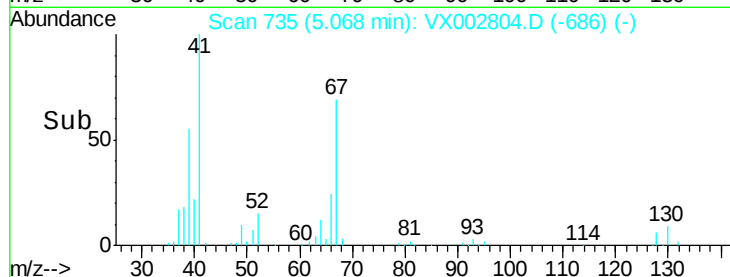
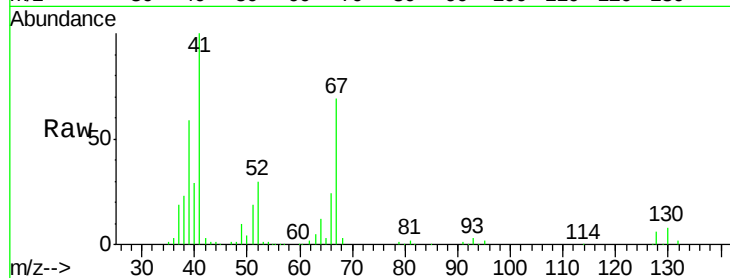
#41
Methacrylonitrile
Concen: 54.96 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	64.8	51.3	76.9
52	28.9	23.0	34.6

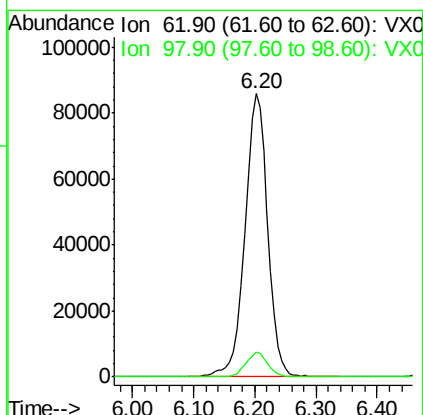
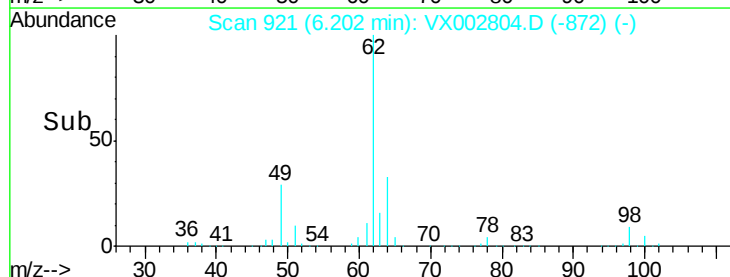
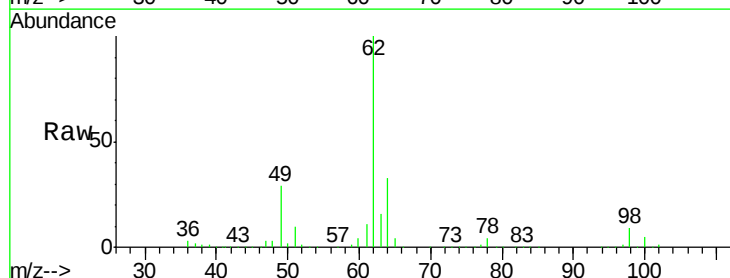
Manual Integrations
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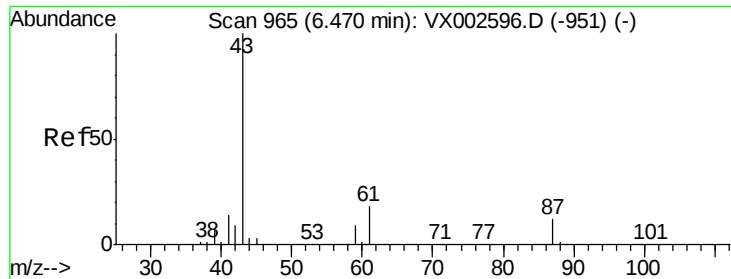
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#42
1,2-Dichloroethane
Concen: 54.59 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 52.91 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

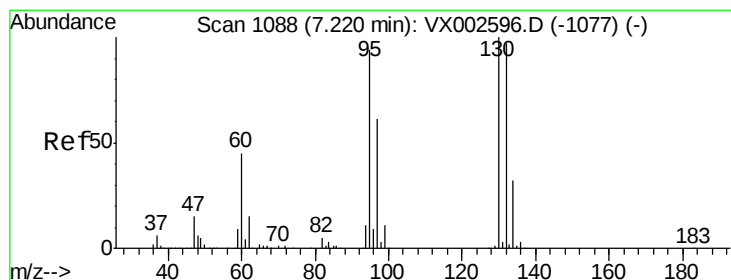
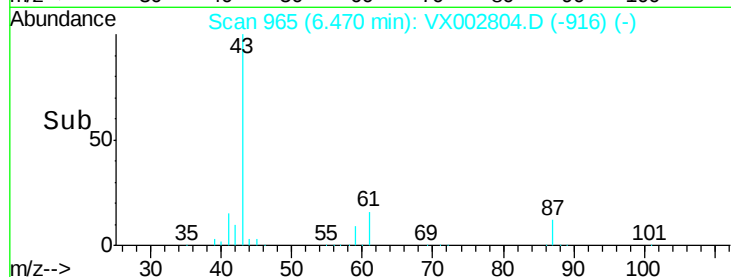
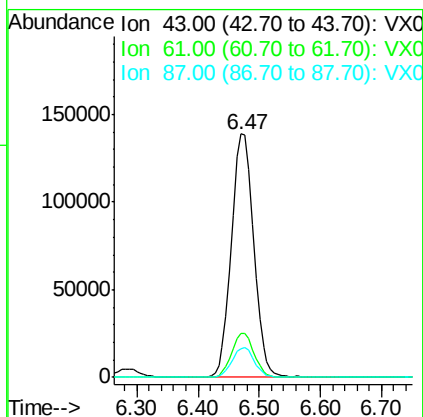
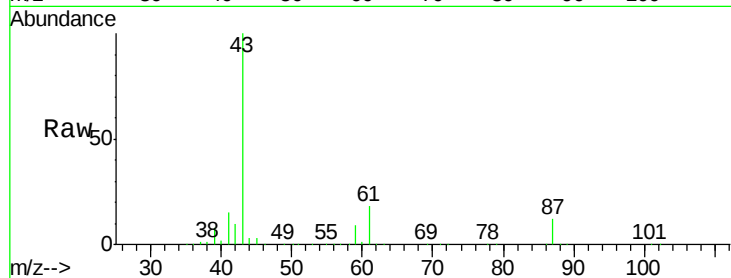
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	347605
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.3	9.5	14.3

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#44

Trichloroethene

Concen: 53.76 ug/l

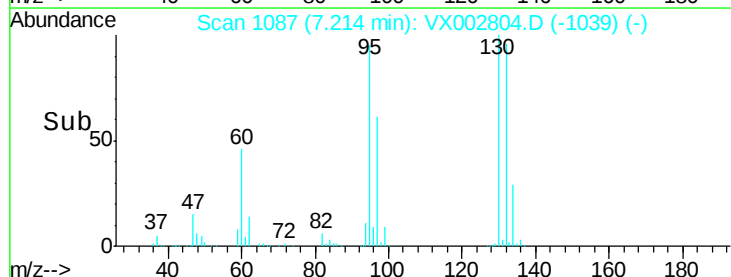
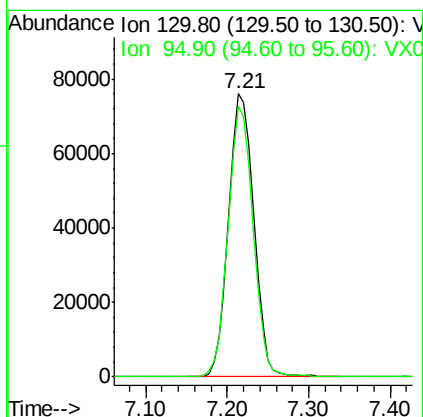
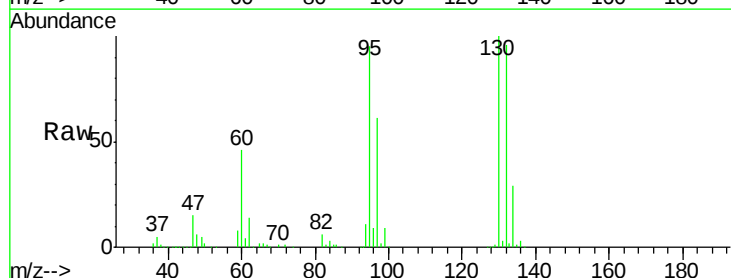
RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	130	Resp:	162989
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	185.4





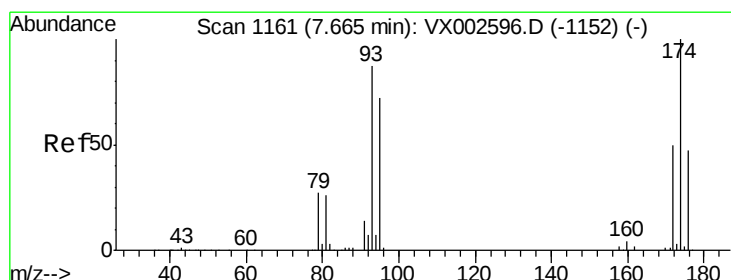
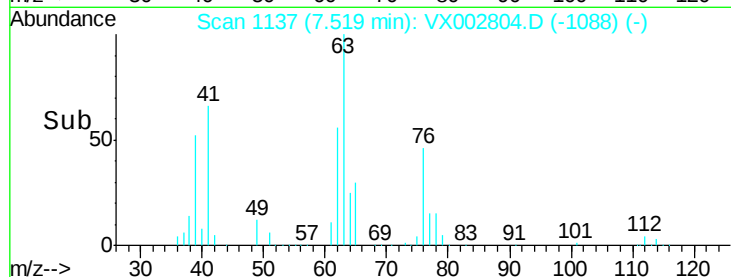
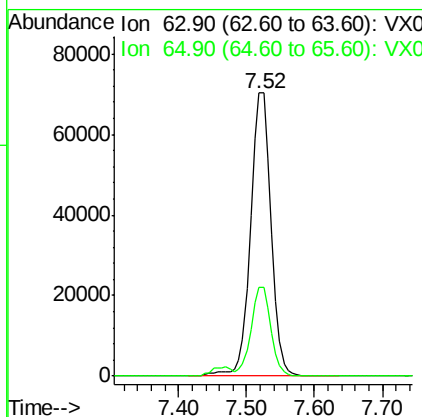
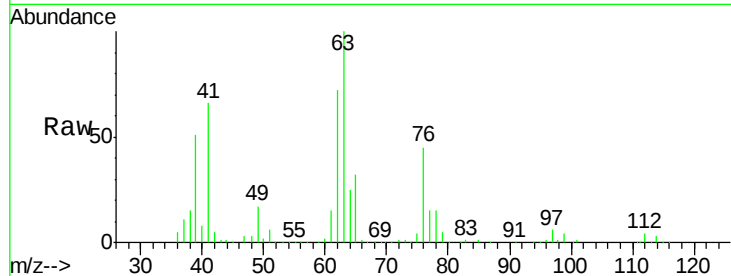
#45
 1,2-Dichloropropane
 Concen: 53.65 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 148306
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1

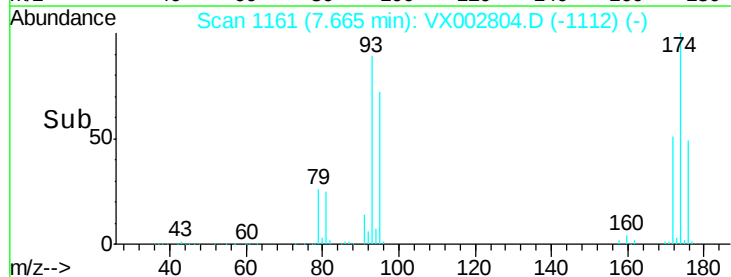
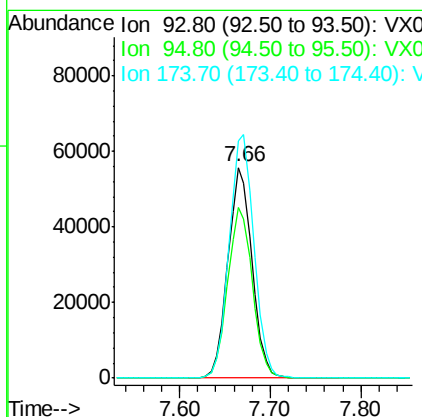
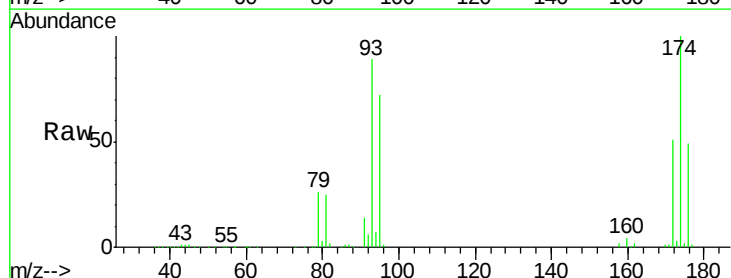
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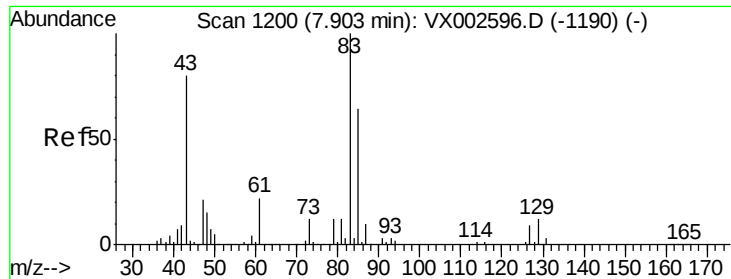
apatel
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#46
 Dibromomethane
 Concen: 55.78 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Tgt Ion: 93 Resp: 103151
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 118.4 92.4 138.6





#47

Bromodichloromethane

Concen: 60.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

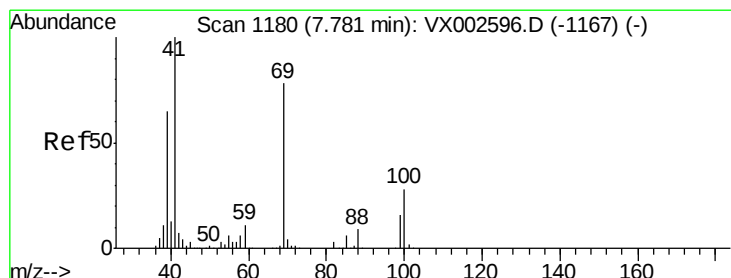
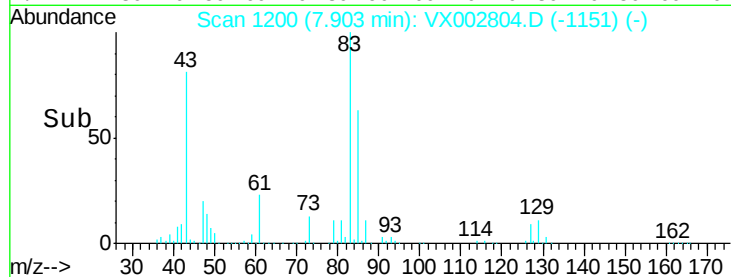
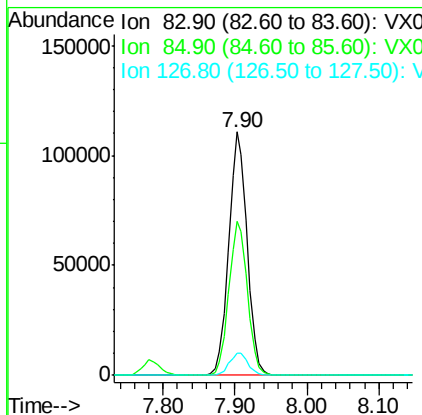
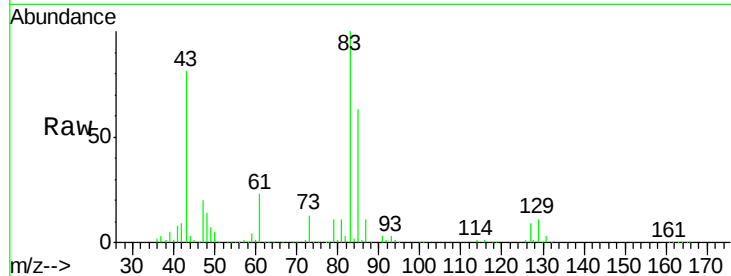
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	195908
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.3	75.5
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 55.78 ug/l

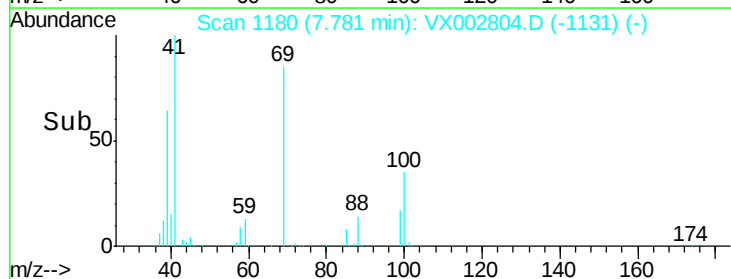
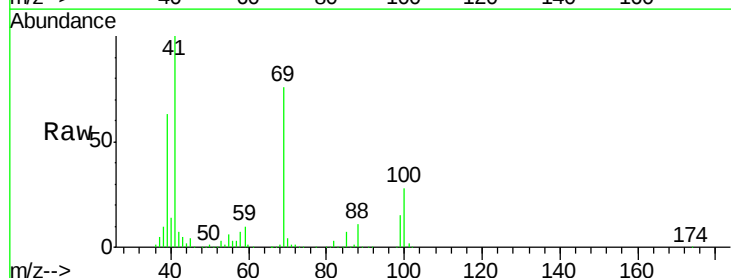
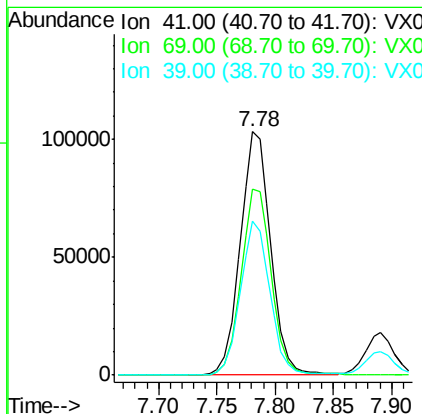
RT: 7.78 min Scan# 1180

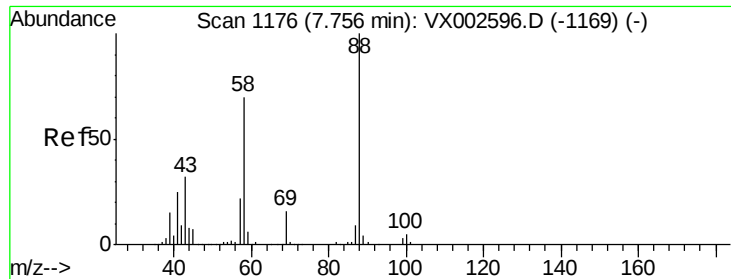
Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	41	Resp:	187274
Ion Ratio	Lower	Upper	
41	100		
69	76.4	59.1	88.7
39	61.4	48.9	73.3





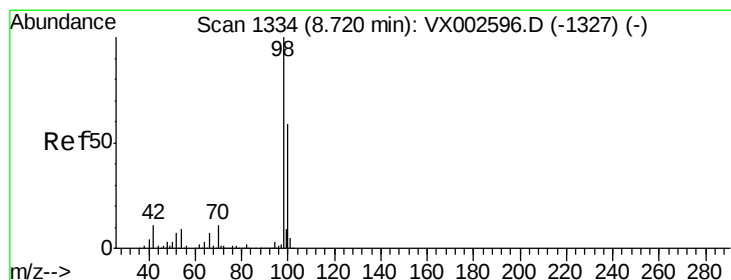
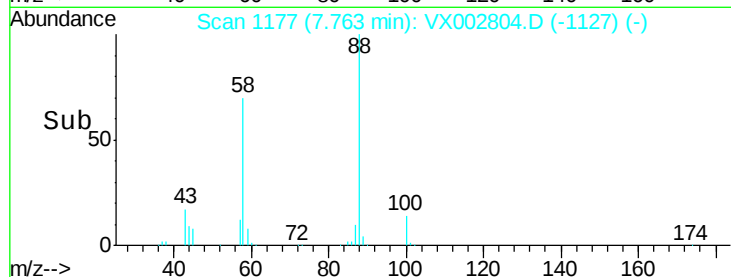
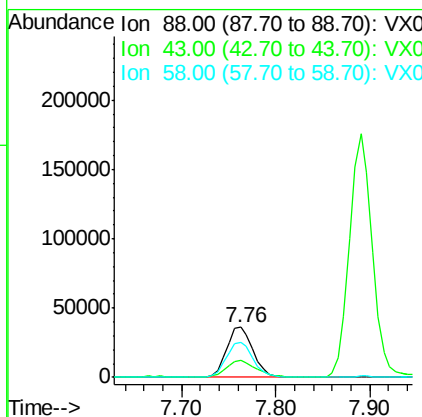
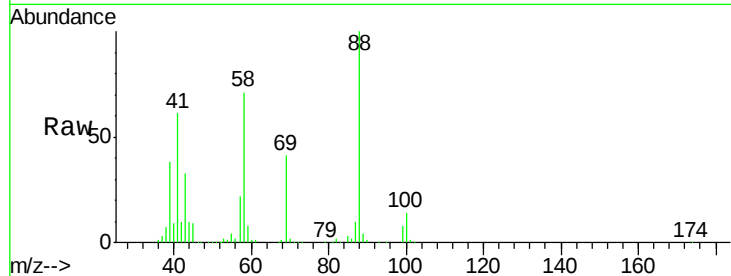
#49
1,4-Dioxane
Concen: 1106.43 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	29.8	44.6
58	71.1	57.1	85.7

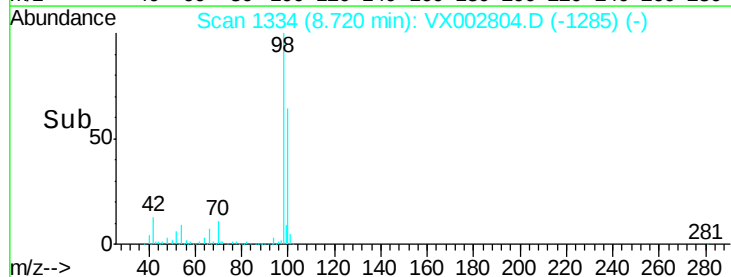
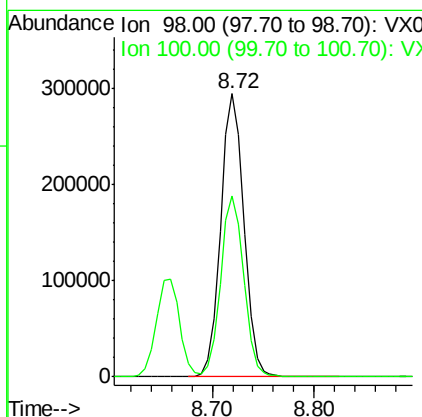
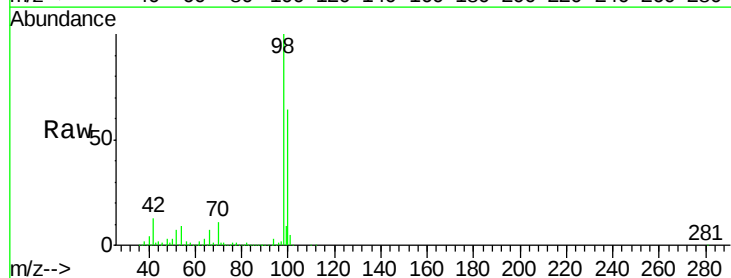
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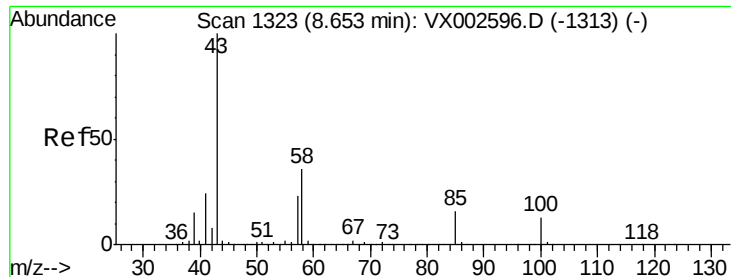
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#50
Toluene-d8
Concen: 46.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





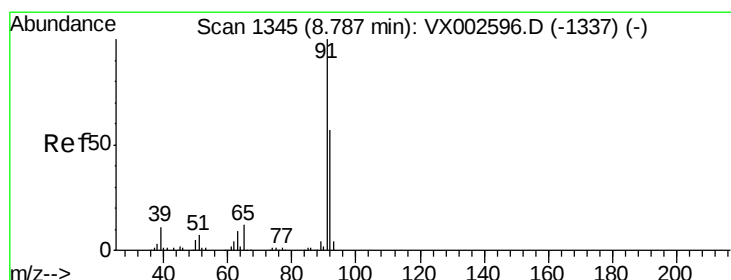
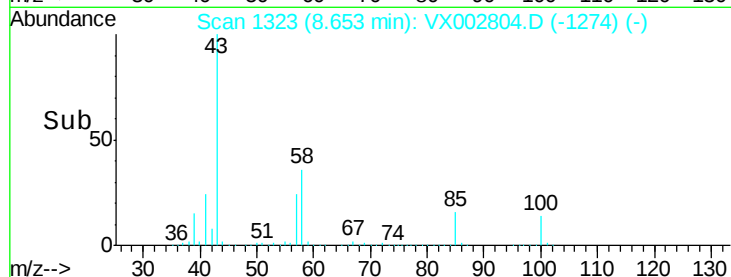
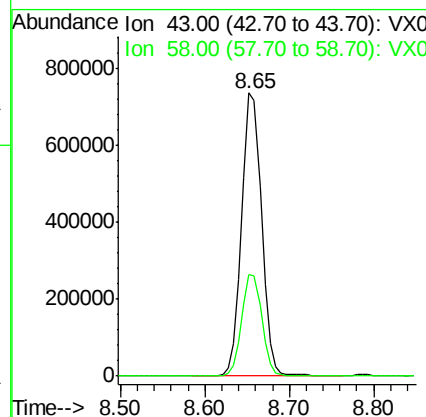
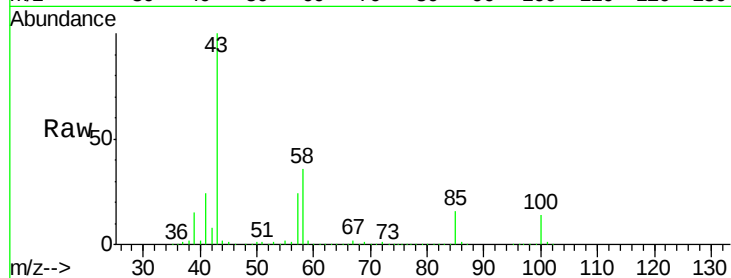
#51
4-Methyl-2-Pentanone
Concen: 276.98 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1168302
Ion Ratio Lower Upper
43 100
58 36.1 28.6 42.8

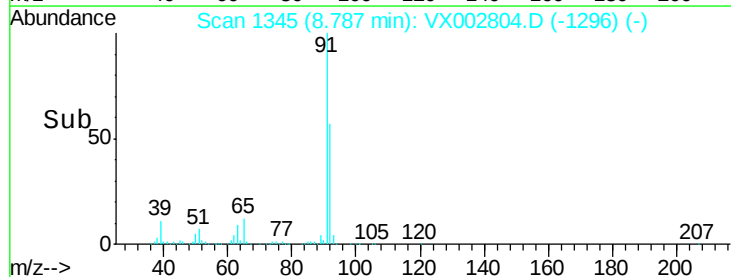
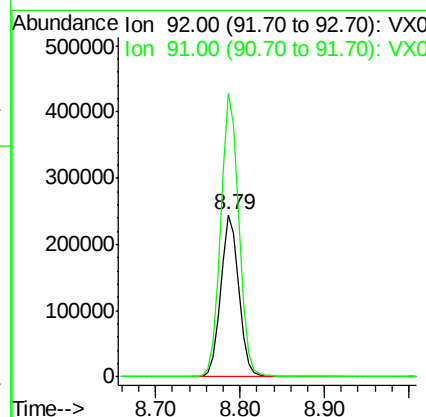
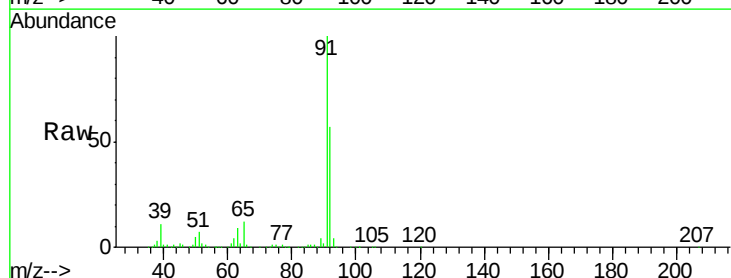
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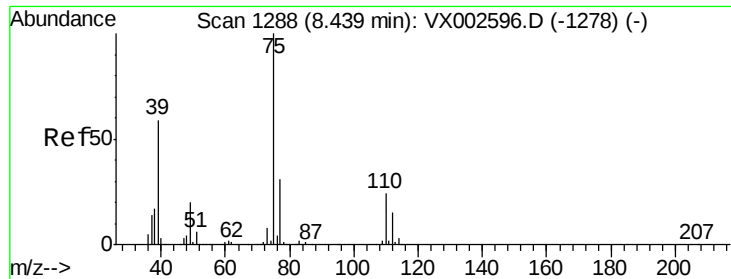
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#52
Toluene
Concen: 54.59 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion: 92 Resp: 365756
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6





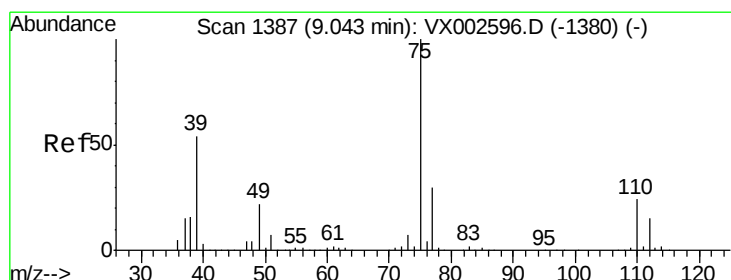
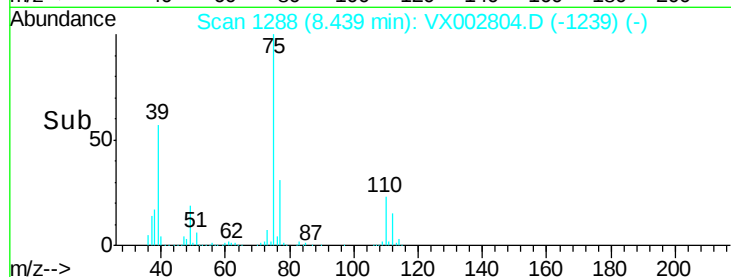
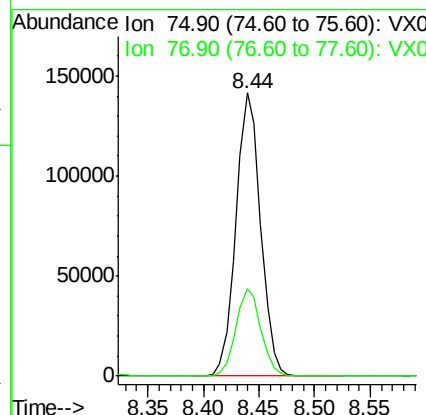
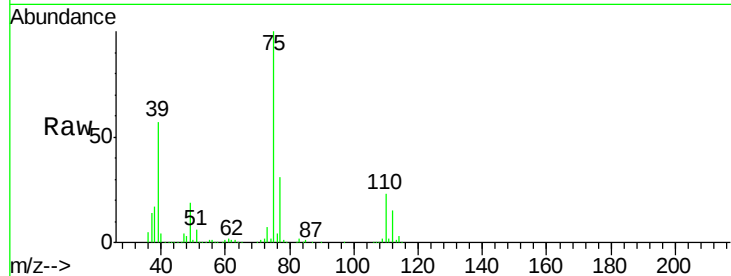
#53
t-1,3-Dichloropropene
Concen: 50.19 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 216754
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

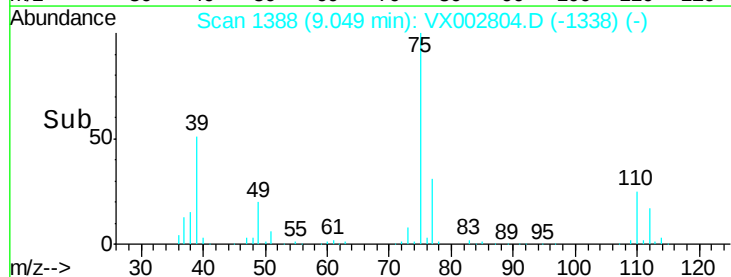
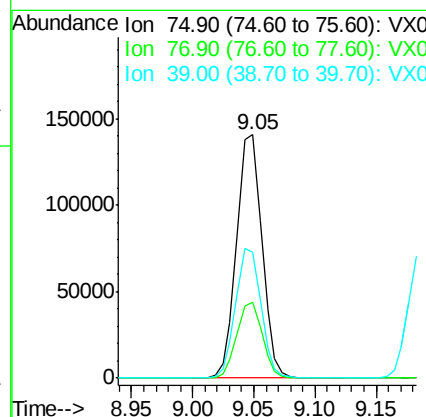
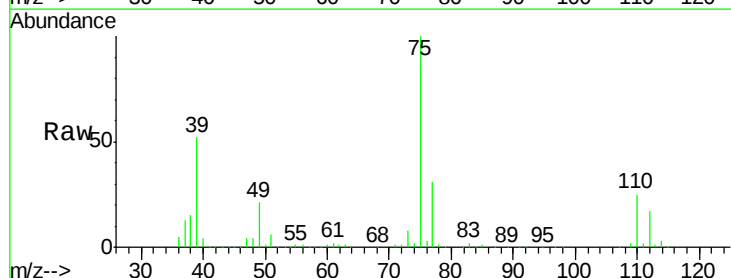
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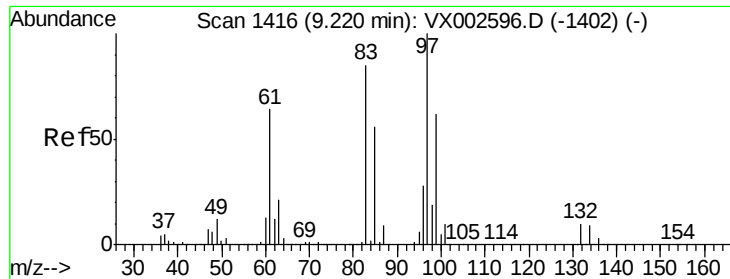
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#54
cis-1,3-Dichloropropene
Concen: 49.13 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion: 75 Resp: 202093
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 51.4 42.4 63.6





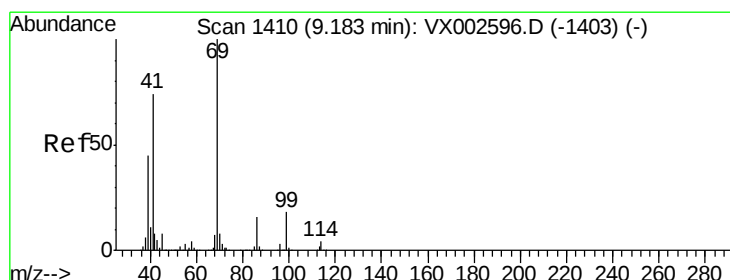
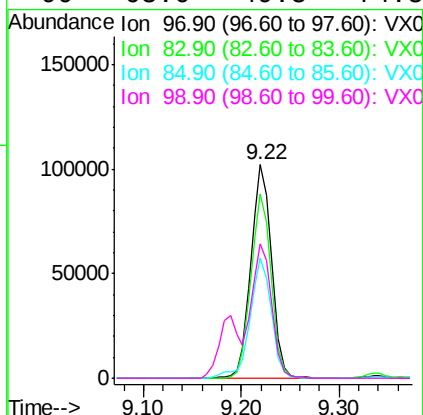
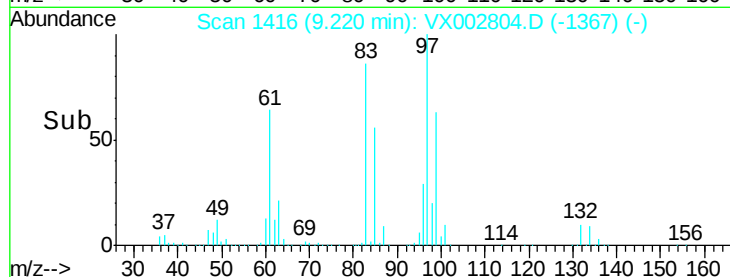
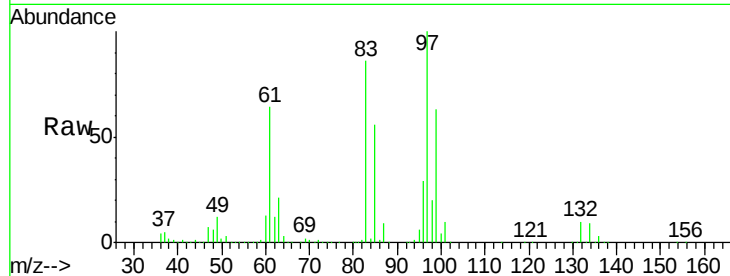
#55
 1,1,2-Trichloroethane
 Concen: 55.18 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	149395
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.2
85	56.1	44.9	67.3
99	63.0	49.8	74.8

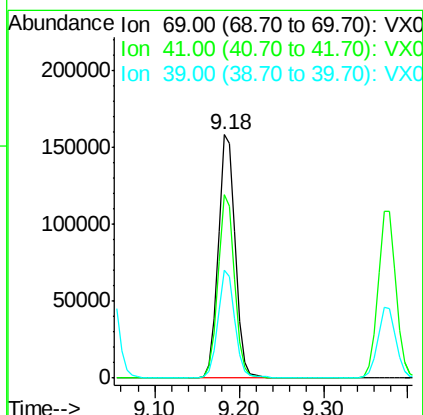
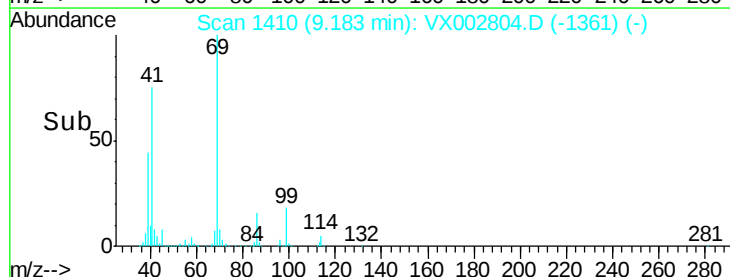
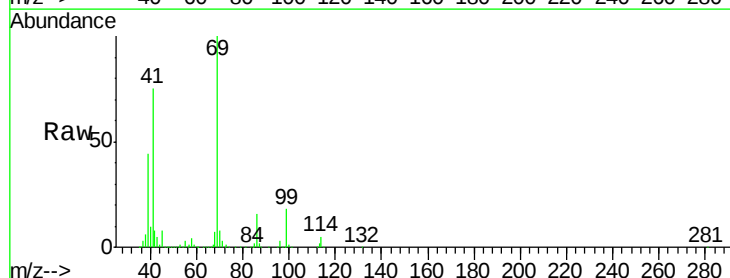
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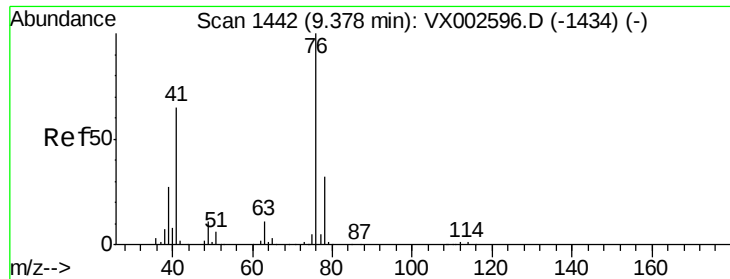
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#56
 Ethyl methacrylate
 Concen: 53.32 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Tgt Ion:	69	Resp:	222176
Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	43.9	35.8	53.8





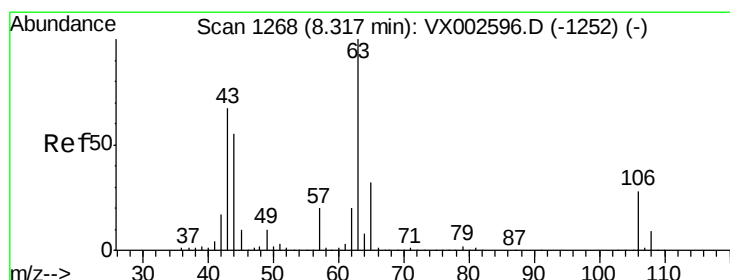
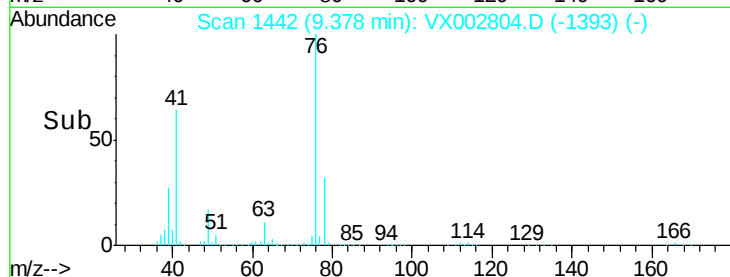
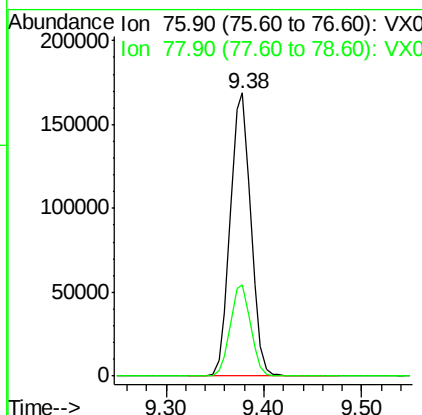
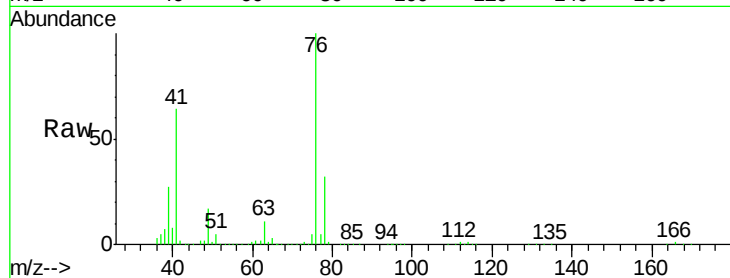
#57
 1,3-Dichloropropane
 Concen: 53.84 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

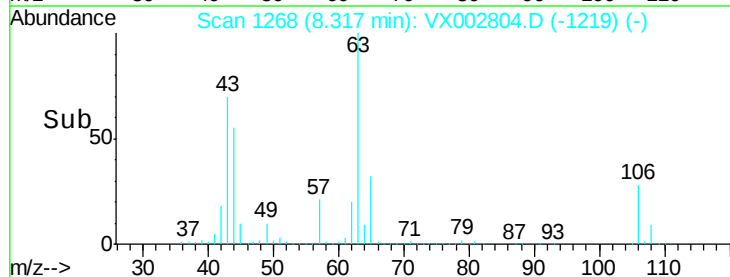
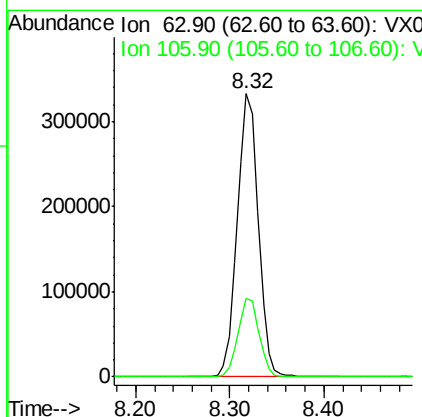
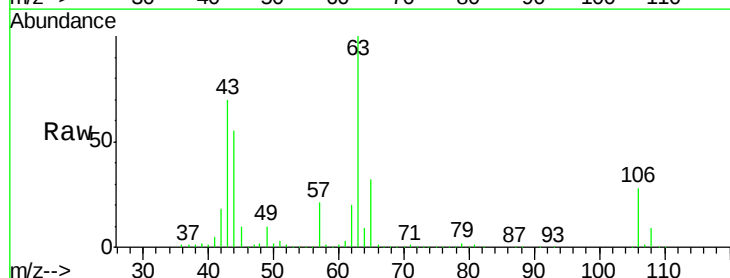
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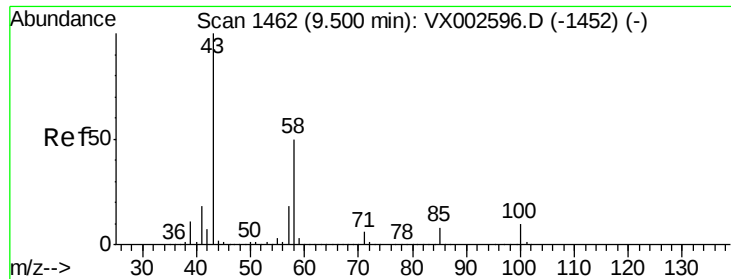
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.8	32.8





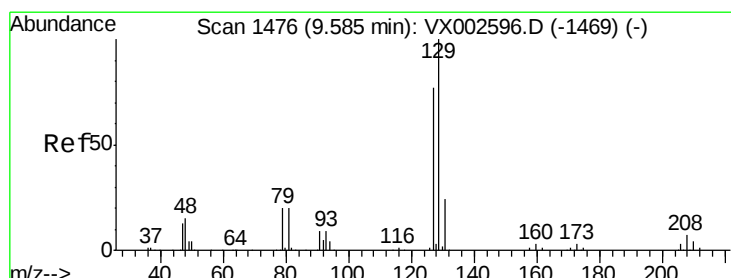
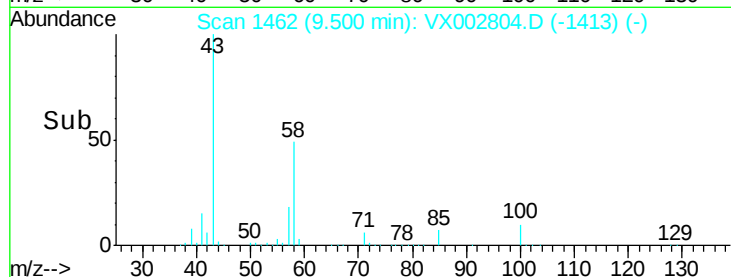
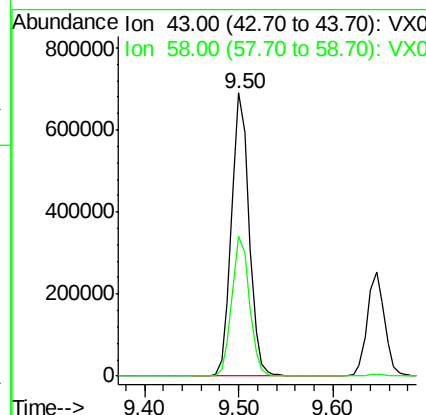
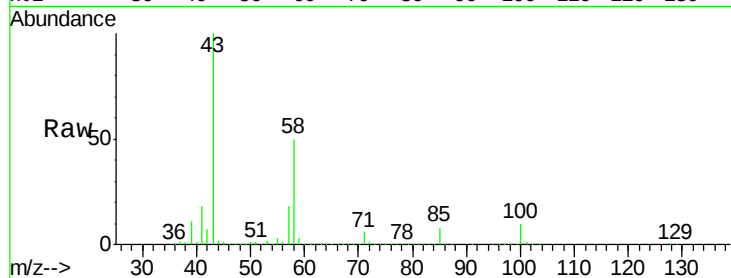
#59
2-Hexanone
Concen: 283.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 902114
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6

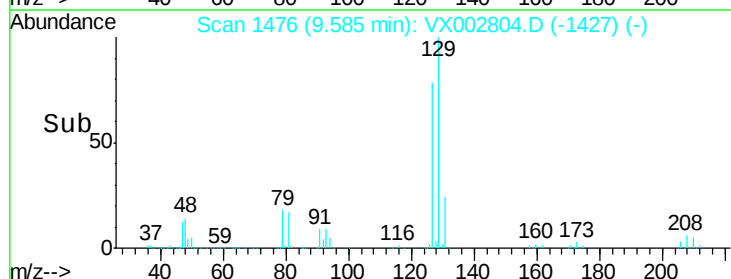
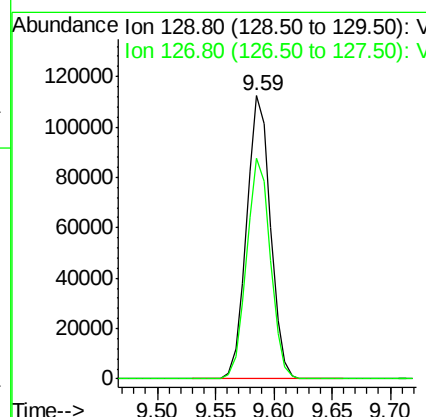
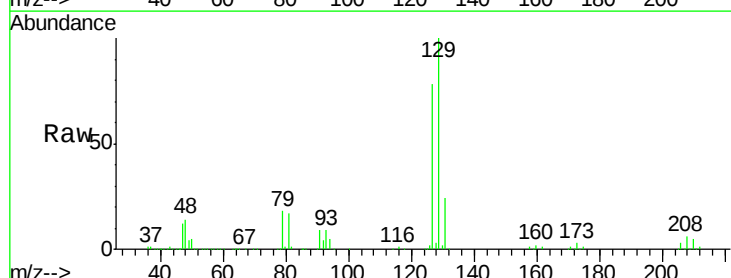
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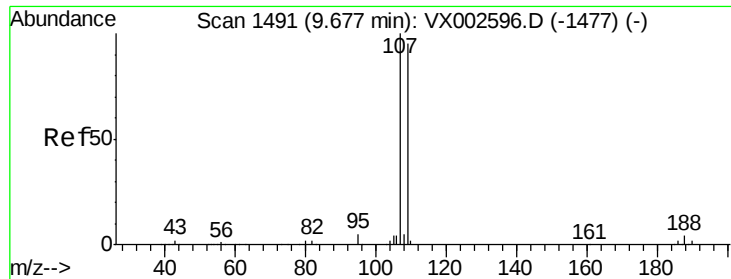
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#60
Dibromochloromethane
Concen: 52.73 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion: 129 Resp: 161283
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 57.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 160614

Ion Ratio Lower Upper

107 100

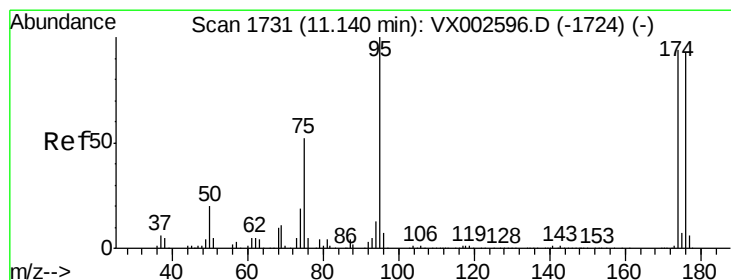
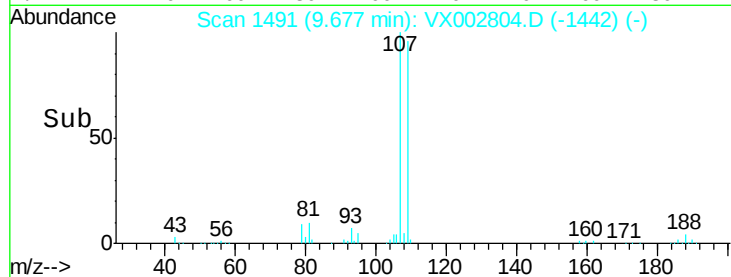
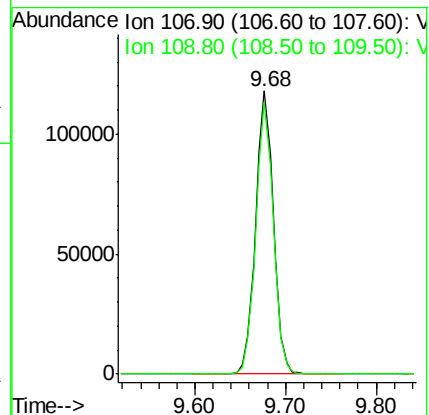
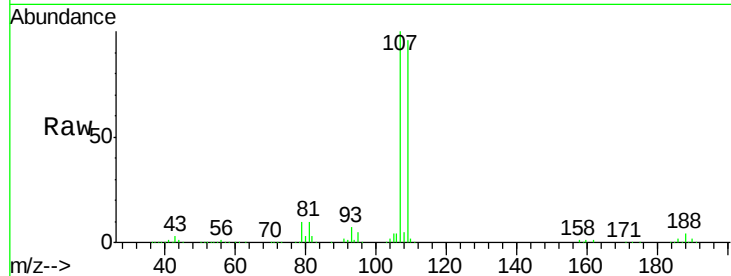
109 94.9 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 48.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

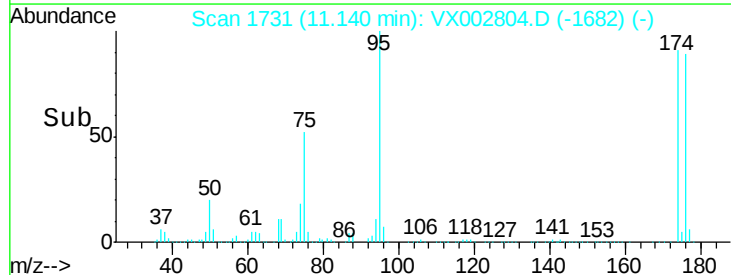
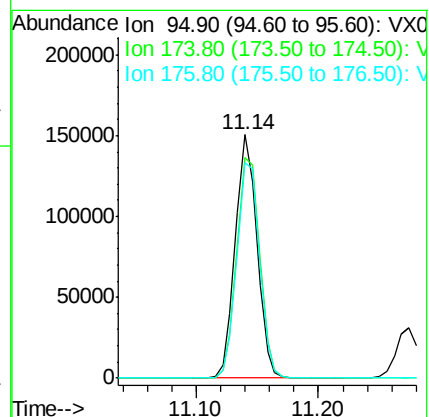
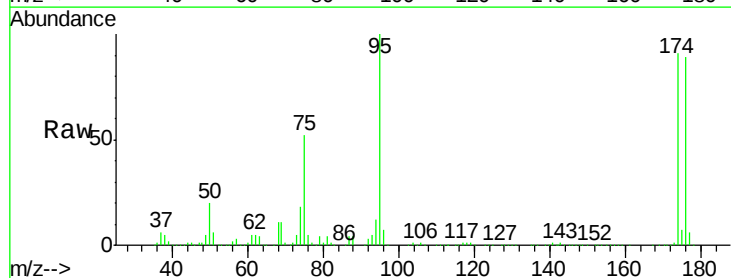
Tgt Ion: 95 Resp: 184232

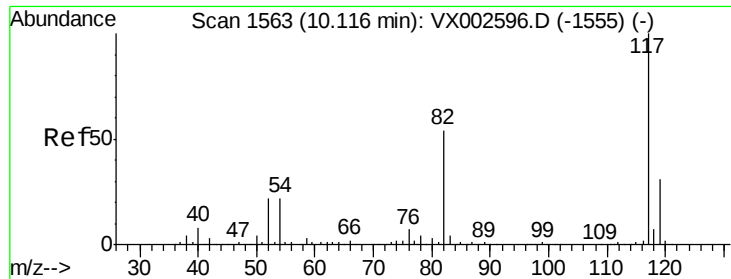
Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

176 93.4 0.0 181.0





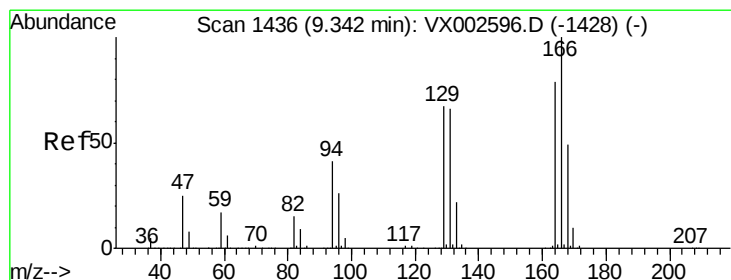
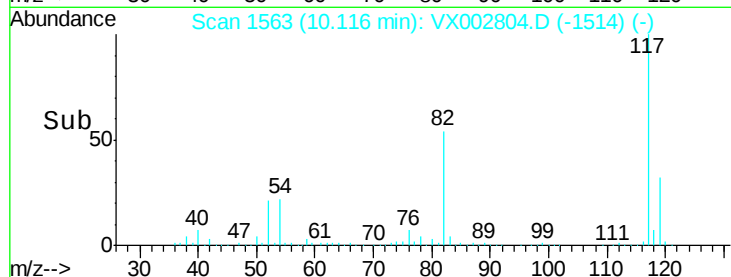
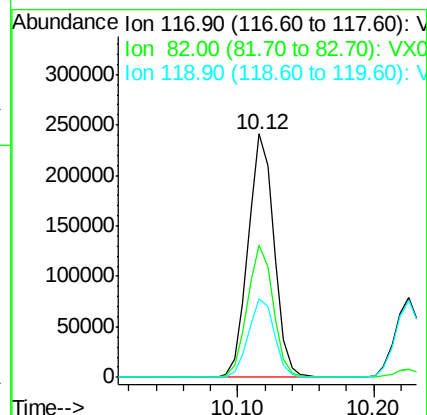
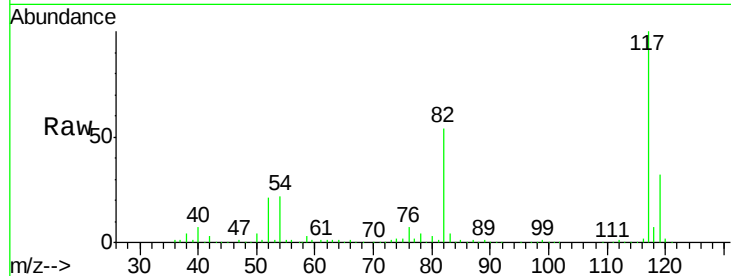
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	32.1	25.8	38.6

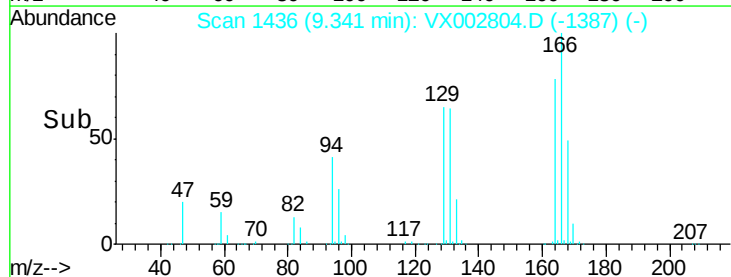
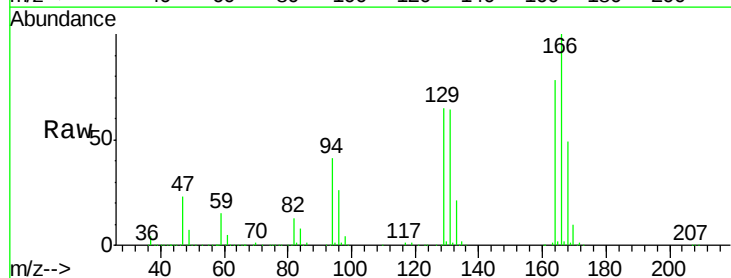
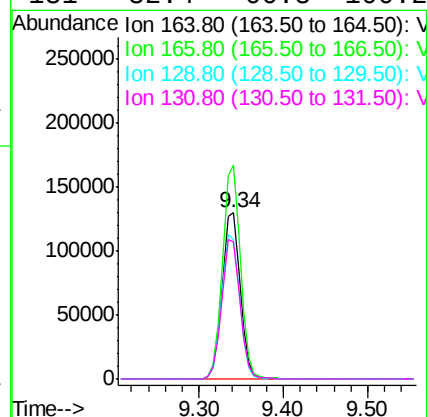
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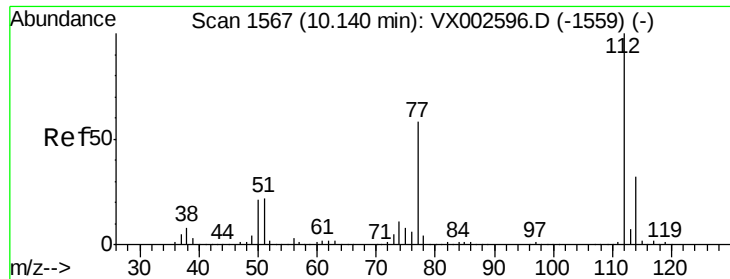
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#64
Tetrachloroethene
Concen: 54.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.9	154.3
129	83.9	68.6	102.8
131	82.4	66.8	100.2





#65

Chlorobenzene

Concen: 53.58 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 423901

Ion Ratio Lower Upper

112 100

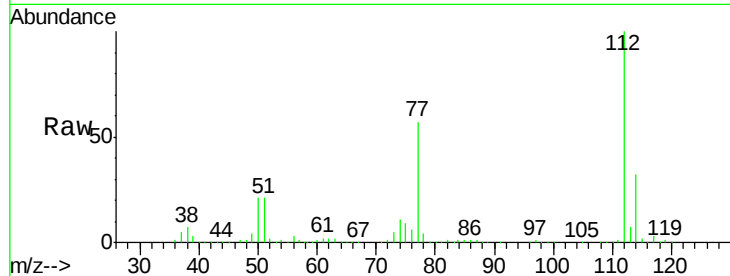
114 32.1 25.3 37.9

Manual Integrations

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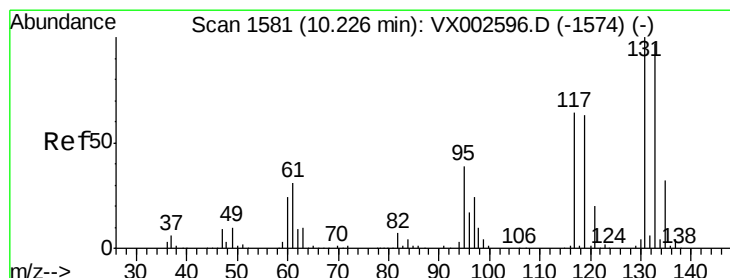
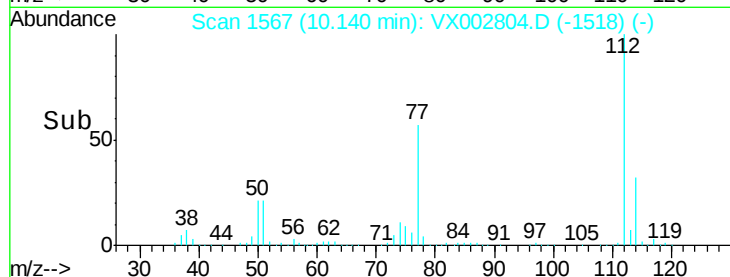
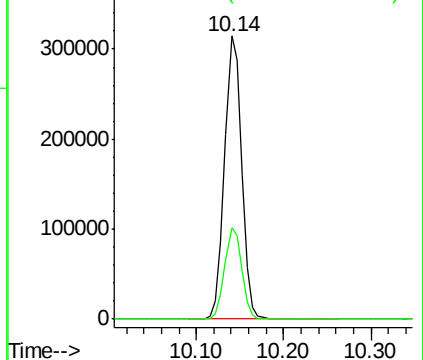
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 59.28 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

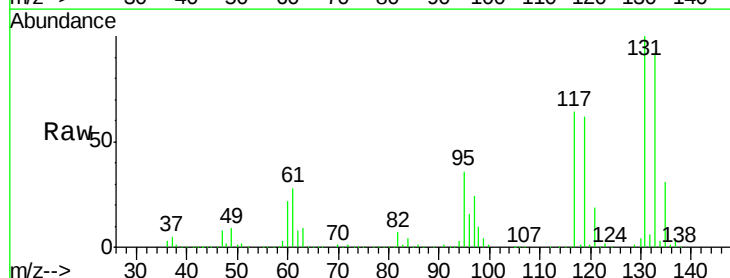
Tgt Ion:131 Resp: 159893

Ion Ratio Lower Upper

131 100

133 93.8 47.9 143.6

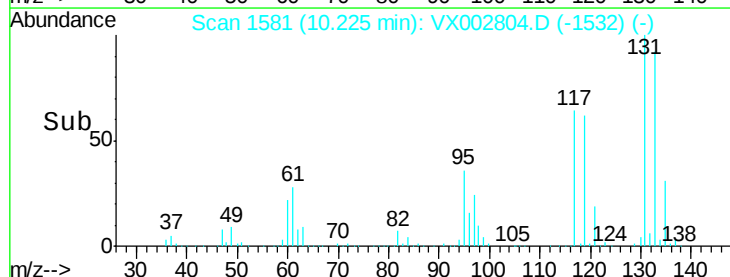
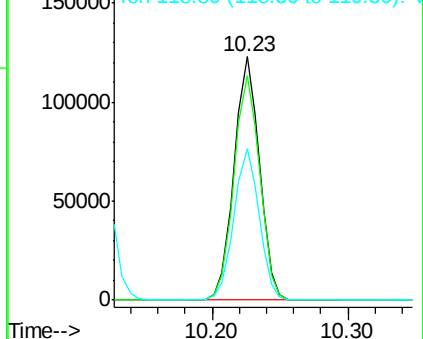
119 62.1 31.8 95.3

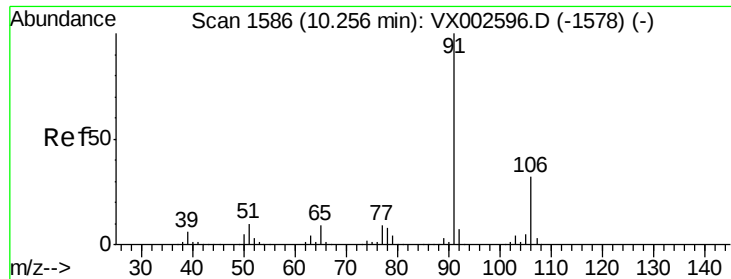


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





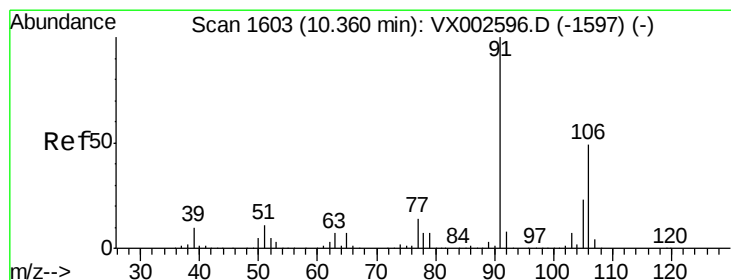
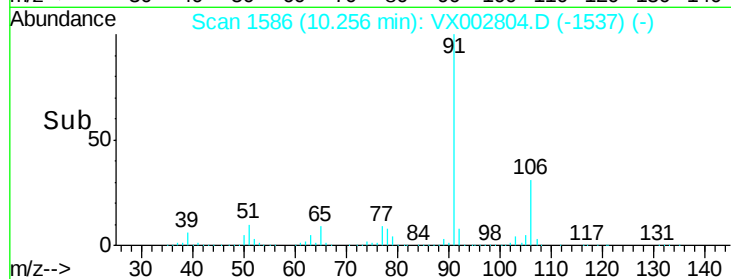
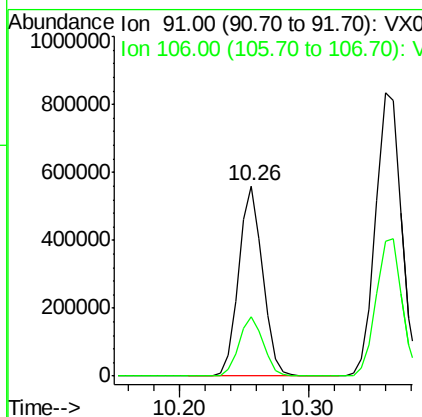
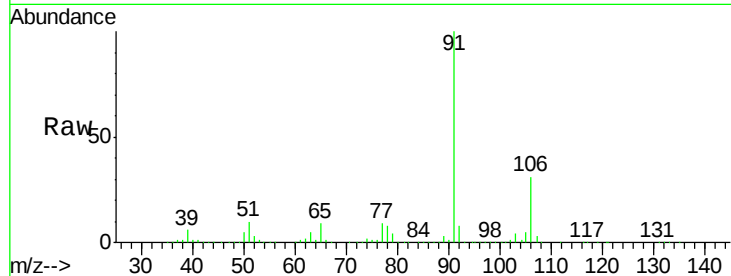
#67
Ethyl Benzene
Concen: 54.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 723226
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

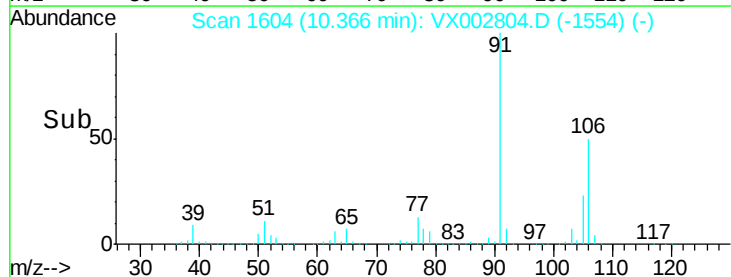
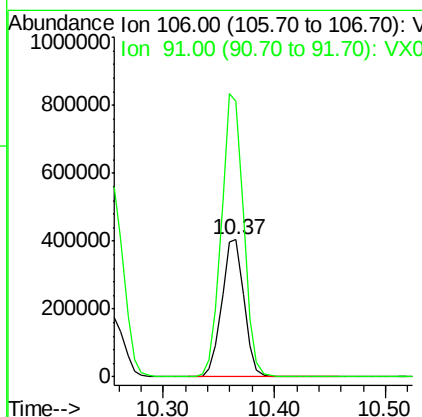
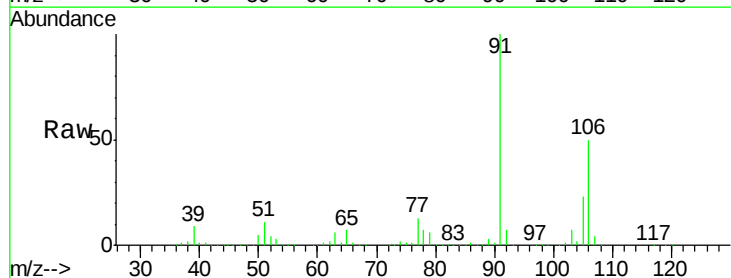
Manual Integrations
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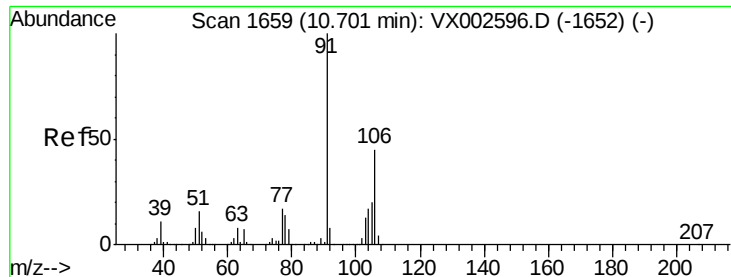
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#68
m/p-Xylenes
Concen: 109.12 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion: 106 Resp: 561707
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2





#69

o-Xylene

Concen: 54.31 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:106 Resp: 274643

Ion Ratio Lower Upper

106 100

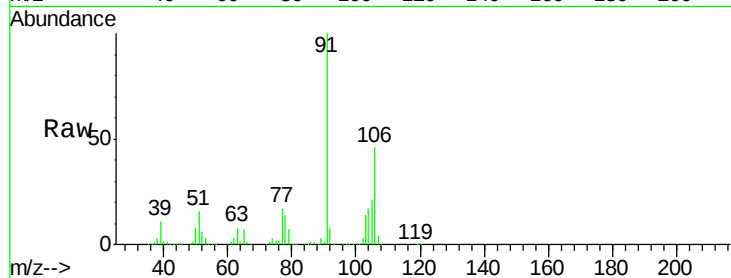
91 214.2 108.2 324.6

Manual Integrations

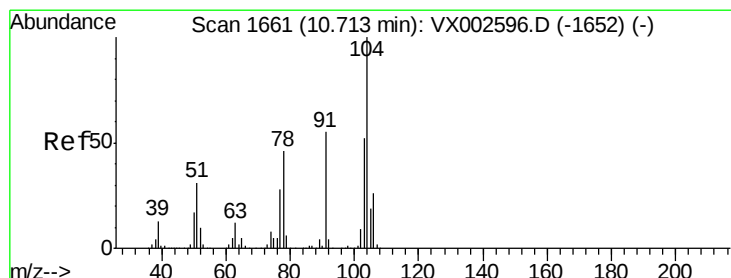
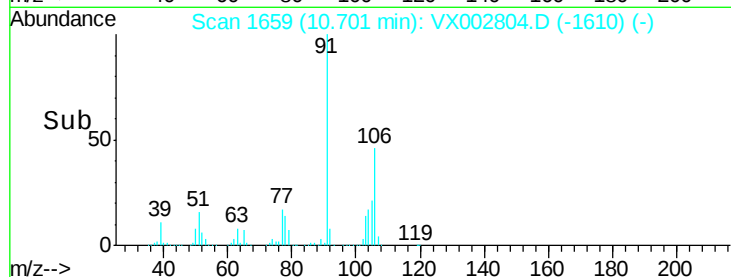
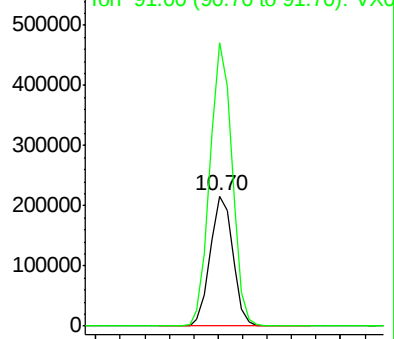
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Abundance Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 54.32 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

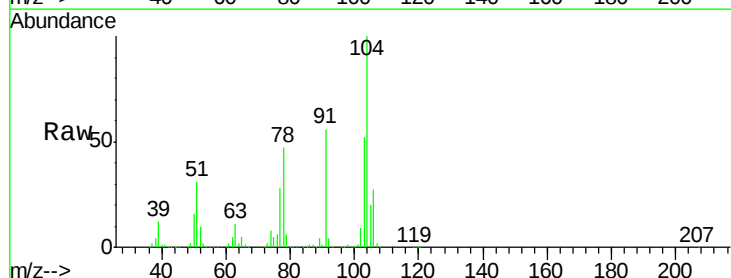
Tgt Ion:104 Resp: 451775

Ion Ratio Lower Upper

104 100

78 50.8 41.0 61.6

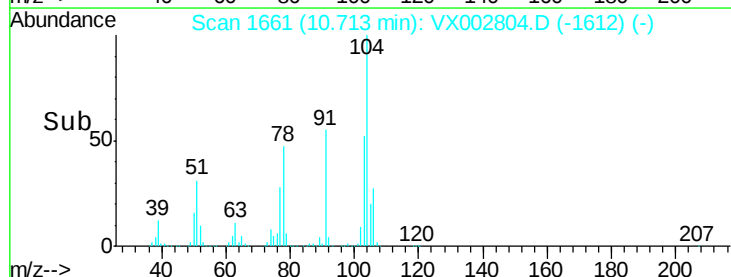
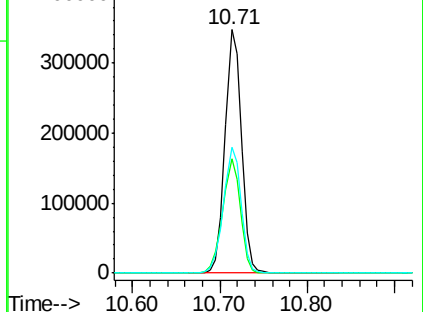
103 55.6 44.2 66.4

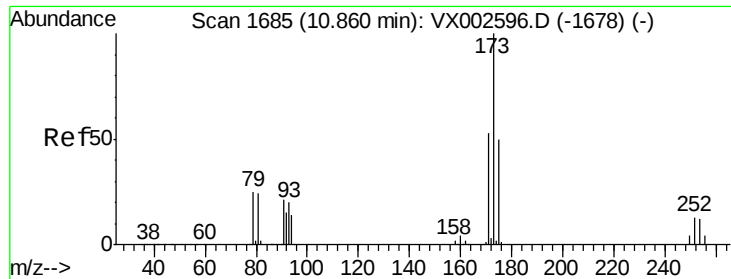


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





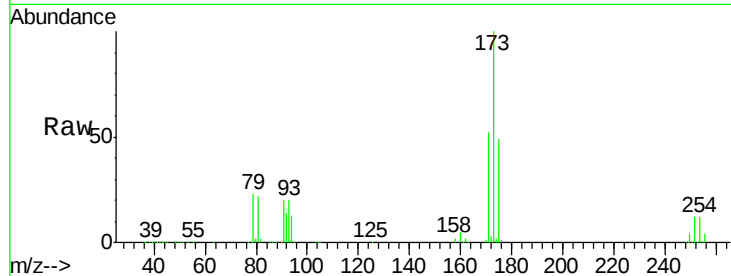
#71
Bromoform
Concen: 51.93 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

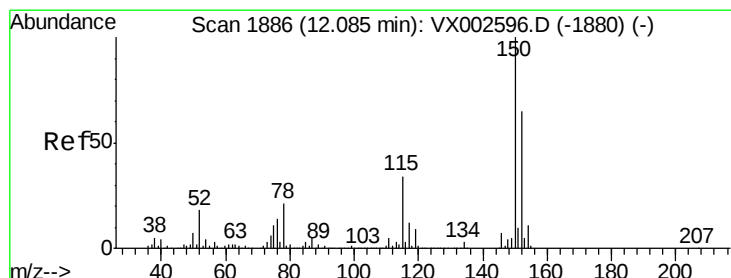
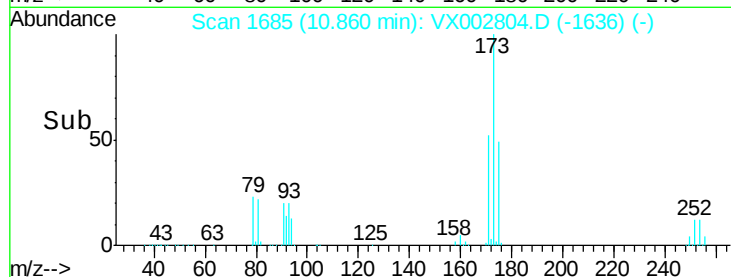
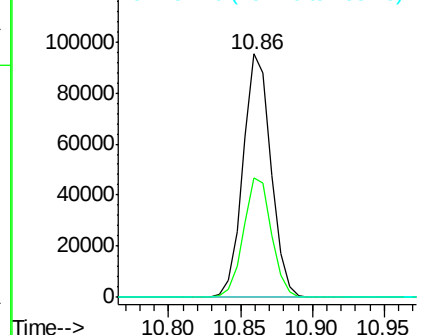
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

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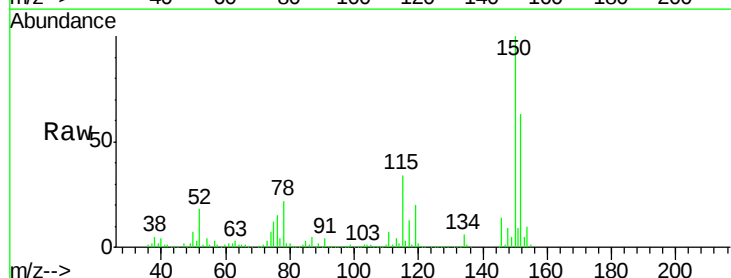


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

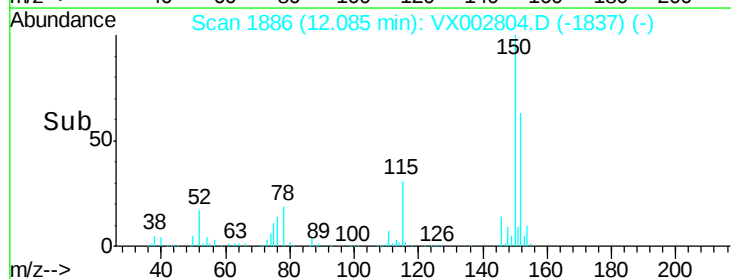
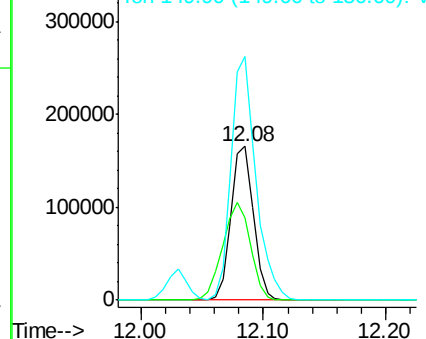


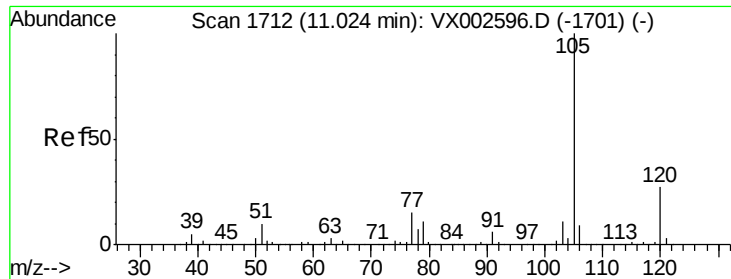
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.4	40.1	120.2
150	175.8	0.0	347.2



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





#73

Isopropylbenzene

Concen: 53.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 744907

Ion Ratio Lower Upper

105 100

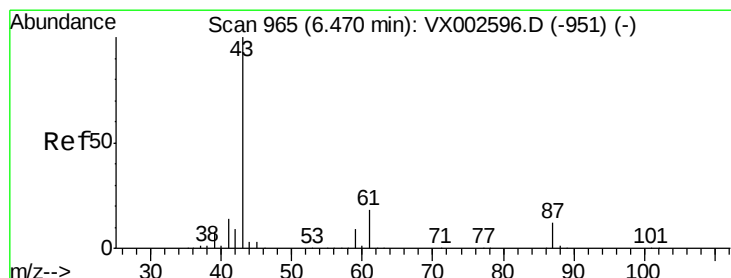
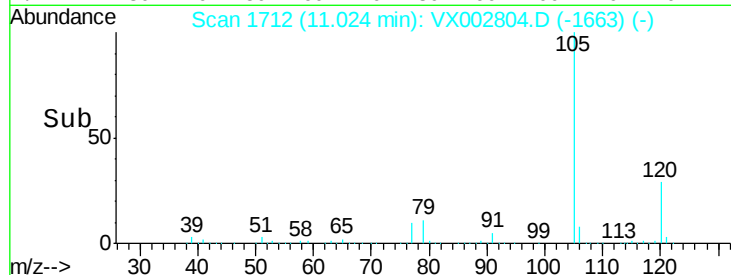
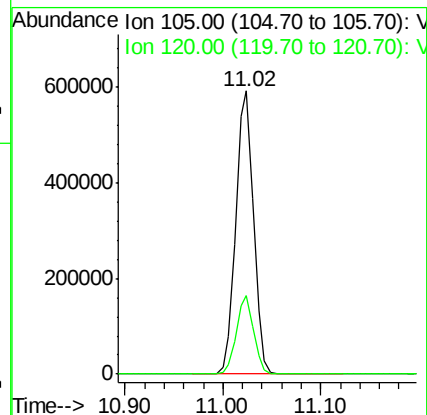
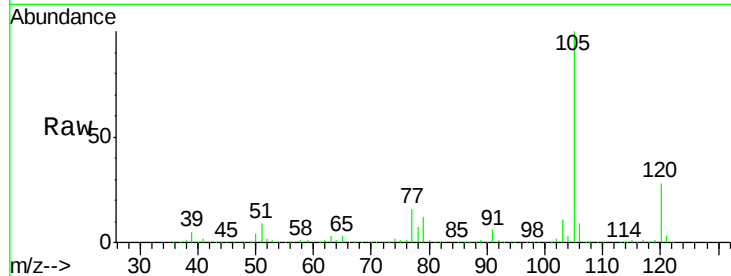
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 50.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion: 43 Resp: 347605

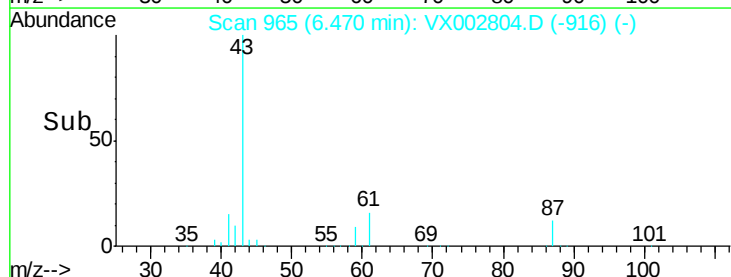
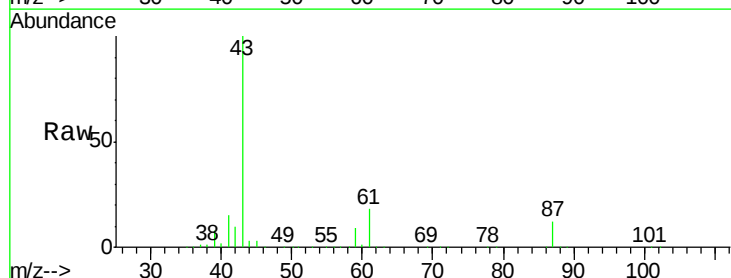
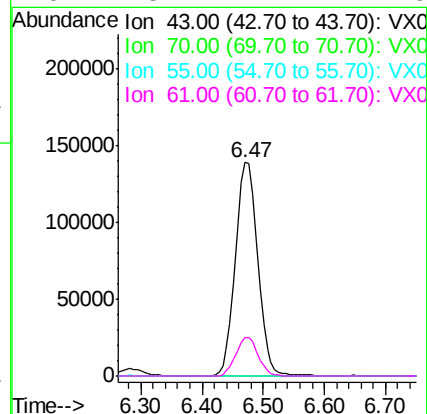
Ion Ratio Lower Upper

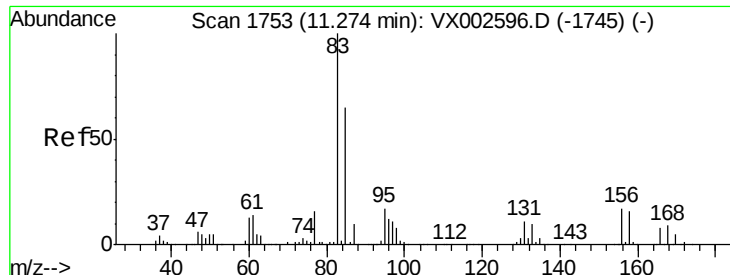
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.61 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

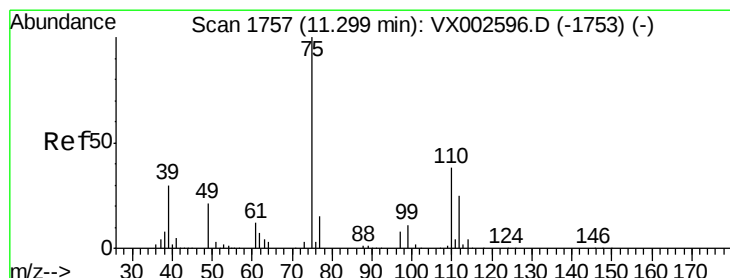
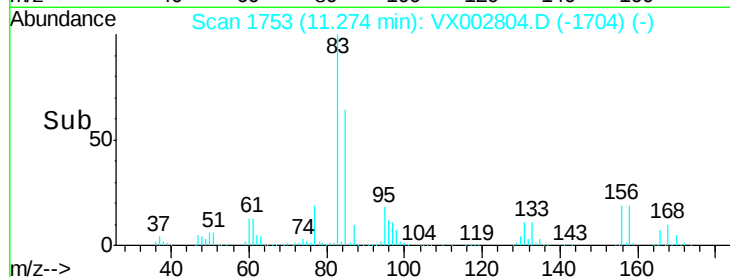
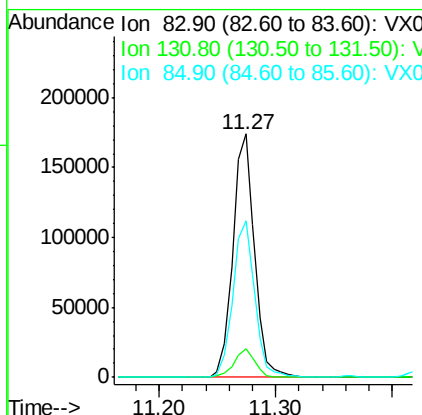
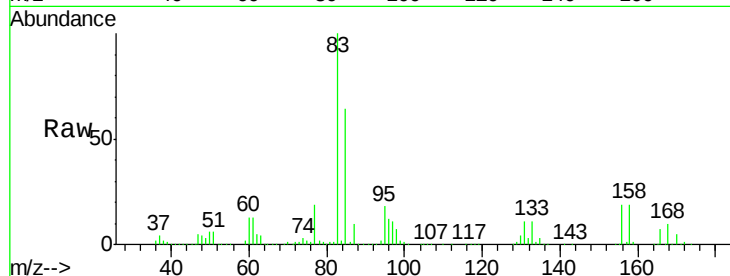
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	225183
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	65.0	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.38 ug/l m

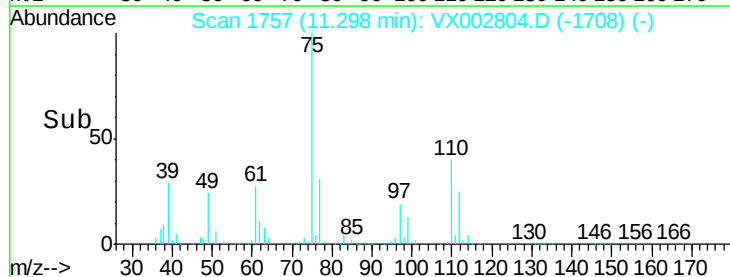
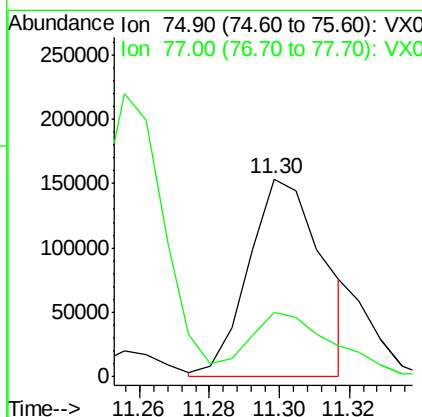
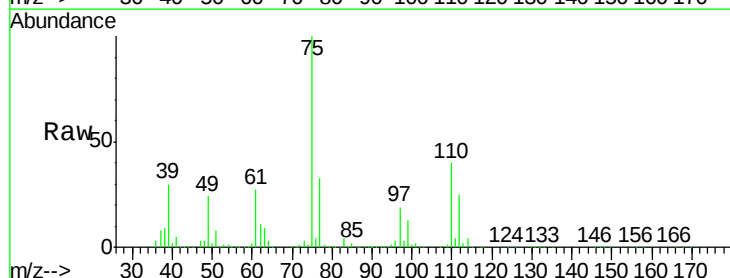
RT: 11.30 min Scan# 1757

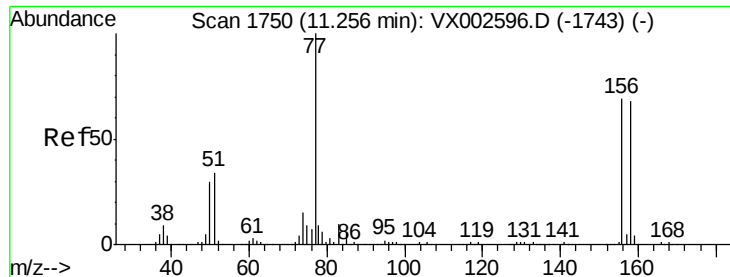
Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	75	Resp:	226063
Ion Ratio	Lower	Upper	
75	100		
77	37.6	22.8	68.3





#77

Bromobenzene

Concen: 53.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

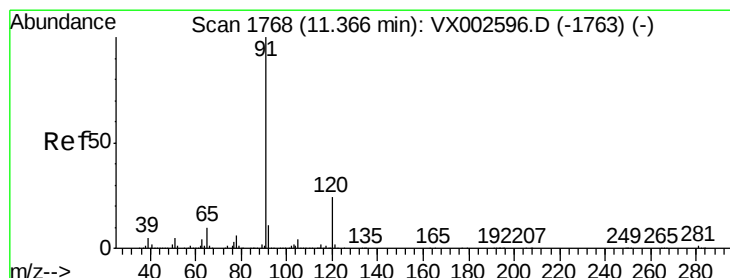
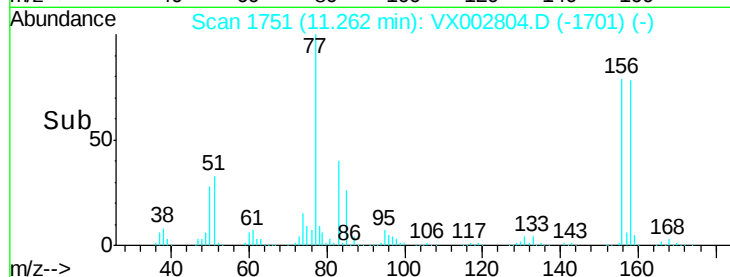
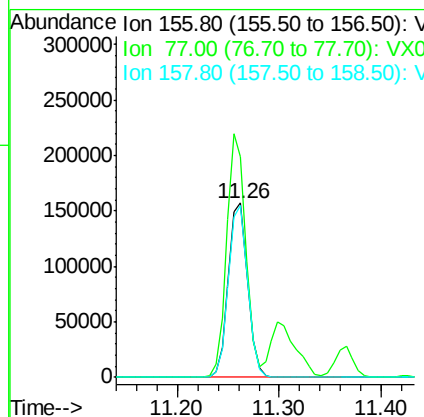
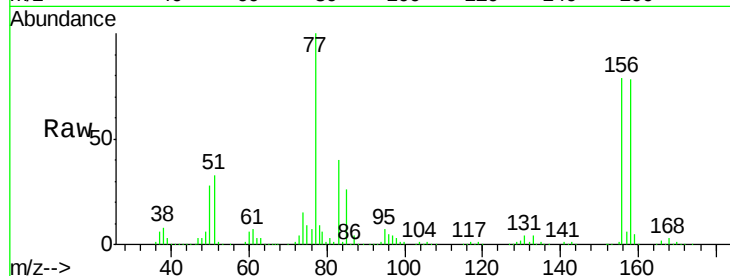
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	206597
Ion Ratio	Lower	Upper	
156	100		
77	137.1	71.4	214.2
158	97.9	48.9	146.6

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#78

n-propylbenzene

Concen: 53.03 ug/l

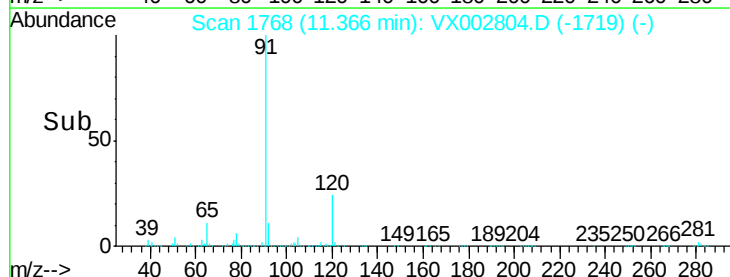
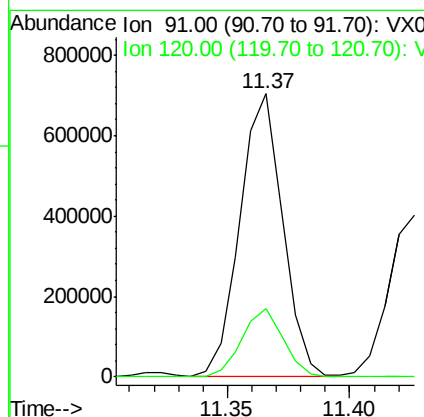
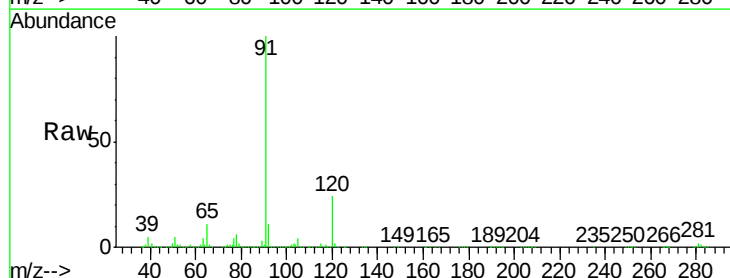
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	91	Resp:	849271
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 52.69 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 503789

Ion Ratio Lower Upper

91 100

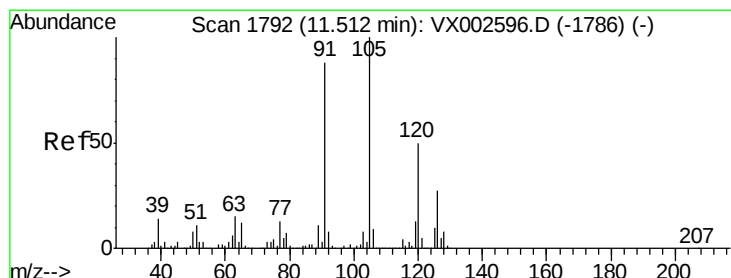
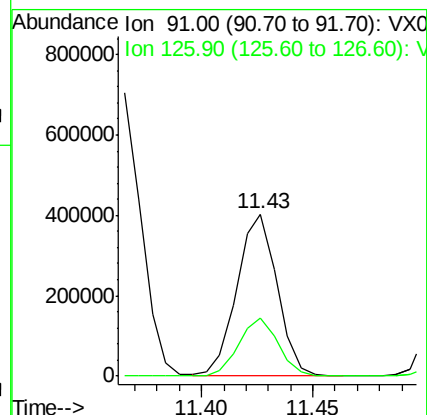
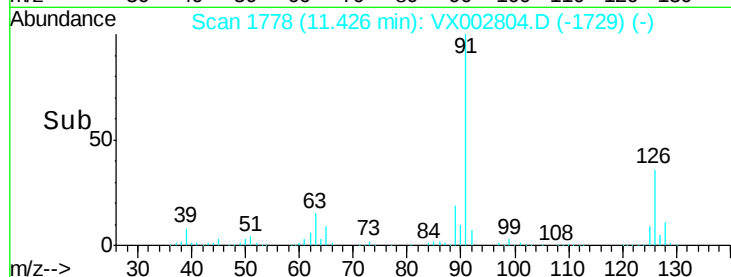
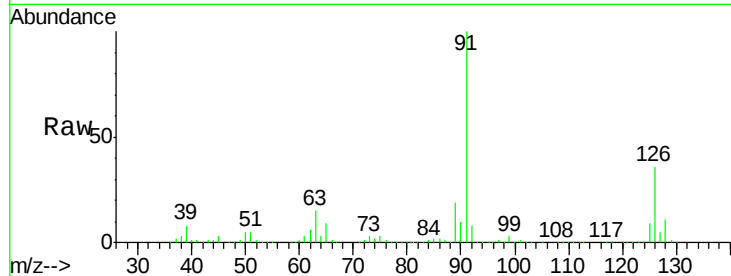
126 35.6 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 53.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002804.D

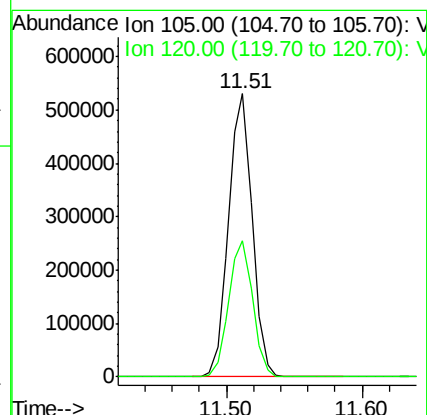
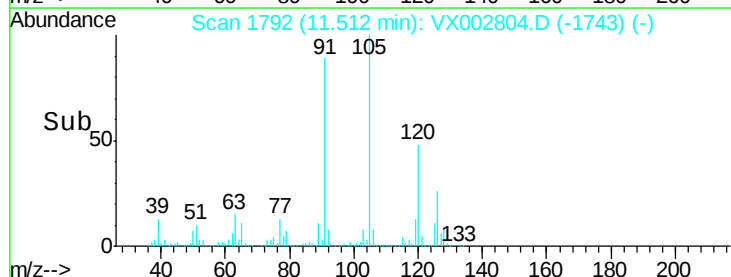
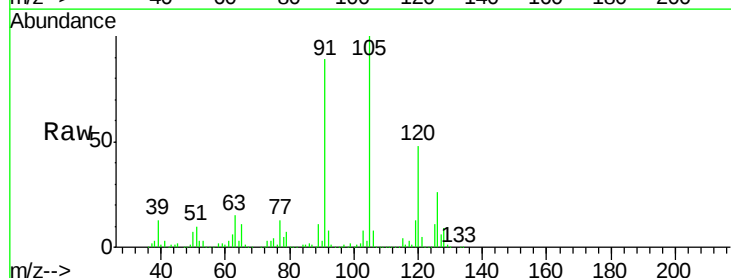
Acq: 21 Jun 2018 22:41

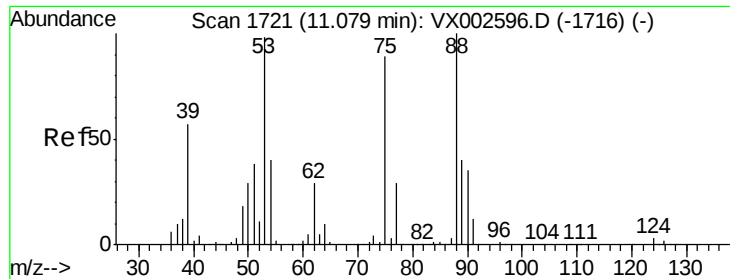
Tgt Ion: 105 Resp: 636650

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4





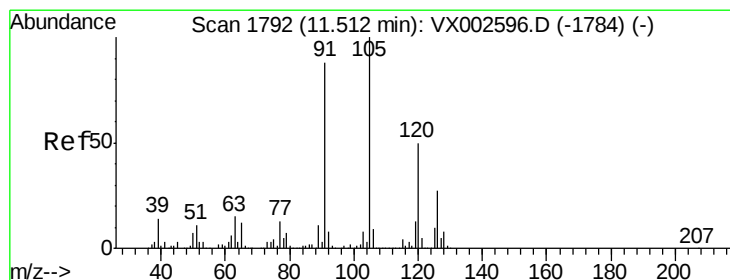
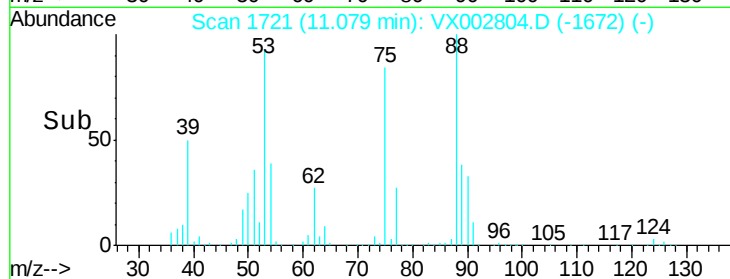
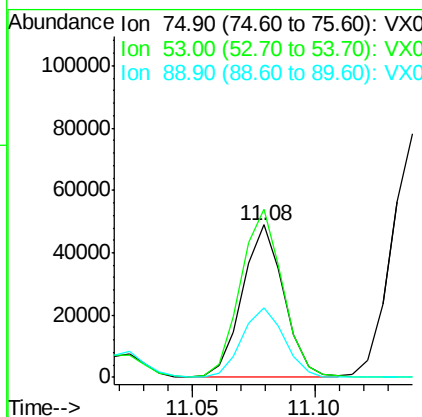
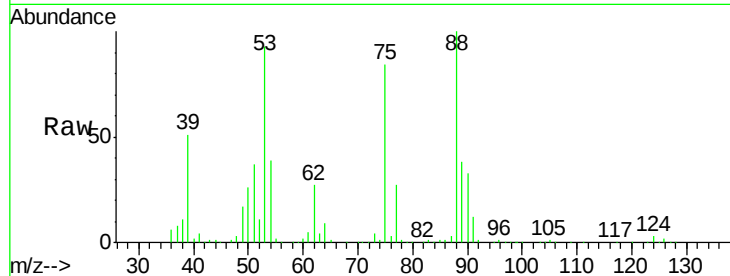
#81
trans-1,4-Dichloro-2-butene
Concen: 46.62 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.5	86.8	130.2
89	47.5	38.2	57.2

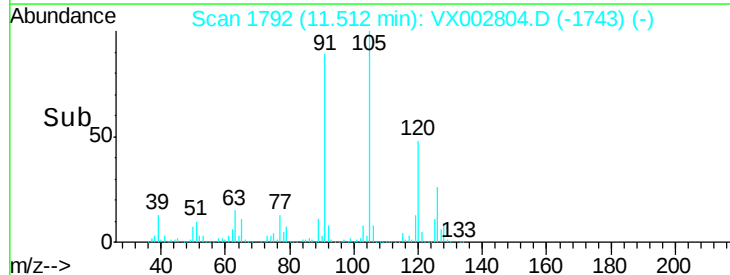
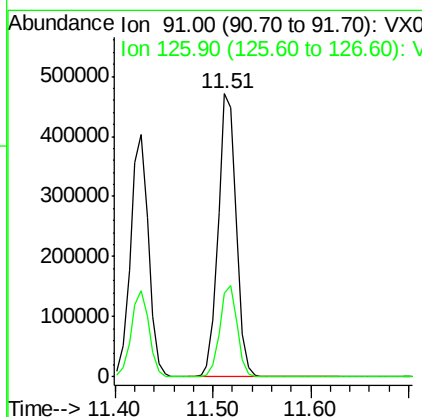
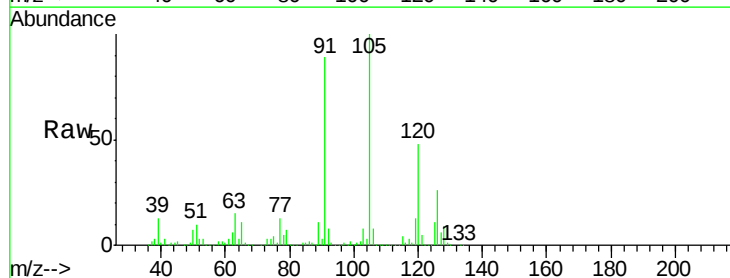
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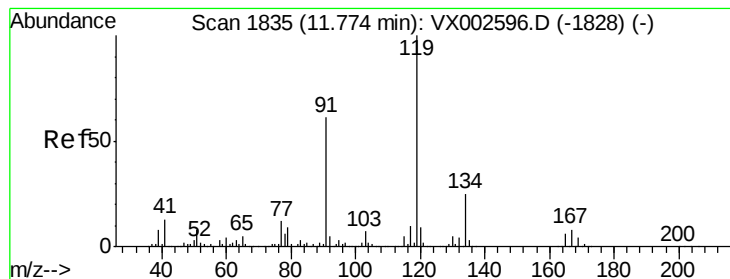
apatel
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#82
4-Chlorotoluene
Concen: 53.06 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4





#83

tert-Butylbenzene

Concen: 54.11 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

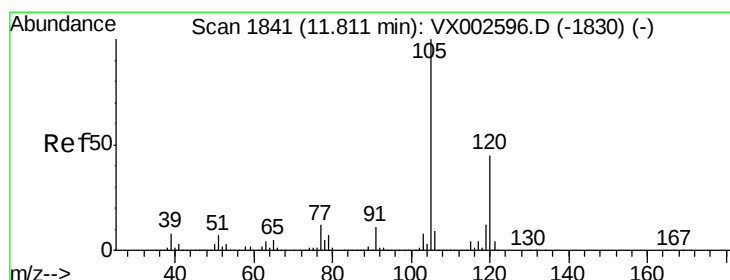
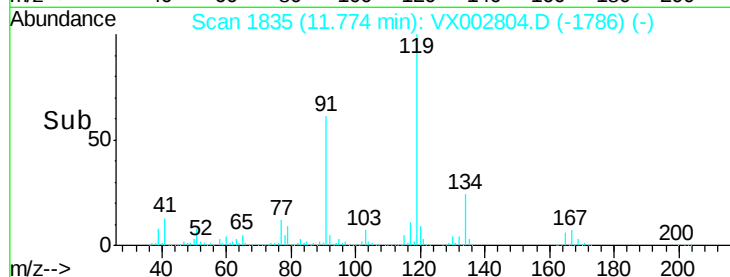
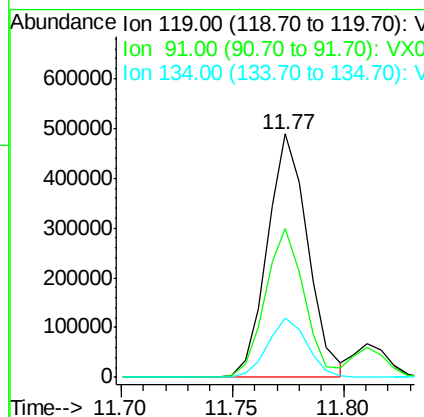
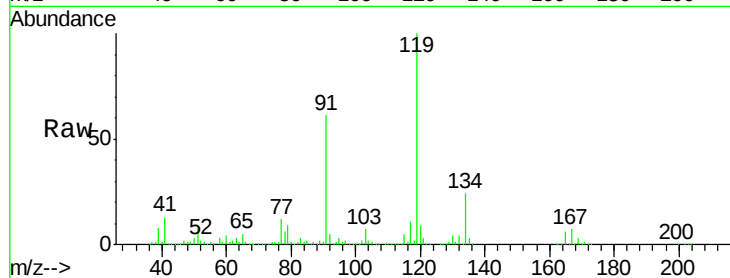
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.3	90.9
134	23.9	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 54.24 ug/l

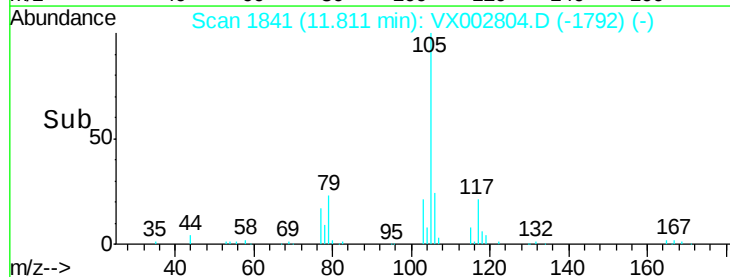
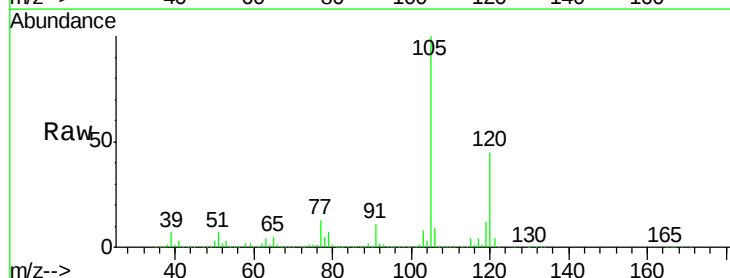
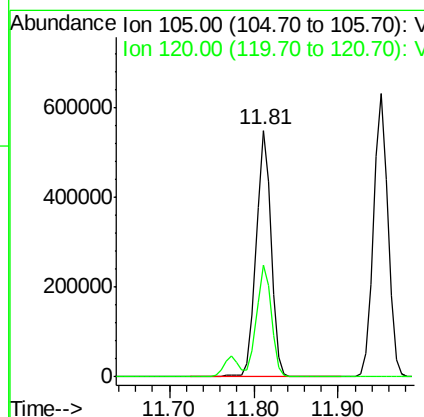
RT: 11.81 min Scan# 1841

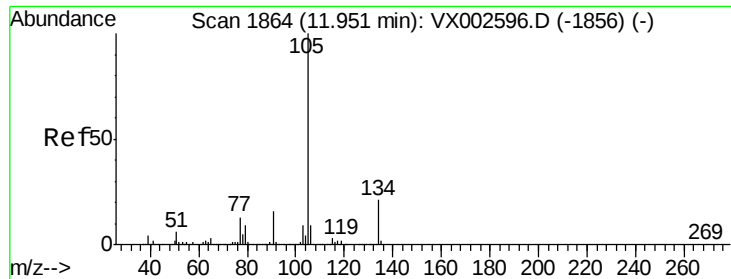
Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 53.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 753229

Ion Ratio Lower Upper

105 100

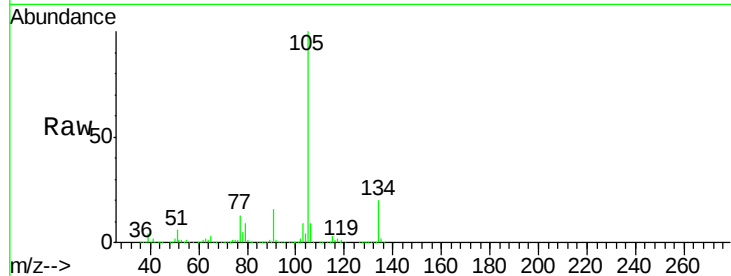
134 20.9 10.4 31.1

Manual Integrations

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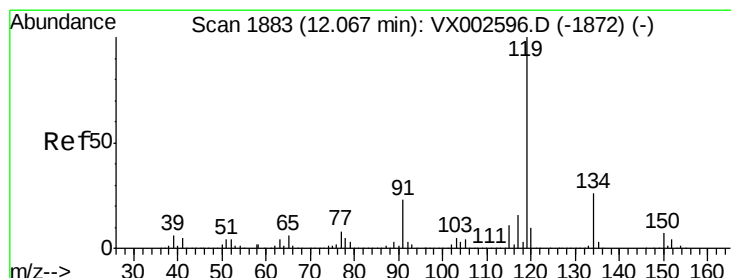
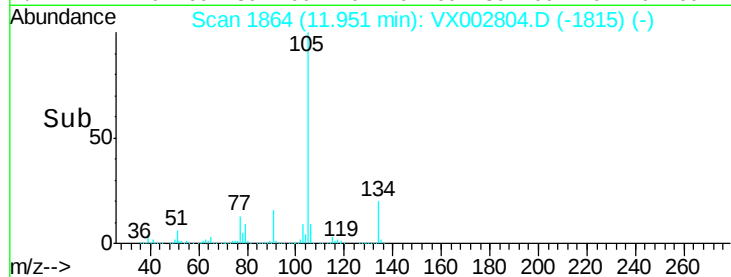
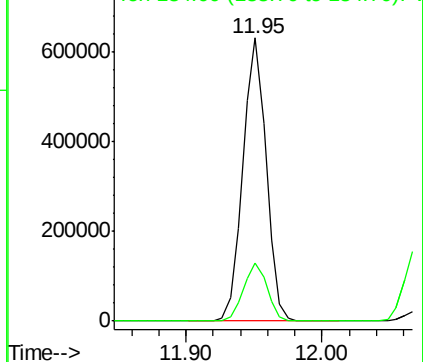
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

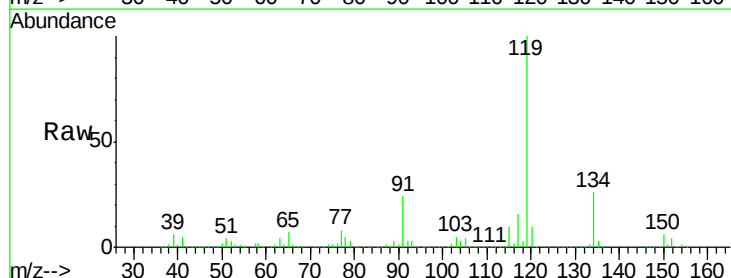
Tgt Ion:119 Resp: 685265

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

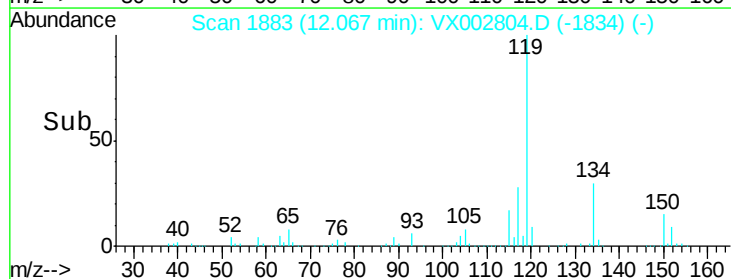
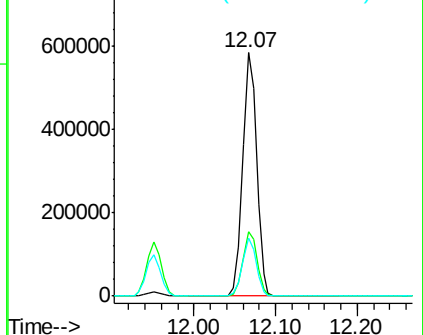
91 23.5 11.9 35.7

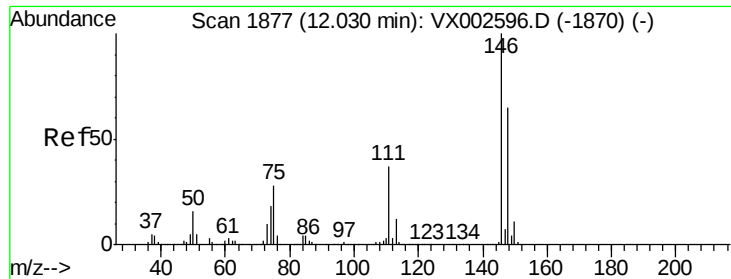


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.49 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

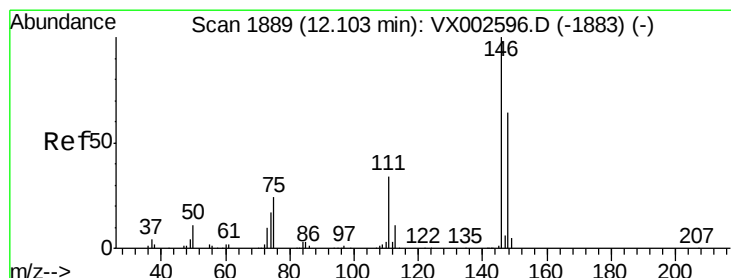
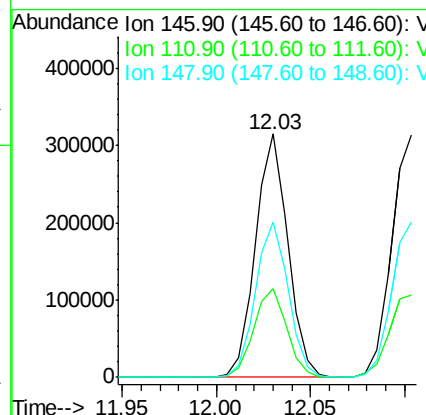
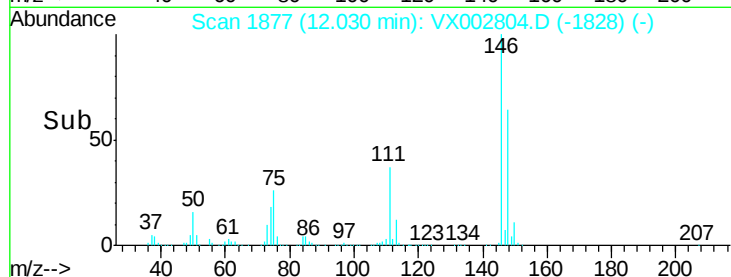
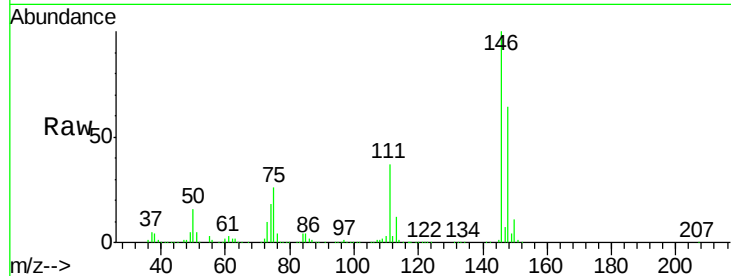
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	374459
Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.6	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 52.83 ug/l

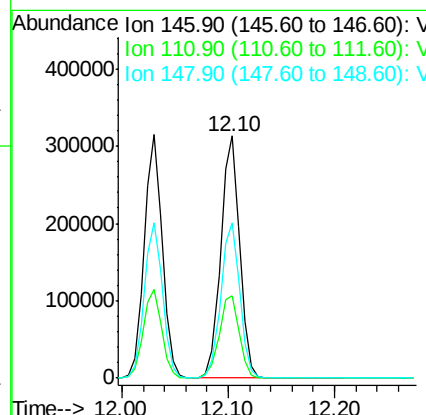
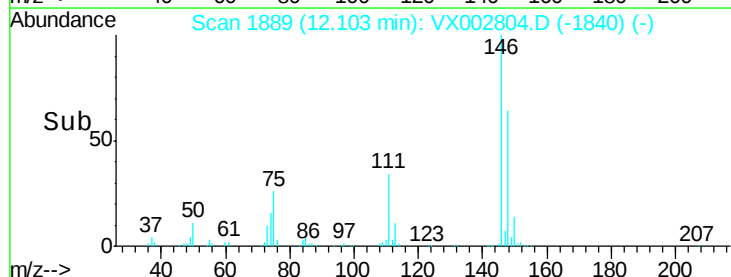
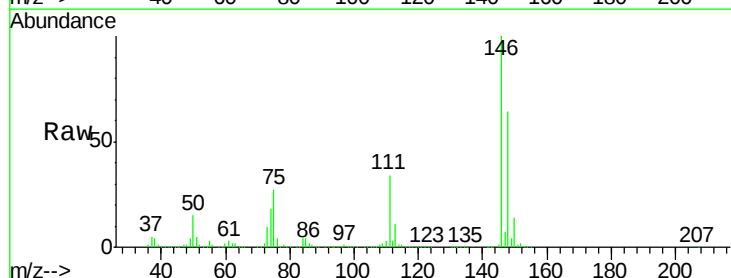
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	146	Resp:	383441
Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	64.7	32.4	97.0





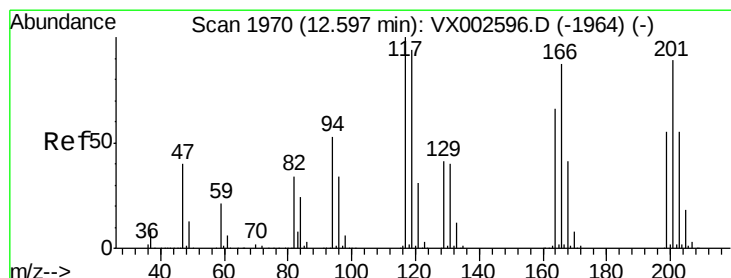
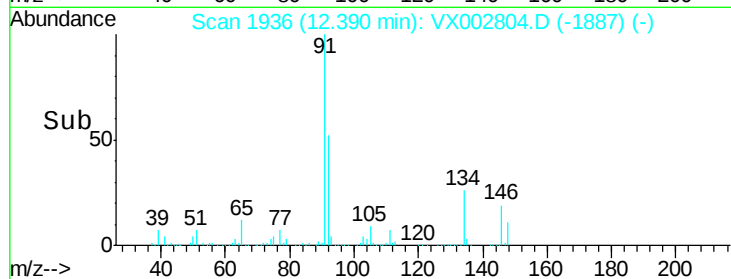
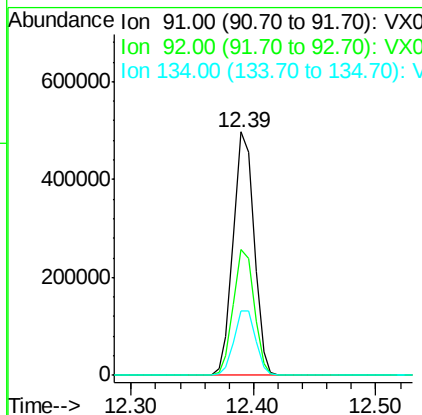
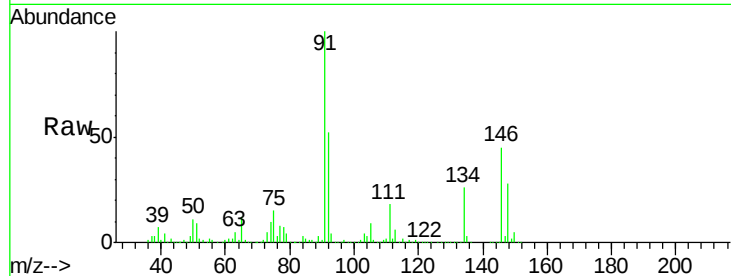
#89
n-Butylbenzene
Concen: 51.82 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.0	26.0	78.0	
134	27.4	13.5	40.5	

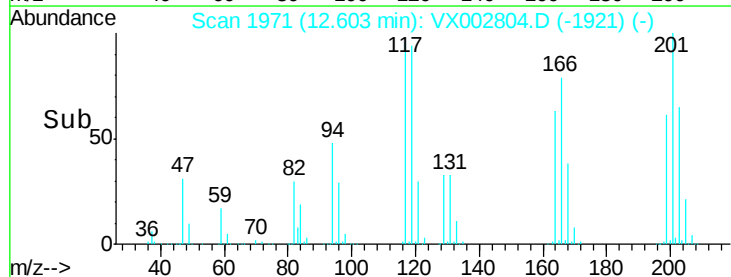
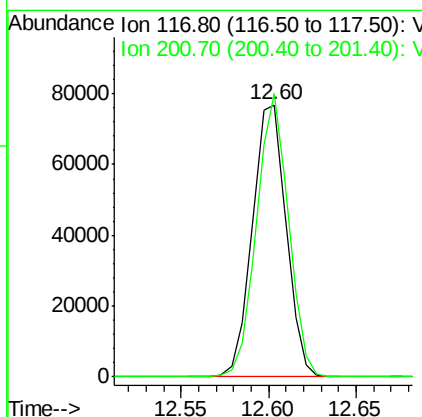
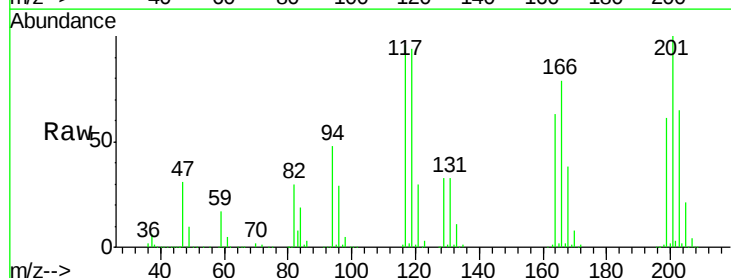
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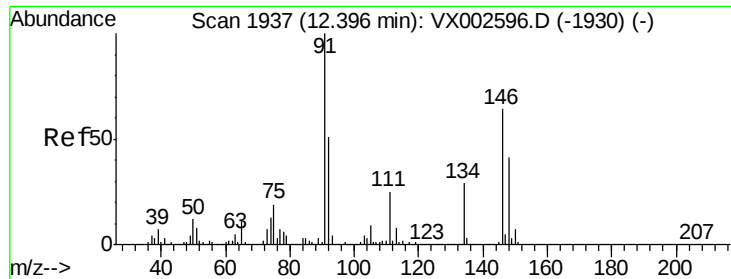
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#90
Hexachloroethane
Concen: 51.71 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002804.D
Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	98.0	49.0	147.0	





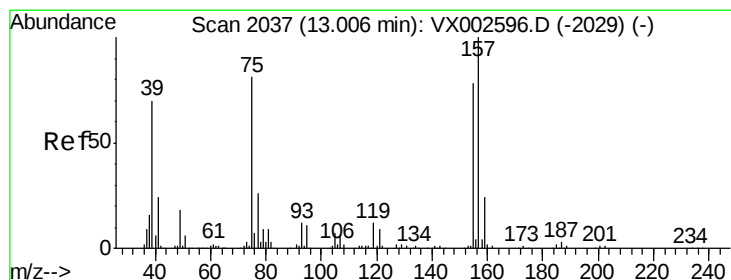
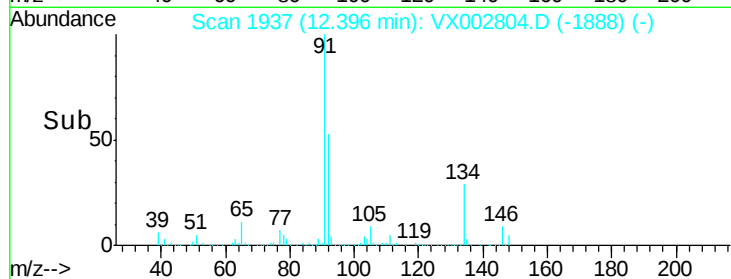
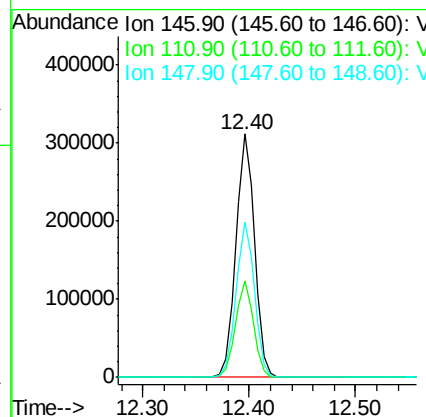
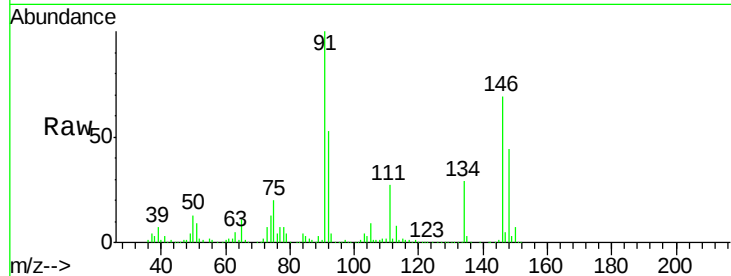
#91
 1,2-Dichlorobenzene
 Concen: 53.29 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	382594		
111	38.5	19.4	58.1	
148	63.3	31.7	95.1	

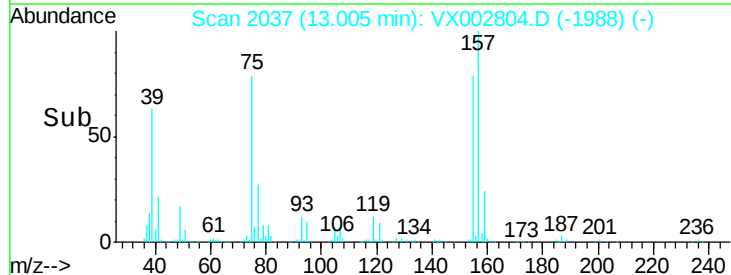
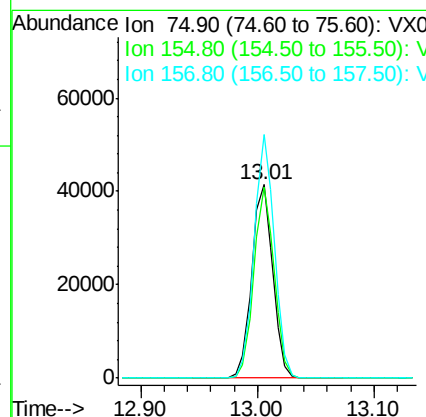
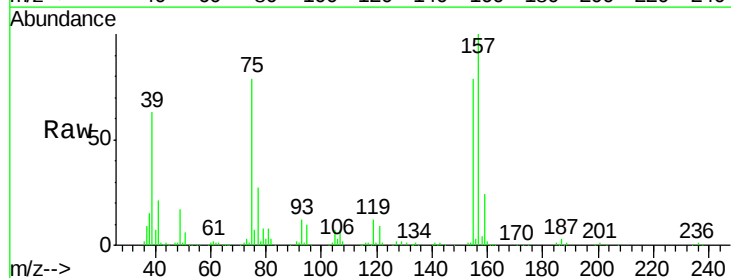
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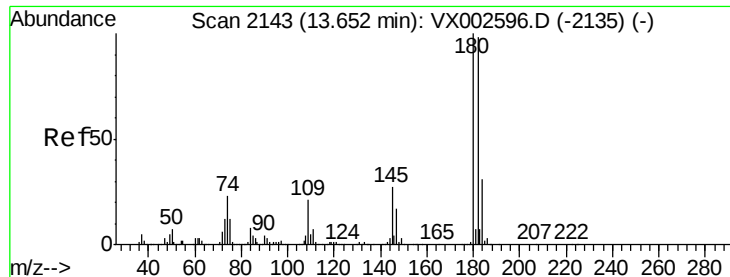
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.56 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002804.D
 Acq: 21 Jun 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52309		
155	95.9	45.8	137.4	
157	121.0	60.1	180.3	





#93

1,2,4-Trichlorobenzene

Concen: 53.08 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

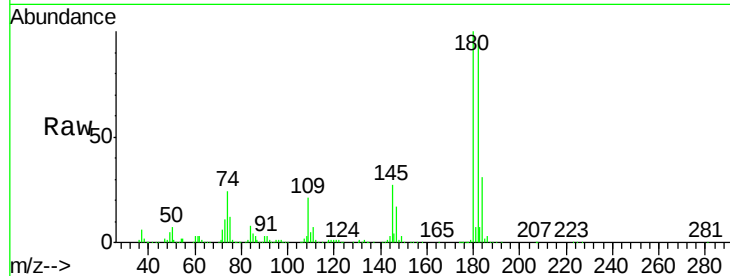
ClientSampled :

VSTDCCC050

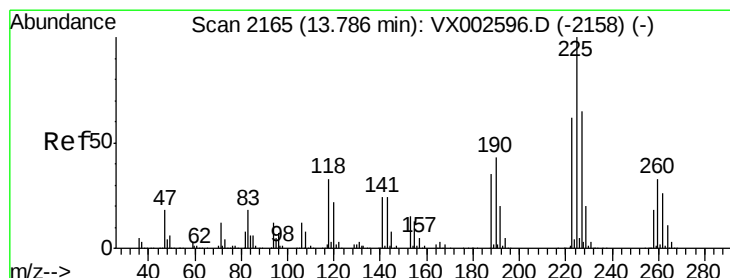
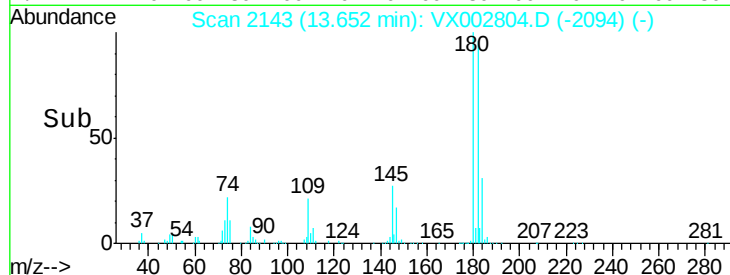
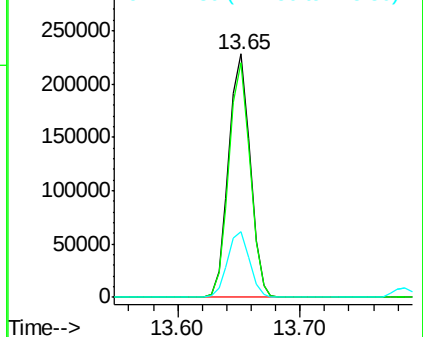
Tot Ion:	180	Resp:	276576
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.7	143.1
145	27.6	14.1	42.4

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.60 ug/l

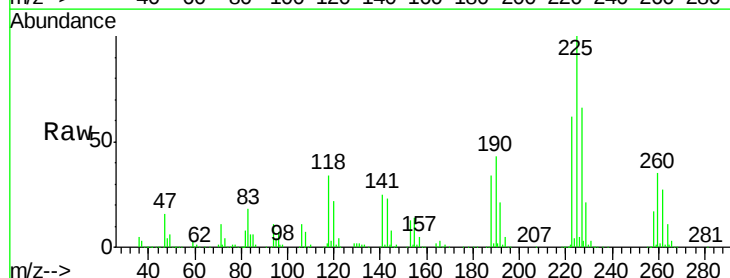
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

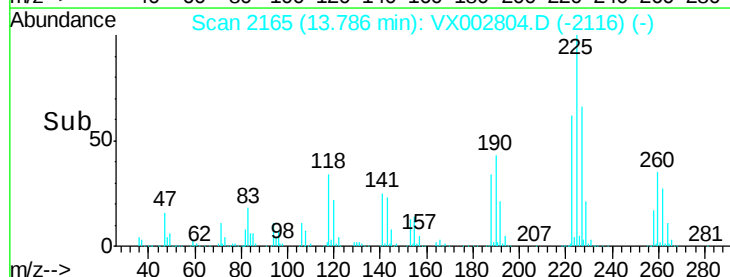
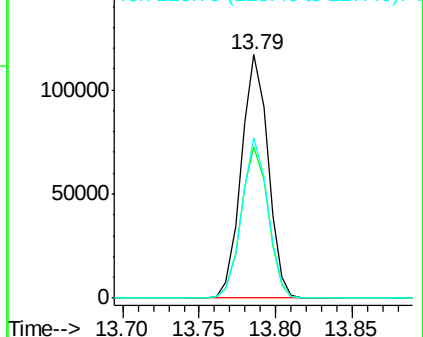
Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	225	Resp:	141635
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.6	95.0
227	64.2	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.84 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Instrument :

MSVOA_X

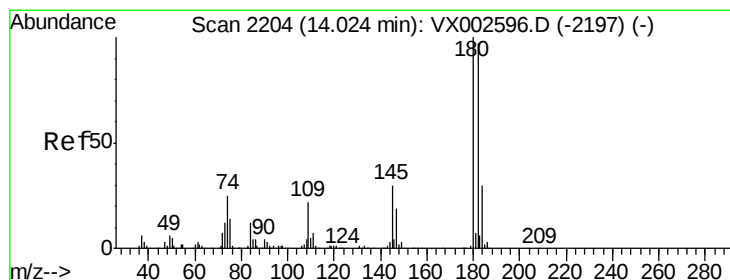
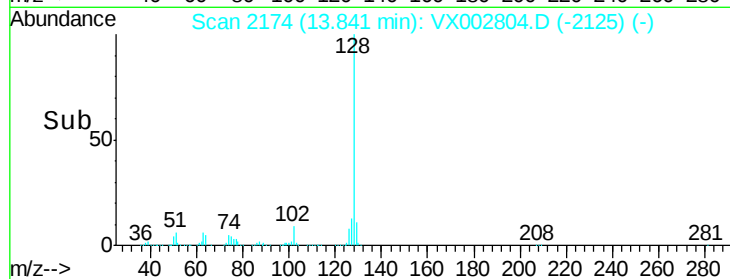
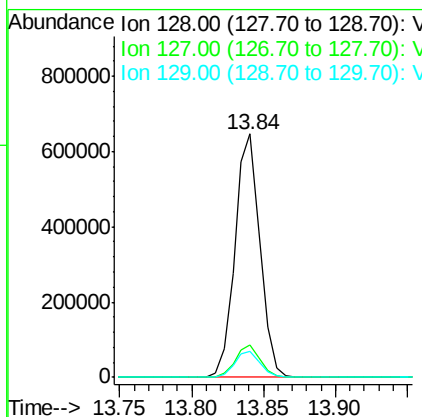
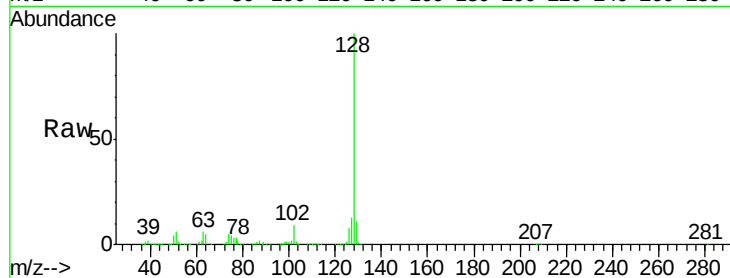
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	783053
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 53.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002804.D

Acq: 21 Jun 2018 22:41

Tgt Ion:	180	Resp:	282583
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	29.6	14.8	44.3

