

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002802.D
 Acq On : 21 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/22/2018 1:59:33 PM

Quant Time: Jun 22 02:17:07 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	234975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159573	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.51	113	128214	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.72	98	457151	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	11.14	95	182040	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119102	47.75	ug/l	98
3) Chloromethane	1.32	50	125517	42.30	ug/l	100
4) Vinyl Chloride	1.40	62	136652	44.38	ug/l	97
5) Bromomethane	1.64	94	57505	30.95	ug/l	98
6) Chloroethane	1.72	64	88895	43.80	ug/l	97
7) Trichlorofluoromethane	1.92	101	235128	47.00	ug/l	99
8) Diethyl Ether	2.19	74	83256	43.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134022	47.93	ug/l	99
10) Methyl Iodide	2.51	142	124423	34.73	ug/l	99
11) Tert butyl alcohol	3.09	59	175372	237.58	ug/l	98
12) 1,1-Dichloroethene	2.37	96	117170	44.63	ug/l	99
13) Acrolein	2.29	56	83641	241.93	ug/l	100
14) Allyl chloride	2.73	41	234936	45.07	ug/l	100
15) Acrylonitrile	3.15	53	377064	234.09	ug/l	100
16) Acetone	2.45	43	358965	227.86	ug/l	100
17) Carbon Disulfide	2.57	76	306694	49.25	ug/l	98
18) Methyl Acetate	2.78	43	215853	51.43	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	438374	44.51	ug/l	100
20) Methylene Chloride	2.86	84	134324	41.58	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127061	44.61	ug/l	99
22) Diisopropyl ether	3.87	45	440344	46.69	ug/l	94
23) Vinyl Acetate	3.83	43	1890549	239.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249267	48.69	ug/l	100
25) 2-Butanone	4.71	43	530922	256.62	ug/l	98
26) 2,2-Dichloropropane	4.59	77	152566	41.48	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	140746	48.56	ug/l	97
28) Bromochloromethane	5.03	49	106617	44.47	ug/l	95
29) Tetrahydrofuran	5.17	42	342552	252.64	ug/l	97
30) Chloroform	5.22	83	251032	50.85	ug/l	99
31) Cyclohexane	5.57	56	208069	49.37	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	220889	53.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177480	51.37	ug/l	99
37) Ethyl Acetate	4.87	43	205433	52.53	ug/l	99
38) Carbon Tetrachloride	5.78	117	200384	58.24	ug/l	98

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 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)
39) Methylcyclohexane	7.46	83	209382	51.84	ug/l	98
40) Benzene	6.15	78	526232	50.79	ug/l	99
41) Methacrylonitrile	5.07	41	116693	52.85	ug/l	98
42) 1,2-Dichloroethane	6.20	62	210207	52.41	ug/l	100
43) Isopropyl Acetate	6.47	43	331570	51.17	ug/l	99
44) Trichloroethene	7.21	130	153429	51.31	ug/l	98
45) 1,2-Dichloropropane	7.52	63	141776	51.99	ug/l	100
46) Dibromomethane	7.67	93	97883	53.66	ug/l	99
47) Bromodichloromethane	7.90	83	186933	58.11	ug/l	99
48) Methyl methacrylate	7.78	41	175784	53.09	ug/l	98
49) 1,4-Dioxane	7.76	88	71633	1142.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1121896	269.66	ug/l	99
52) Toluene	8.79	92	345493	52.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	208055	48.91	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	194253	47.96	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	143770	53.84	ug/l	99
56) Ethyl methacrylate	9.18	69	218719	53.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	237142	52.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	446644	224.70	ug/l	98
59) 2-Hexanone	9.50	43	865271	276.01	ug/l	98
60) Dibromochloromethane	9.59	129	154038	51.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	152952	55.30	ug/l	100
64) Tetrachloroethene	9.34	164	178967	50.82	ug/l	100
65) Chlorobenzene	10.14	112	401031	51.47	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	151522	57.04	ug/l	99
67) Ethyl Benzene	10.26	91	685914	52.19	ug/l	100
68) m/p-Xylenes	10.36	106	531783	104.90	ug/l	99
69) o-Xylene	10.70	106	259312	52.06	ug/l	99
70) Styrene	10.71	104	435157	53.13	ug/l	99
71) Bromoform	10.86	173	124181	51.22	ug/l	100
73) Isopropylbenzene	11.02	105	712931	52.80	ug/l	100
74) N-amyl acetate	6.47	43	331570	49.42	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219063	54.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215777m	56.64	ug/l	
77) Bromobenzene	11.26	156	197181	52.42	ug/l	97
78) n-propylbenzene	11.37	91	805604	52.02	ug/l	99
79) 2-Chlorotoluene	11.43	91	479695	51.88	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	600363	52.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55087	46.58	ug/l	96
82) 4-Chlorotoluene	11.51	91	569338	52.19	ug/l	99
83) tert-Butylbenzene	11.77	119	586104	53.32	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	620704	53.31	ug/l	99
85) sec-Butylbenzene	11.95	105	713488	52.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	649985	52.56	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	358447	51.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362177	51.60	ug/l	99
89) n-Butylbenzene	12.39	91	554497	50.82	ug/l	100
90) Hexachloroethane	12.60	117	98802	51.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	363435	52.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50124	60.01	ug/l	97

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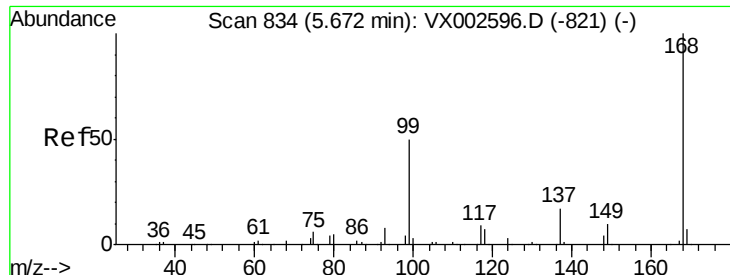
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263797	52.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	134958	50.84	ug/l	98
95) Naphthalene	13.84	128	753012	55.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269819	53.31	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 234975

Ion Ratio Lower Upper

168 100

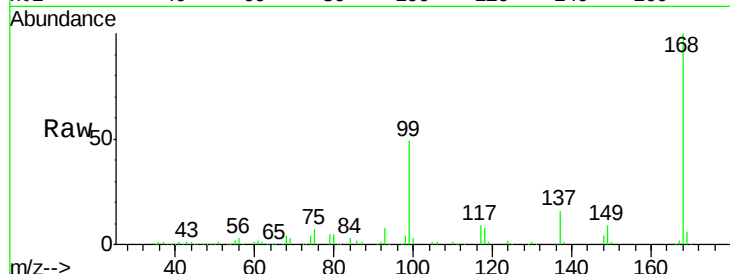
99 49.3 39.3 58.9

Manual Integrations

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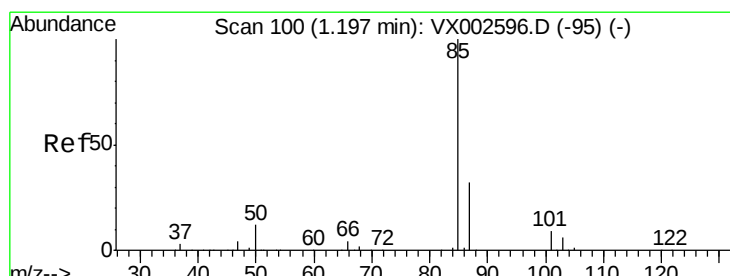
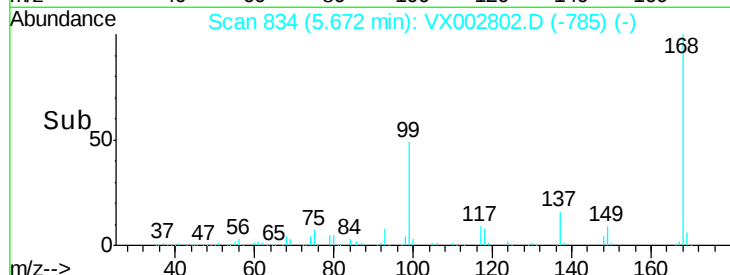
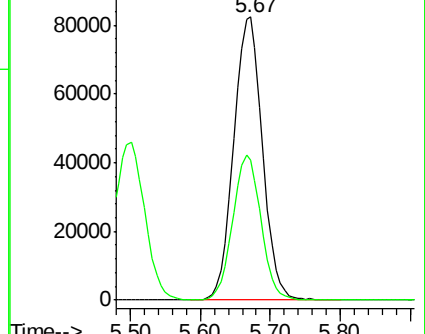
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002802.D

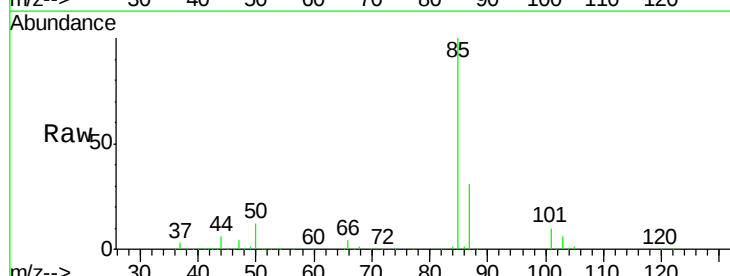
Acq: 21 Jun 2018 21:22

Tgt Ion: 85 Resp: 119102

Ion Ratio Lower Upper

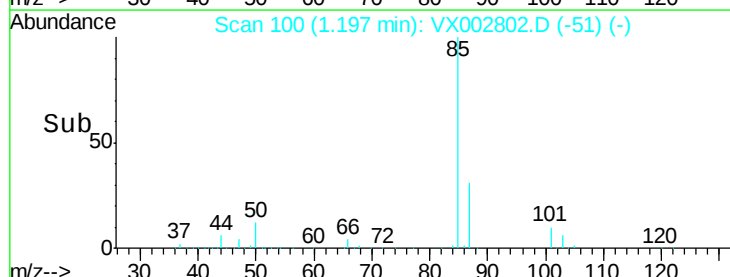
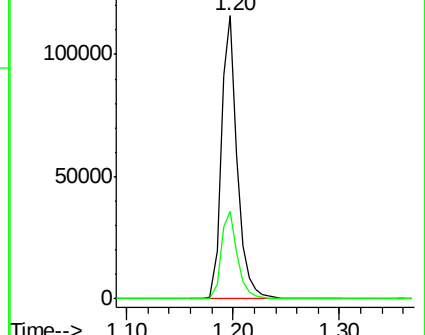
85 100

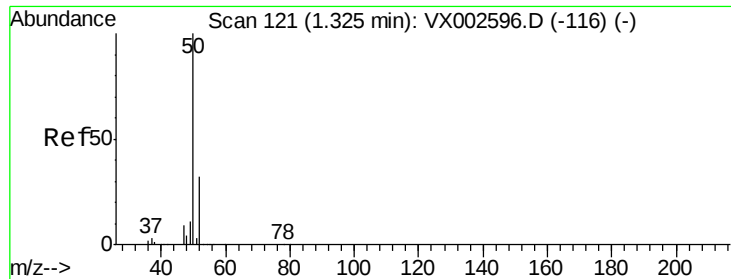
87 30.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 125517

Ion Ratio Lower Upper

50 100

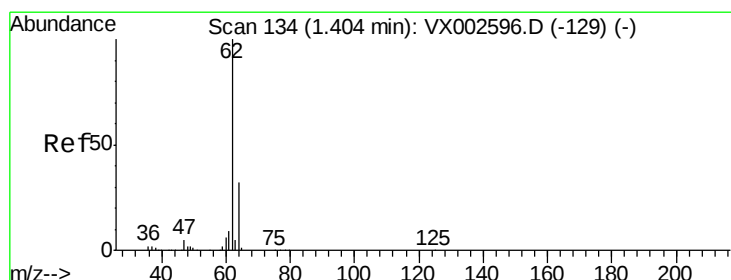
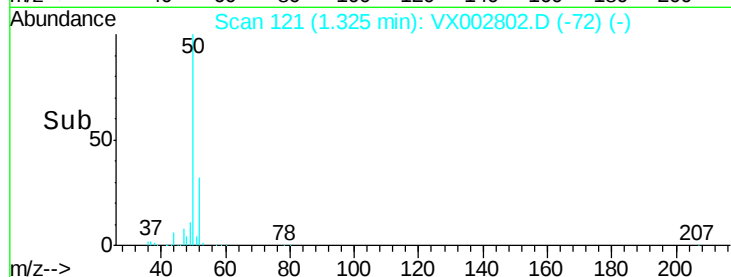
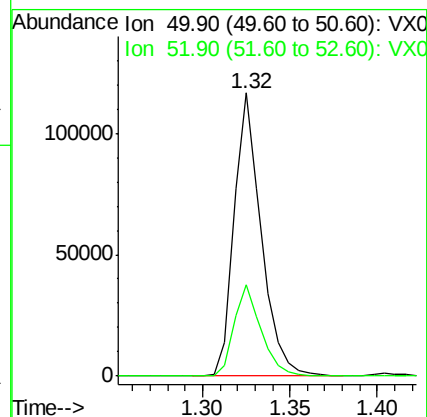
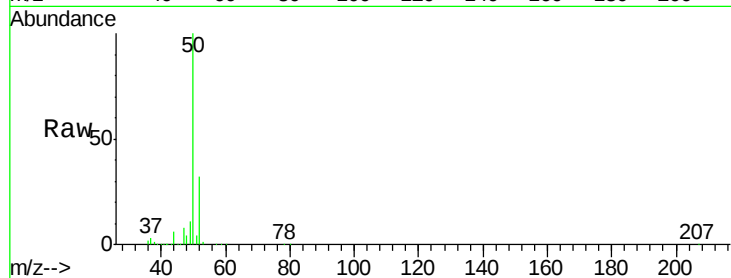
52 32.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002802.D

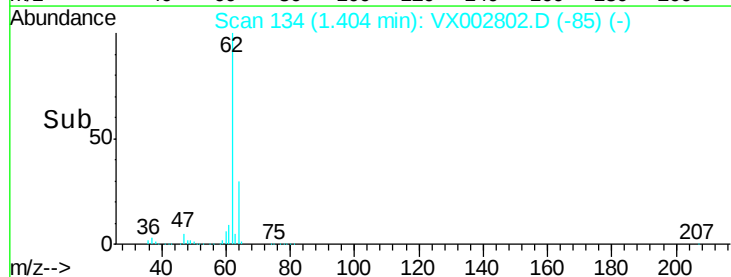
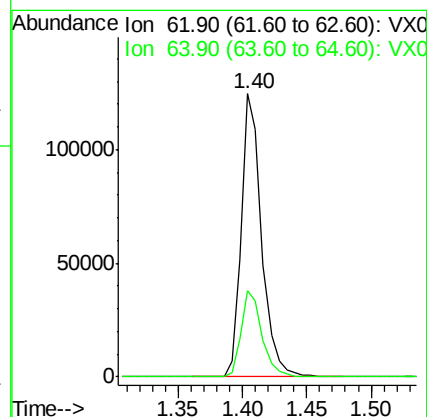
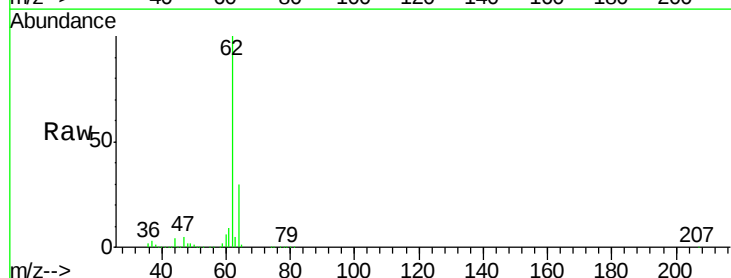
Acq: 21 Jun 2018 21:22

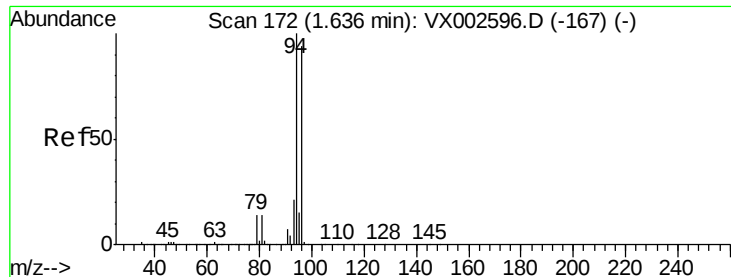
Tgt Ion: 62 Resp: 136652

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.2





#5

Bromomethane

Concen: 30.95 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 57505

Ion Ratio Lower Upper

94 100

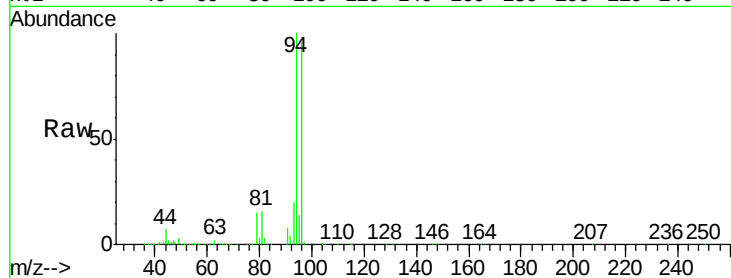
96 96.0 74.9 112.3

Manual Integrations

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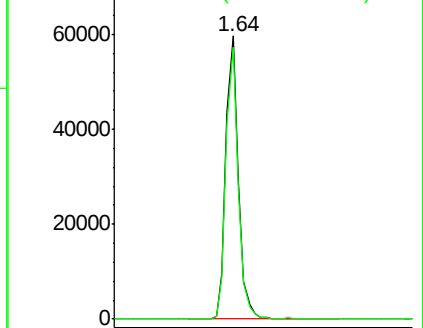
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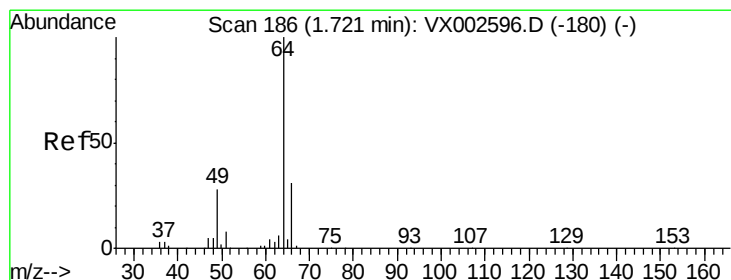
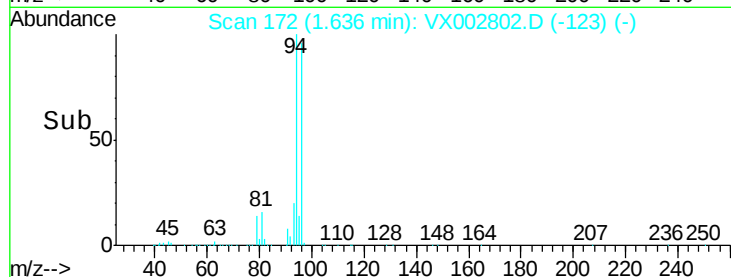


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 43.80 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002802.D

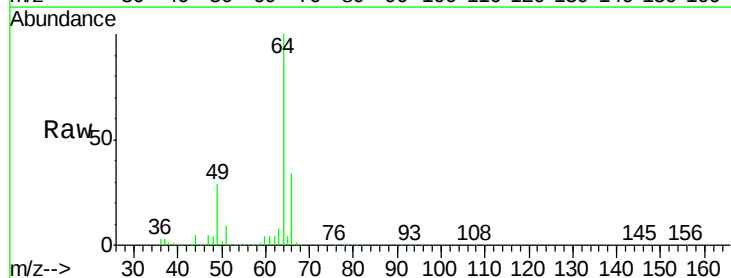
Acq: 21 Jun 2018 21:22

Tgt Ion: 64 Resp: 88895

Ion Ratio Lower Upper

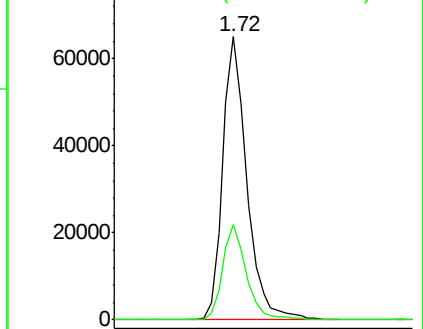
64 100

66 33.7 25.5 38.3

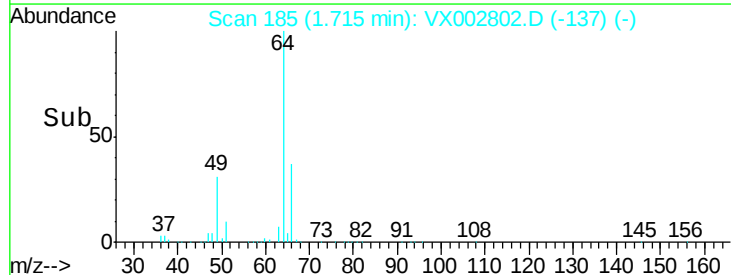


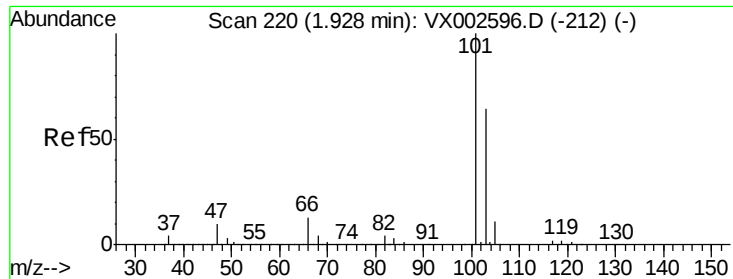
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

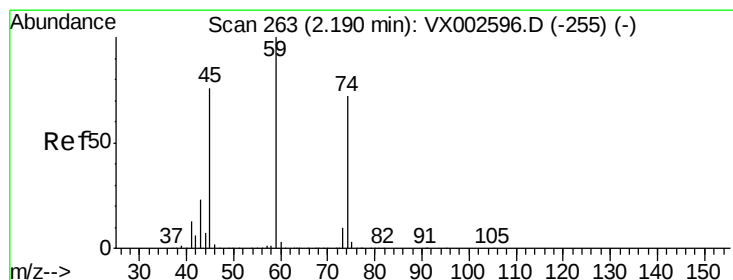
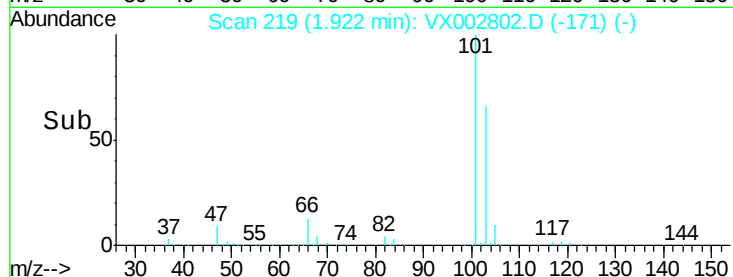
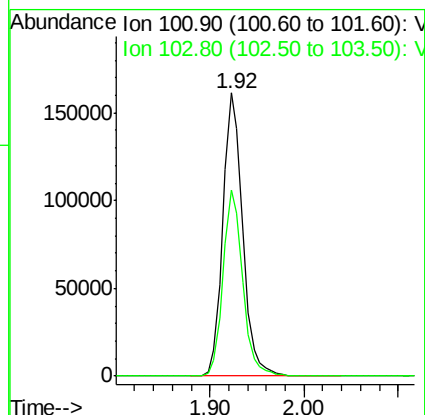
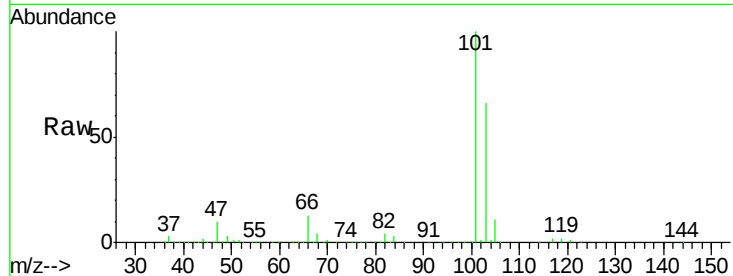
Trichlorofluoromethane
 Concen: 47.00 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.8	79.2

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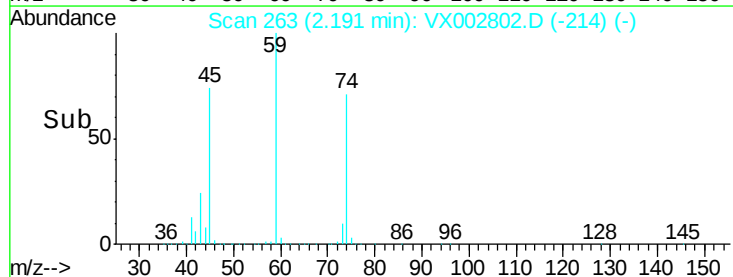
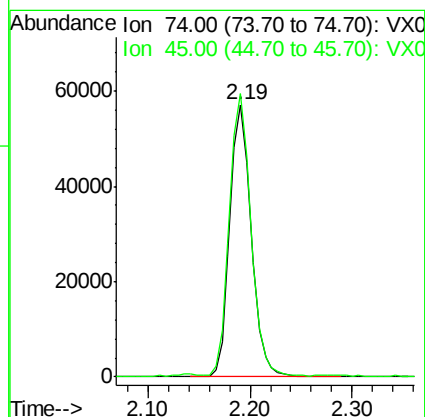
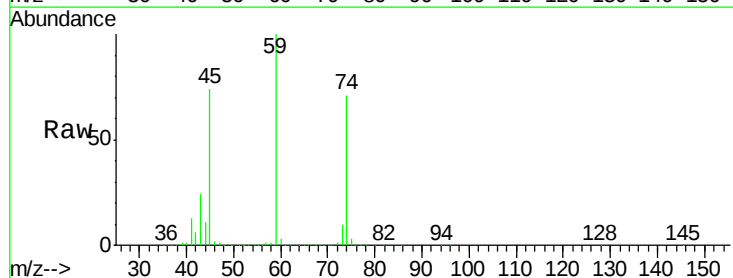
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#8

Diethyl Ether
 Concen: 43.76 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.93 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

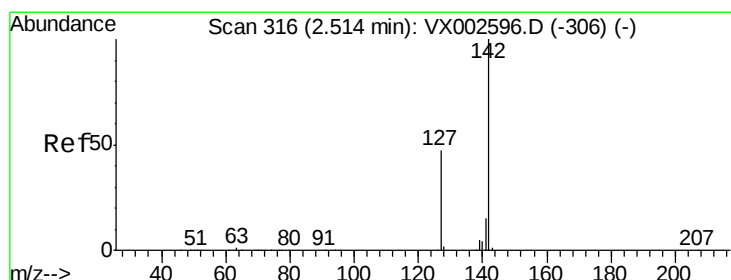
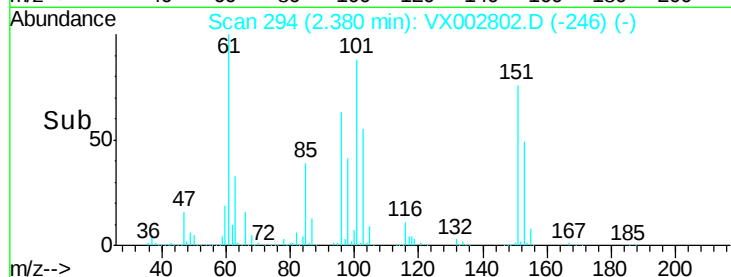
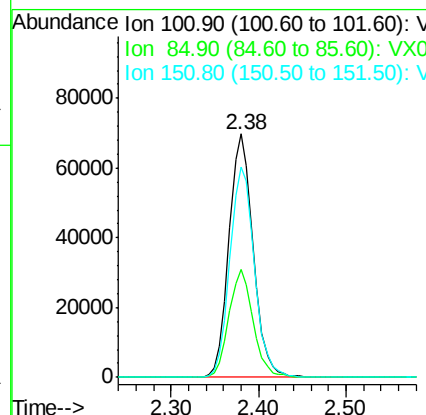
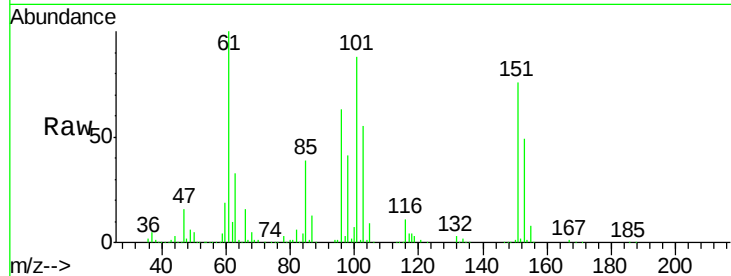
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	134022
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	87.7	70.9	106.3

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#10

Methyl Iodide

Concen: 34.73 ug/l

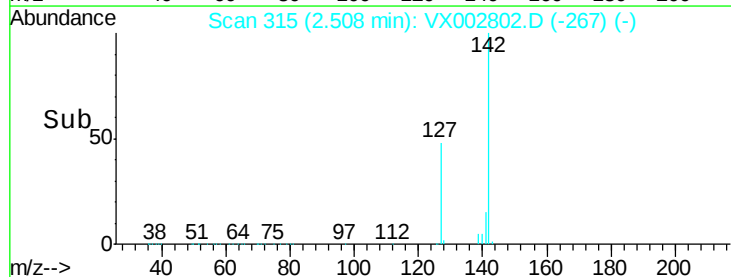
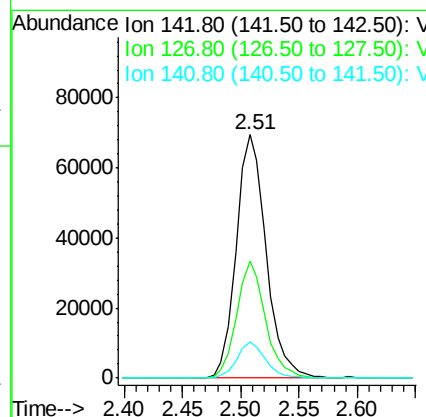
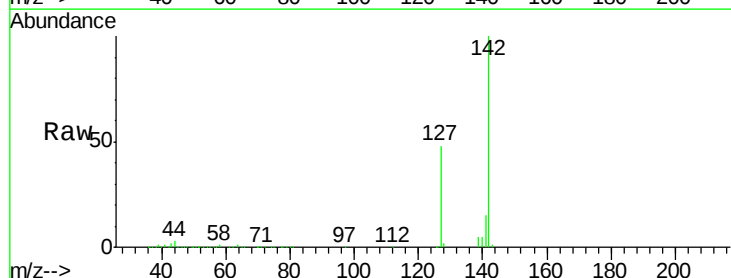
RT: 2.51 min Scan# 315

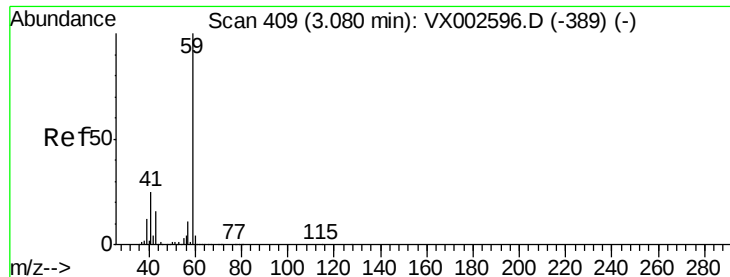
Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	142	Resp:	124423
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.6	55.0
141	14.5	11.3	16.9





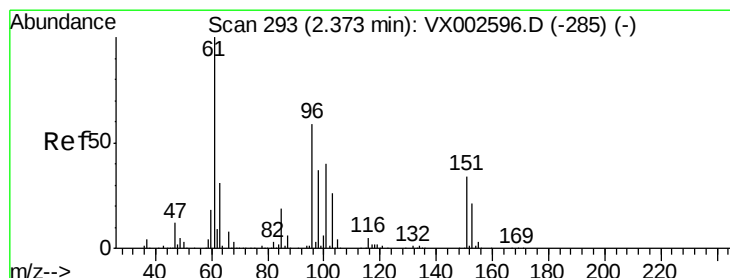
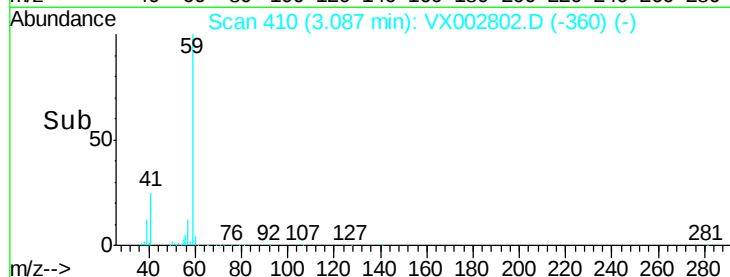
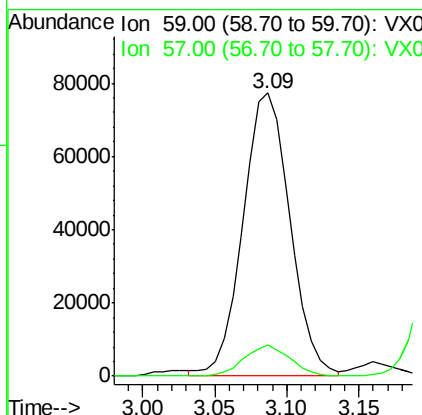
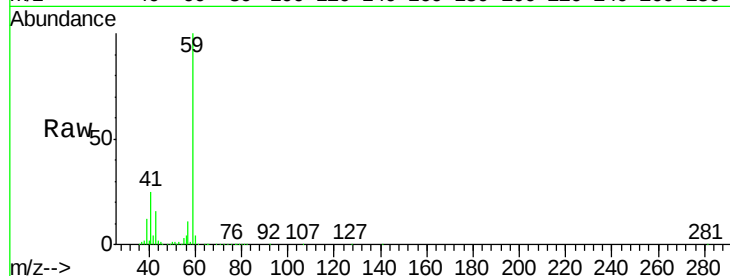
#11
Tert butyl alcohol
Concen: 237.58 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	175372
Ion Ratio	Lower	Upper	
59	100		
57	10.8	8.2	12.2

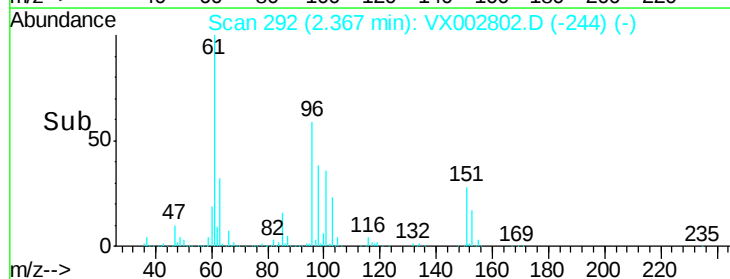
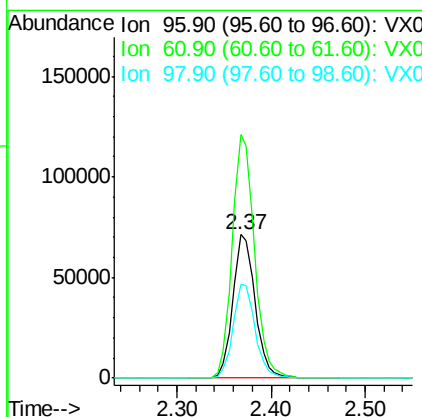
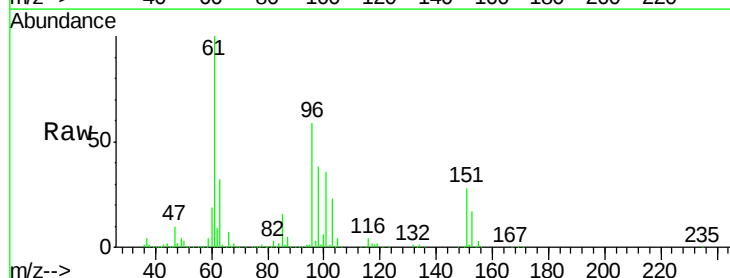
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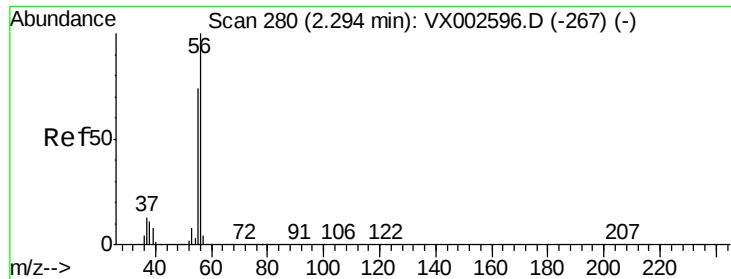
apatel
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#12
1,1-Dichloroethene
Concen: 44.63 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	96	Resp	117170
Ion Ratio	Lower	Upper	
96	100		
61	170.0	137.9	206.9
98	65.1	51.6	77.4





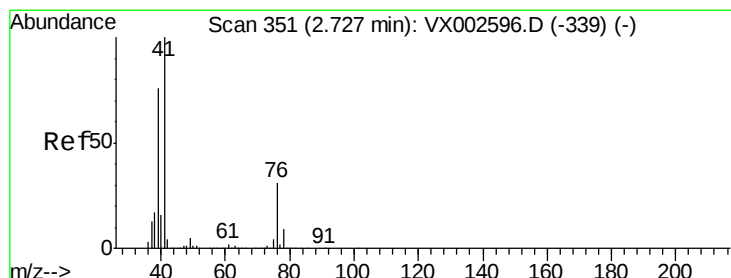
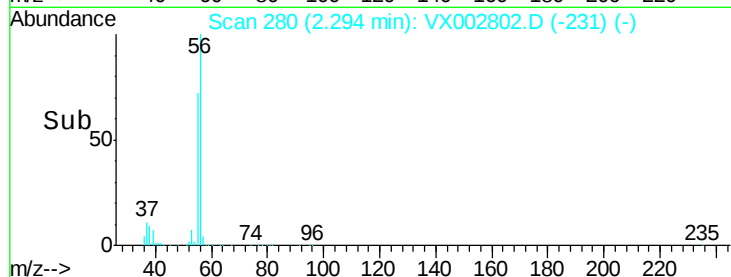
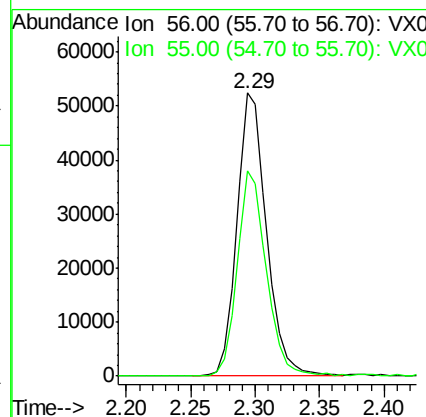
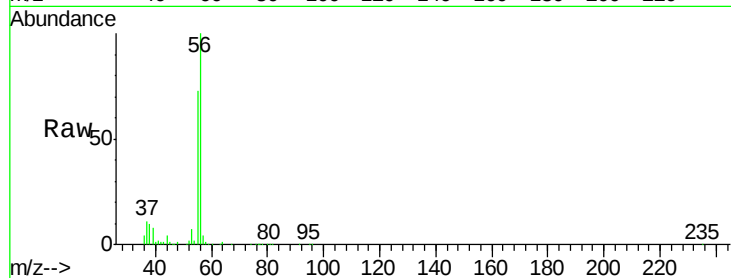
#13
 Acrolein
 Concen: 241.93 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.0	85.4

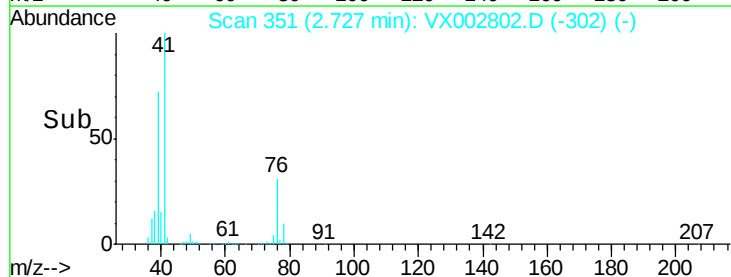
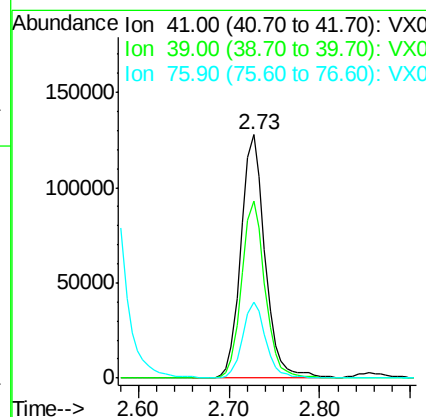
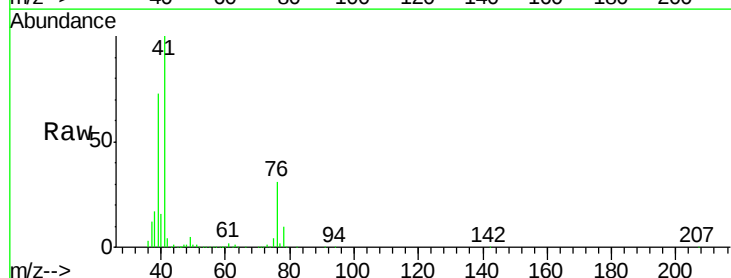
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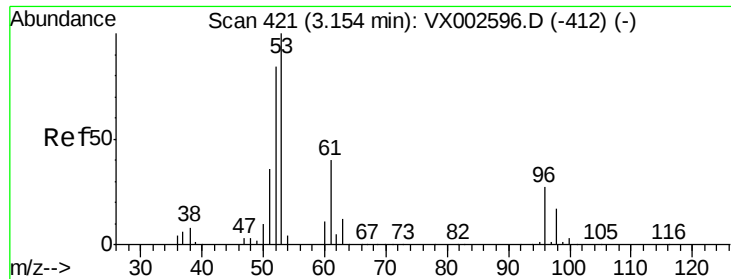
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#14
 Allyl chloride
 Concen: 45.07 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.7	56.8	85.2
76	29.9	23.8	35.8





#15

Acrylonitrile

Concen: 234.09 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

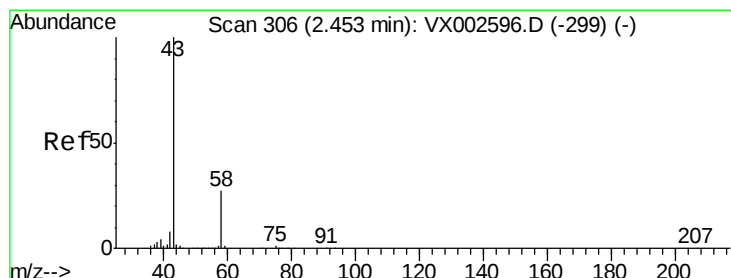
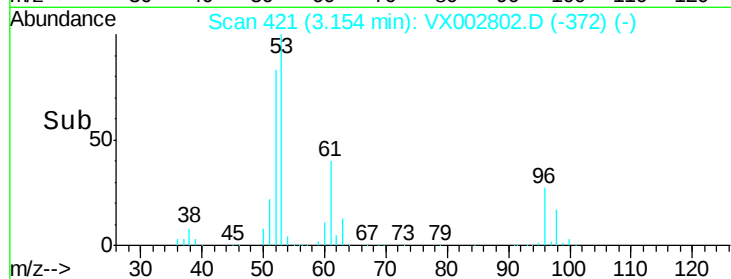
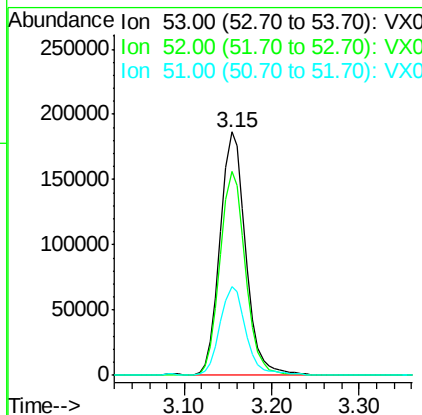
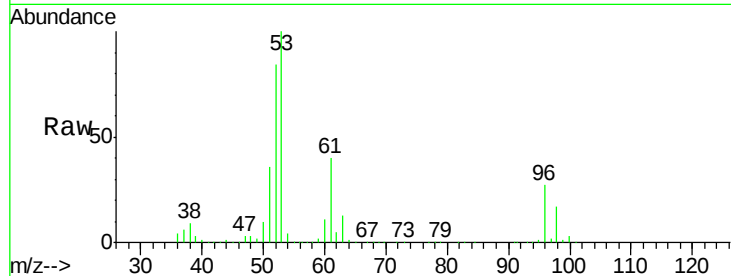
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	377064
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.7	100.1
51	37.3	29.9	44.9

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#16

Acetone

Concen: 227.86 ug/l

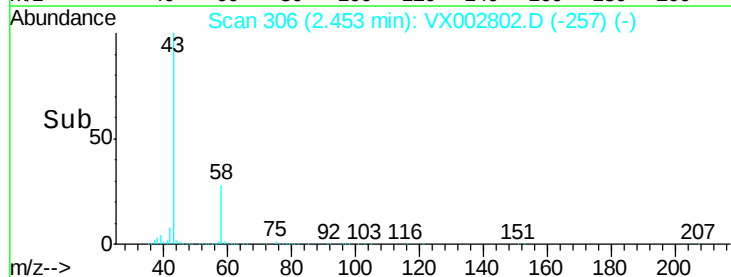
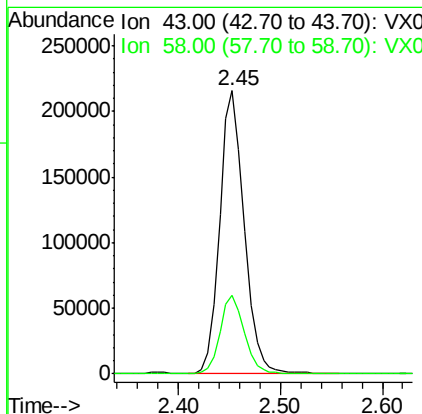
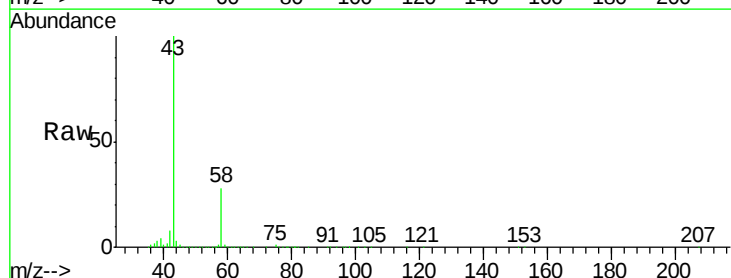
RT: 2.45 min Scan# 306

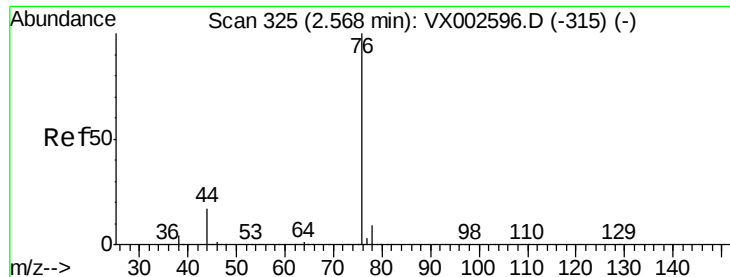
Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	43	Resp:	358965
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.1	33.1





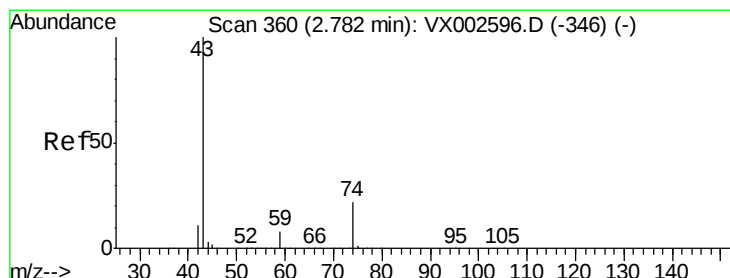
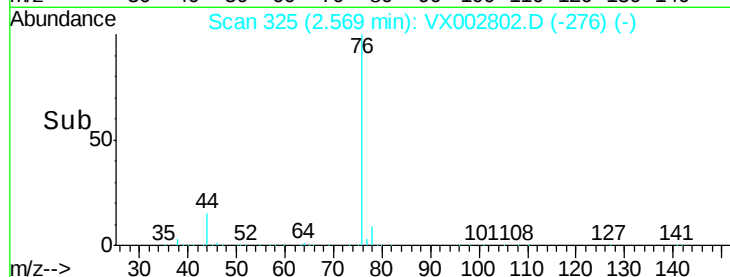
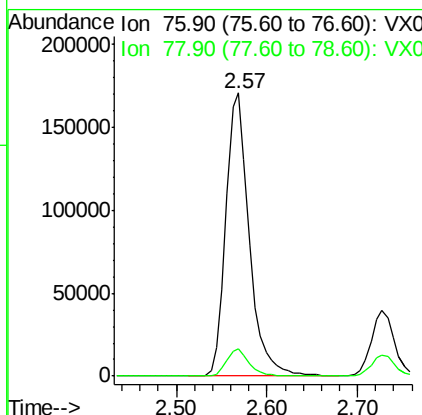
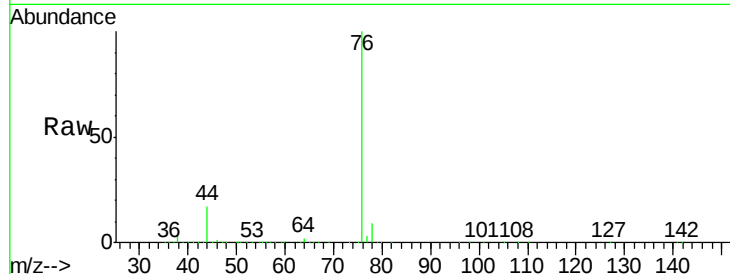
#17
Carbon Disulfide
Concen: 49.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.9	10.3

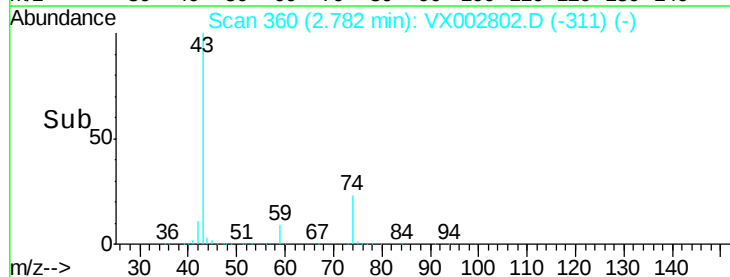
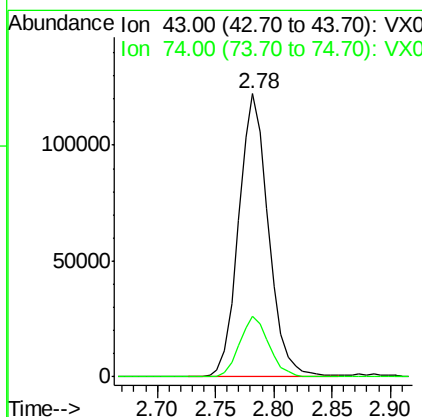
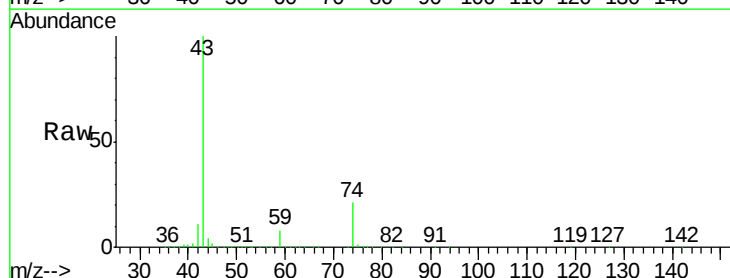
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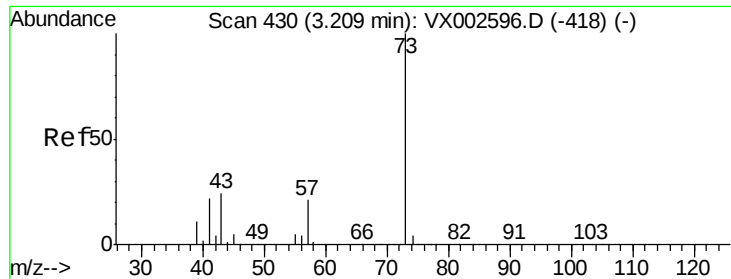
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#18
Methyl Acetate
Concen: 51.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1





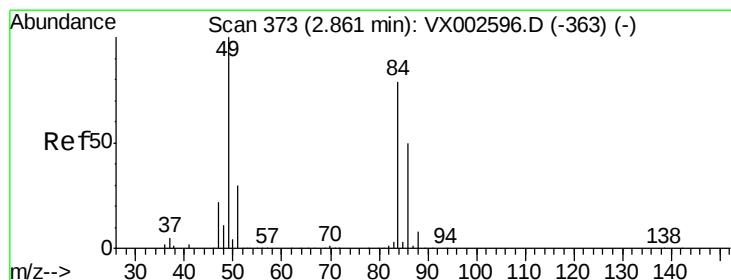
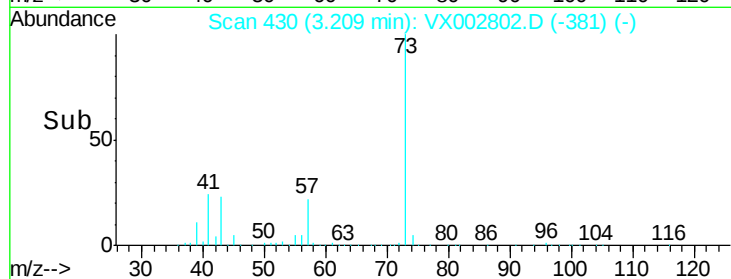
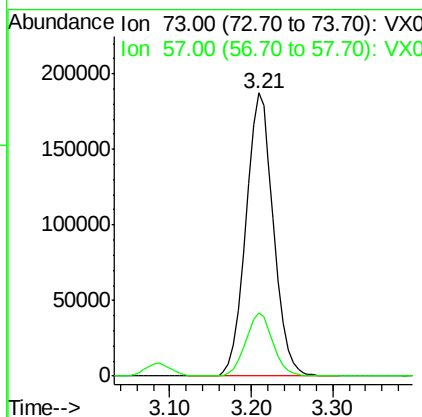
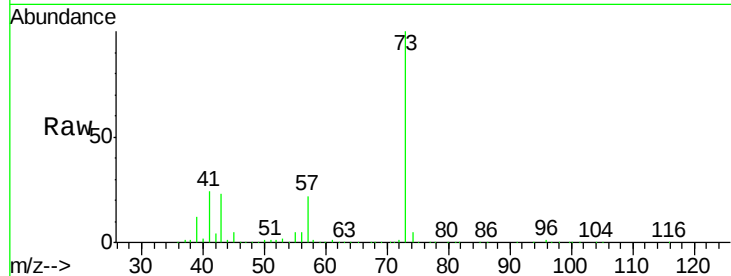
#19
Methvl tert-butvl Ether
Concen: 44.51 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 438374
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

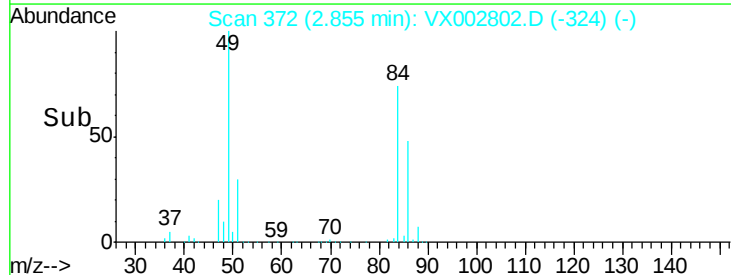
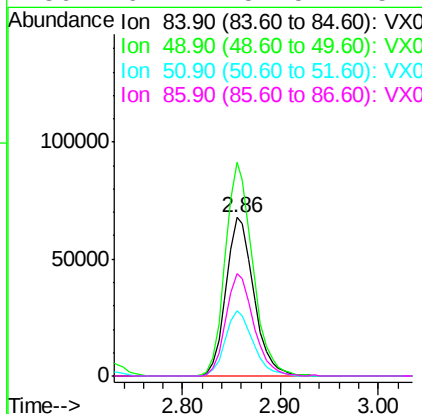
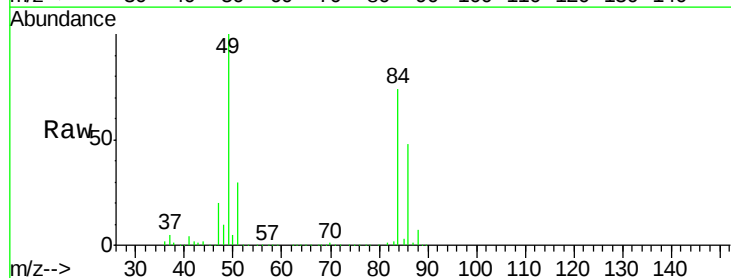
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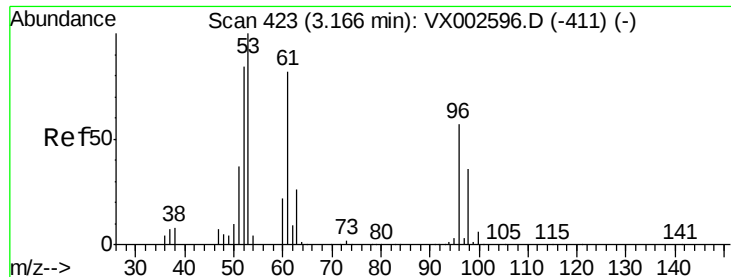
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#20
Methylene Chloride
Concen: 41.58 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 84 Resp: 134324
Ion Ratio Lower Upper
84 100
49 134.6 107.8 161.6
51 40.7 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

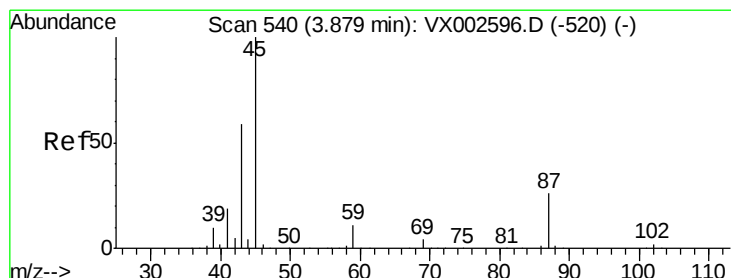
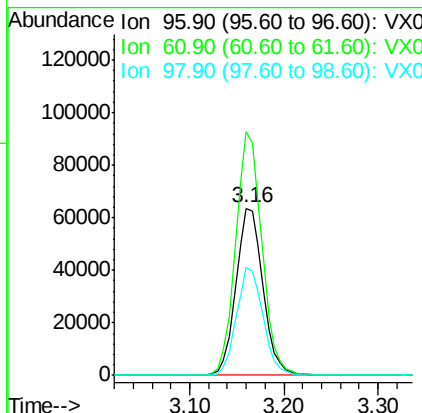
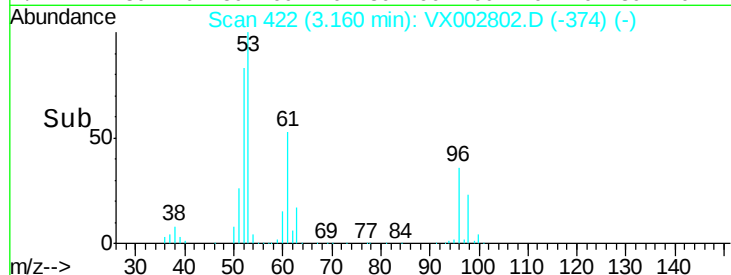
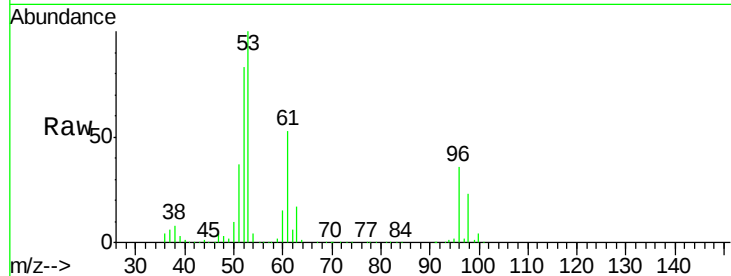
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	127061
Ion	Ratio	Lower	Upper
96	100		
61	145.3	117.0	175.4
98	64.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 46.69 ug/l

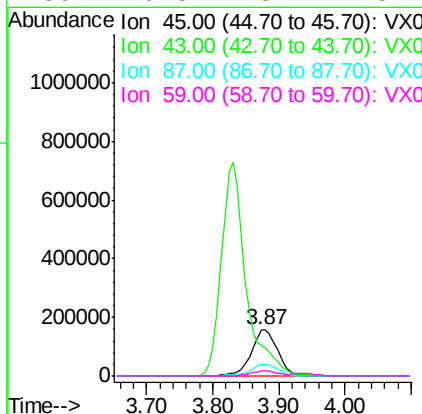
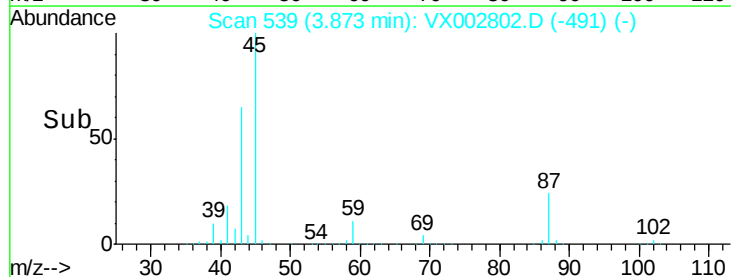
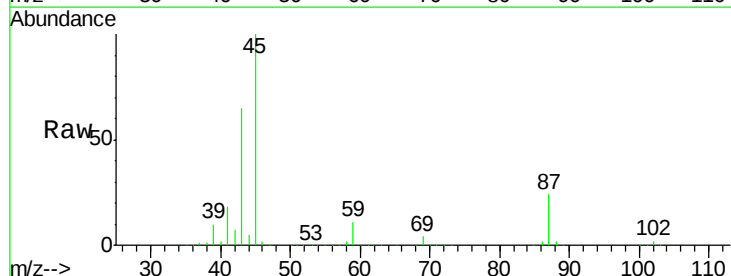
RT: 3.87 min Scan# 539

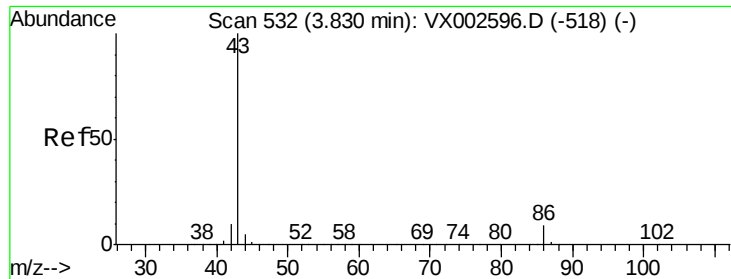
Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	45	Resp:	440344
Ion	Ratio	Lower	Upper
45	100		
43	65.3	46.8	70.2
87	24.4	20.2	30.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 239.49 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1890549

Ion Ratio Lower Upper

43 100

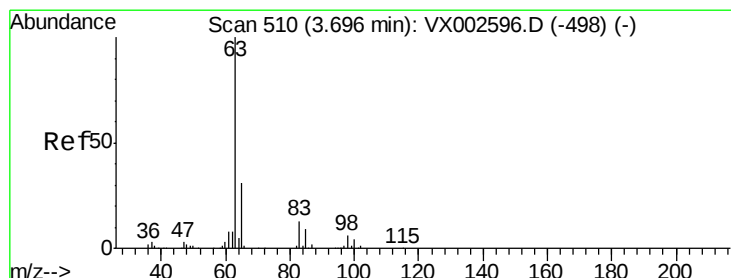
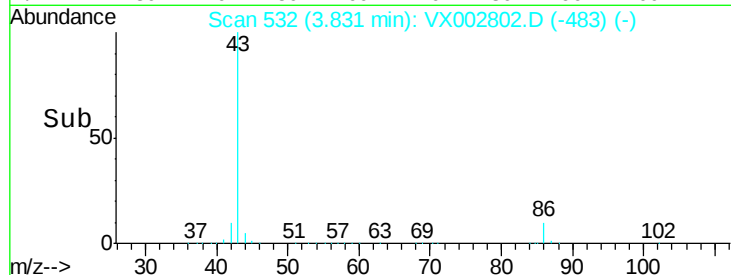
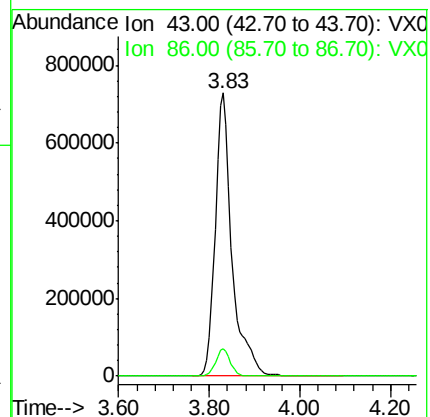
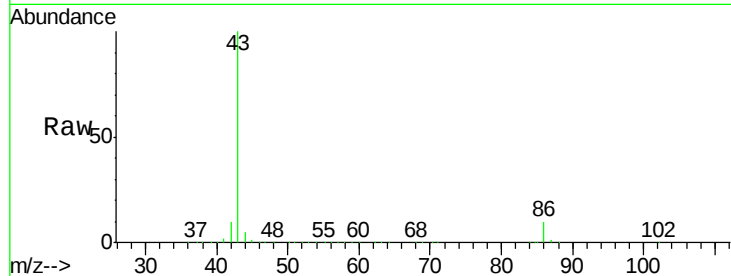
86 9.7 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 48.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

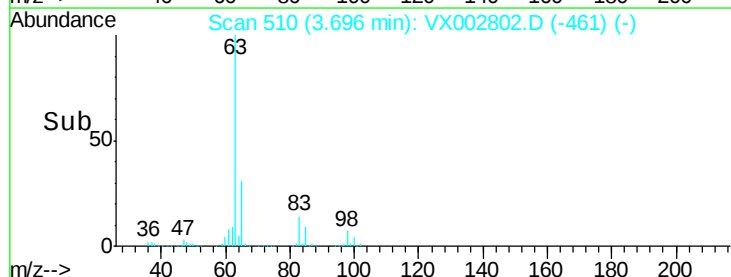
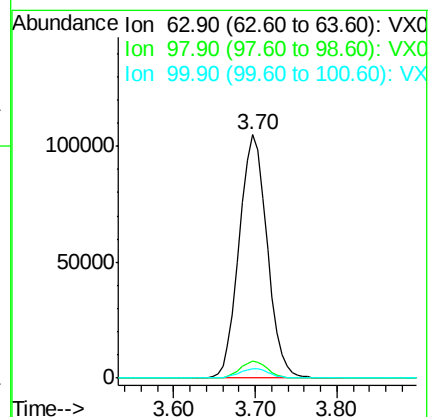
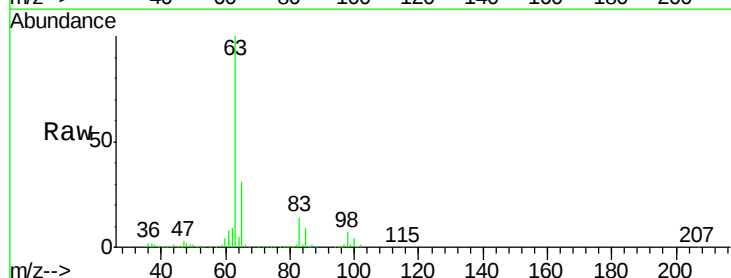
Tgt Ion: 63 Resp: 249267

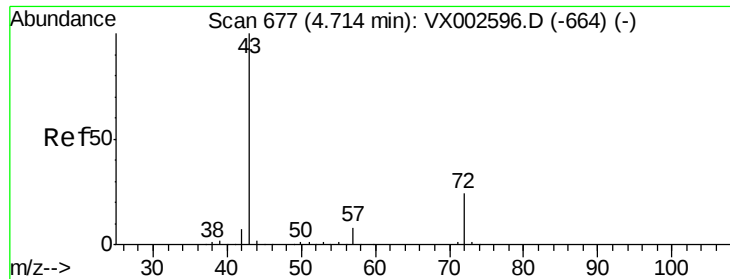
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 256.62 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 530922

Ion Ratio Lower Upper

43 100

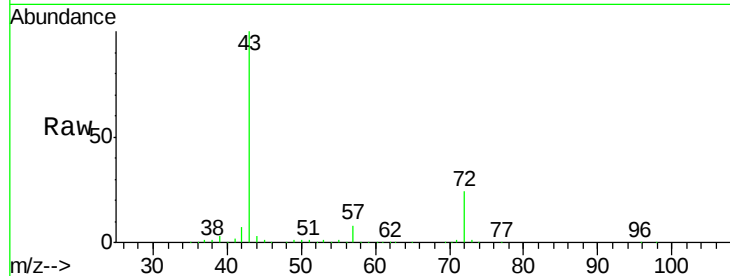
72 24.1 18.5 27.7

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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

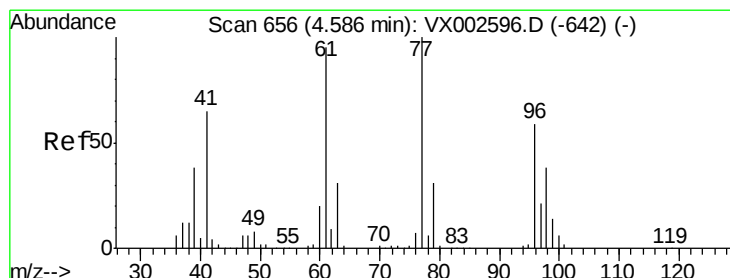
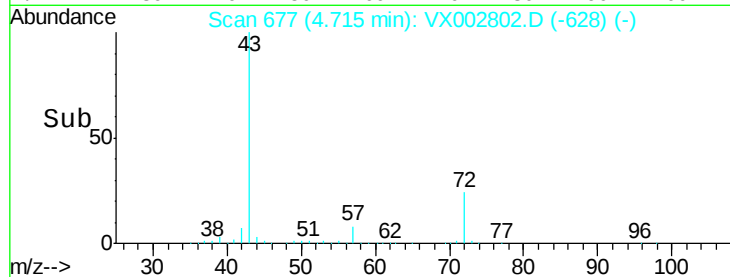
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.48 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002802.D

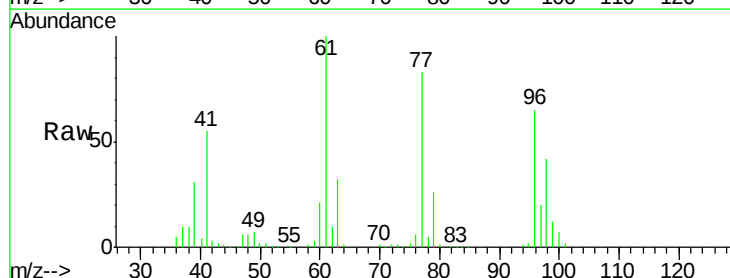
Acq: 21 Jun 2018 21:22

Tgt Ion: 77 Resp: 152566

Ion Ratio Lower Upper

77 100

97 23.8 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

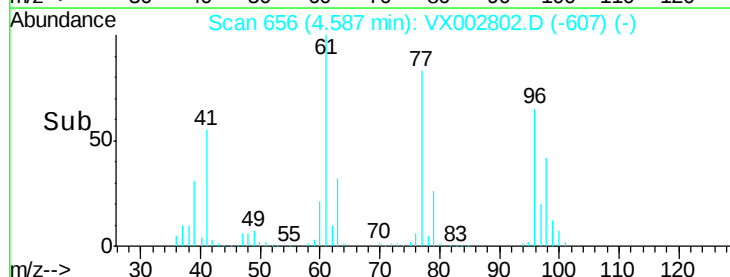
0

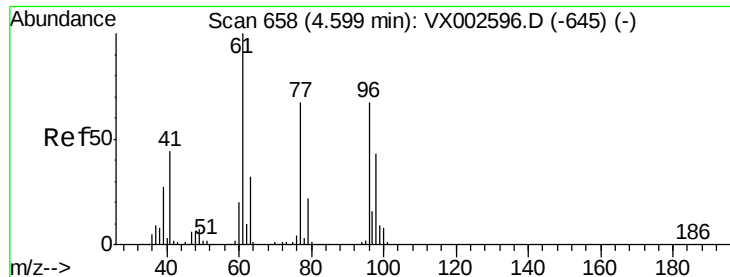
4.50

4.60

4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.56 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

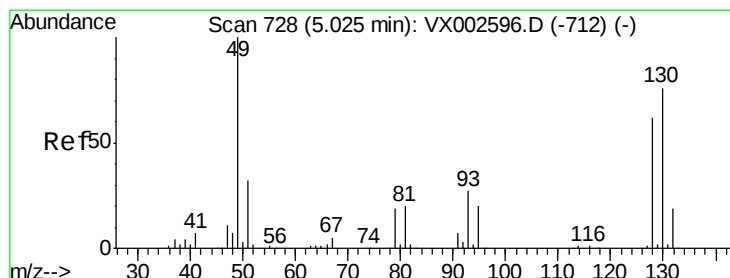
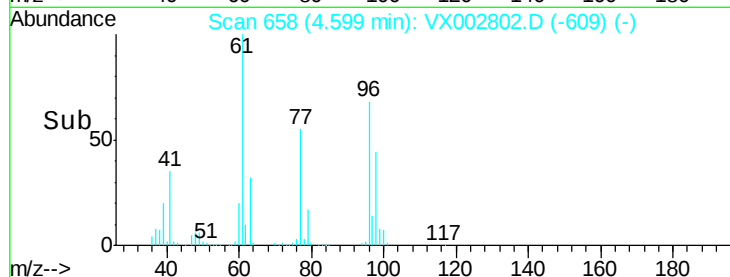
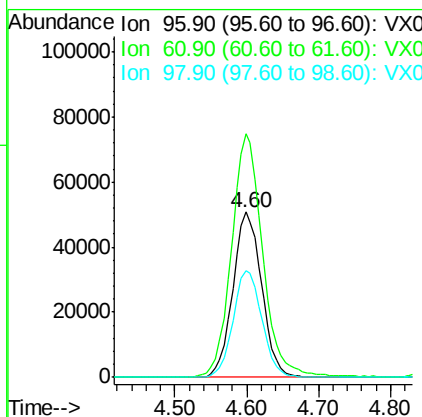
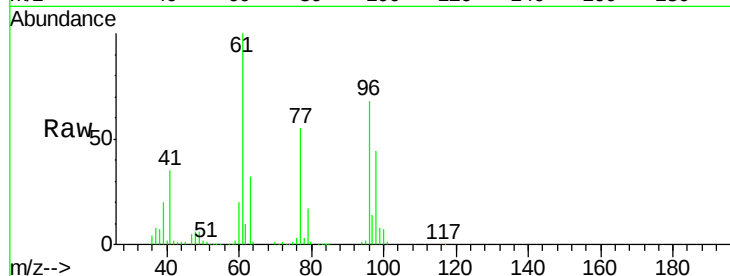
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140746
Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	330.2
98	64.6	0.0	130.2

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#28

Bromochloromethane

Concen: 44.47 ug/l

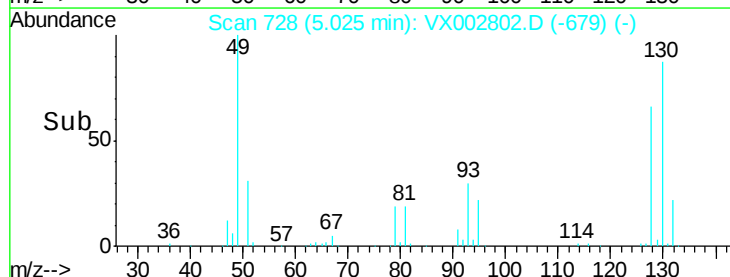
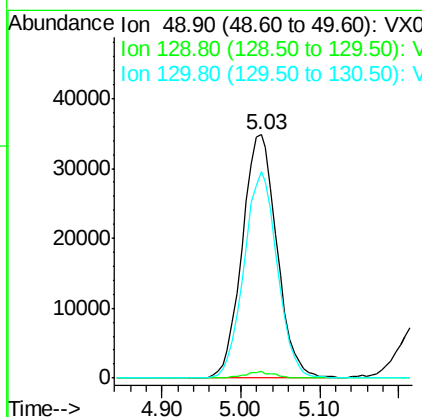
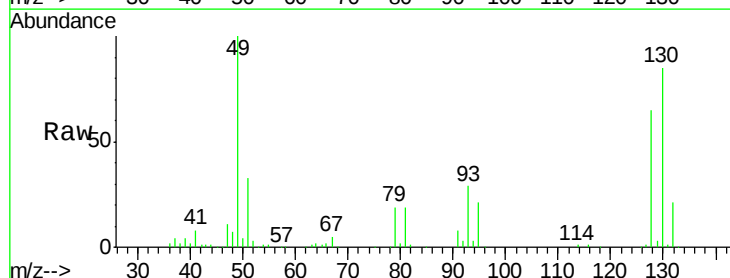
RT: 5.03 min Scan# 728

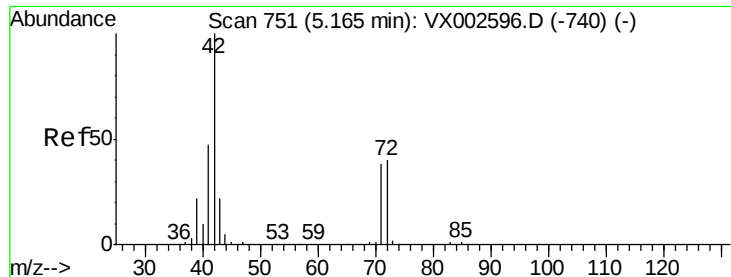
Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	49	Resp:	106617
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	81.3	61.2	91.8





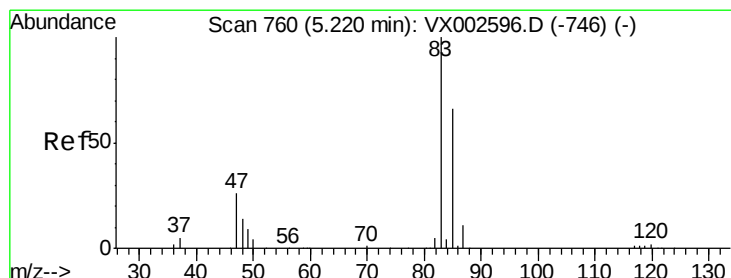
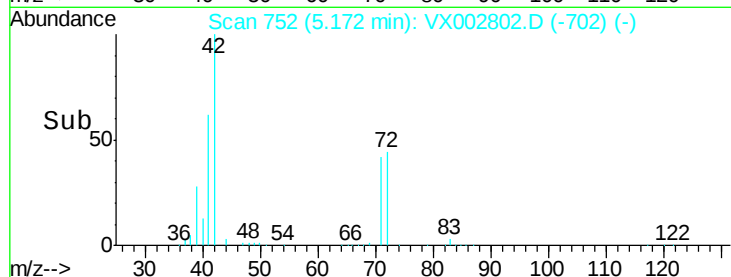
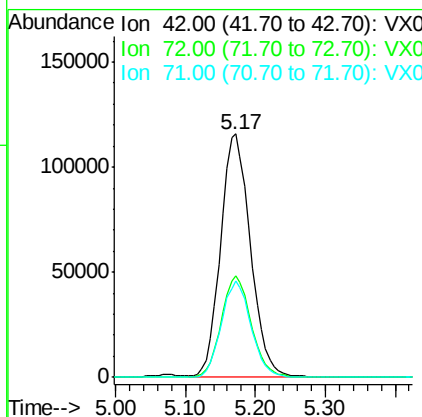
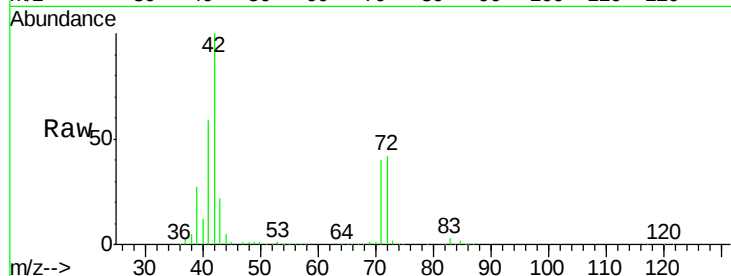
#29
Tetrahydrofuran
Concen: 252.64 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	342552
Ion Ratio	Lower	Upper	
42	100		
72	42.1	32.0	48.0
71	39.4	30.1	45.1

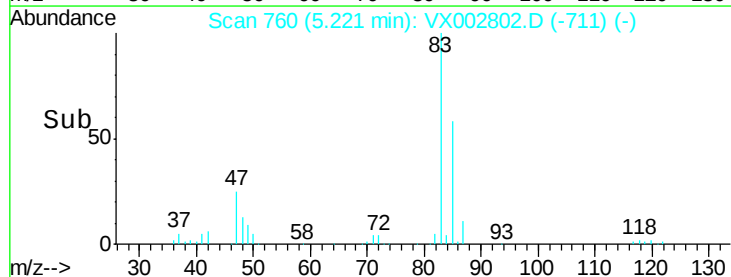
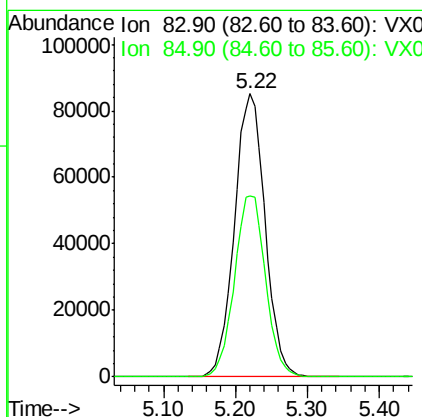
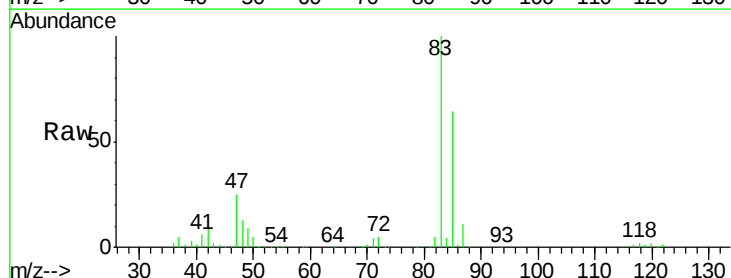
Manual Integrations
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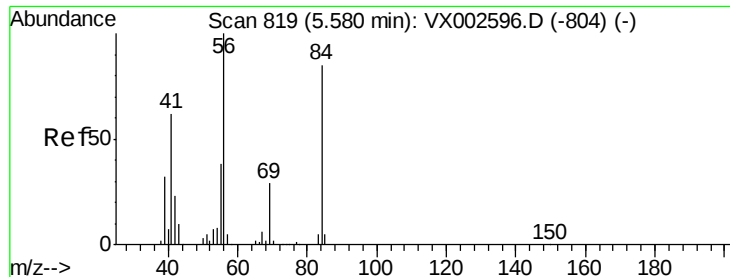
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#30
Chloroform
Concen: 50.85 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:	83	Resp:	251032
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.4	75.6





#31

Cyclohexane

Concen: 49.37 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

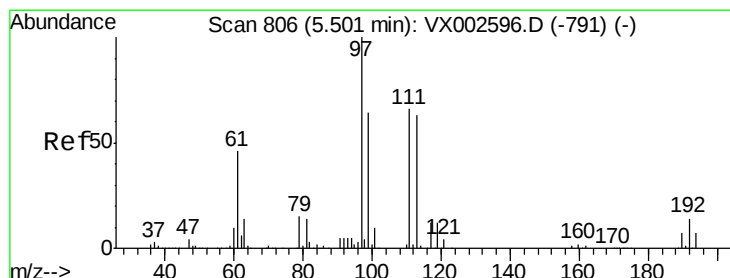
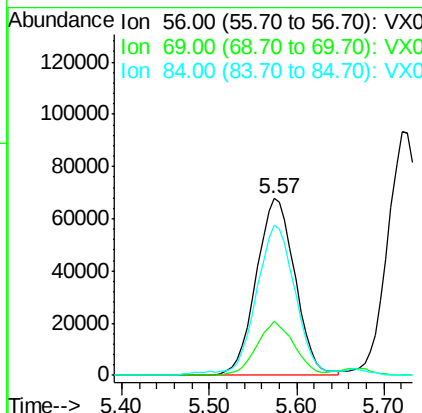
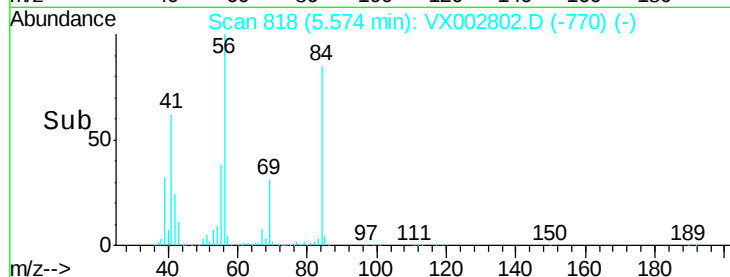
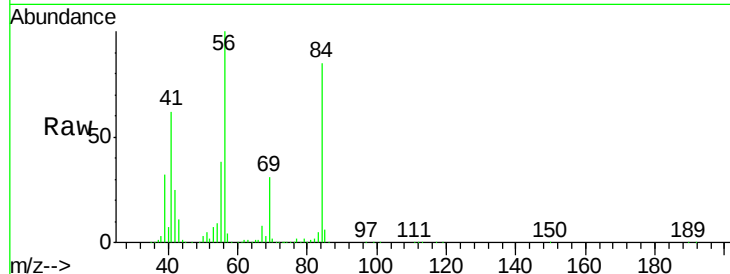
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	208069
Ion Ratio	Lower	Upper	
56	100		
69	30.5	23.7	35.5
84	83.5	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 53.50 ug/l

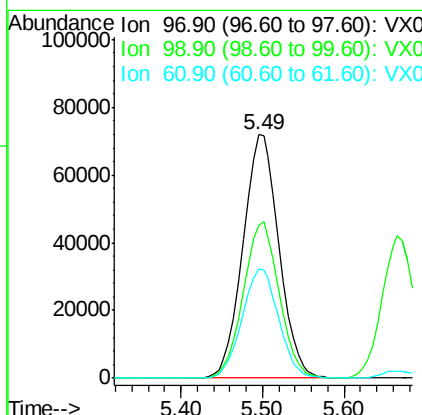
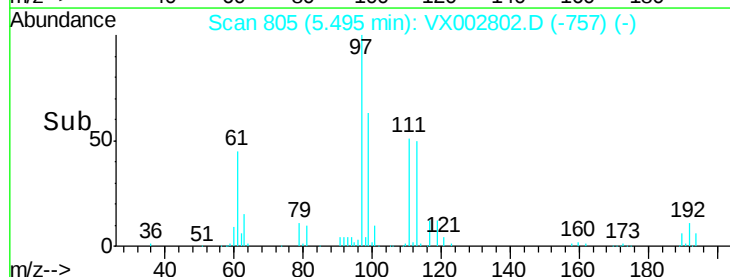
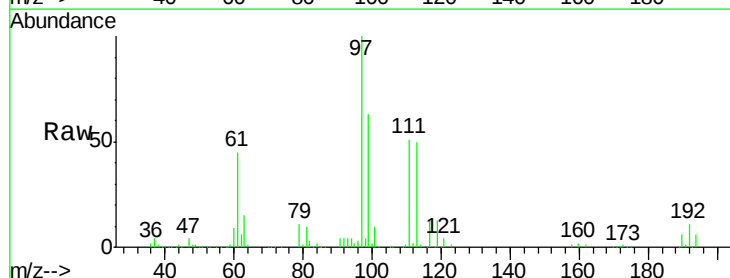
RT: 5.49 min Scan# 805

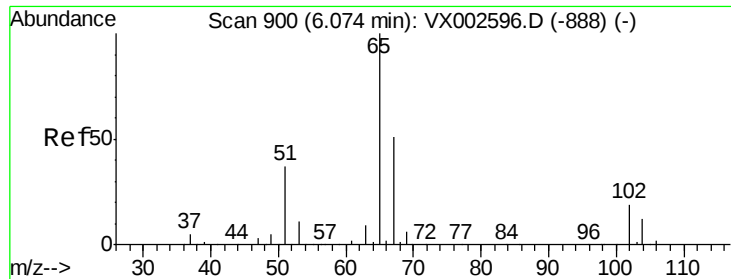
Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	97	Resp:	220889
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.6	77.4
61	45.5	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 44.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002802.D

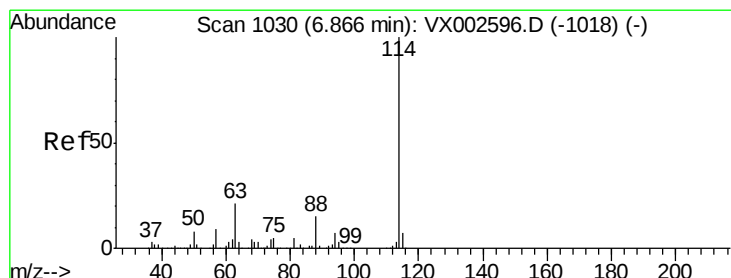
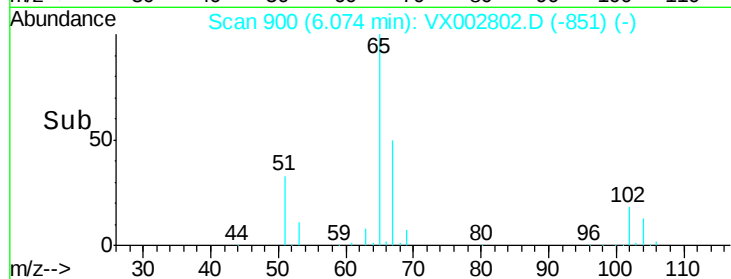
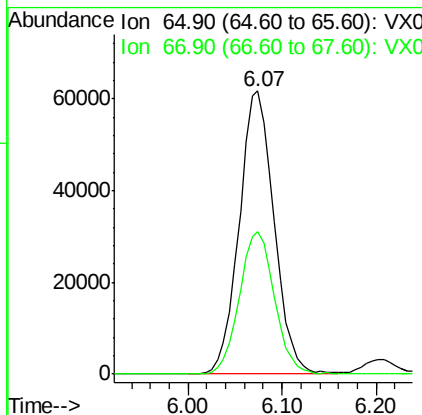
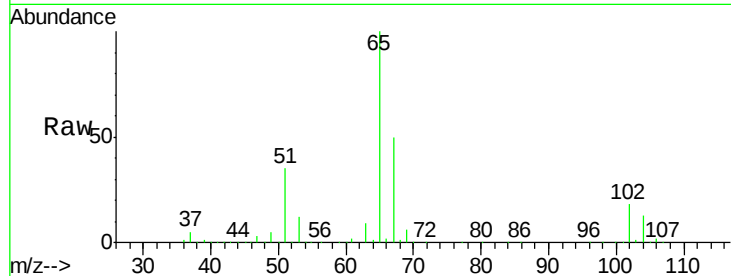
Acq: 21 Jun 2018 21:22

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

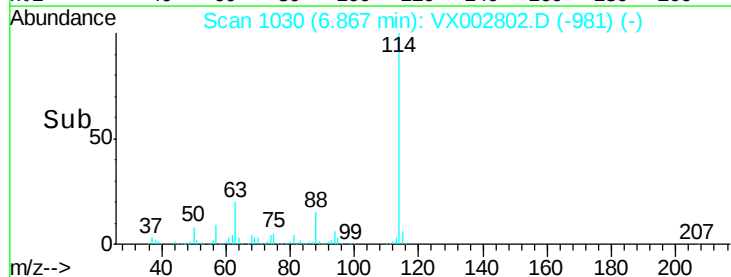
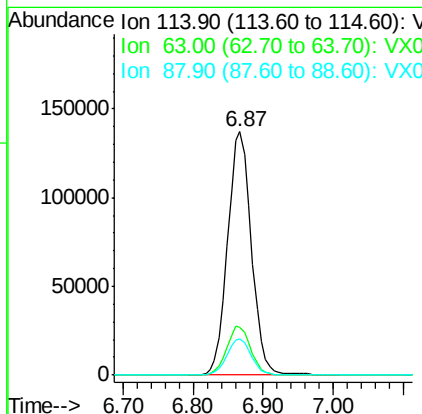
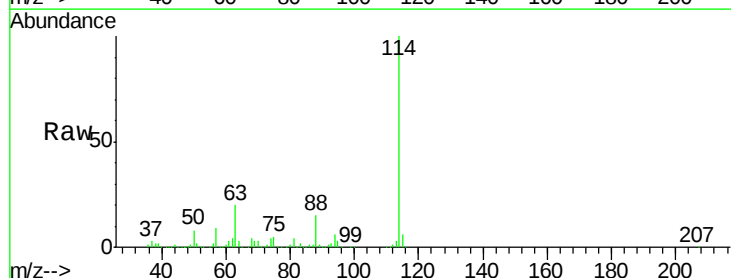
RT: 6.87 min Scan# 1030

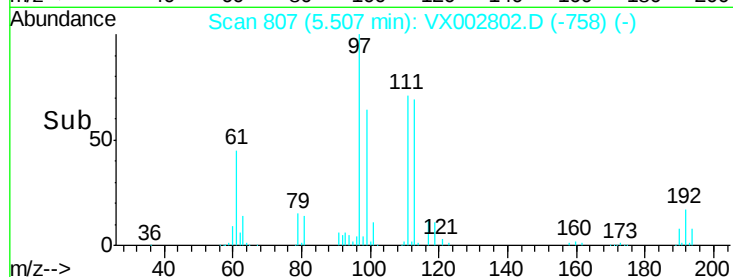
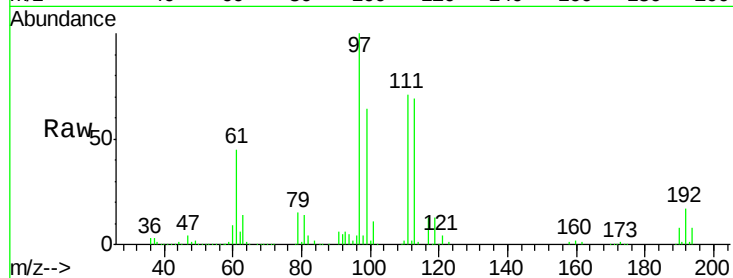
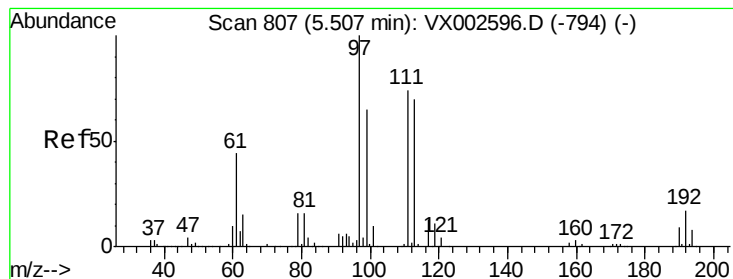
Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	14.9	0.0	30.0





#35

Dibromofluoromethane

Concen: 49.38 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tot Ion:	113	Resp:	128214
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.4	122.0
192	24.6	19.1	28.7

Instrument :

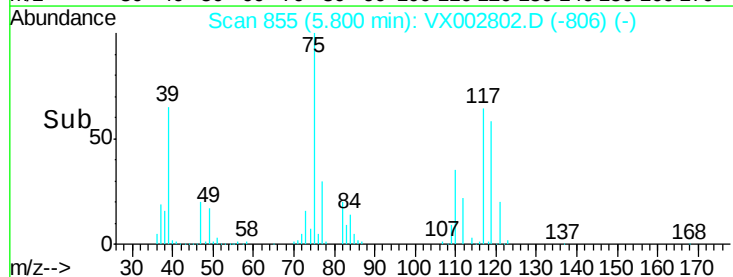
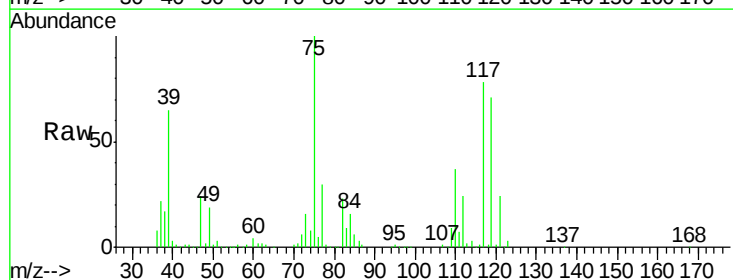
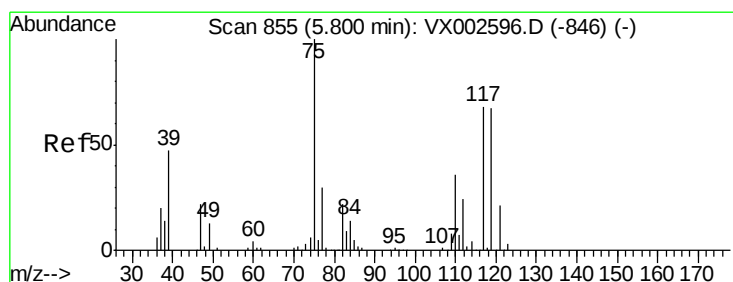
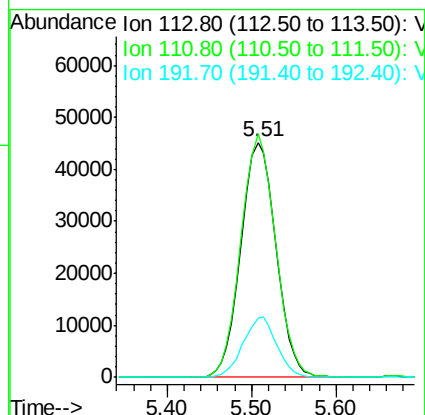
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 51.37 ug/l

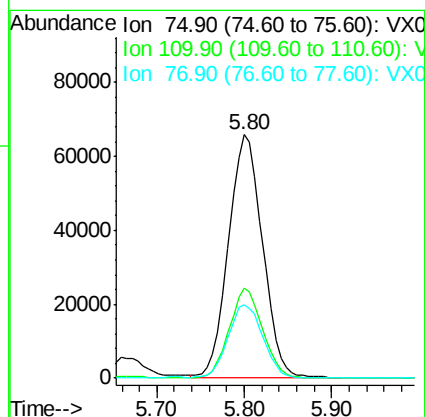
RT: 5.80 min Scan# 855

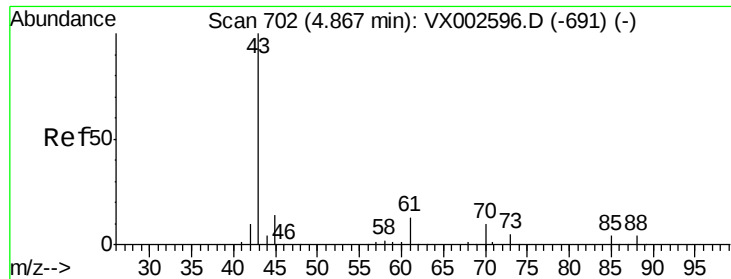
Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	75	Resp:	177480
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.4
77	31.3	24.3	36.5





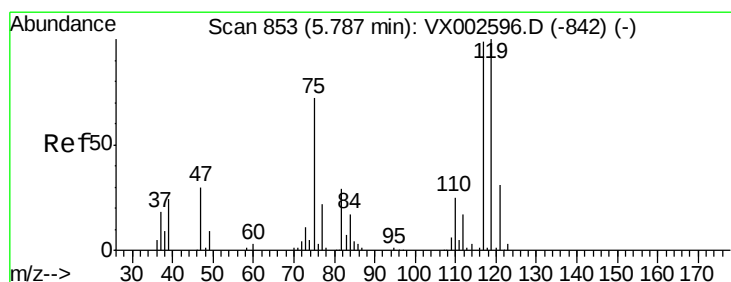
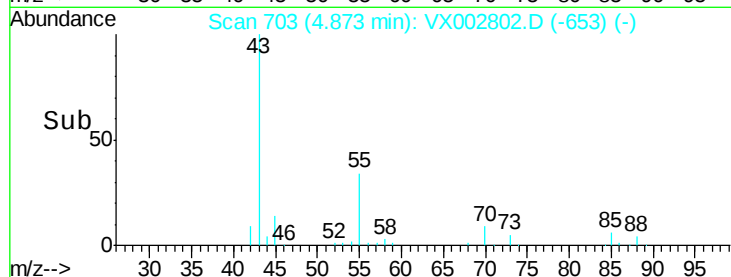
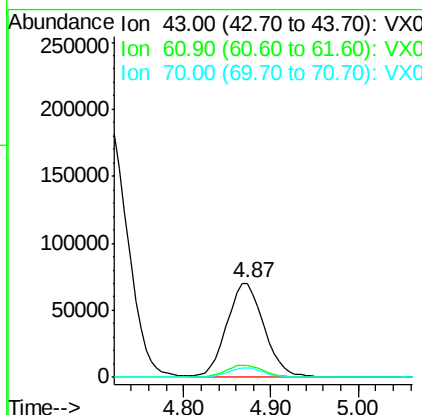
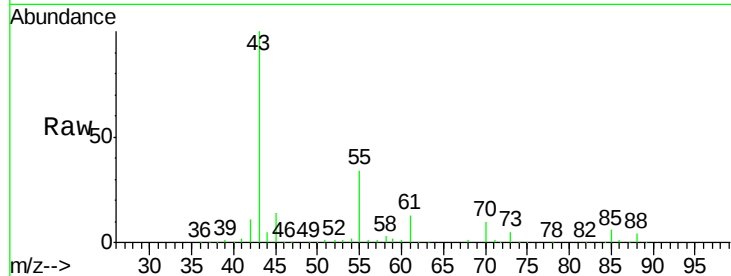
#37
Ethyl Acetate
Concen: 52.53 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.9	7.6	11.4

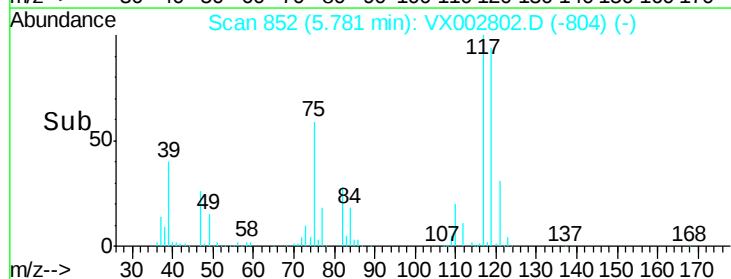
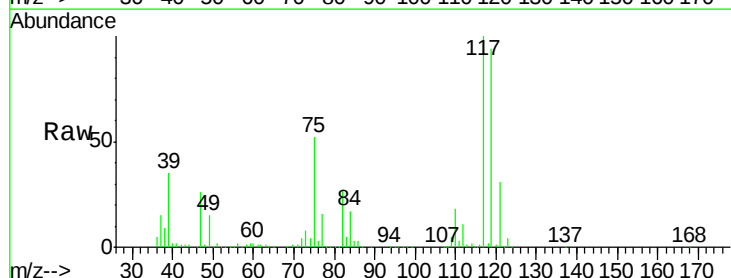
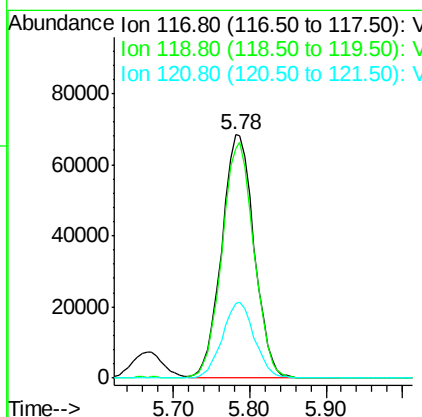
Manual Integrations
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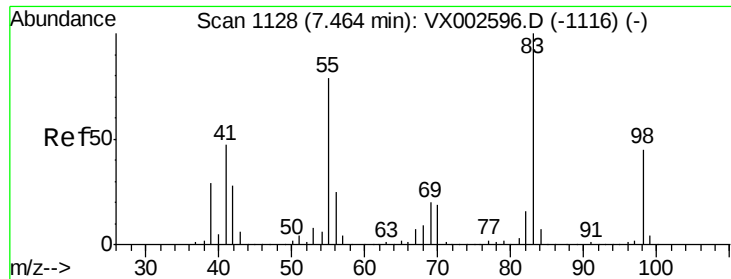
apatel
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#38
Carbon Tetrachloride
Concen: 58.24 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
121	30.7	24.4	36.6





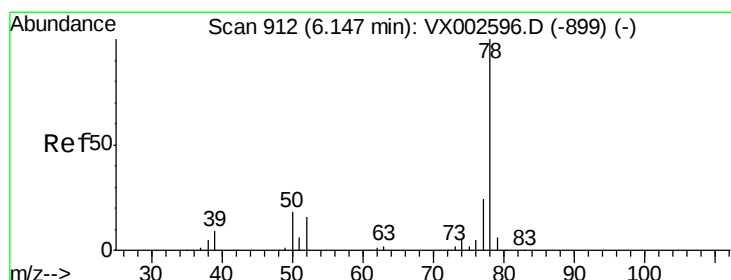
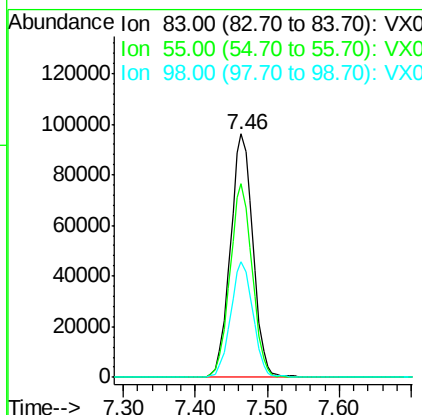
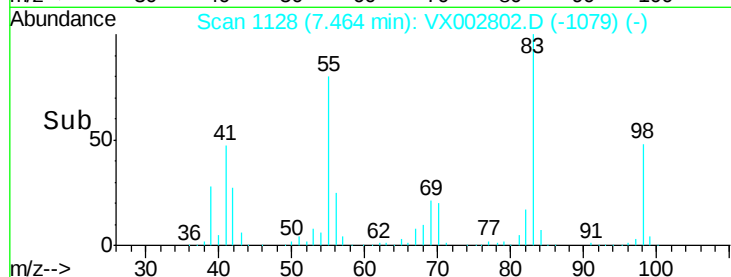
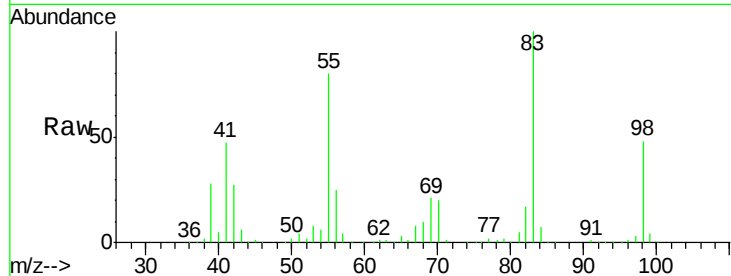
#39
Methvlcvclohexane
Concen: 51.84 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	209382		
55	79.8		65.4	98.0
98	47.5		37.4	56.0

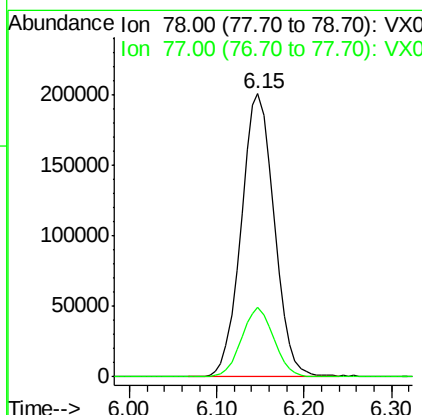
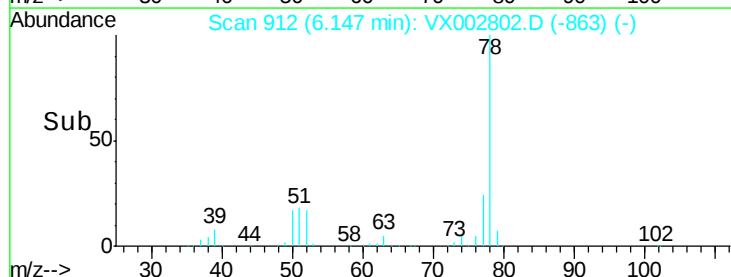
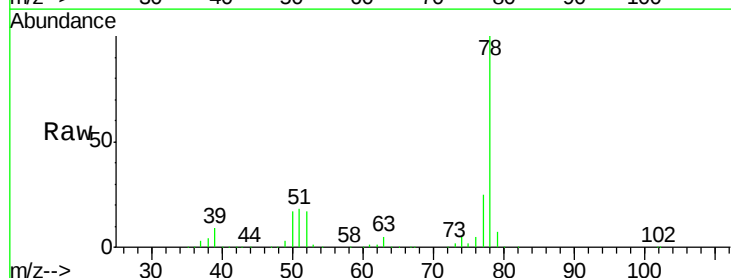
Manual Integrations
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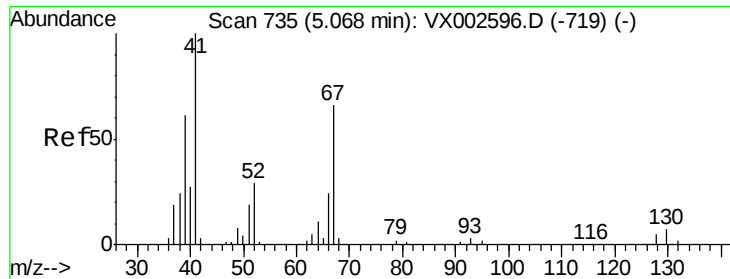
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#40
Benzene
Concen: 50.79 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	526232		
77	24.6		19.1	28.7





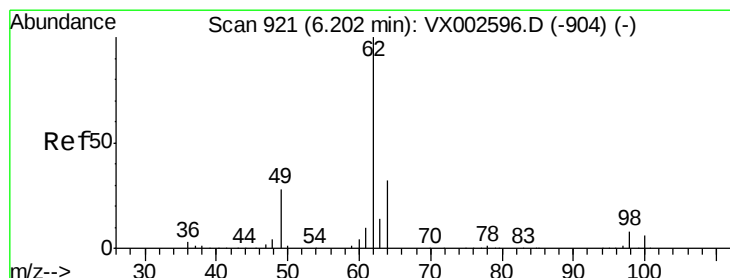
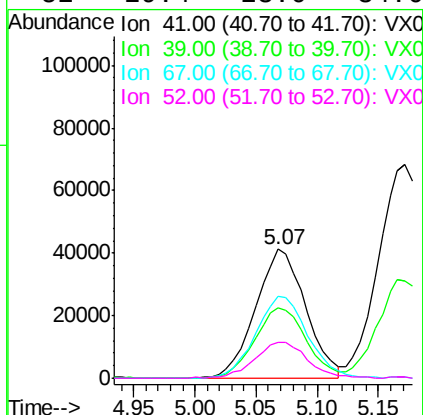
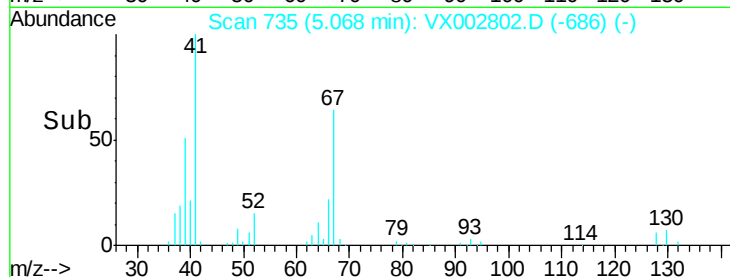
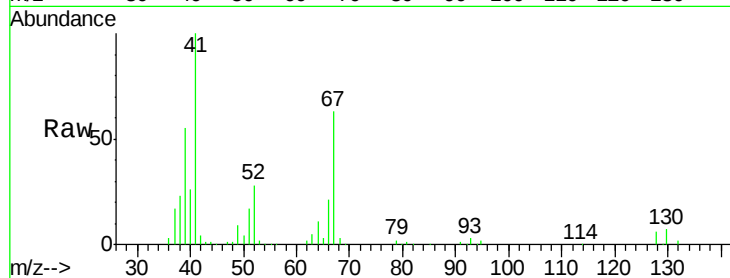
#41
Methacrylonitrile
Concen: 52.85 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		11693		
39	56.1	45.8	68.6		
67	66.4	51.3	76.9		
52	29.4	23.0	34.6		

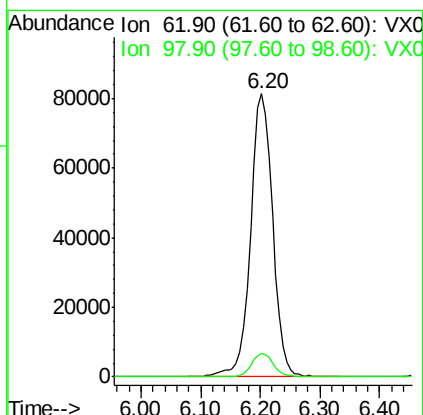
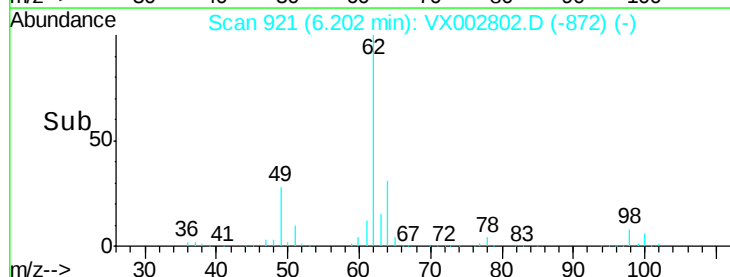
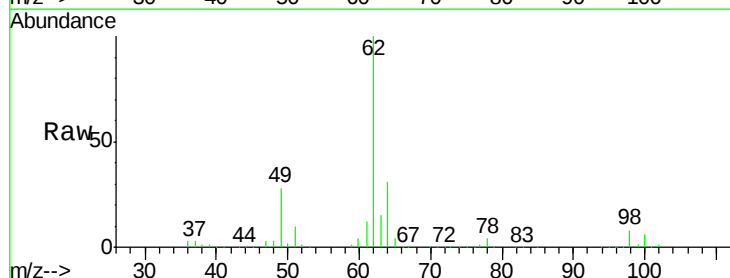
Manual Integrations
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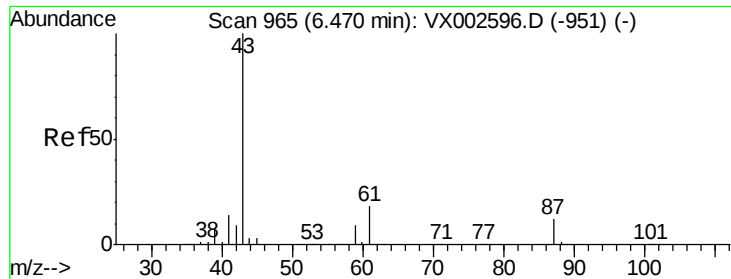
apatel
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#42
1,2-Dichloroethane
Concen: 52.41 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		210207		
98	8.4	0.0	16.6		





#43

Isopropyl Acetate

Concen: 51.17 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

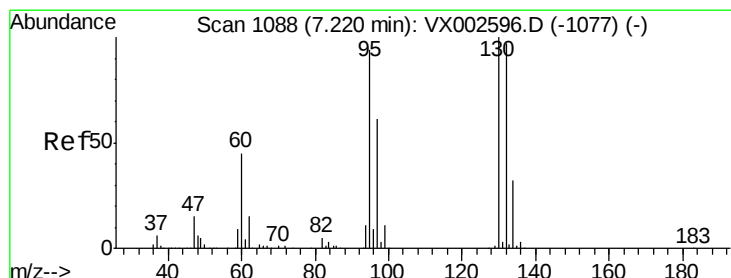
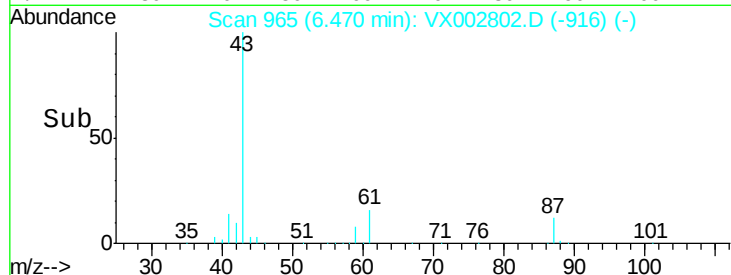
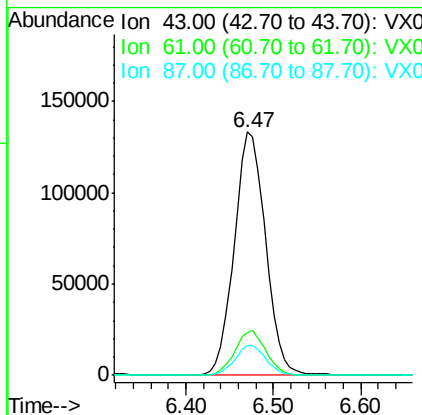
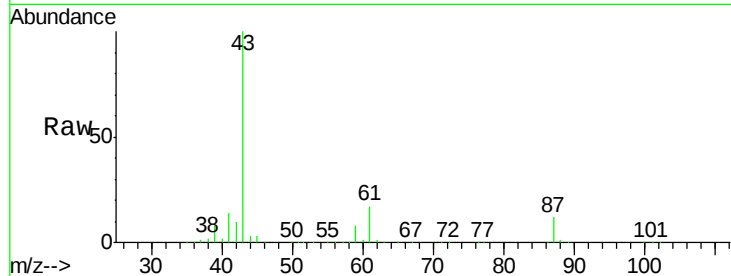
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	331570
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	12.4	9.5	14.3

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#44

Trichloroethene

Concen: 51.31 ug/l

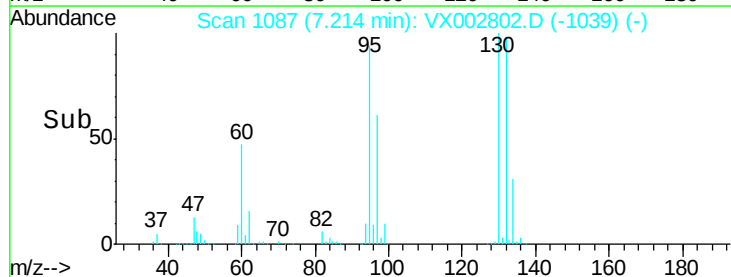
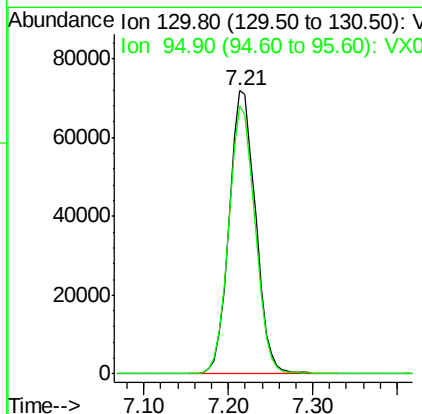
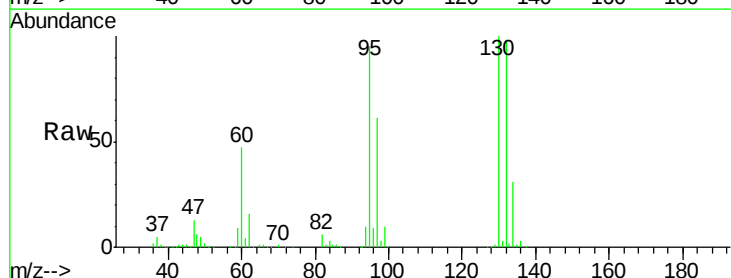
RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	130	Resp:	153429
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	185.4





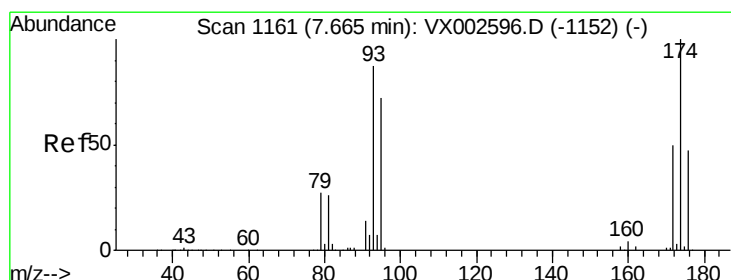
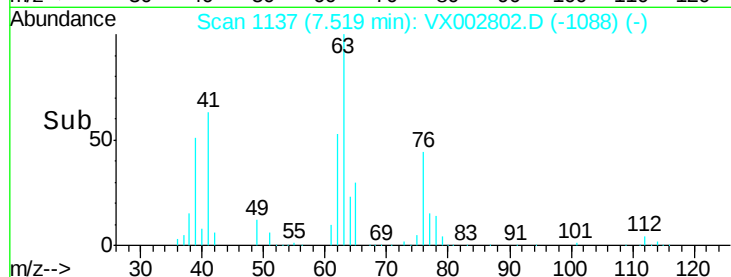
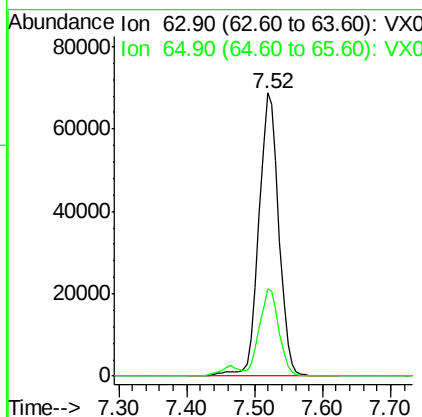
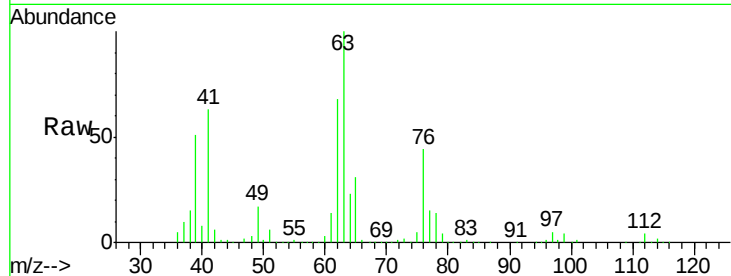
#45
 1,2-Dichloropropane
 Concen: 51.99 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 141776
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

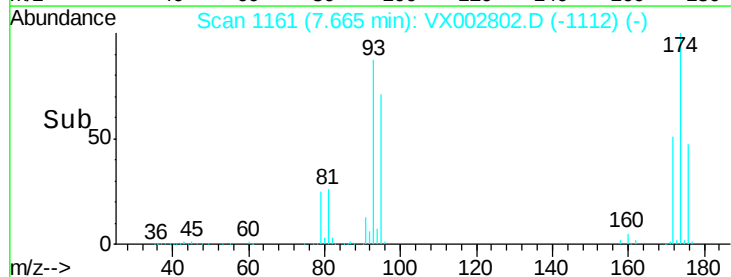
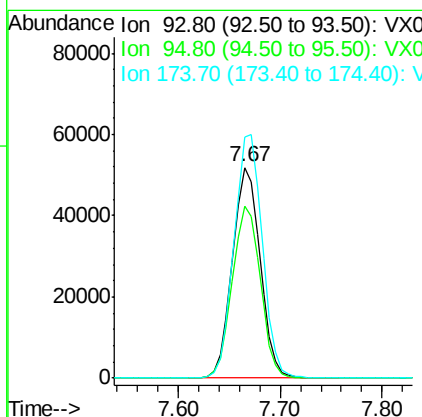
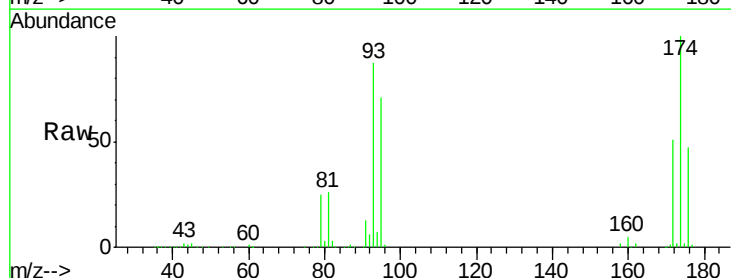
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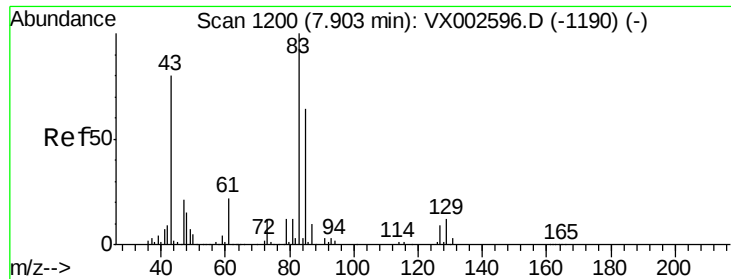
apatel
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#46
 Dibromomethane
 Concen: 53.66 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion: 93 Resp: 97883
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 117.6 92.4 138.6





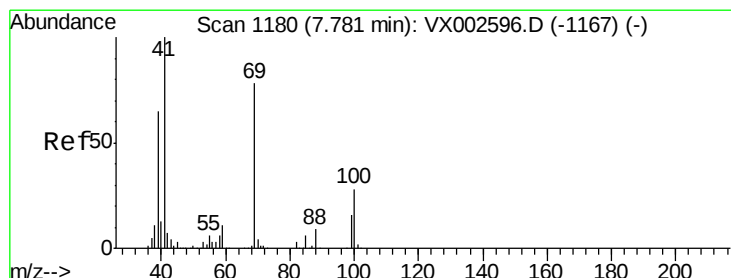
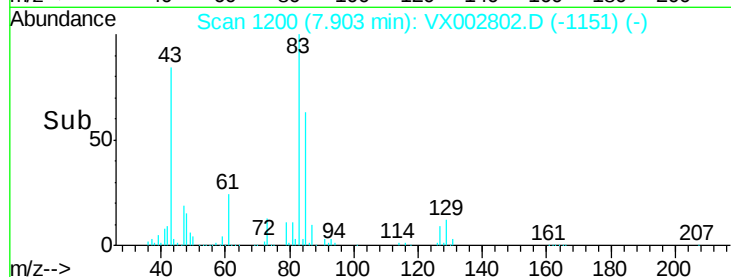
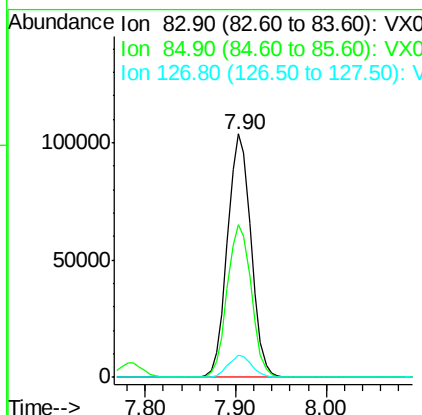
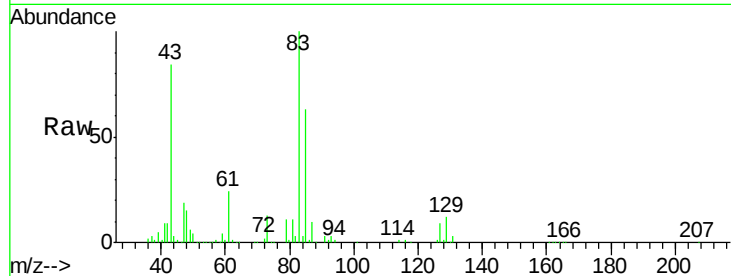
#47
Bromodichloromethane
Concen: 58.11 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	186933		
85	62.6	50.3	75.5	
127	9.2	7.0	10.4	

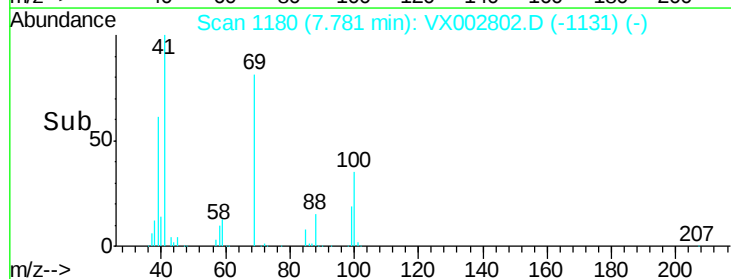
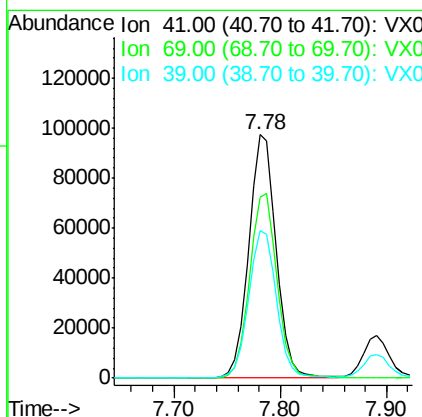
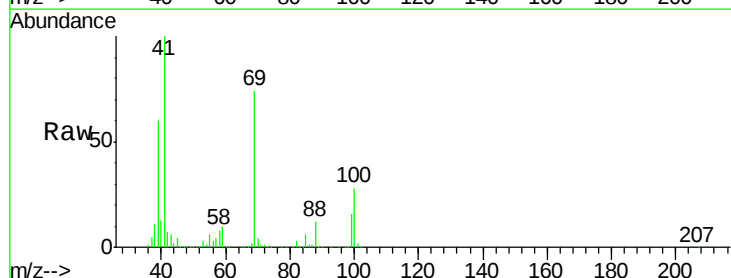
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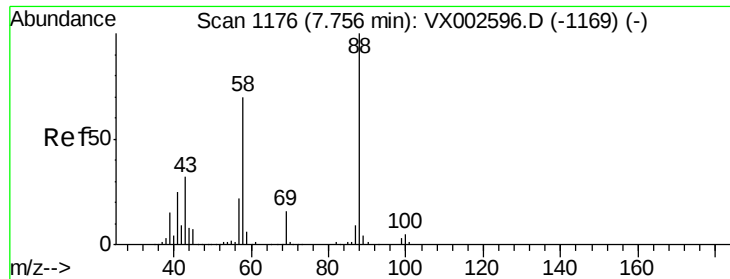
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#48
Methyl methacrylate
Concen: 53.09 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	175784		
69	76.6	59.1	88.7	
39	61.2	48.9	73.3	





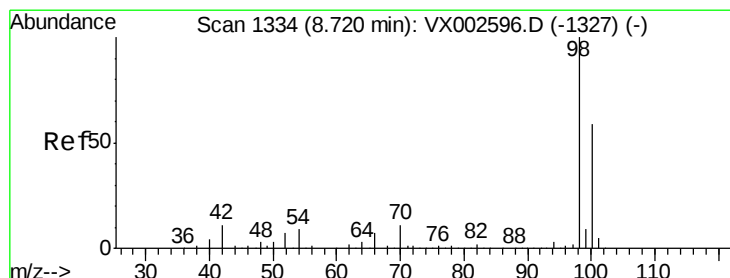
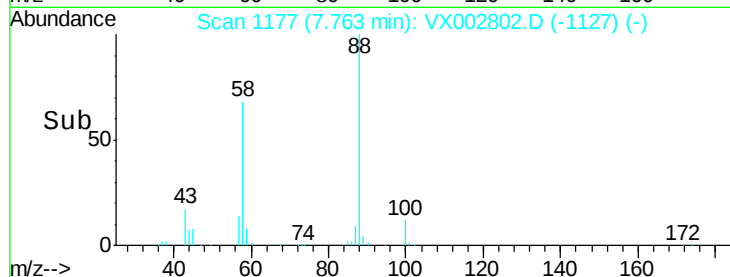
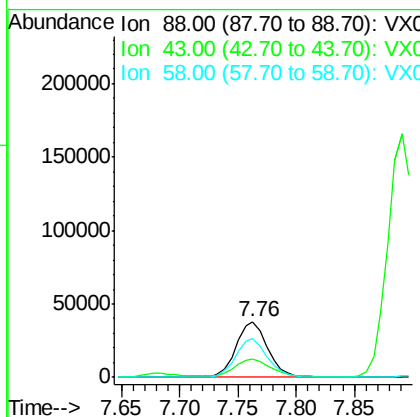
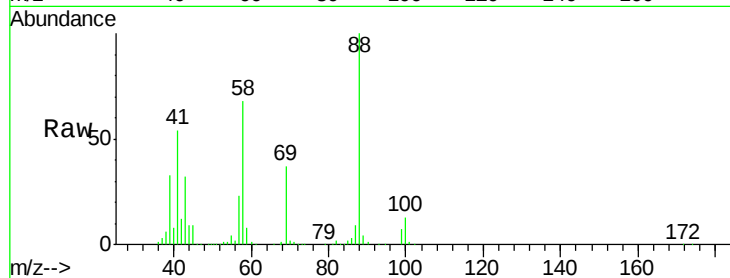
#49
1,4-Dioxane
Concen: 1142.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.8	44.6
58	69.9	57.1	85.7

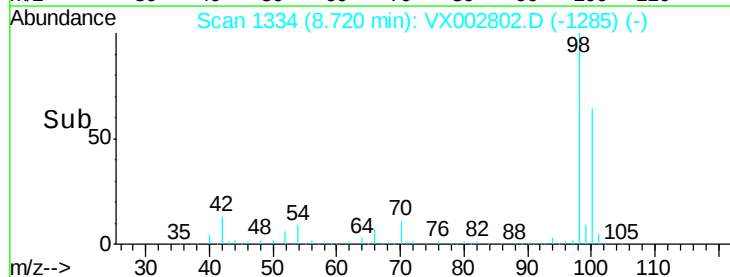
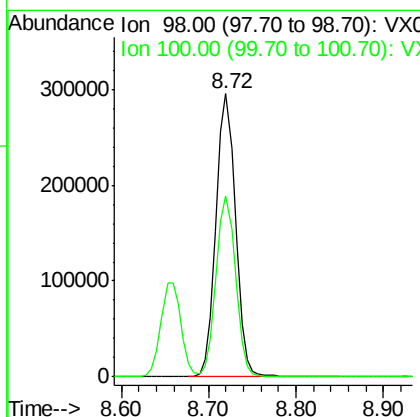
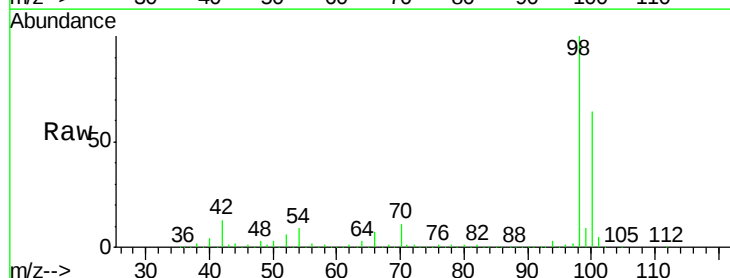
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#50
Toluene-d8
Concen: 46.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





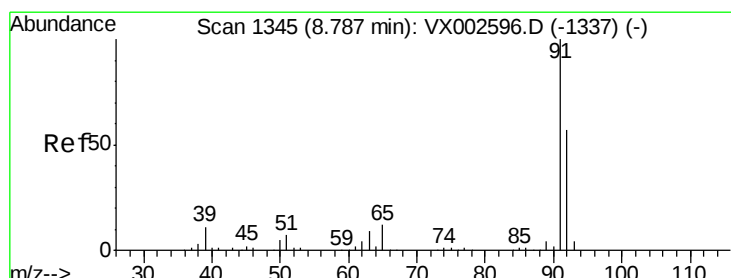
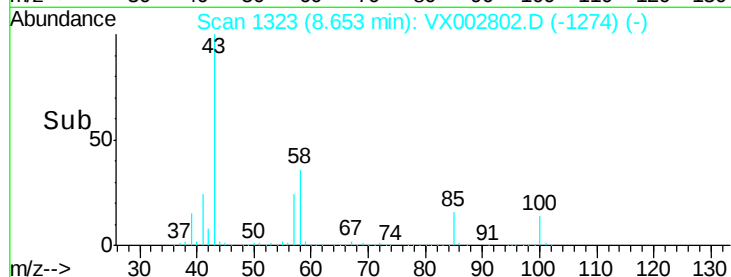
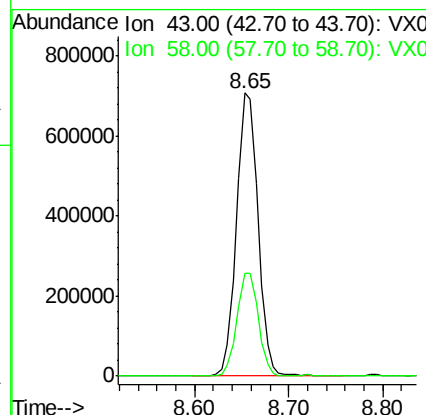
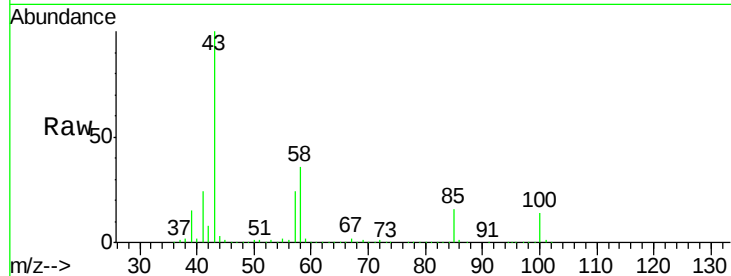
#51
4-Methyl-2-Pentanone
Concen: 269.66 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1121896
Ion Ratio Lower Upper
43 100
58 36.5 28.6 42.8

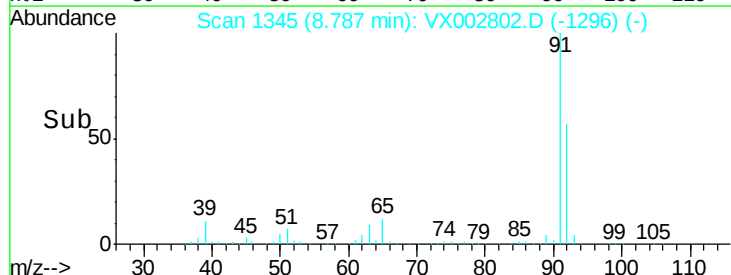
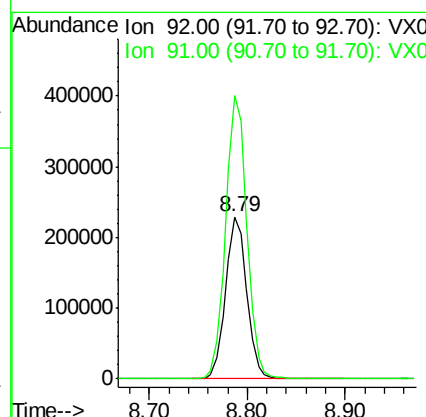
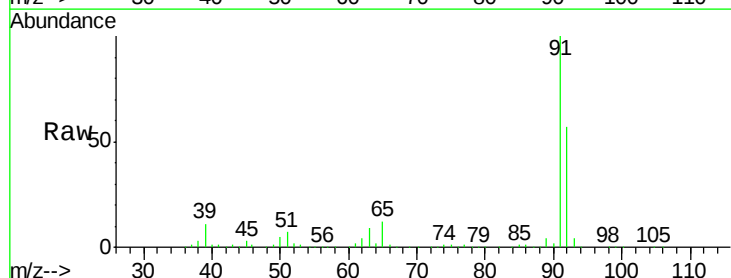
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#52
Toluene
Concen: 52.28 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 92 Resp: 345493
Ion Ratio Lower Upper
92 100
91 175.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 48.91 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 208055

Ion Ratio Lower Upper

75 100

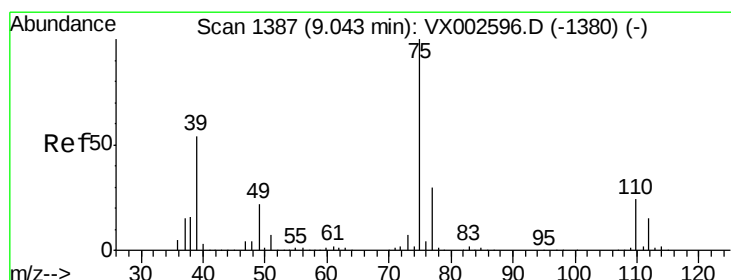
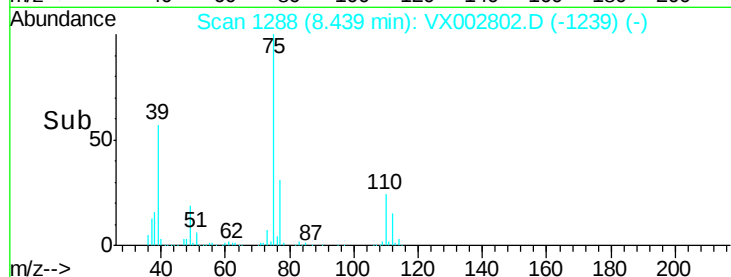
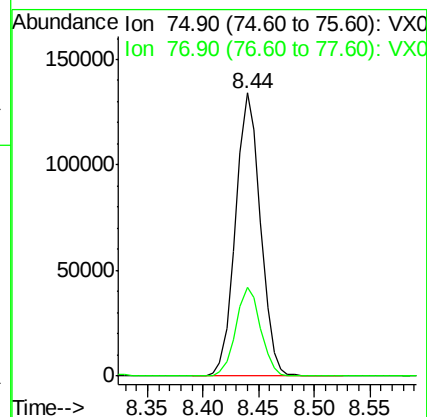
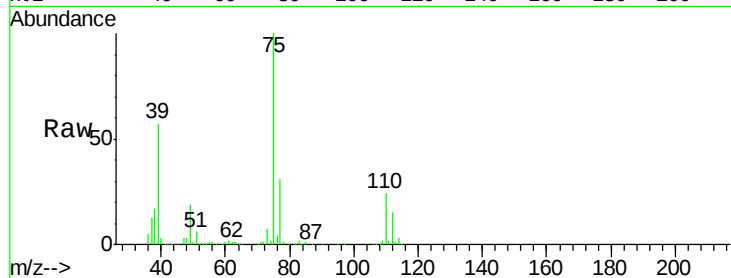
77 31.5 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 47.96 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

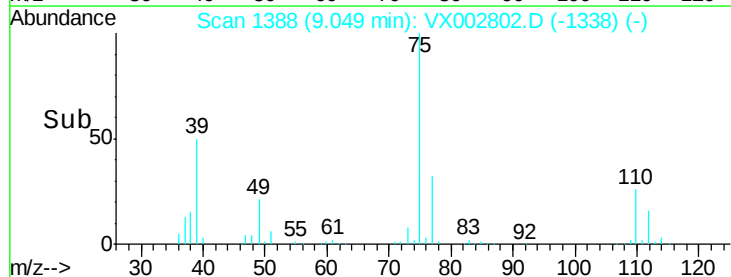
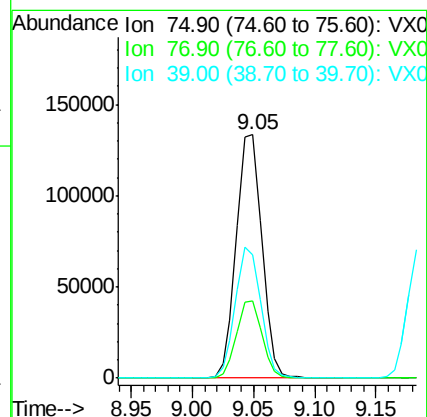
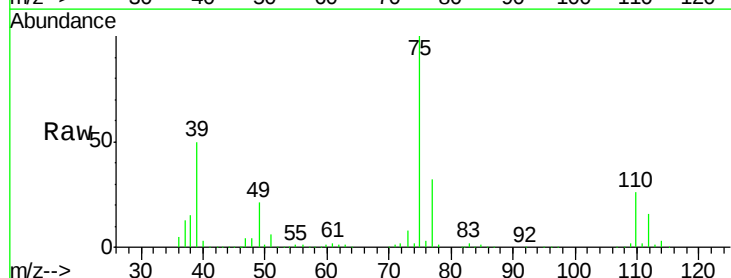
Tgt Ion: 75 Resp: 194253

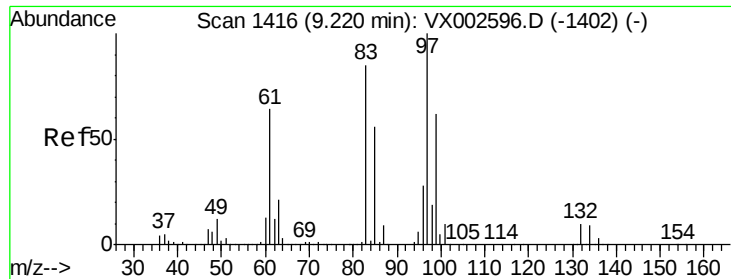
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 50.4 42.4 63.6





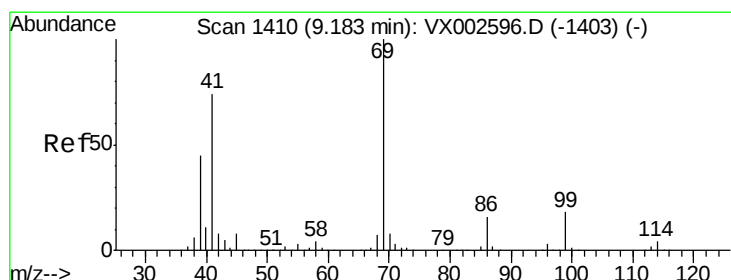
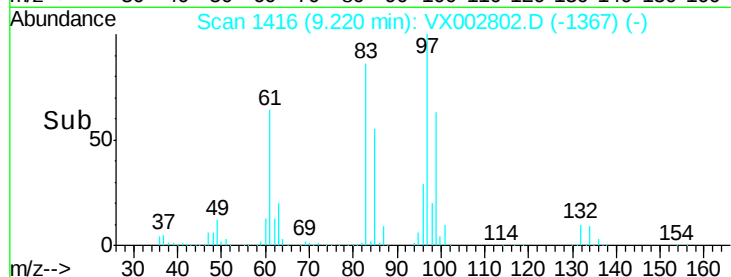
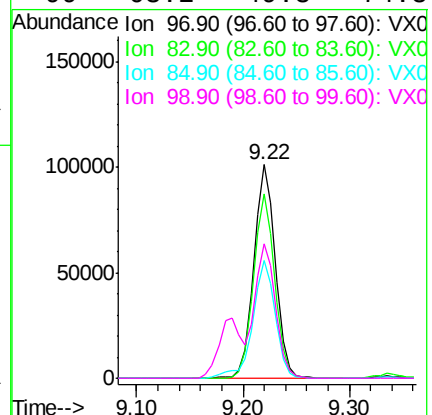
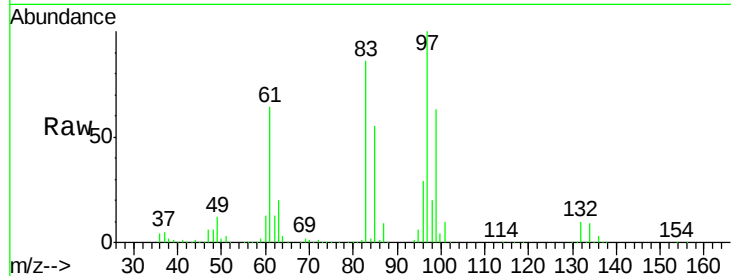
#55
1,1,2-Trichloroethane
Concen: 53.84 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	143770
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	55.2	44.9	67.3
99	63.2	49.8	74.8

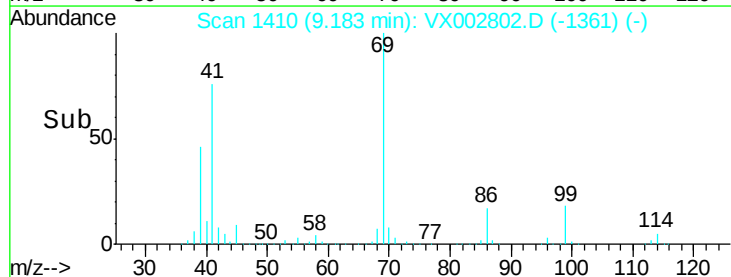
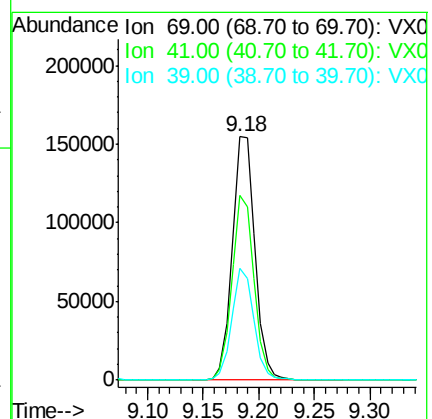
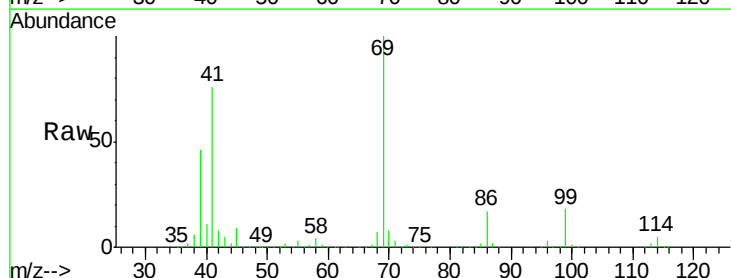
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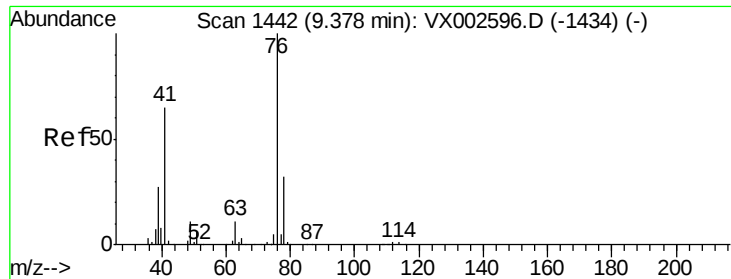
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#56
Ethyl methacrylate
Concen: 53.22 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:	69	Resp:	218719
Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	44.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.50 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 76 Resp: 237142

Ion Ratio Lower Upper

76 100

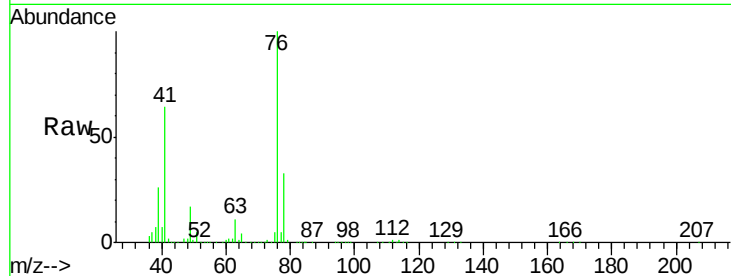
78 31.8 25.8 38.6

Manual Integrations

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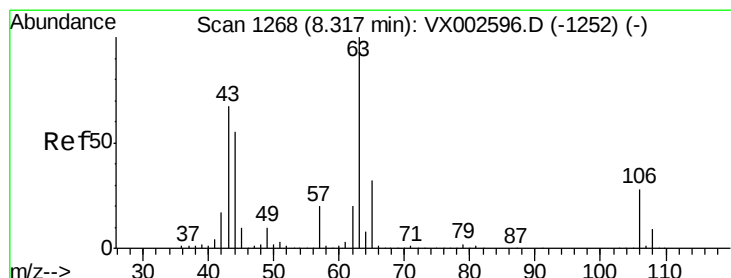
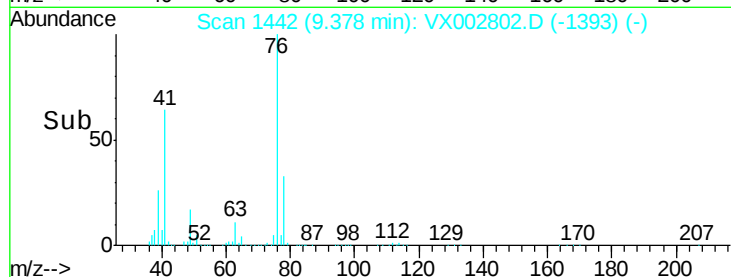
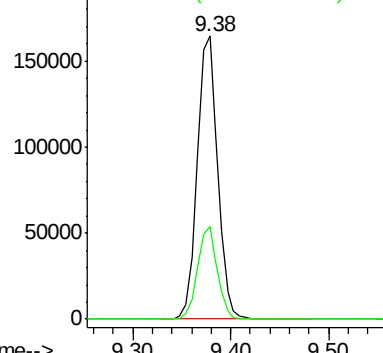
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 224.70 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002802.D

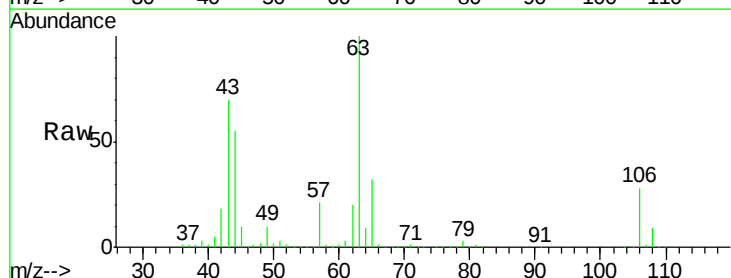
Acq: 21 Jun 2018 21:22

Tgt Ion: 63 Resp: 446644

Ion Ratio Lower Upper

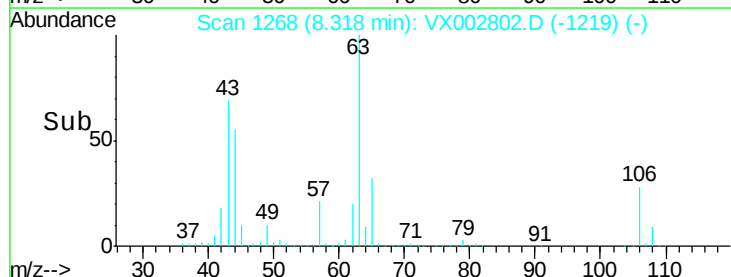
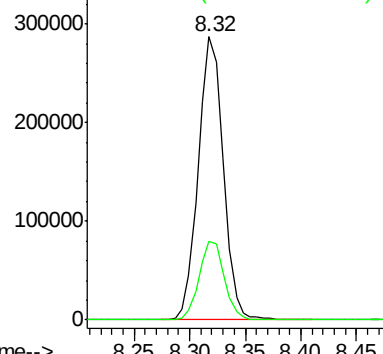
63 100

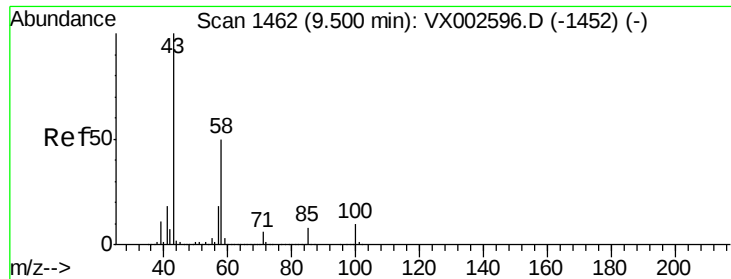
106 28.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





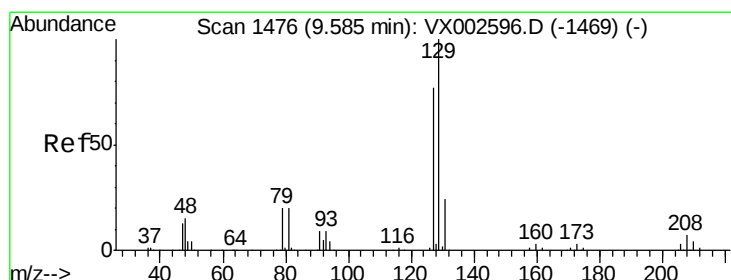
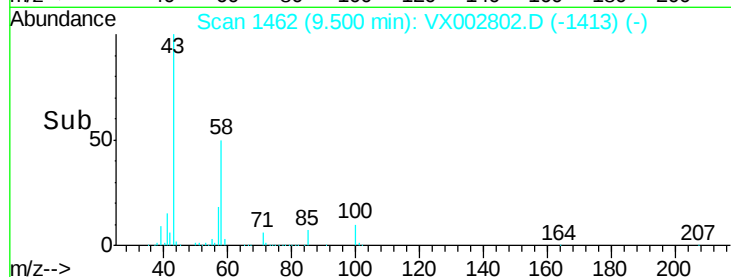
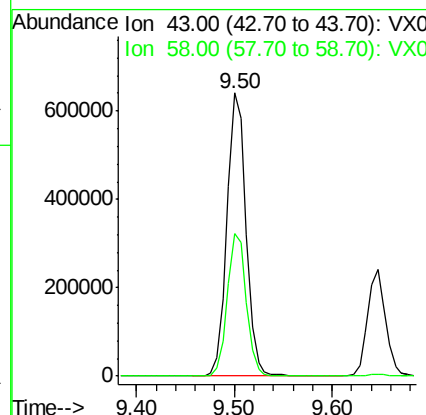
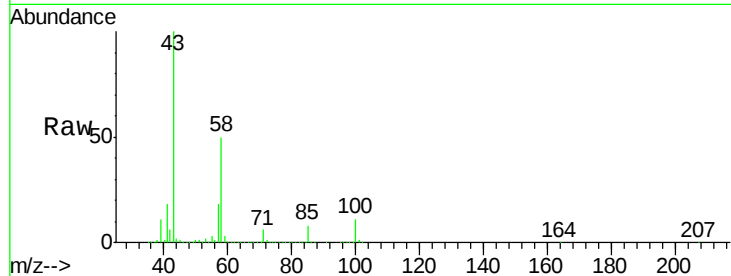
#59
2-Hexanone
Concen: 276.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 865271
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6

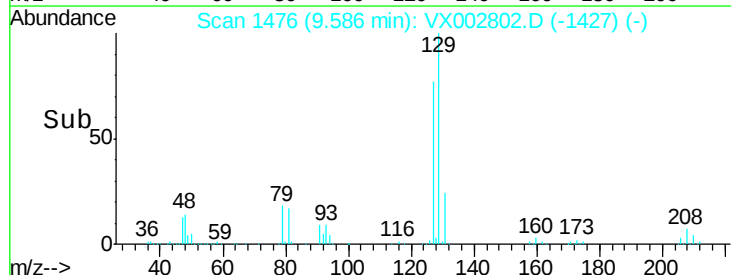
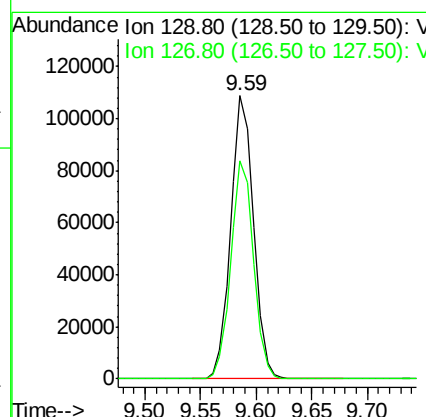
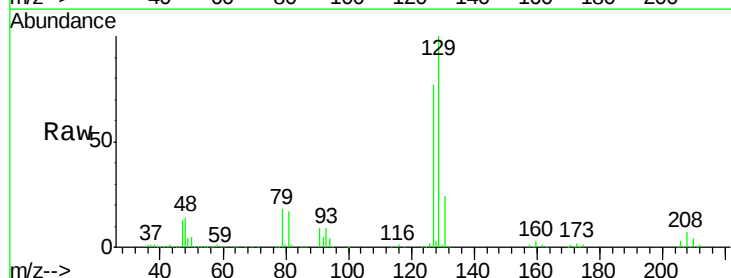
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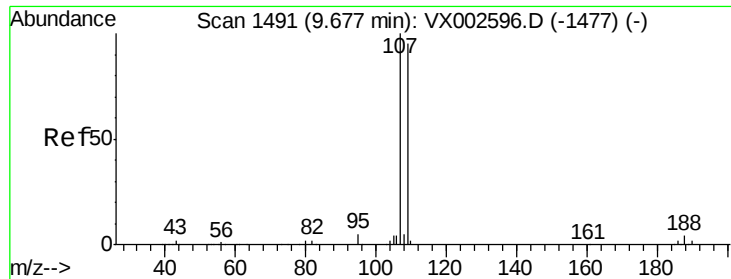
apatel
6/22/2018 1:59:33 PM



#60
Dibromochloromethane
Concen: 51.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 129 Resp: 154038
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 55.30 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 152952

Ion Ratio Lower Upper

107 100

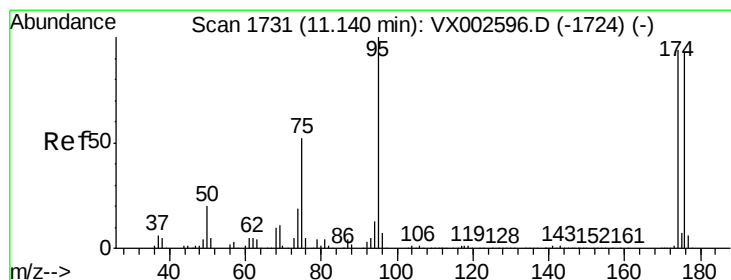
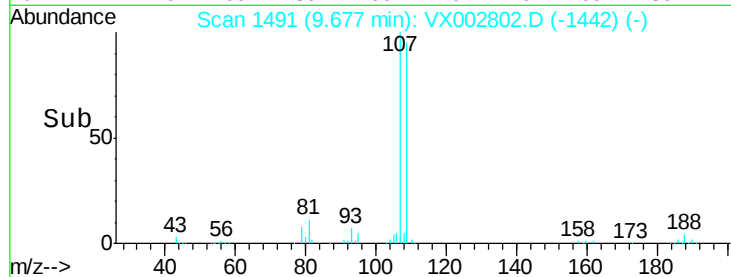
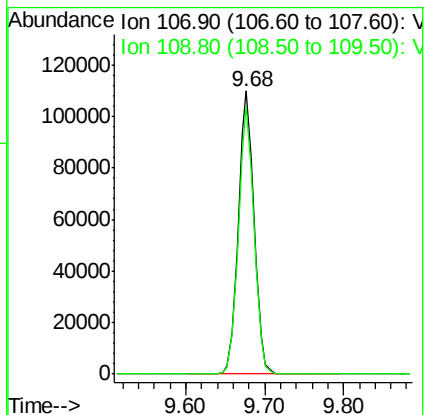
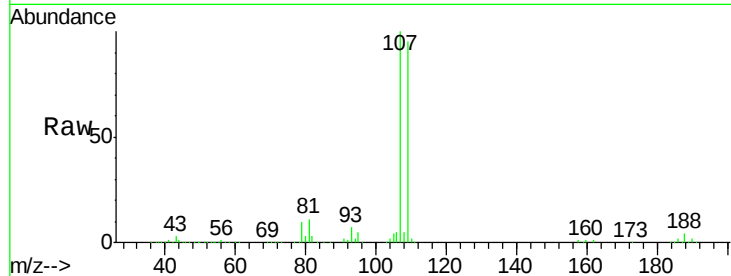
109 93.6 75.3 112.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

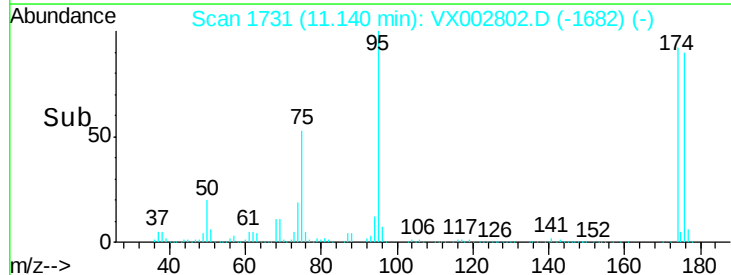
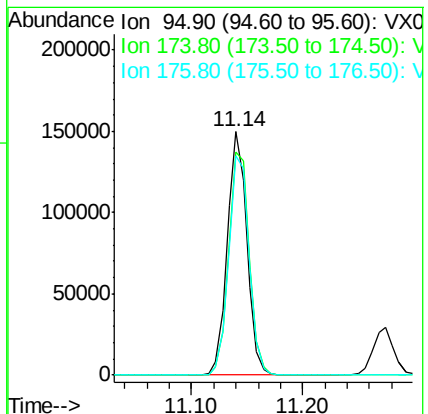
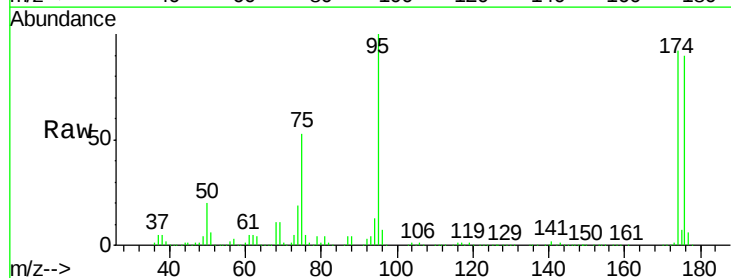
Tgt Ion: 95 Resp: 182040

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

176 93.7 0.0 181.0





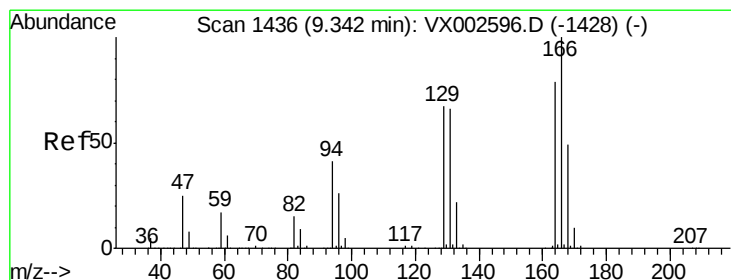
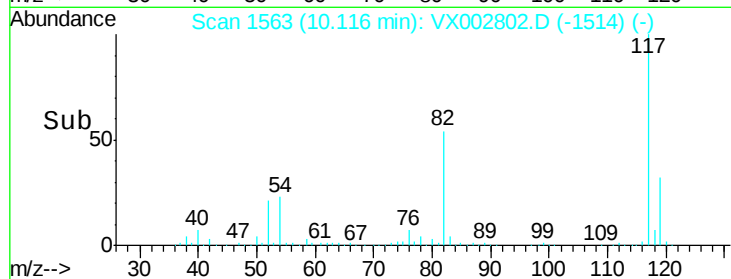
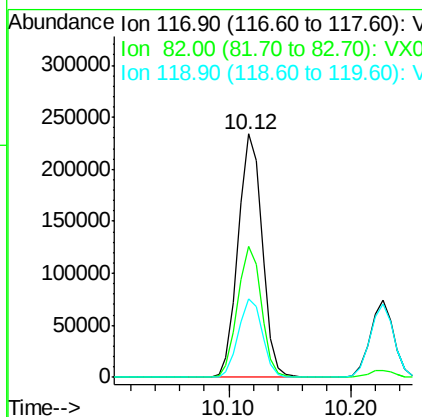
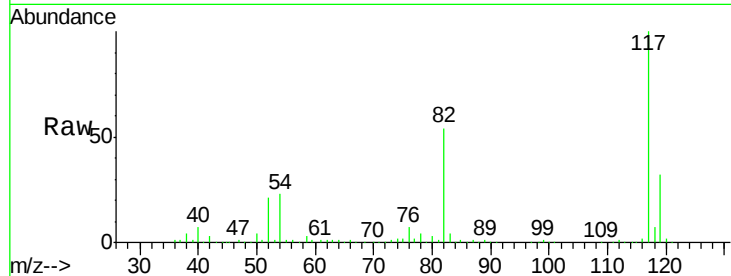
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.5	25.8	38.6

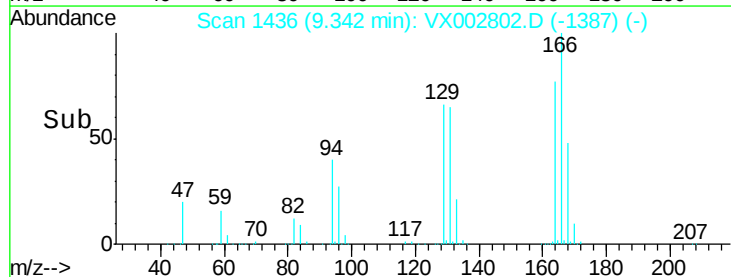
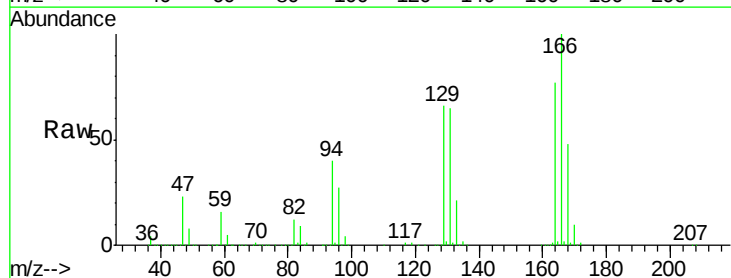
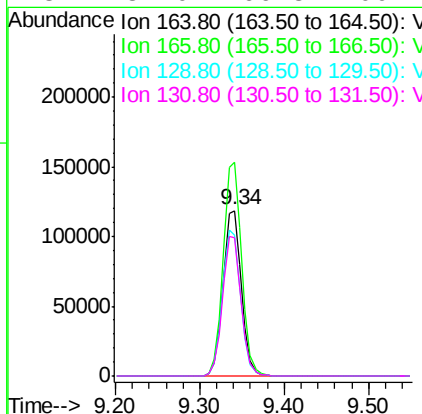
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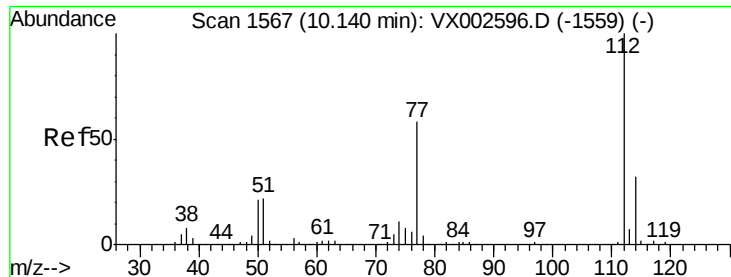
apatel
6/22/2018 1:59:33 PM



#64
Tetrachloroethene
Concen: 50.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.9	154.3
129	85.3	68.6	102.8
131	84.0	66.8	100.2





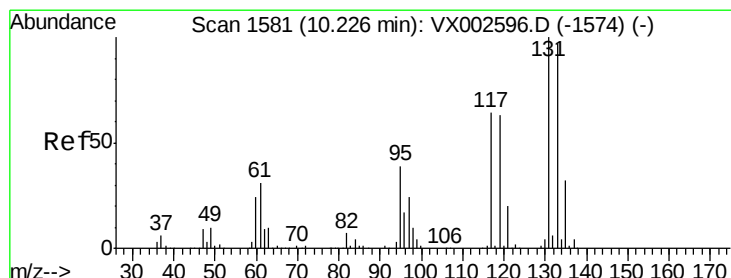
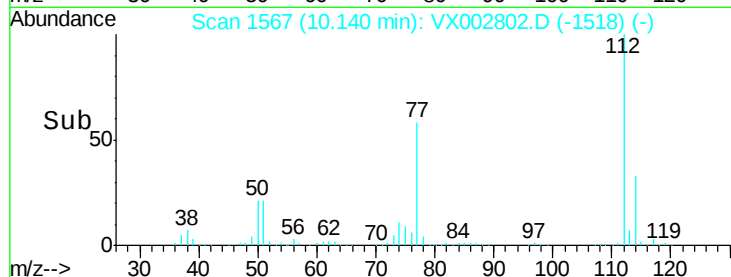
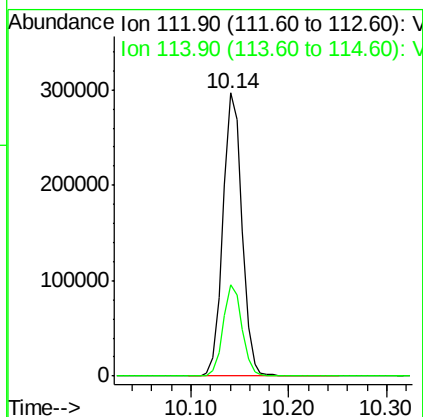
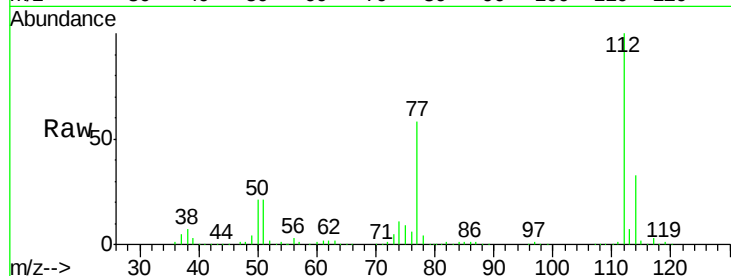
#65
Chlorobenzene
Concen: 51.47 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 401031
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

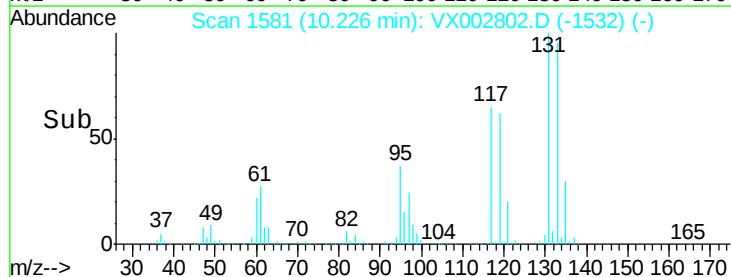
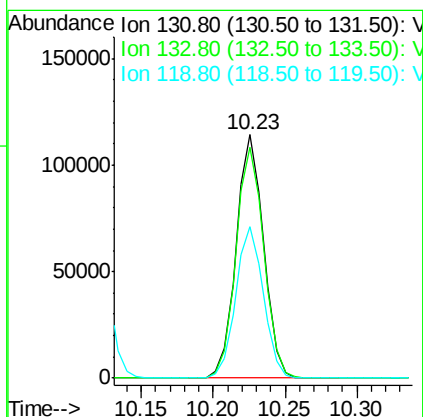
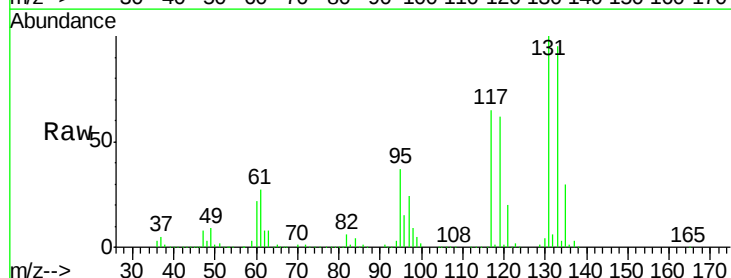
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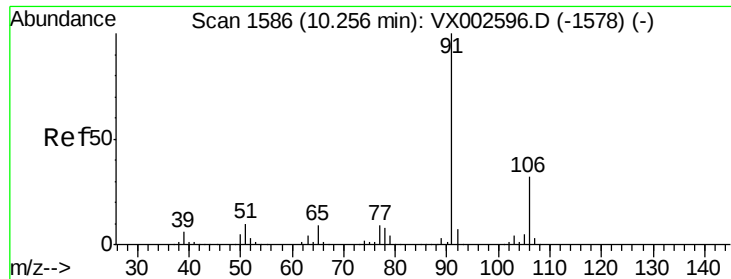
apatel
6/22/2018 1:59:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 57.04 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion:131 Resp: 151522
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 62.7 31.8 95.3





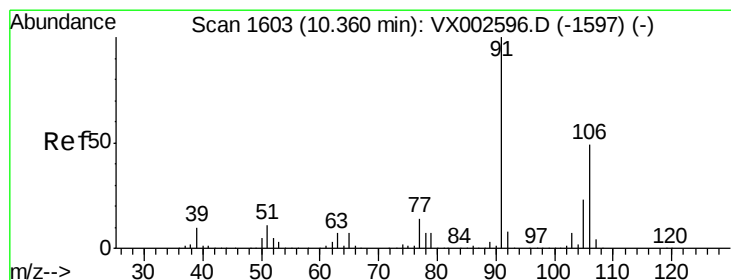
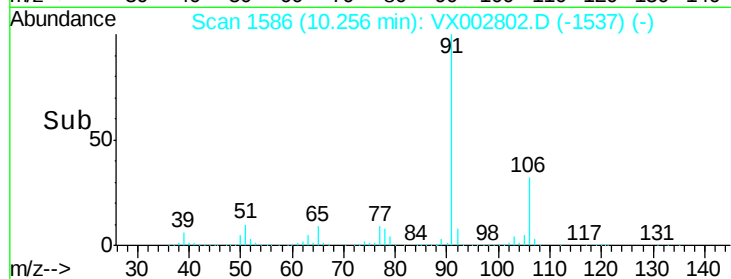
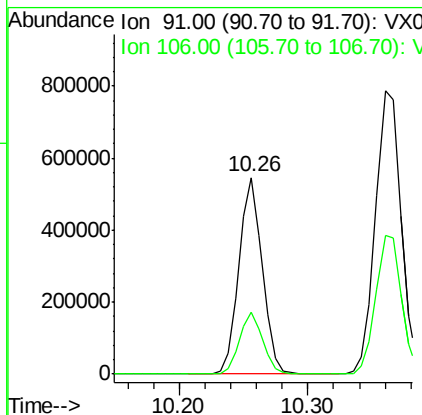
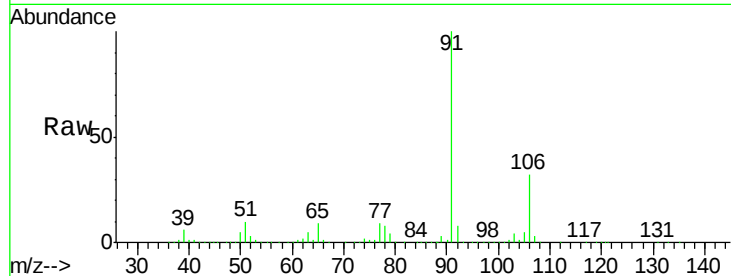
#67
Ethyl Benzene
Concen: 52.19 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 685914
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

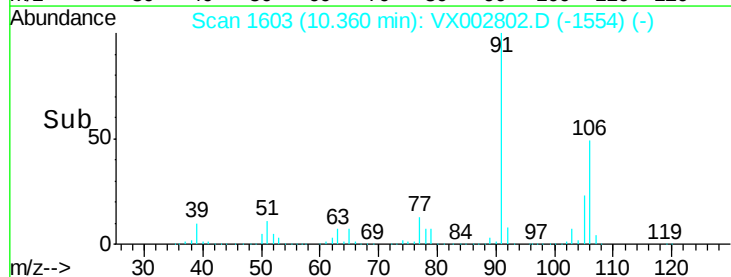
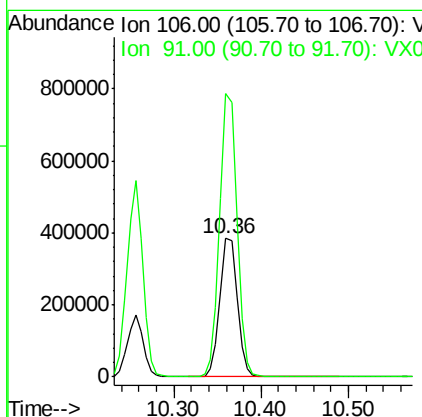
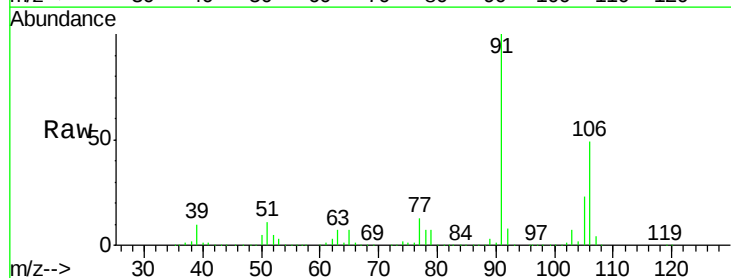
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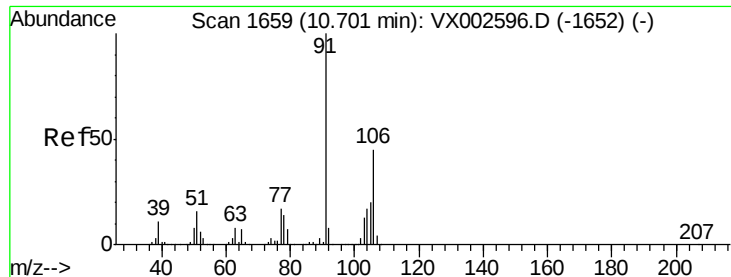
apatel
6/22/2018 1:59:33 PM



#68
m/p-Xylenes
Concen: 104.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion: 106 Resp: 531783
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2





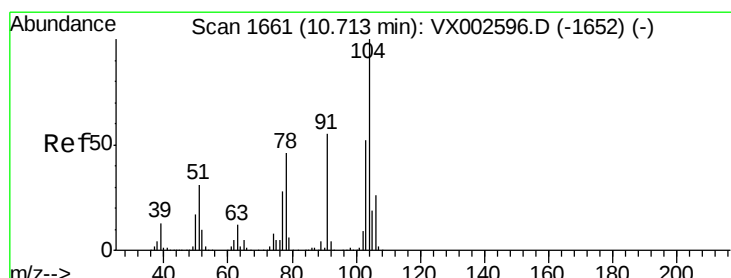
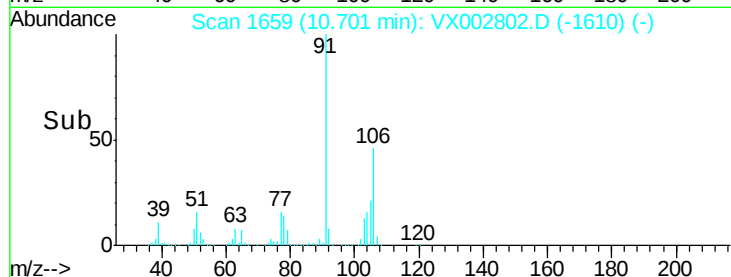
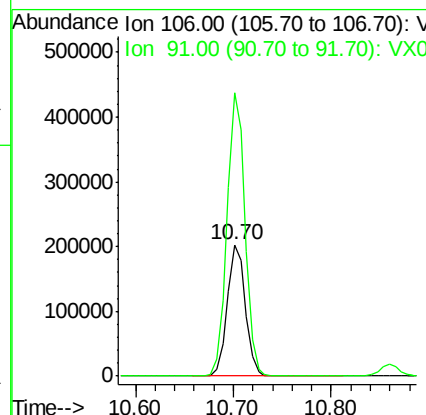
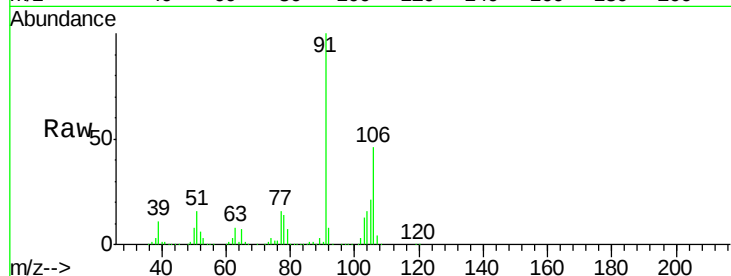
#69
o-Xylene
Concen: 52.06 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.2	108.2	324.6		

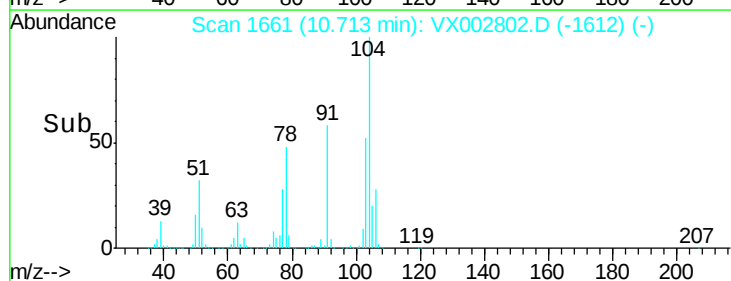
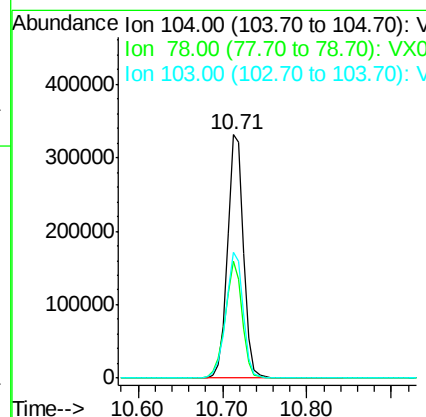
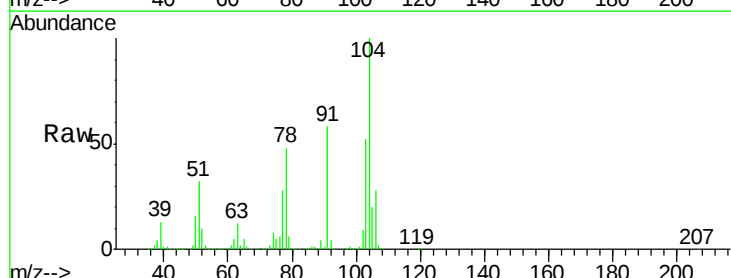
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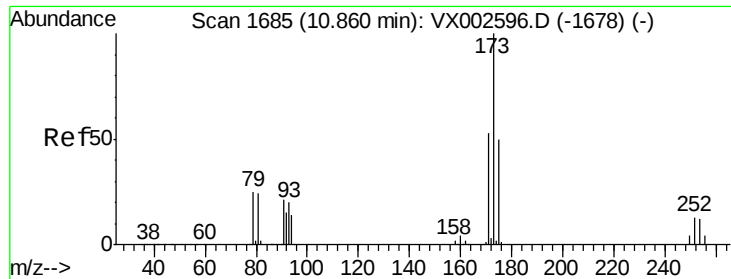
apatel
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#70
Styrene
Concen: 53.13 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.9	41.0	61.6		
103	55.9	44.2	66.4		





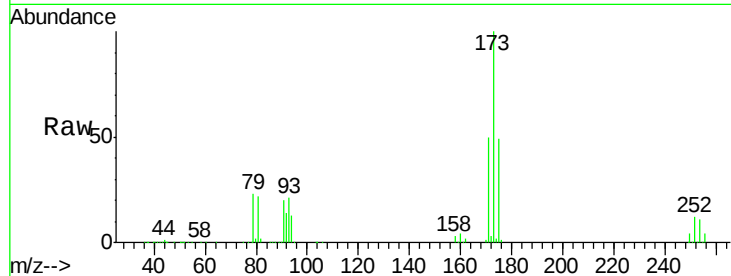
#71
Bromoform
Concen: 51.22 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.7	74.1
254	0.2	0.2	0.2

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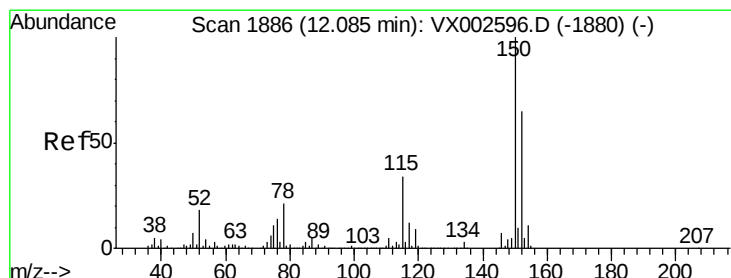
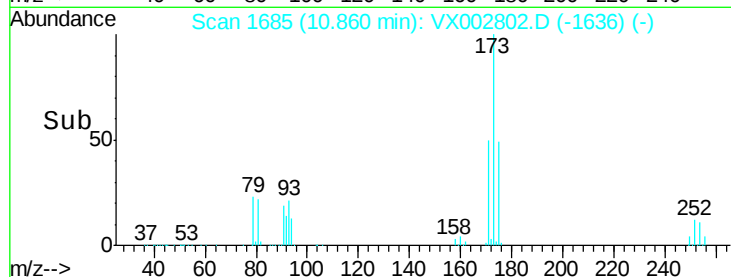
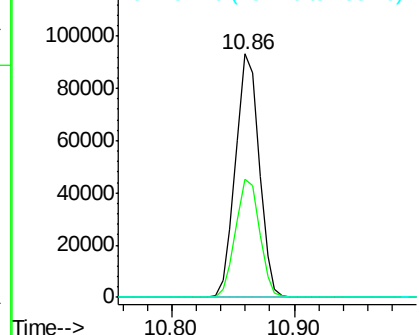


Abundance

Ion 172.70 (172.40 to 173.40): V

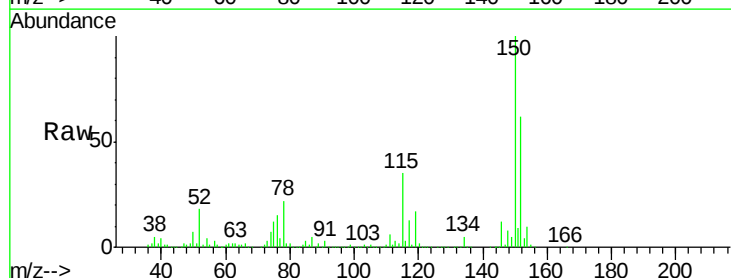
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	40.1	120.2
150	175.2	0.0	347.2

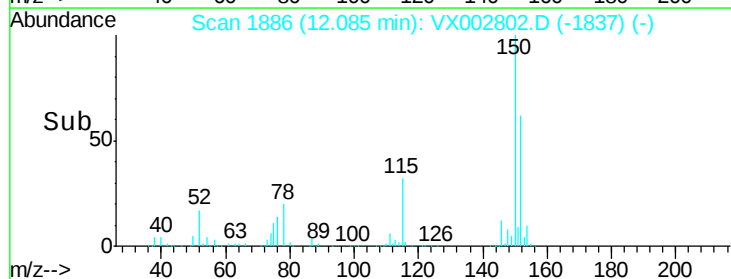
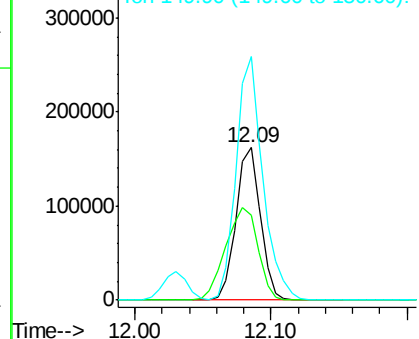


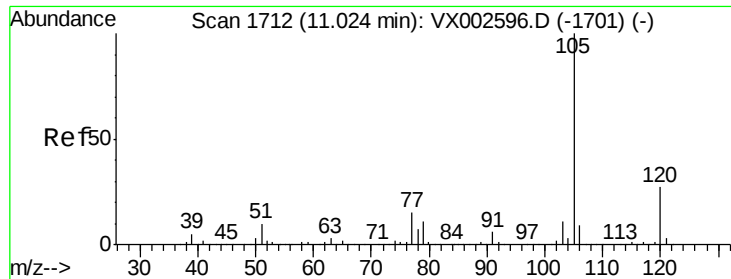
Abundance

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: 52.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 712931

Ion Ratio Lower Upper

105 100

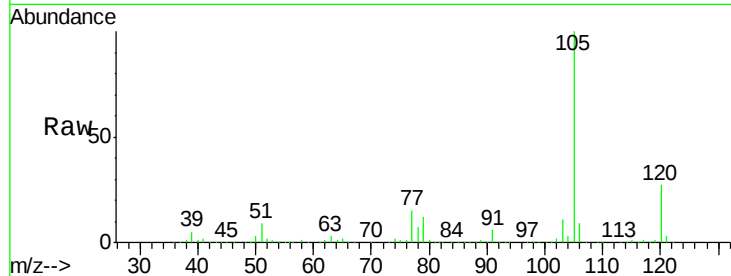
120 26.8 13.5 40.4

Manual Integrations

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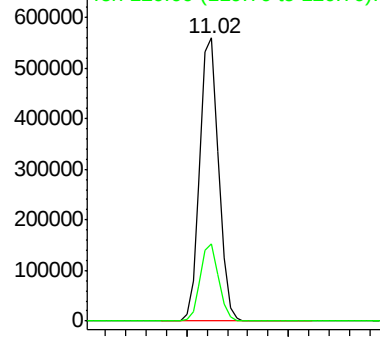
apatel

6/22/2018 1:59:33 PM

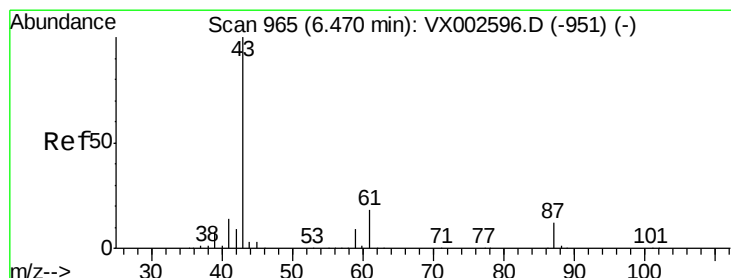
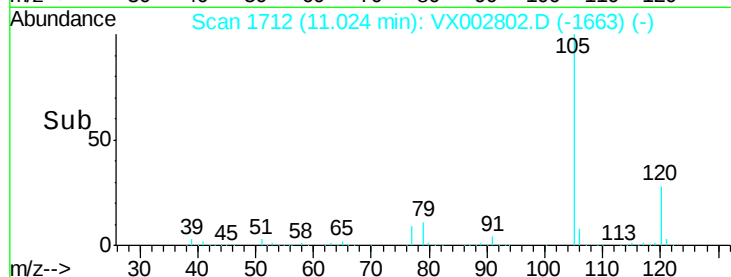


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 49.42 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion: 43 Resp: 331570

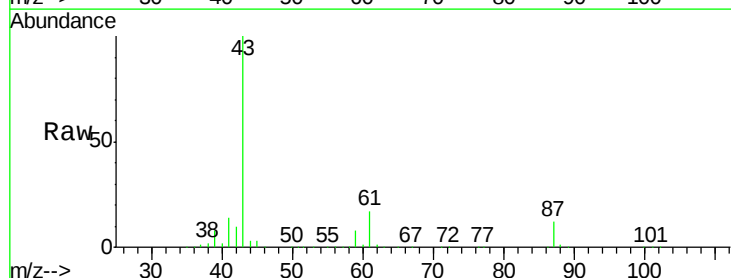
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

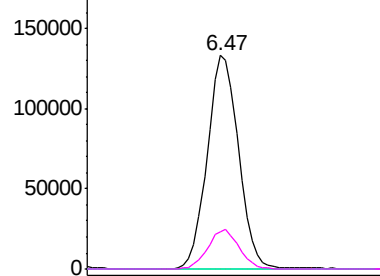


Abundance Ion 43.00 (42.70 to 43.70): VX0

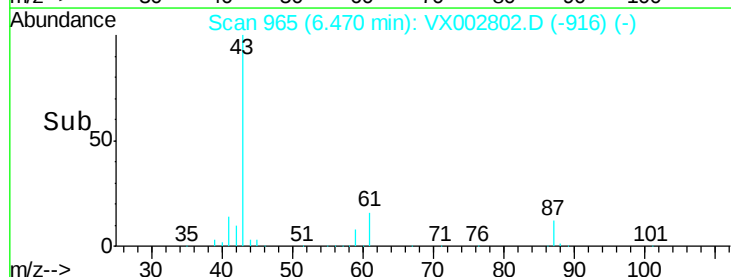
Ion 70.00 (69.70 to 70.70): VX0

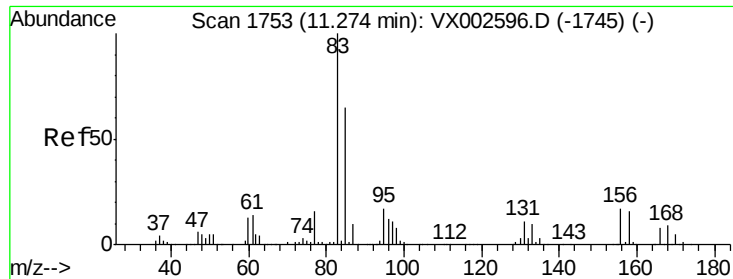
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 219063

Ion Ratio Lower Upper

83 100

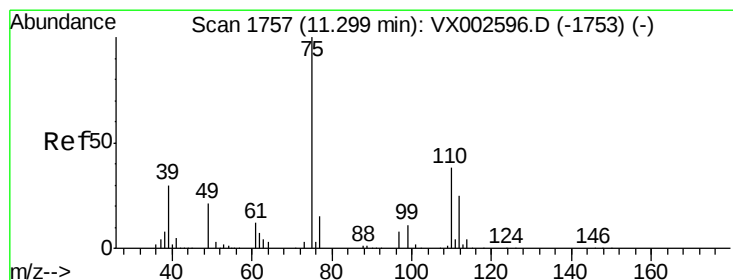
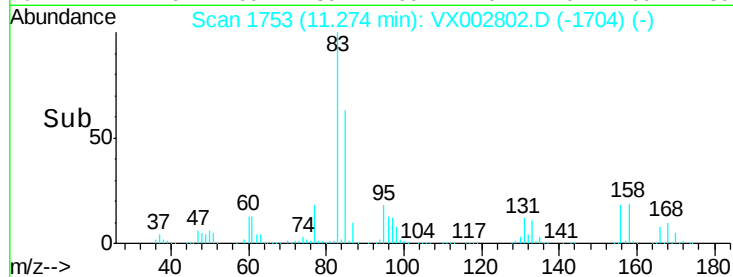
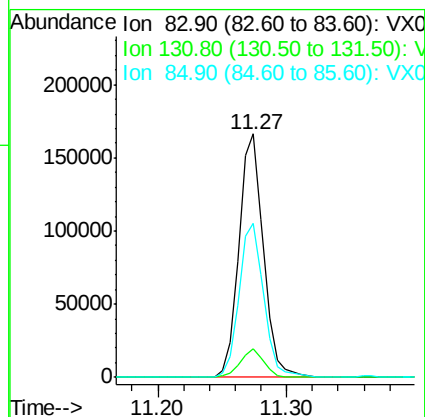
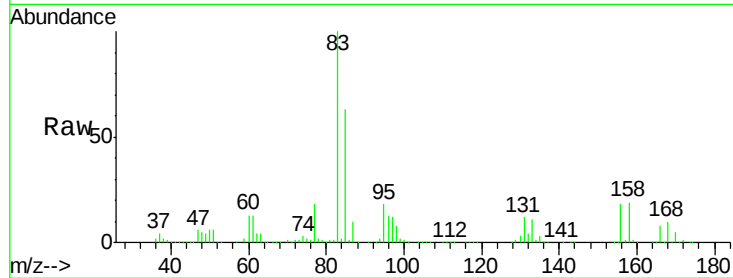
131 11.3 5.6 16.8

85 64.0 32.4 97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 56.64 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002802.D

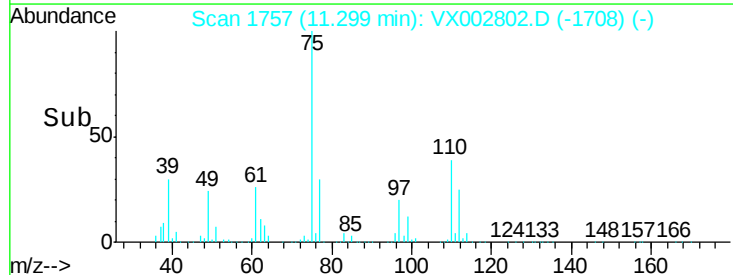
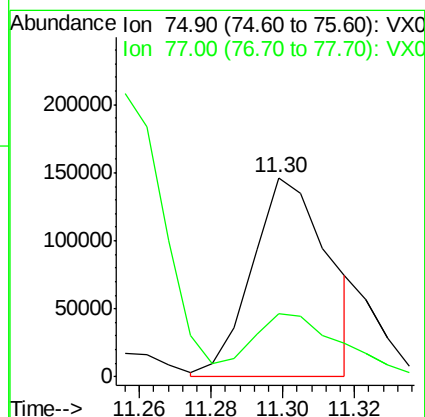
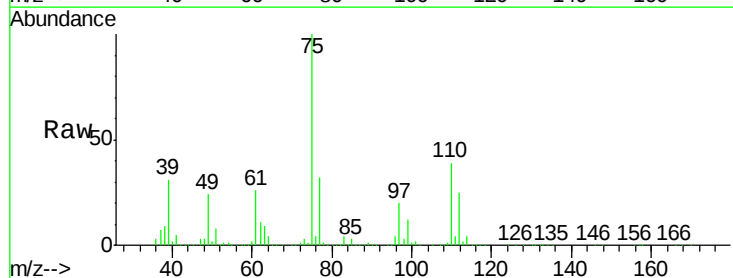
Acq: 21 Jun 2018 21:22

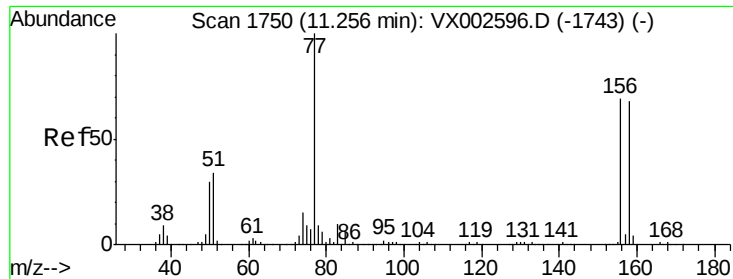
Tgt Ion: 75 Resp: 215777

Ion Ratio Lower Upper

75 100

77 37.5 22.8 68.3





#77

Bromobenzene

Concen: 52.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

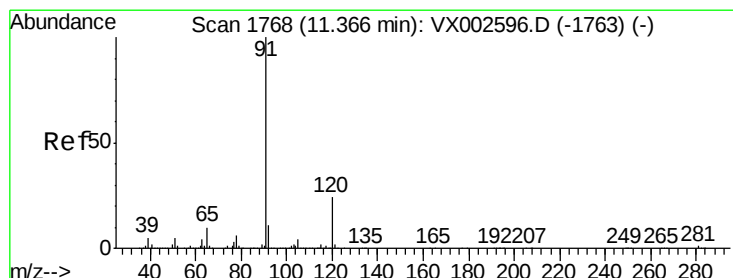
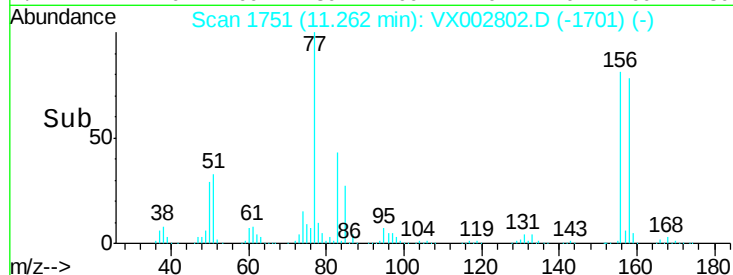
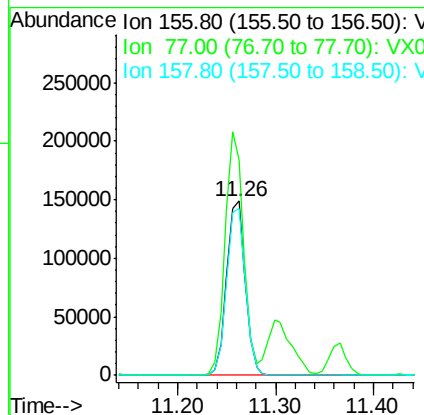
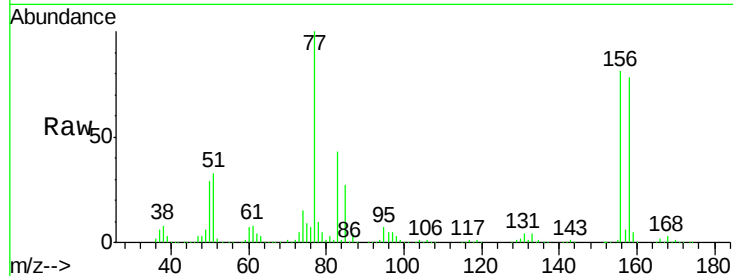
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	197181
Ion Ratio	Lower	Upper	
156	100		
77	137.3	71.4	214.2
158	96.9	48.9	146.6

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#78

n-propylbenzene

Concen: 52.02 ug/l

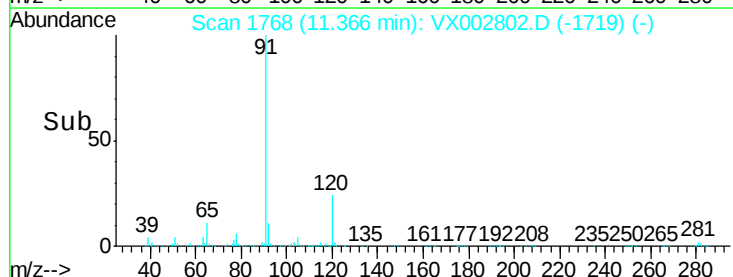
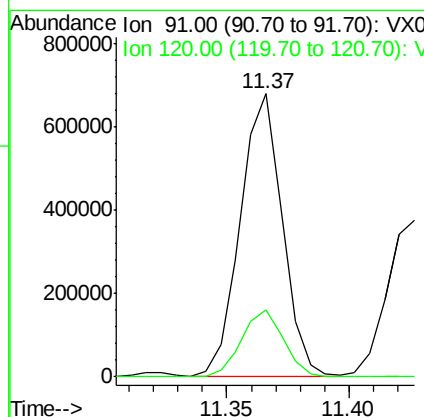
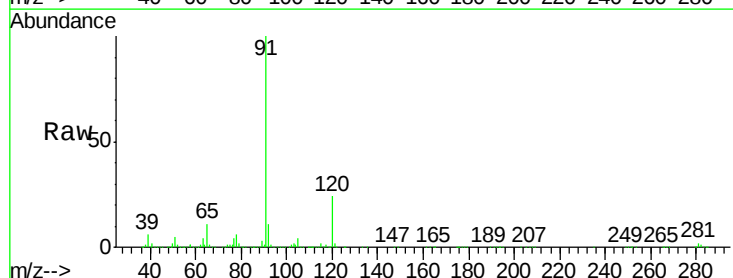
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	91	Resp:	805604
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.4





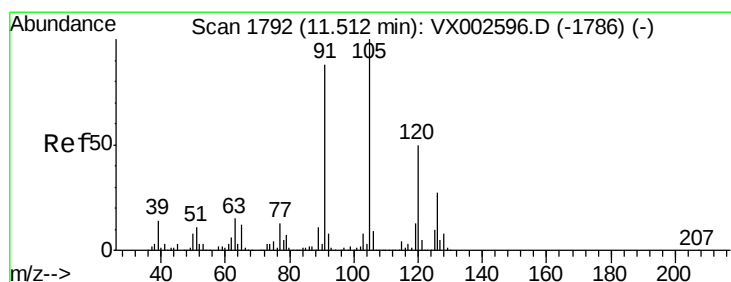
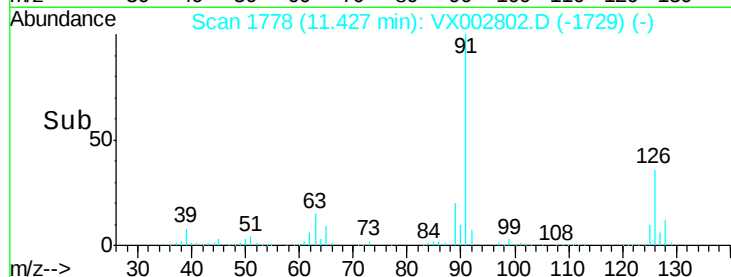
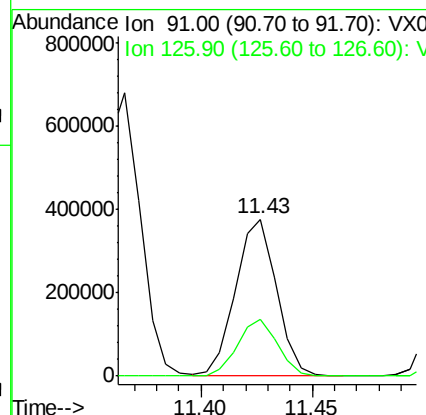
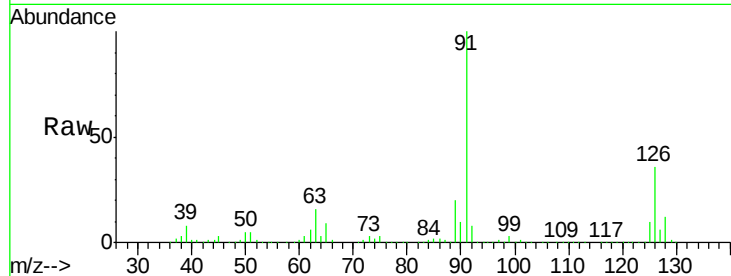
#79
 2-Chlorotoluene
 Concen: 51.88 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 479695
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1

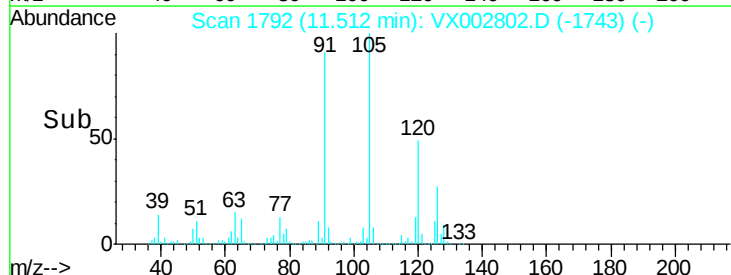
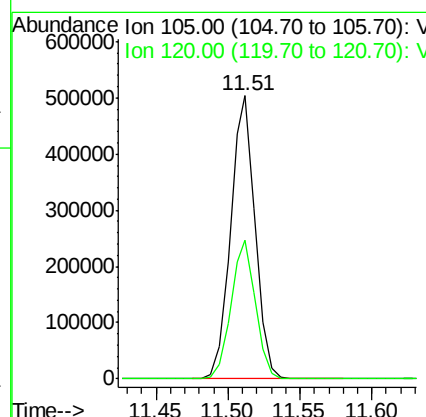
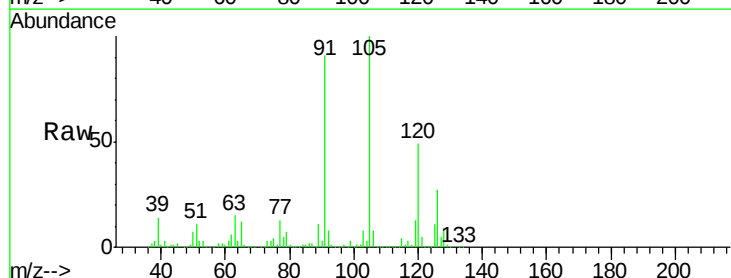
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.61 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion: 105 Resp: 600363
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4





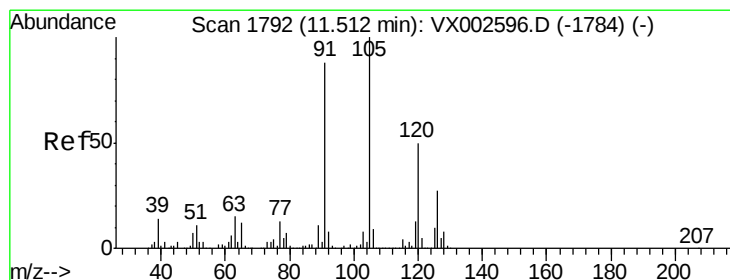
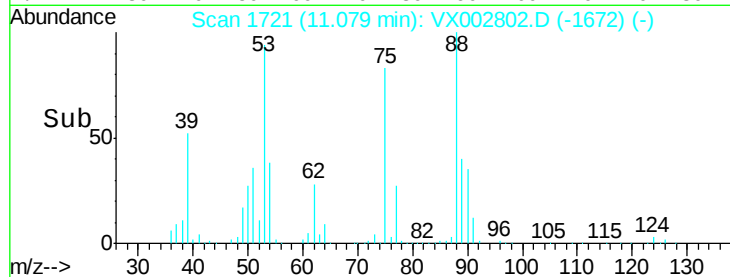
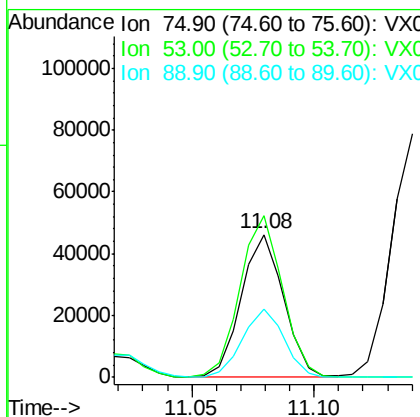
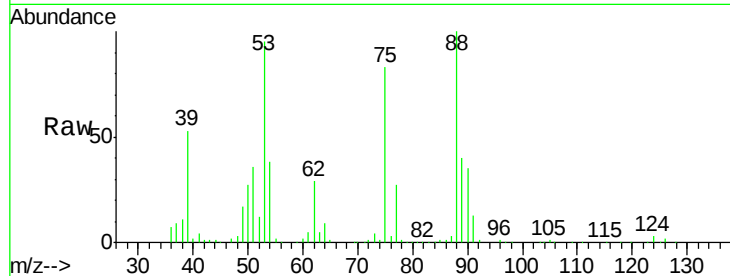
#81
trans-1,4-Dichloro-2-butene
Concen: 46.58 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.5	86.8	130.2
89	48.3	38.2	57.2

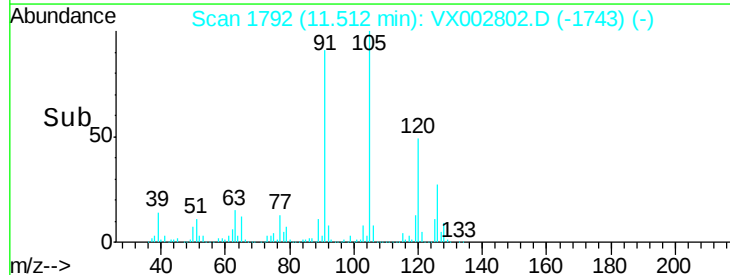
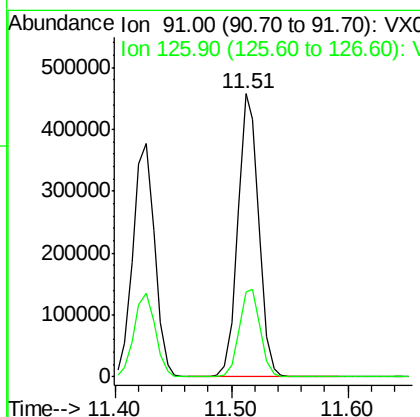
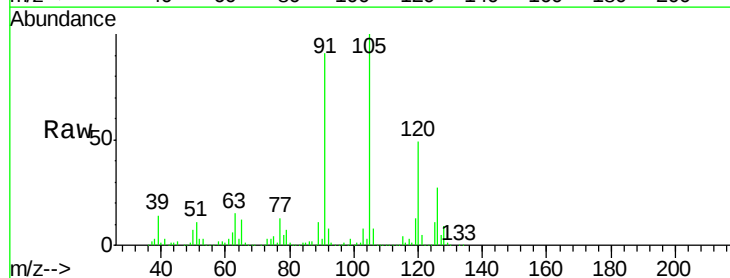
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#82
4-Chlorotoluene
Concen: 52.19 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4





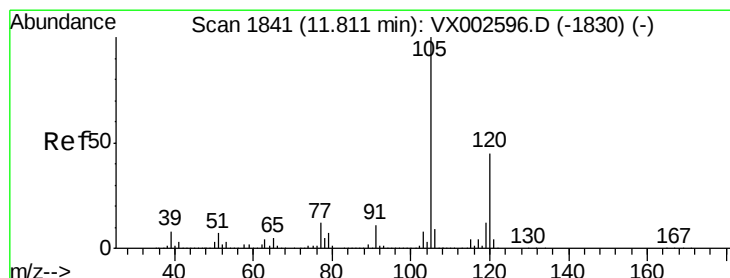
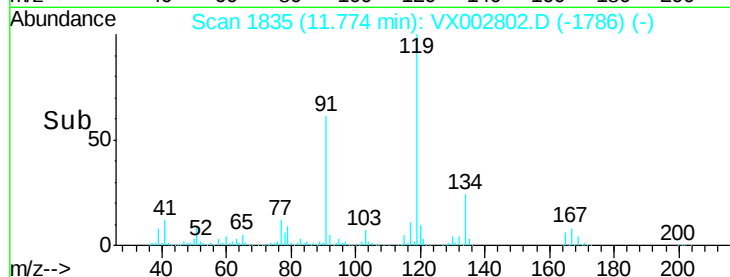
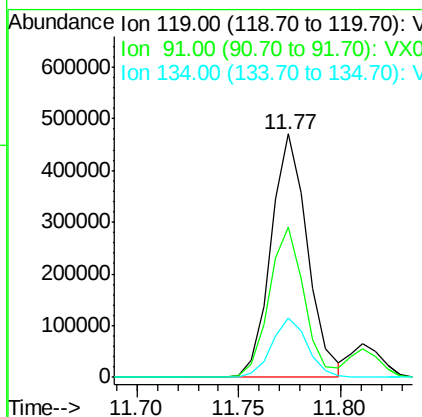
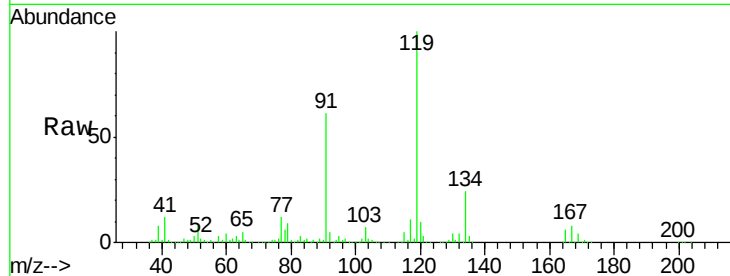
#83
tert-Butylbenzene
Concen: 53.32 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	586104		
91	59.5		30.3	90.9
134	23.8		11.7	35.1

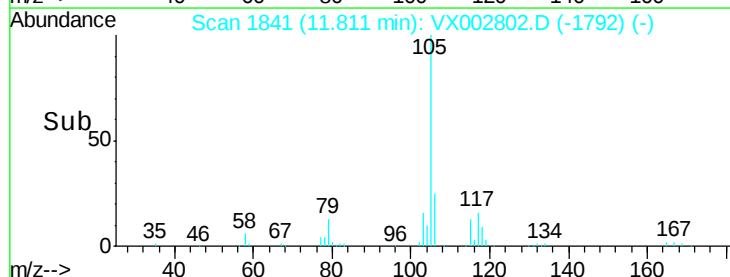
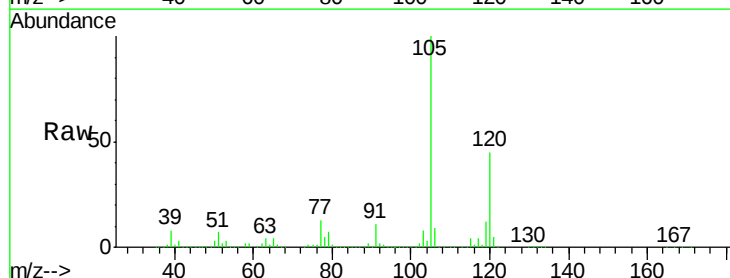
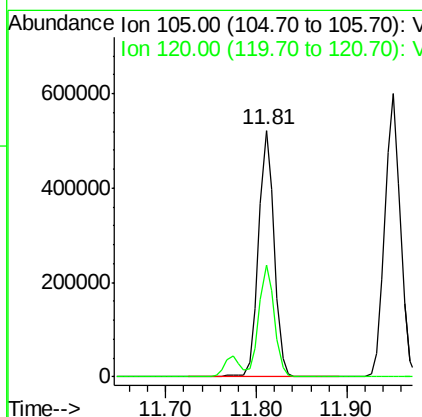
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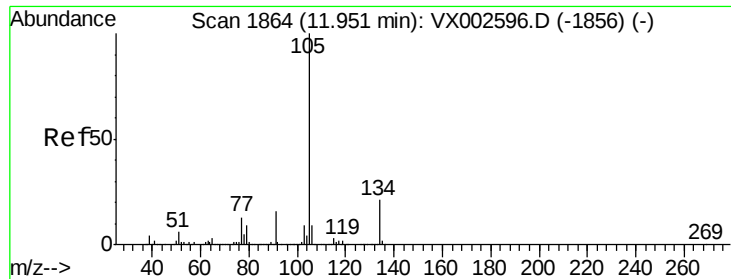
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#84
1,2,4-Trimethylbenzene
Concen: 53.31 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620704		
120	45.2		22.3	66.8





#85

sec-Butylbenzene

Concen: 52.20 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 713488

Ion Ratio Lower Upper

105 100

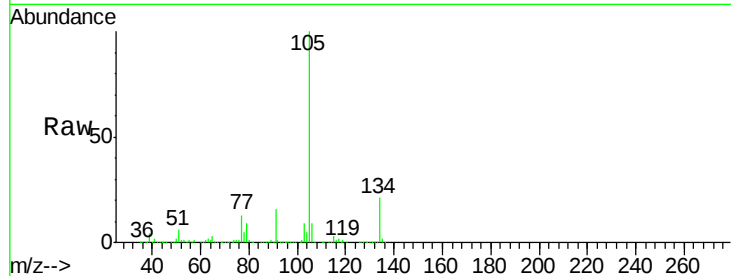
134 20.8 10.4 31.1

Manual Integrations

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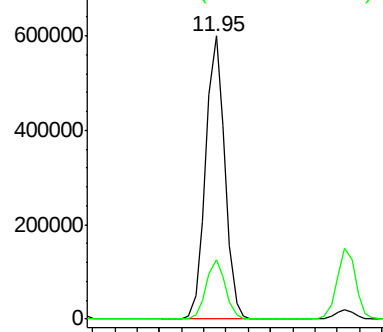
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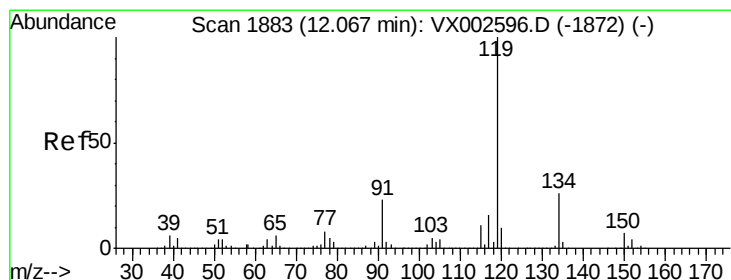
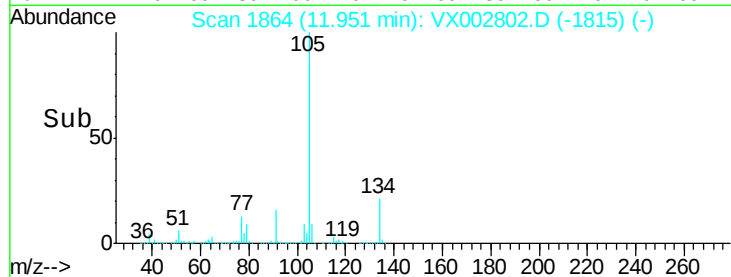


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 52.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

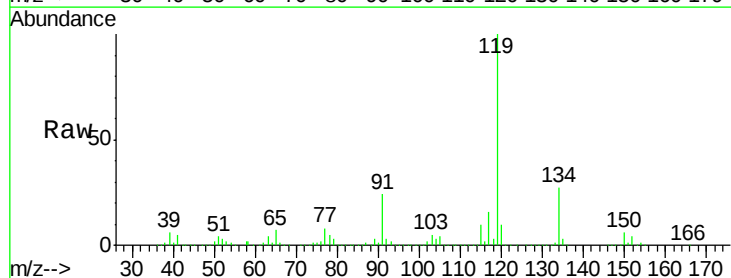
Tgt Ion:119 Resp: 649985

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

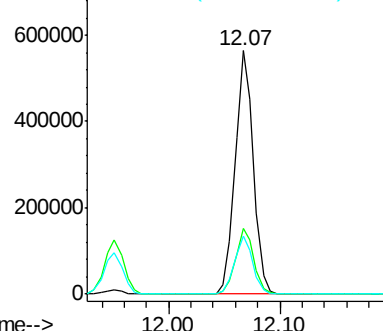
91 23.5 11.9 35.7



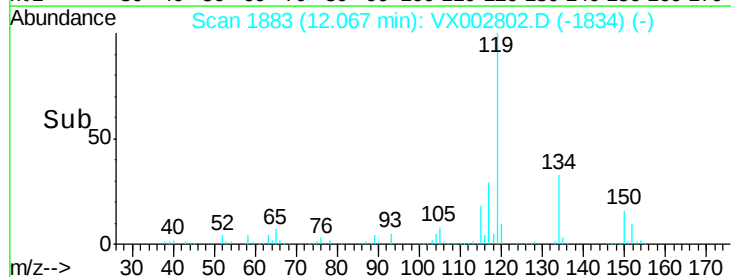
Abundance Ion 119.00 (118.70 to 119.70): V

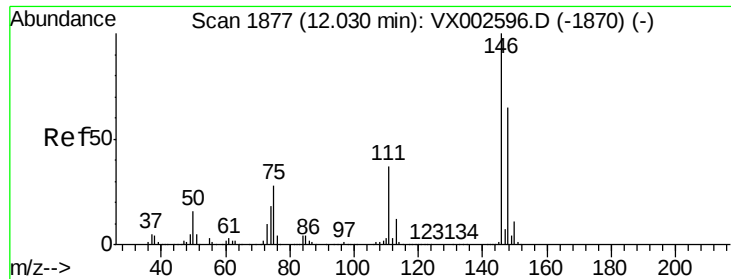
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





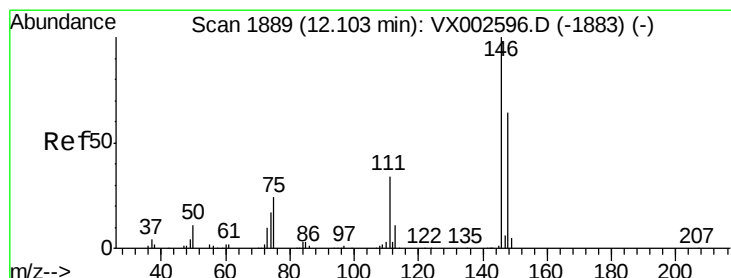
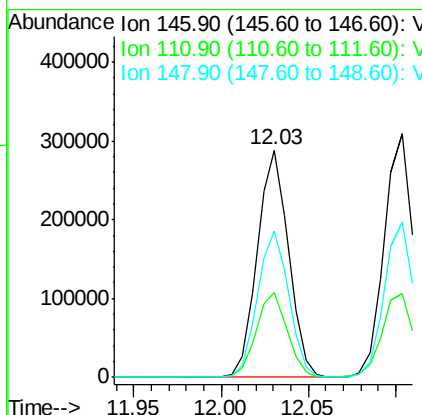
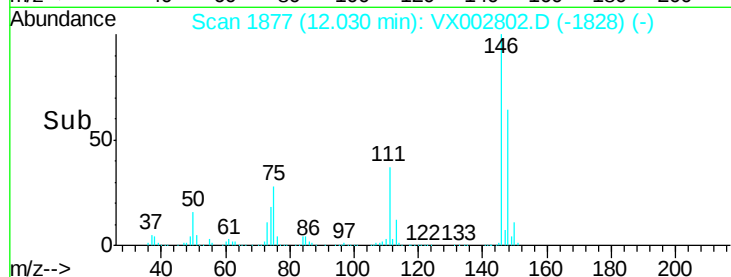
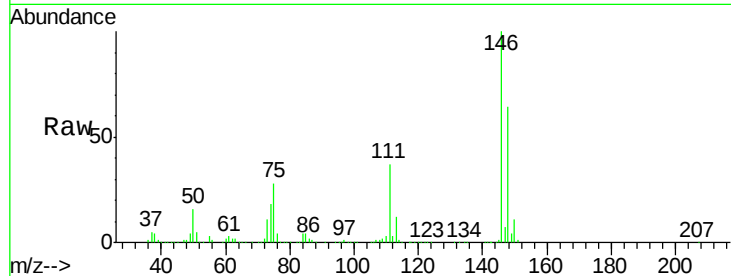
#87
 1,3-Dichlorobenzene
 Concen: 51.96 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.6	32.1	96.3

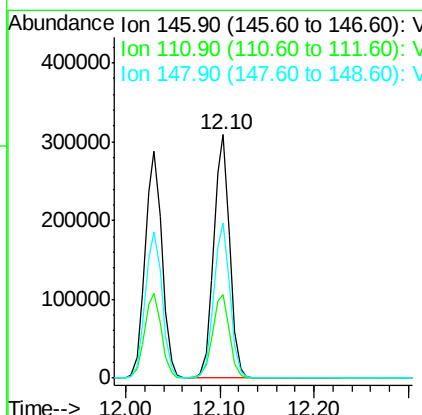
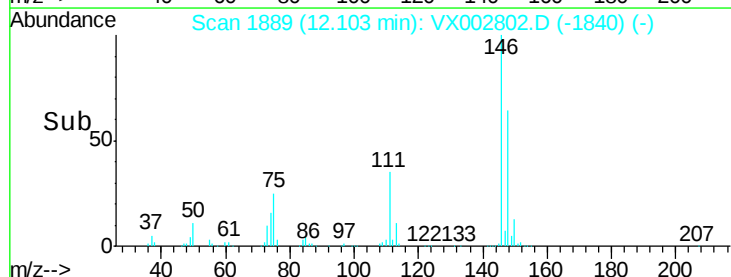
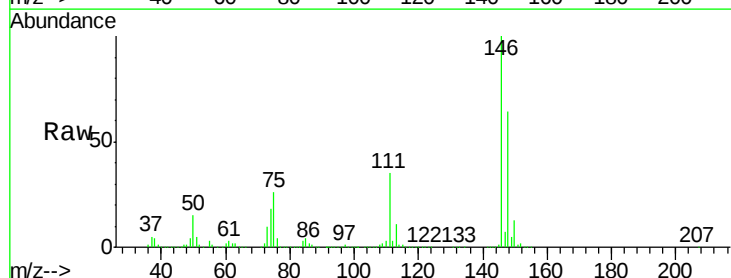
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#88
 1,4-Dichlorobenzene
 Concen: 51.60 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	64.3	32.4	97.0





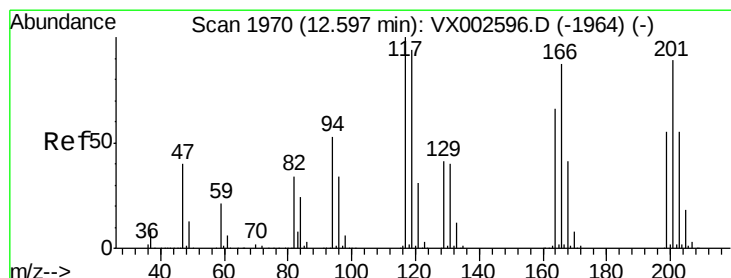
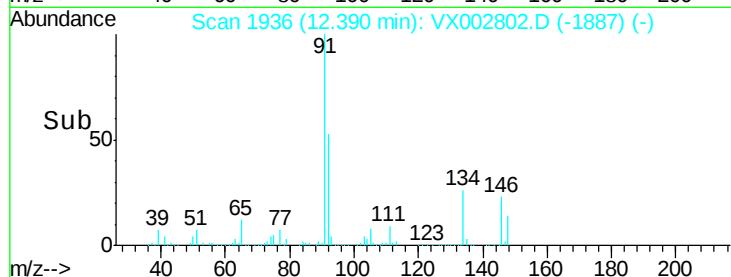
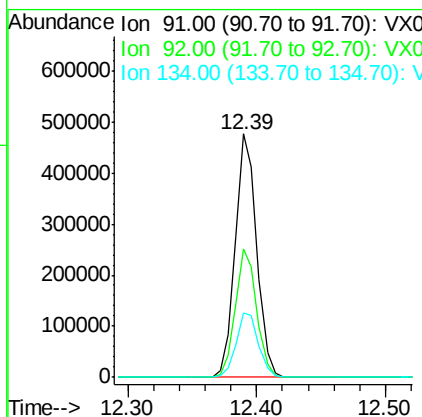
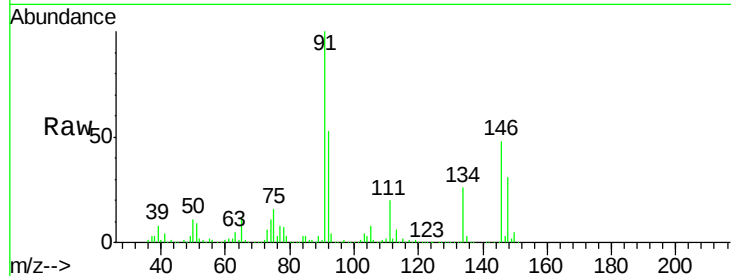
#89
n-Butylbenzene
Concen: 50.82 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	27.4	13.5	40.5

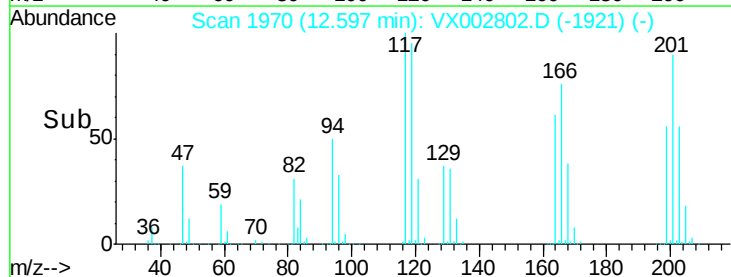
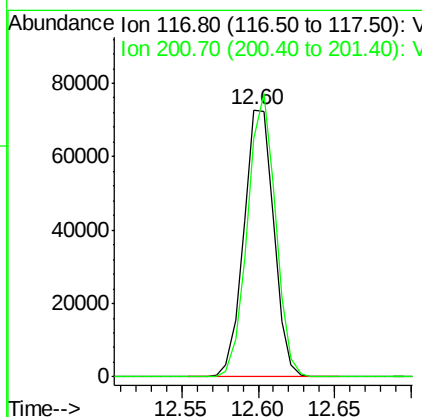
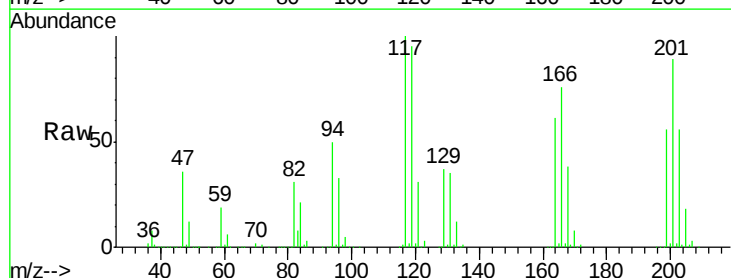
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#90
Hexachloroethane
Concen: 51.18 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.2	49.0	147.0





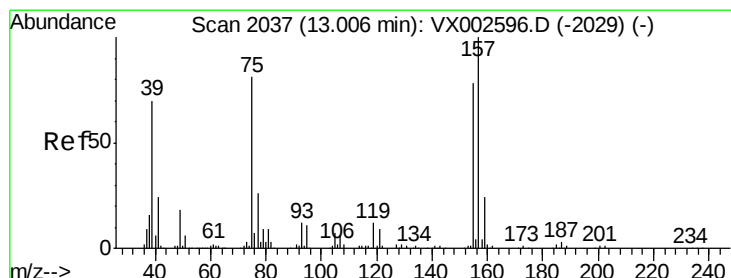
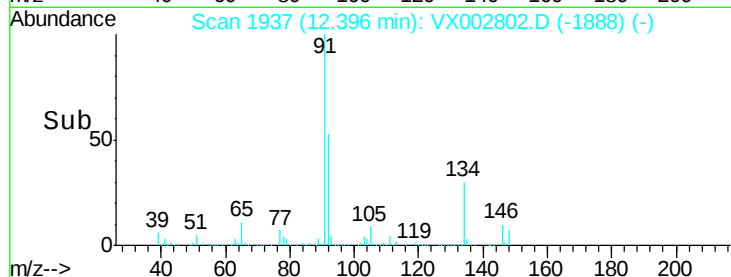
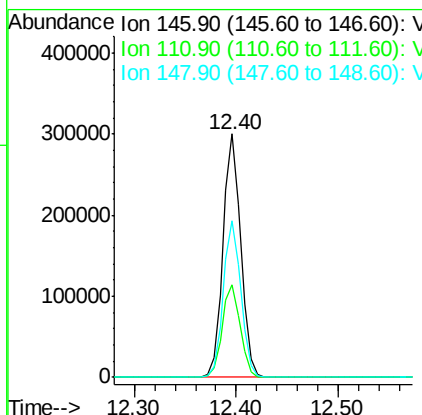
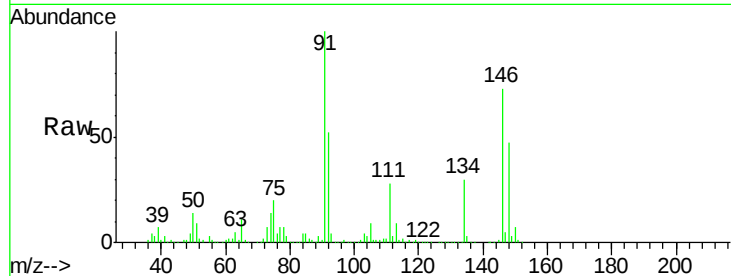
#91
1,2-Dichlorobenzene
Concen: 52.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	63.9	31.7	95.1

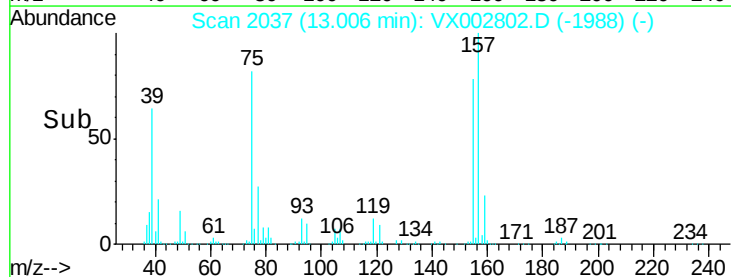
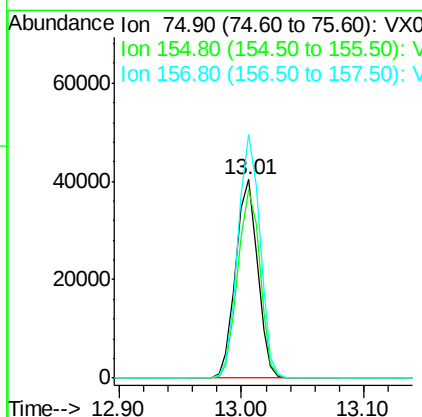
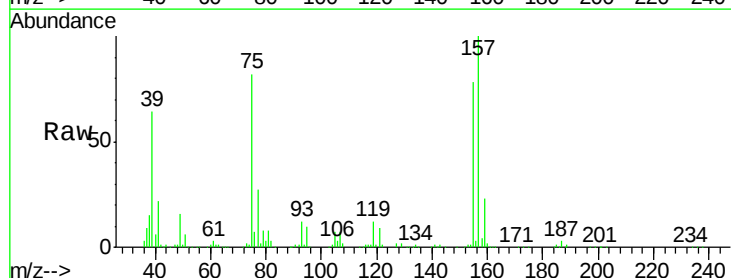
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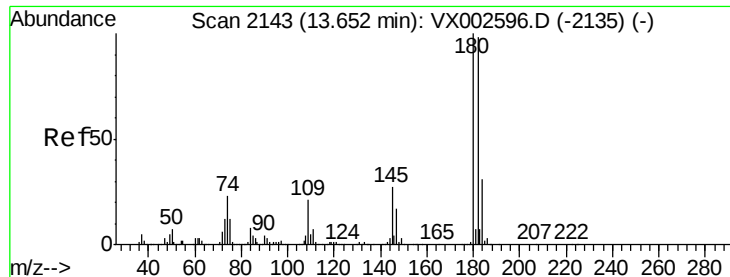
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#92
1,2-Dibromo-3-Chloropropane
Concen: 60.01 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX002802.D
Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	45.8	137.4
157	122.8	60.1	180.3





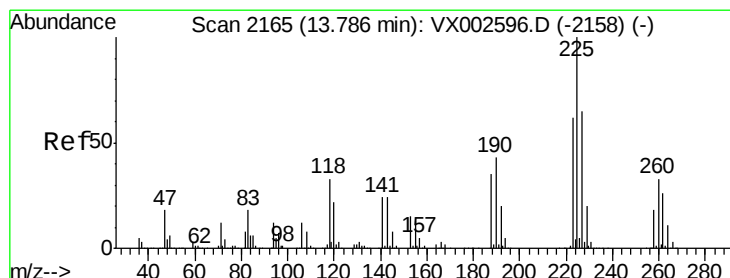
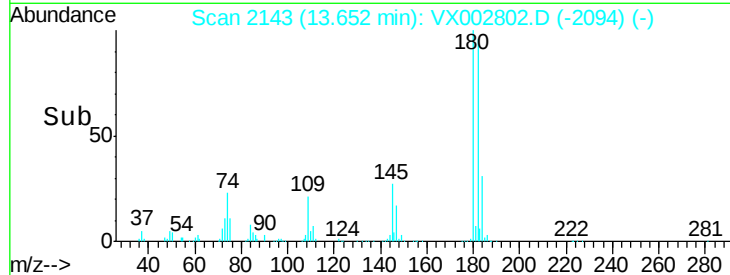
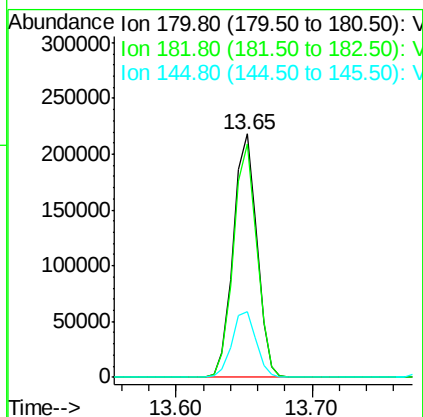
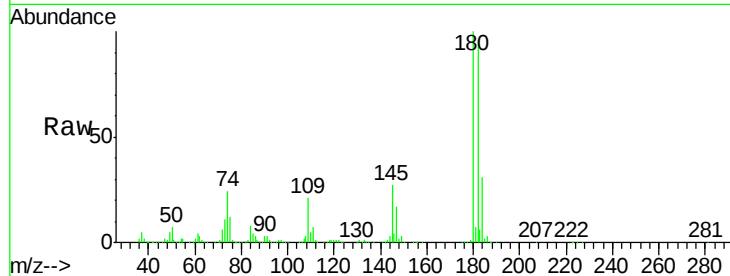
#93
 1,2,4-Trichlorobenzene
 Concen: 52.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	263797		
182	95.4	47.7	143.1	
145	27.7	14.1	42.4	

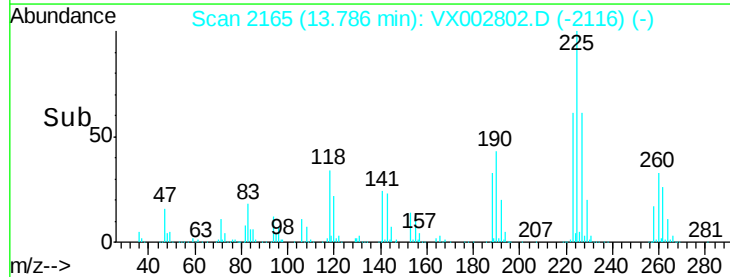
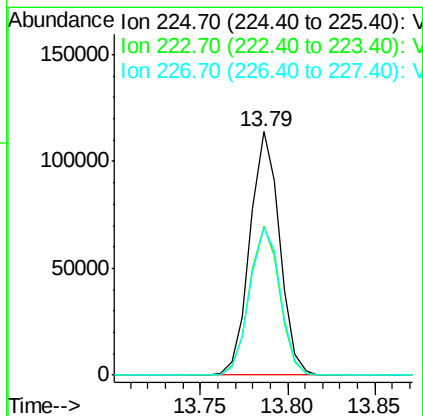
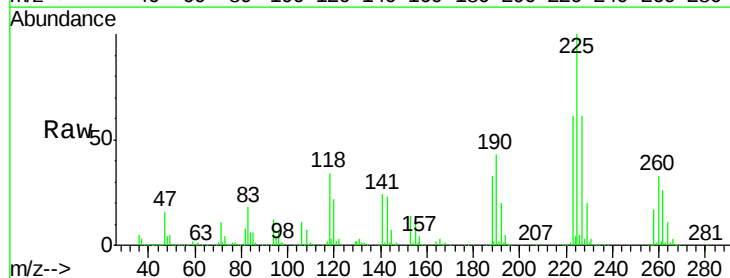
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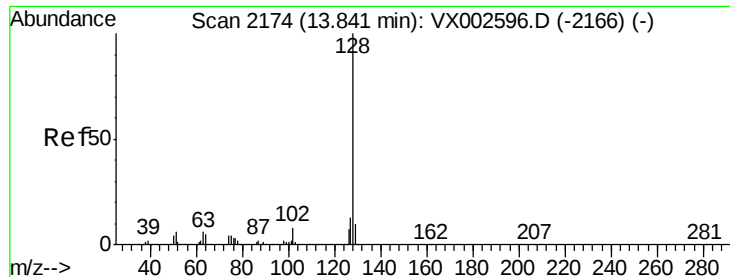
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#94
 Hexachlorobutadiene
 Concen: 50.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002802.D
 Acq: 21 Jun 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134958		
223	62.2	31.6	95.0	
227	63.0	32.4	97.2	





#95

Naphthalene

Concen: 55.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Instrument :

MSVOA_X

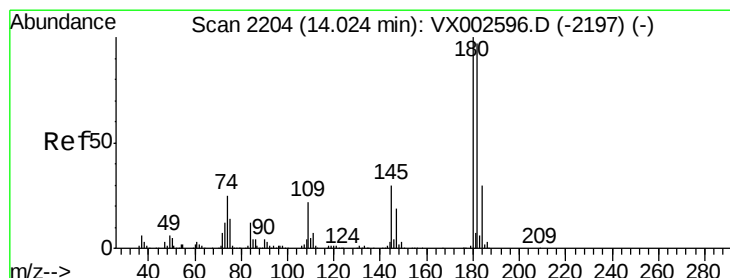
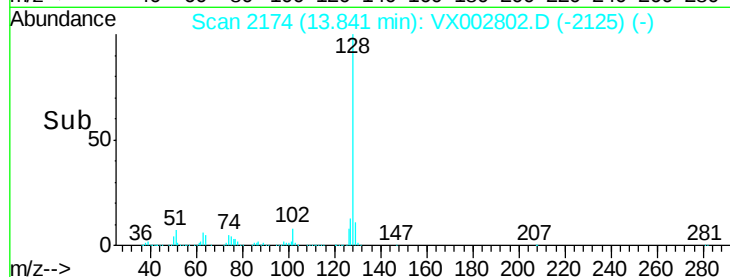
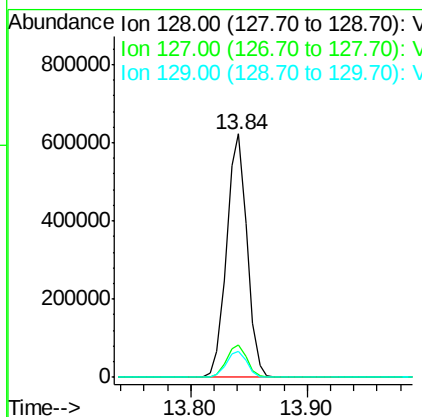
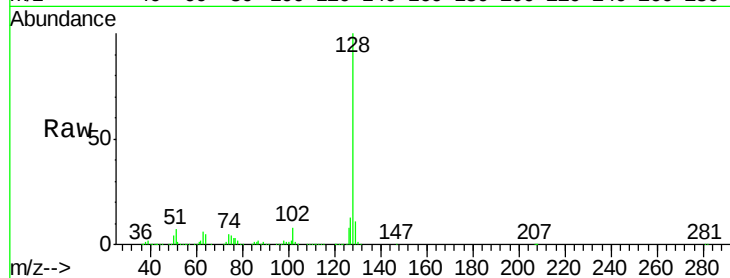
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	753012
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
6/22/2018 1:59:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.31 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002802.D

Acq: 21 Jun 2018 21:22

Tgt Ion:	180	Resp:	269819
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.0	144.0
145	30.0	14.8	44.3

