

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002792.D
 Acq On : 21 Jun 2018 16:56
 Operator : JC/MD
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:59:26 PM

Quant Time: Jun 22 01:52:37 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	238440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149685	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
35) Dibromofluoromethane	5.51	113	120514	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.72	98	429734	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
62) 4-Bromofluorobenzene	11.14	95	161844	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48192	19.04	ug/l	100
3) Chloromethane	1.32	50	49744	16.52	ug/l	98
4) Vinyl Chloride	1.40	62	55153	17.65	ug/l	99
5) Bromomethane	1.64	94	26358	13.98	ug/l	98
6) Chloroethane	1.72	64	36194	17.57	ug/l	100
7) Trichlorofluoromethane	1.93	101	95325	18.78	ug/l	99
8) Diethyl Ether	2.19	74	34047	17.63	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54206	19.10	ug/l	100
10) Methyl Iodide	2.51	142	44829	15.67	ug/l	99
11) Tert butyl alcohol	3.08	59	63663	84.99	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47389	17.79	ug/l	99
13) Acrolein	2.29	56	24744	75.39	ug/l	98
14) Allyl chloride	2.73	41	93535	17.68	ug/l	98
15) Acrylonitrile	3.15	53	144807	88.59	ug/l	98
16) Acetone	2.45	43	133748	83.67	ug/l	99
17) Carbon Disulfide	2.57	76	122734	19.42	ug/l	98
18) Methyl Acetate	2.78	43	87269	20.49	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	174266	17.44	ug/l	100
20) Methylene Chloride	2.86	84	54323	16.57	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	51057	17.66	ug/l	97
22) Diisopropyl ether	3.88	45	176298	18.42	ug/l	99
23) Vinyl Acetate	3.83	43	731289	91.29	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100488	19.34	ug/l	99
25) 2-Butanone	4.71	43	203309	96.84	ug/l	97
26) 2,2-Dichloropropane	4.59	77	72157	19.33	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55907	19.01	ug/l	93
28) Bromochloromethane	5.02	49	39859	16.39	ug/l	96
29) Tetrahydrofuran	5.17	42	129117	93.84	ug/l	96
30) Chloroform	5.22	83	99308	19.83	ug/l	98
31) Cyclohexane	5.57	56	81595	19.08	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	85630	20.44	ug/l	100
36) 1,1-Dichloropropene	5.80	75	71480	20.51	ug/l	100
37) Ethyl Acetate	4.87	43	78406	19.87	ug/l	99
38) Carbon Tetrachloride	5.79	117	75728	21.82	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	81329	19.96	ug/l	97
40) Benzene	6.15	78	210995	20.19	ug/l	99
41) Methacrylonitrile	5.07	41	44636	20.04	ug/l	96
42) 1,2-Dichloroethane	6.21	62	83684	20.68	ug/l	100
43) Isopropyl Acetate	6.47	43	127192	19.46	ug/l	99
44) Trichloroethene	7.22	130	61712	20.46	ug/l	97
45) 1,2-Dichloropropane	7.52	63	54653	19.87	ug/l	98
46) Dibromomethane	7.67	93	38068	20.69	ug/l	99
47) Bromodichloromethane	7.90	83	69578	21.44	ug/l	97
48) Methyl methacrylate	7.78	41	67165	20.11	ug/l	99
49) 1,4-Dioxane	7.76	88	24534	387.83	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	426963	101.73	ug/l	99
52) Toluene	8.79	92	134664	20.20	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	78907	19.88	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	71862	19.62	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56554	20.99	ug/l	98
56) Ethyl methacrylate	9.18	69	81976	19.77	ug/l	98
57) 1,3-Dichloropropane	9.38	76	91740	20.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	166098	82.83	ug/l	99
59) 2-Hexanone	9.50	43	321312	101.59	ug/l	99
60) Dibromochloromethane	9.59	129	55799	20.79	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57947	20.77	ug/l	99
64) Tetrachloroethene	9.34	164	73063	21.00	ug/l	99
65) Chlorobenzene	10.14	112	154892	20.13	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	57219	21.81	ug/l	99
67) Ethyl Benzene	10.26	91	262205	20.20	ug/l	99
68) m/p-Xylenes	10.36	106	199440	39.83	ug/l	98
69) o-Xylene	10.70	106	97577	19.84	ug/l	100
70) Styrene	10.71	104	161643	19.98	ug/l	99
71) Bromoform	10.86	173	42261	20.82	ug/l #	99
73) Isopropylbenzene	11.02	105	269850	20.72	ug/l	100
74) N-amyl acetate	6.47	43	127192	19.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82468	21.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81828m	22.27	ug/l	
77) Bromobenzene	11.26	156	74165	20.44	ug/l	97
78) n-propylbenzene	11.37	91	304571	20.39	ug/l	99
79) 2-Chlorotoluene	11.43	91	183032	20.53	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	224410	20.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18784	19.17	ug/l	89
82) 4-Chlorotoluene	11.51	91	212113	20.16	ug/l	100
83) tert-Butylbenzene	11.77	119	217048	20.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	232755	20.73	ug/l	99
85) sec-Butylbenzene	11.95	105	268100	20.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	239891	20.11	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	135234	20.33	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136672	20.19	ug/l	100
89) n-Butylbenzene	12.39	91	203228	19.31	ug/l	99
90) Hexachloroethane	12.60	117	33281	19.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	135866	20.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17235	21.40	ug/l	98

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ClientSampleId :
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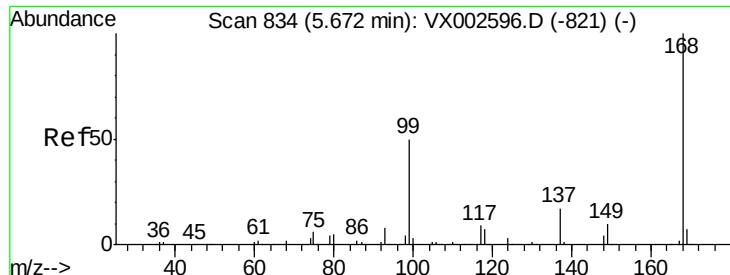
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97050	19.97	ug/l	99
94) Hexachlorobutadiene	13.79	225	51126	19.97	ug/l	99
95) Naphthalene	13.84	128	272284	20.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100310	20.55	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion:168 Resp: 238440

Ion Ratio Lower Upper

168 100

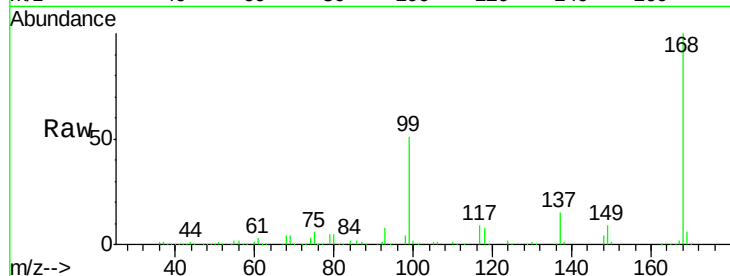
99 51.3 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

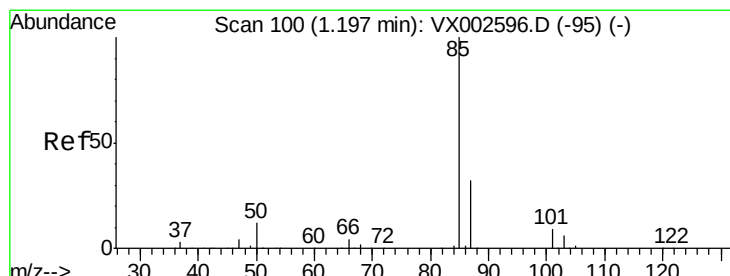
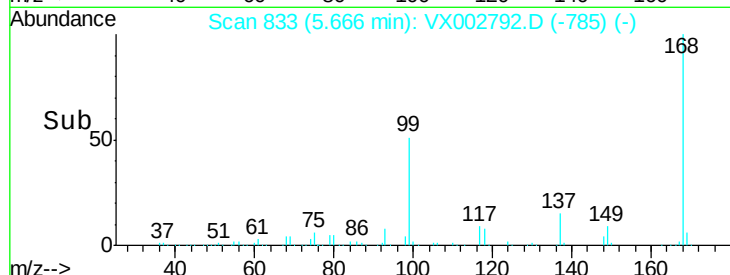
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002792.D

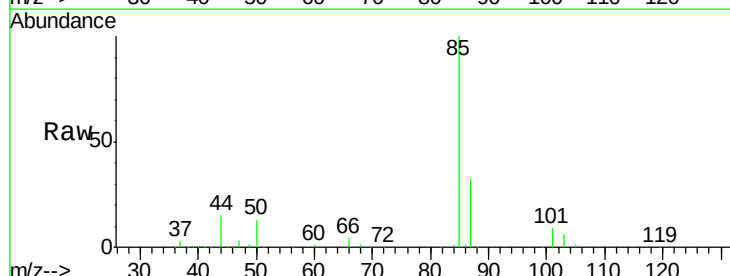
Acq: 21 Jun 2018 16:56

Tgt Ion: 85 Resp: 48192

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

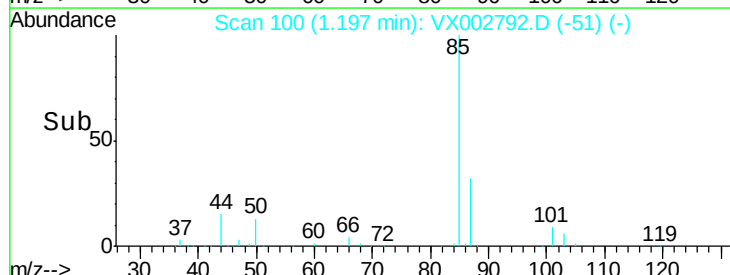
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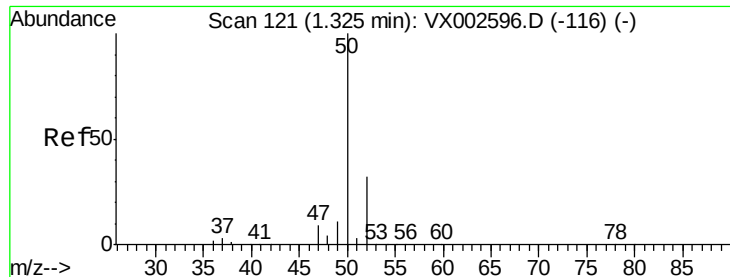
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 50 Resp: 49744

Ion Ratio Lower Upper

50 100

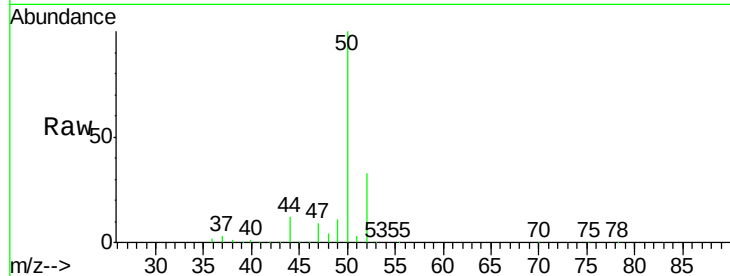
52 33.1 25.7 38.5

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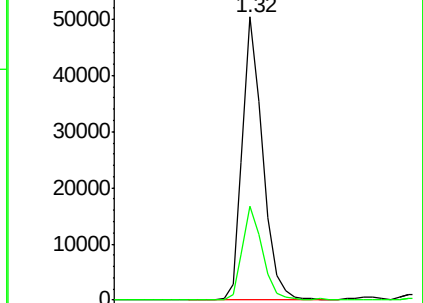
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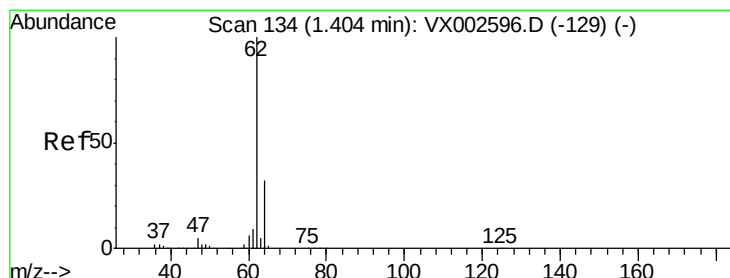
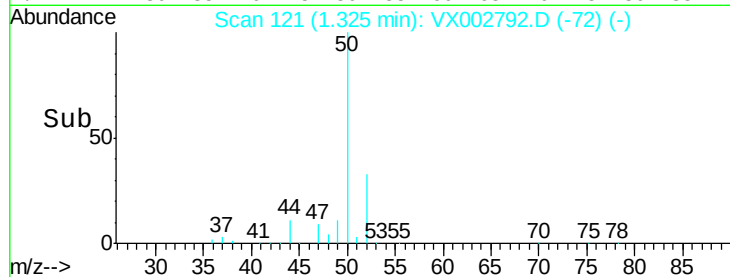


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 17.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002792.D

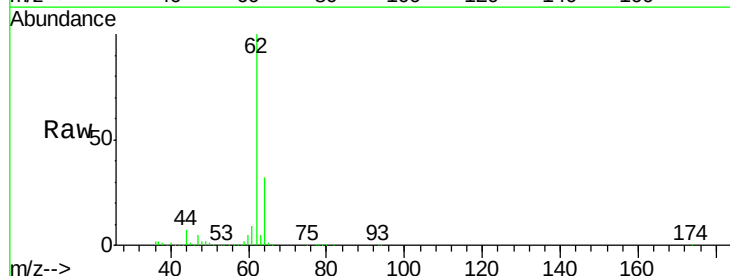
Acq: 21 Jun 2018 16:56

Tgt Ion: 62 Resp: 55153

Ion Ratio Lower Upper

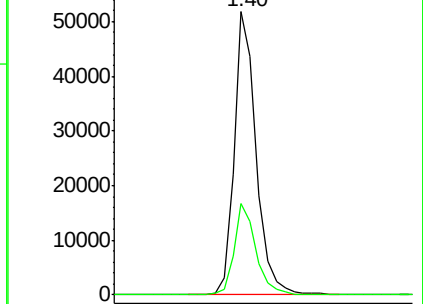
62 100

64 32.4 25.4 38.2

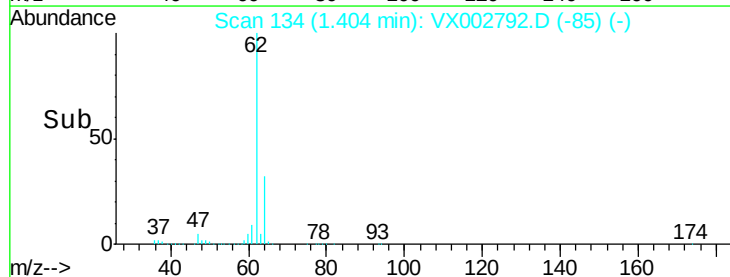


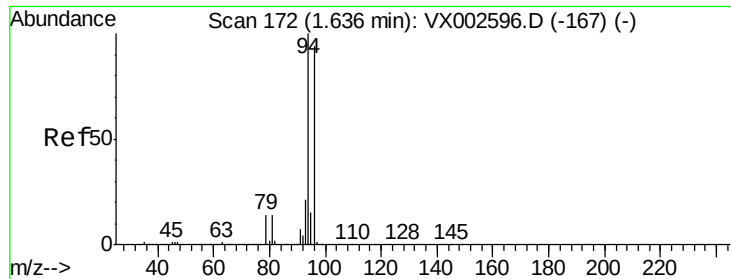
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 13.98 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 94 Resp: 26358

Ion Ratio Lower Upper

94 100

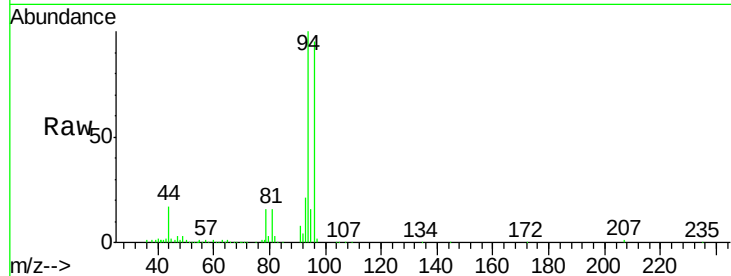
96 95.1 74.9 112.3

Manual Integrations

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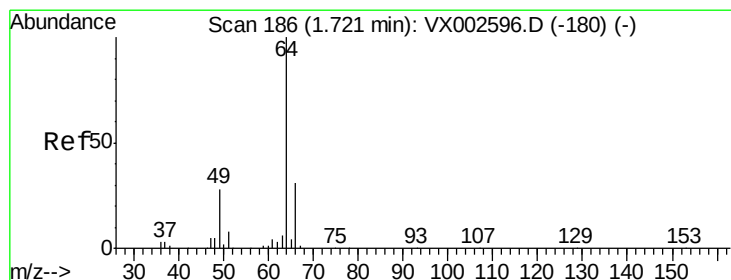
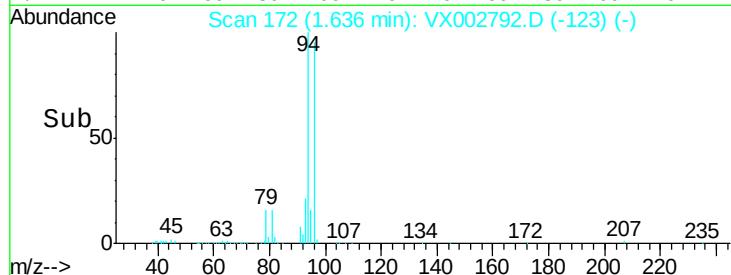
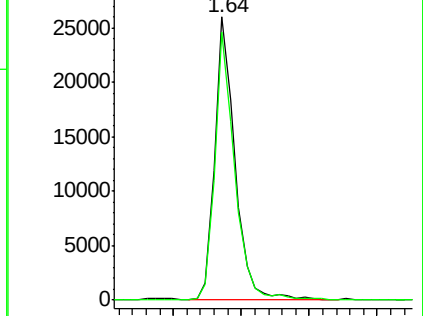
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.57 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002792.D

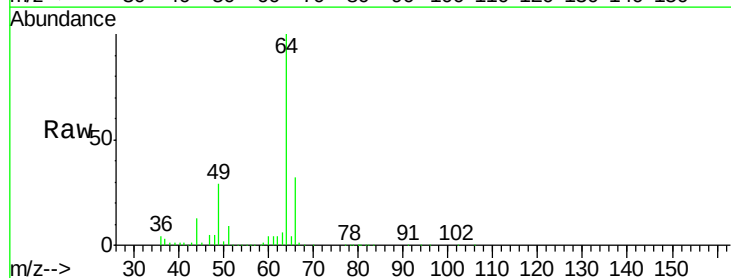
Acq: 21 Jun 2018 16:56

Tgt Ion: 64 Resp: 36194

Ion Ratio Lower Upper

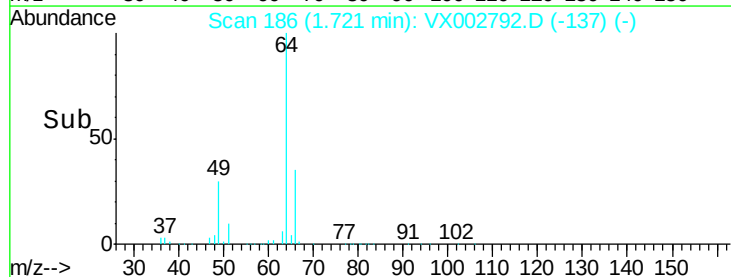
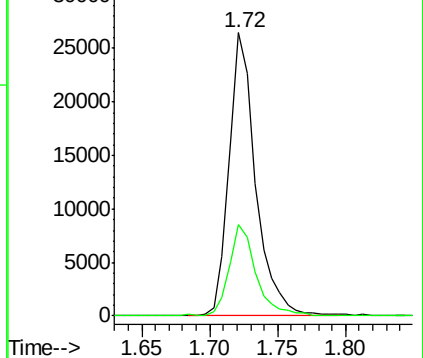
64 100

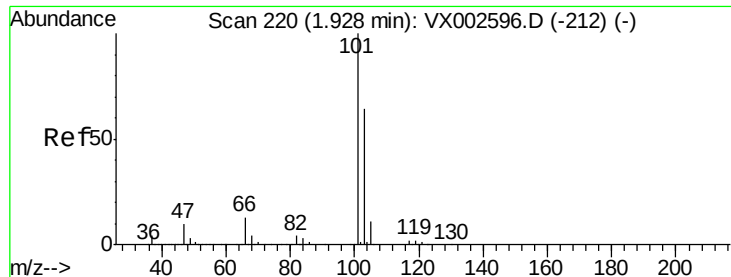
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

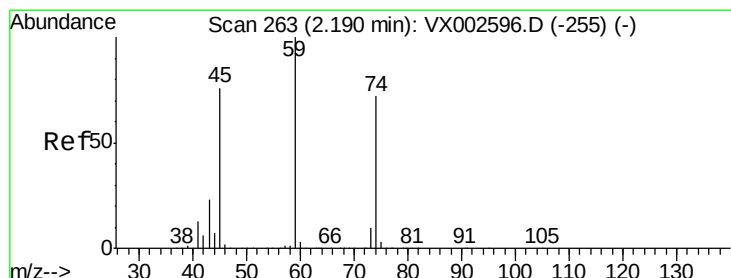
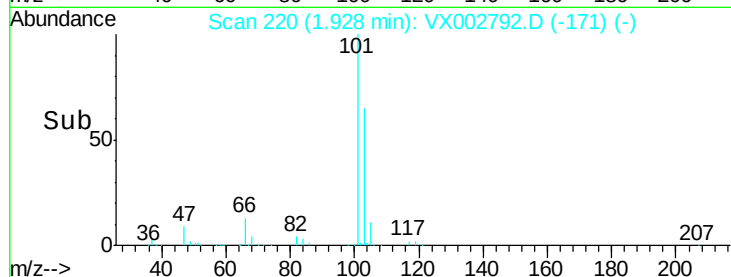
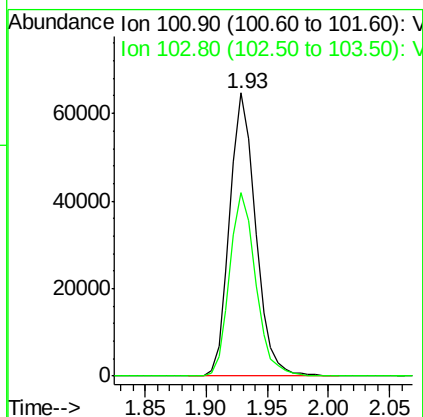
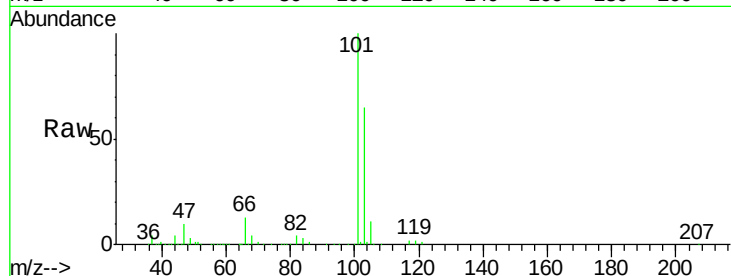
Trichlorofluoromethane
 Concen: 18.78 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.8	79.2

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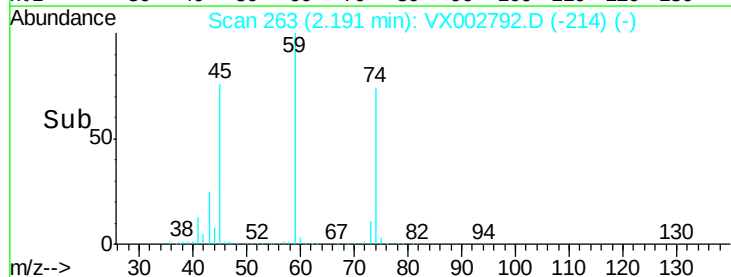
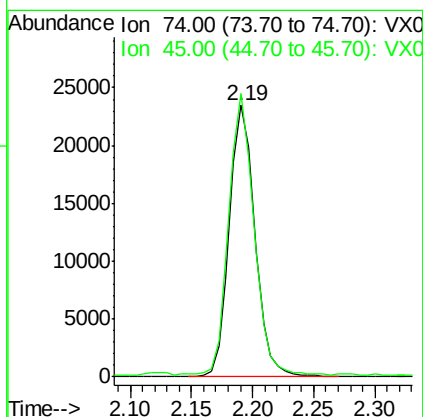
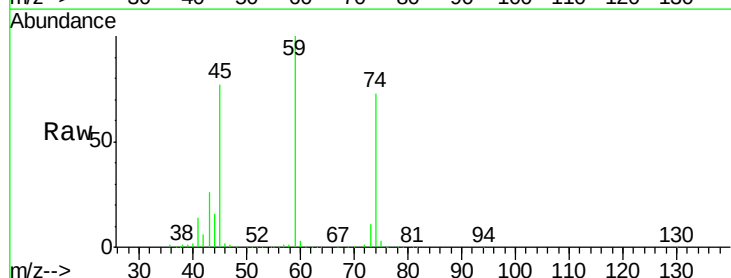
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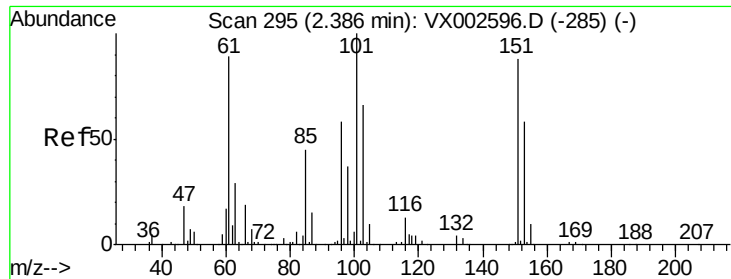


#8

Diethyl Ether
 Concen: 17.63 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.10 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

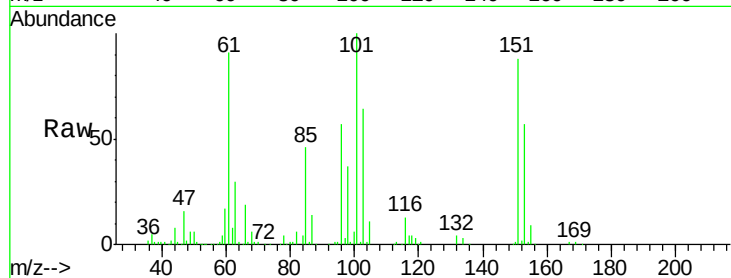
ClientSampleId :

VX0621WBSD01

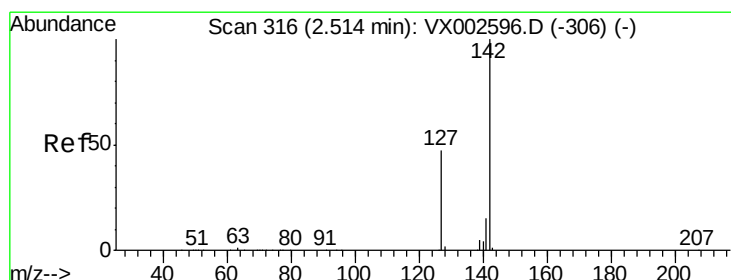
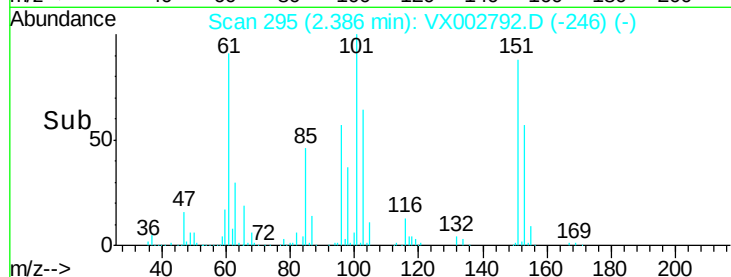
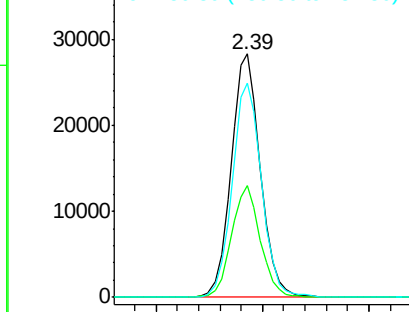
Tot Ion:	101	Resp:	54206
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.0	54.0
151	88.9	70.9	106.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.67 ug/l

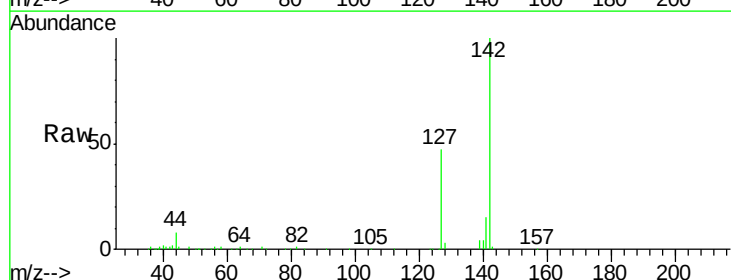
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

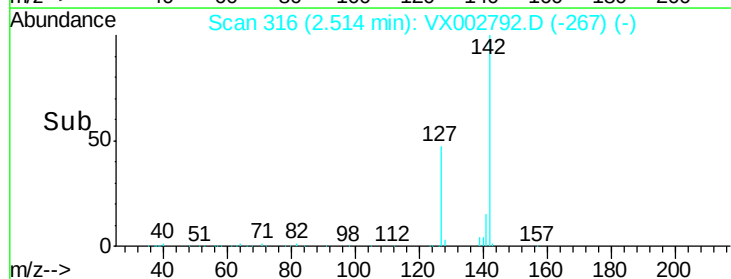
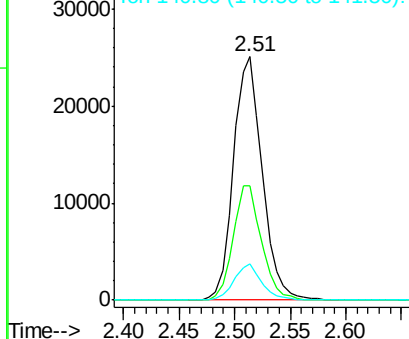
Lab File: VX002792.D

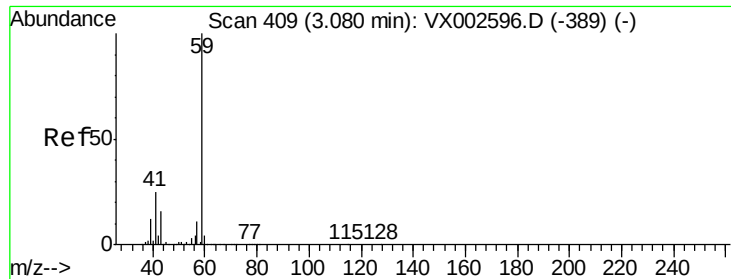
Acq: 21 Jun 2018 16:56

Tgt Ion:	142	Resp:	44829
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.6	55.0
141	14.1	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

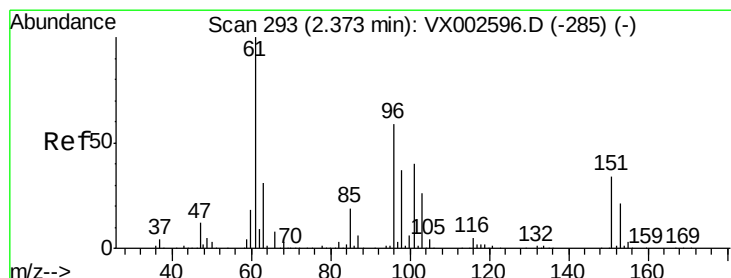
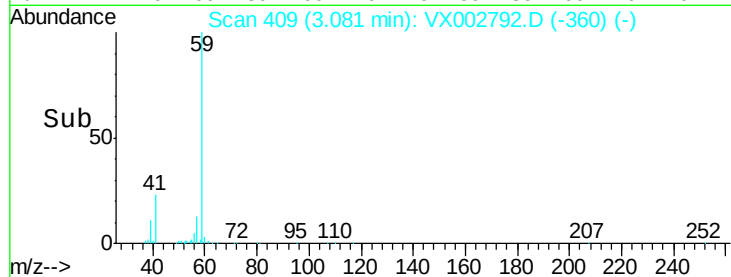
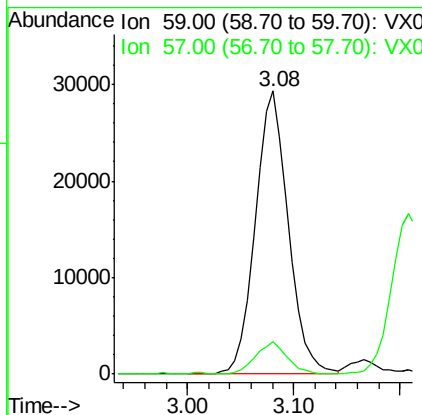
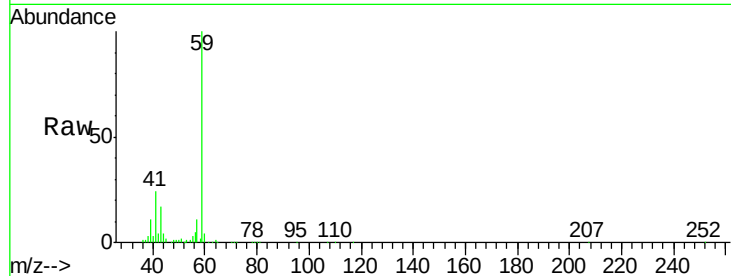
Tert butyl alcohol
 Concen: 84.99 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion	59	Resp	63663
Ion Ratio	100	Lower	Upper
57	11.3	8.2	12.2

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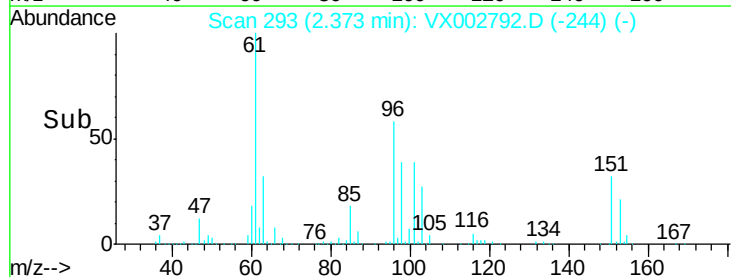
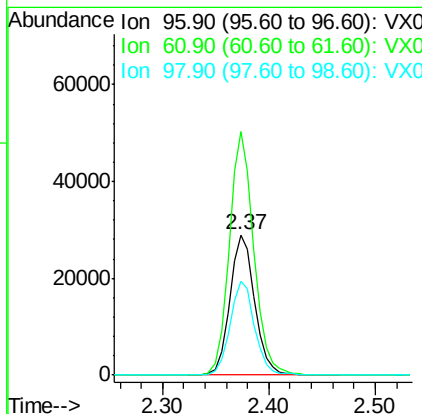
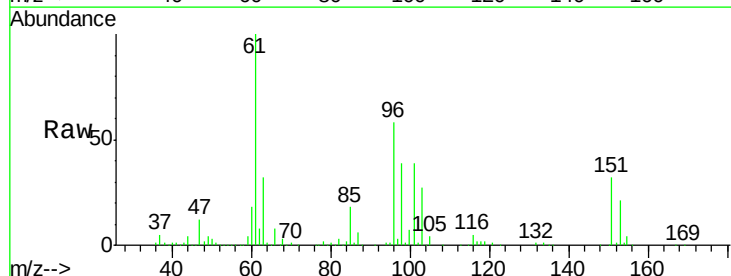
apatel
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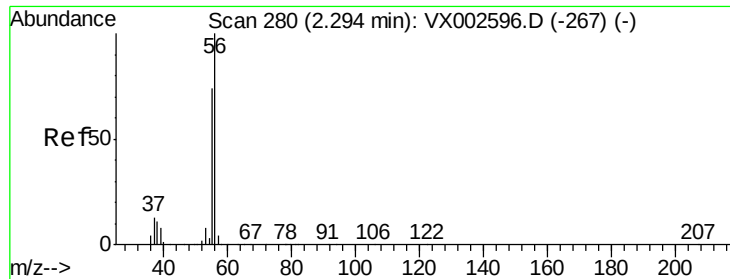


#12

1,1-Dichloroethene
 Concen: 17.79 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion	96	Resp	47389
Ion Ratio	100	Lower	Upper
61	173.4	137.9	206.9
98	67.0	51.6	77.4





#13

Acrolein

Concen: 75.39 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 56 Resp: 24744

Ion Ratio Lower Upper

56 100

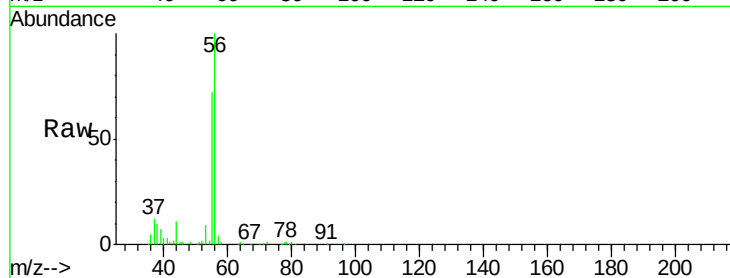
55 73.0 57.0 85.4

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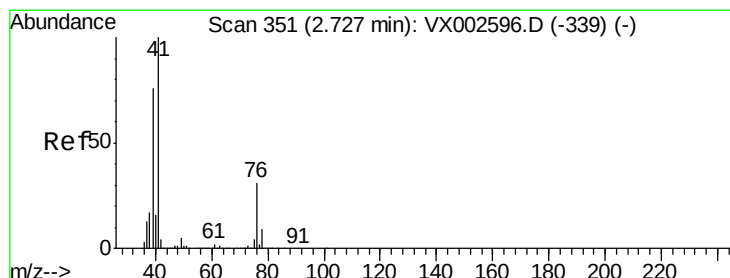
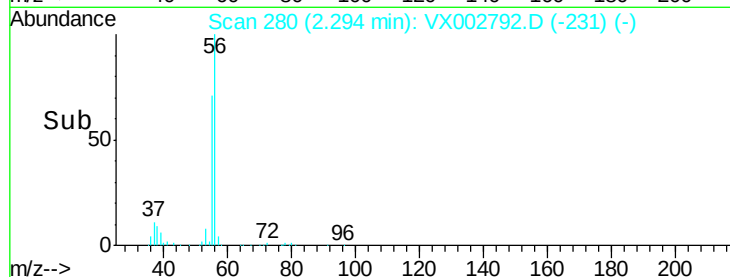
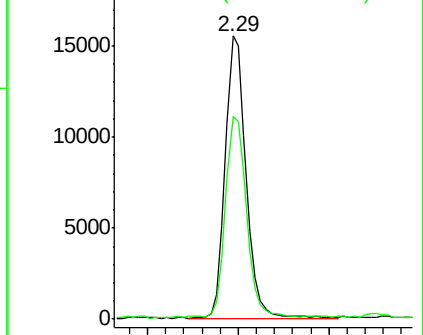
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.68 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

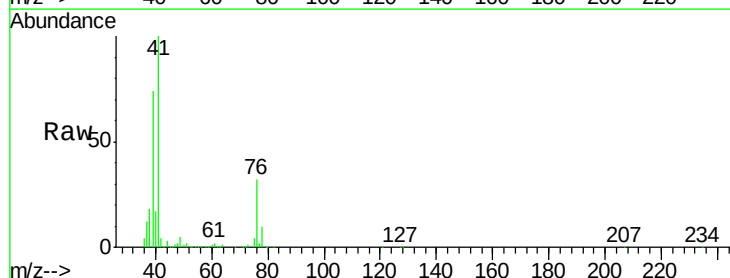
Tgt Ion: 41 Resp: 93535

Ion Ratio Lower Upper

41 100

39 73.8 56.8 85.2

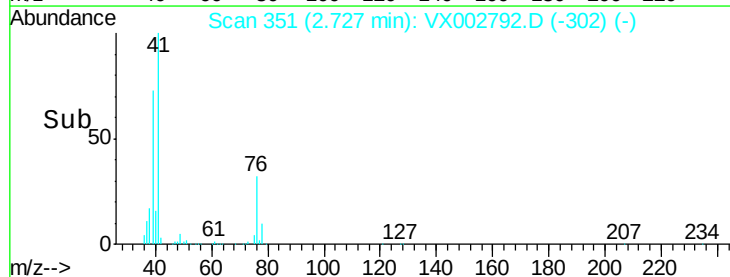
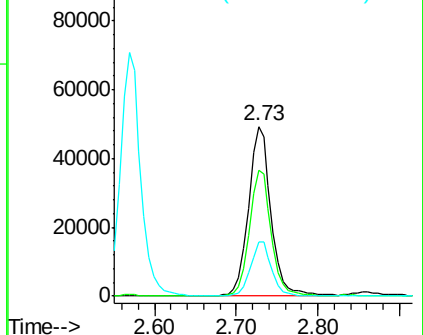
76 29.9 23.8 35.8

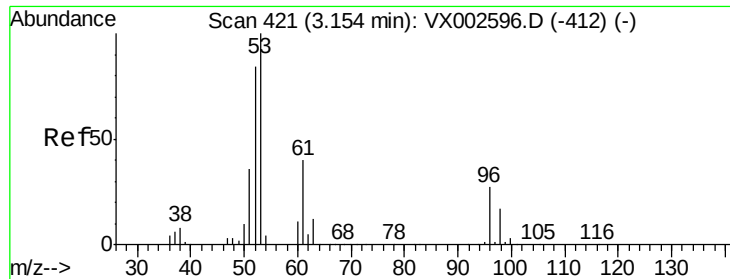


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

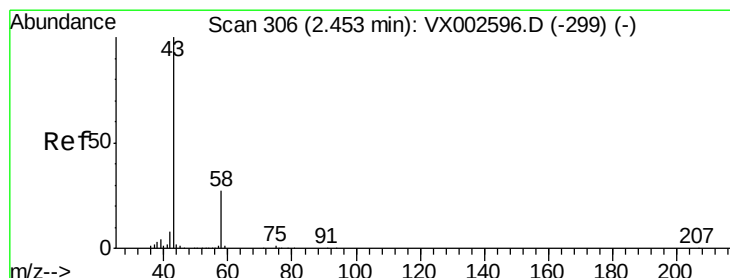
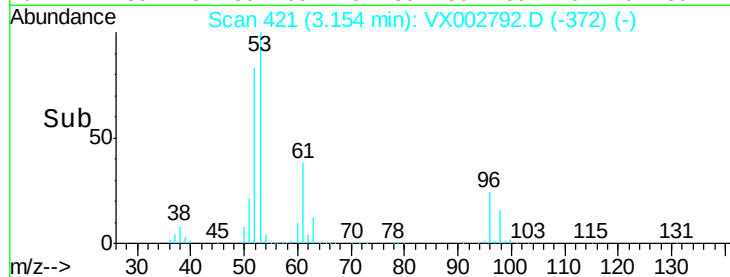
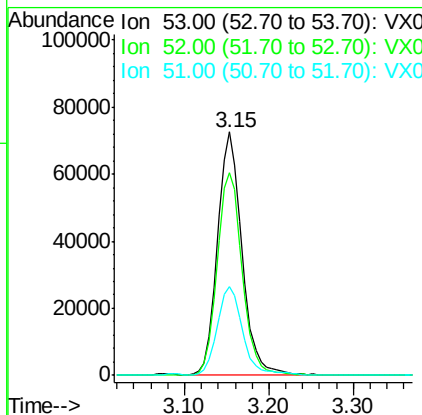
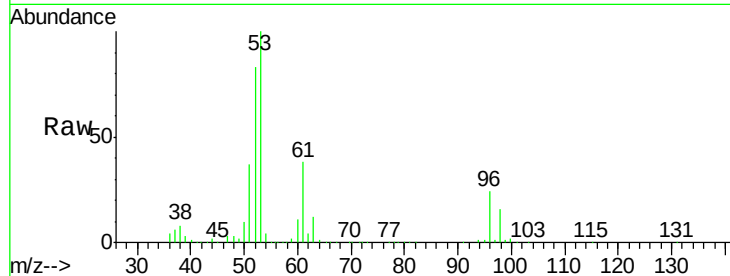
ClientSampleId :

VX0621WBSD01

Tot Ion:	53	Resp:	144807
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.7	100.1
51	38.2	29.9	44.9

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#16

Acetone

Concen: 83.67 ug/l

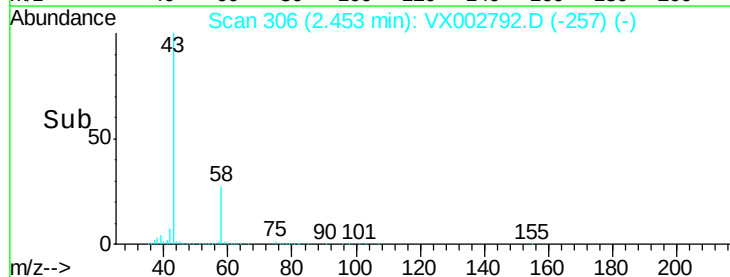
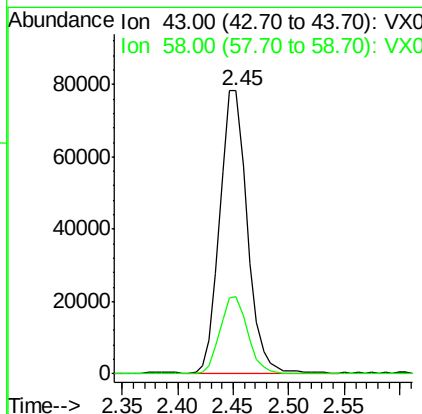
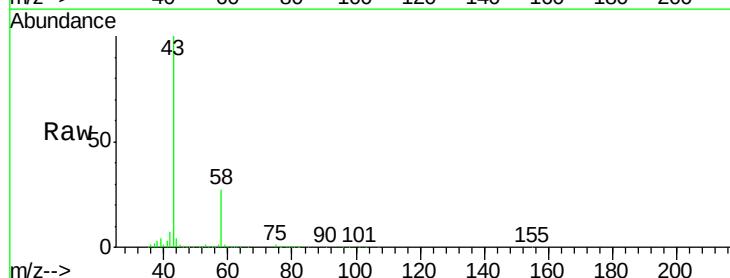
RT: 2.45 min Scan# 306

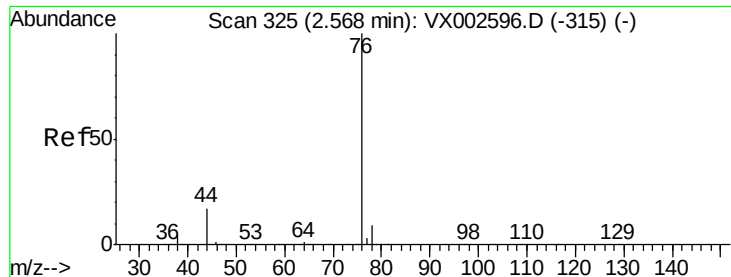
Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion:	43	Resp:	133748
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.1	33.1





#17

Carbon Disulfide

Concen: 19.42 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 76 Resp: 122734

Ion Ratio Lower Upper

76 100

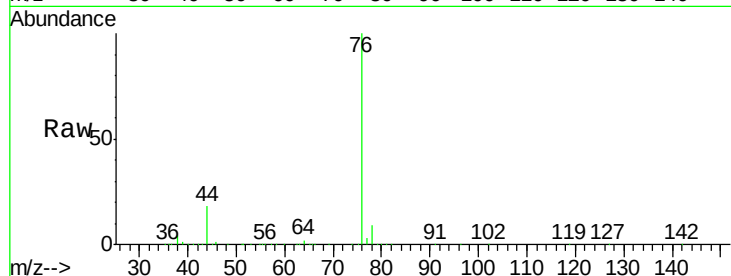
78 9.2 6.9 10.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

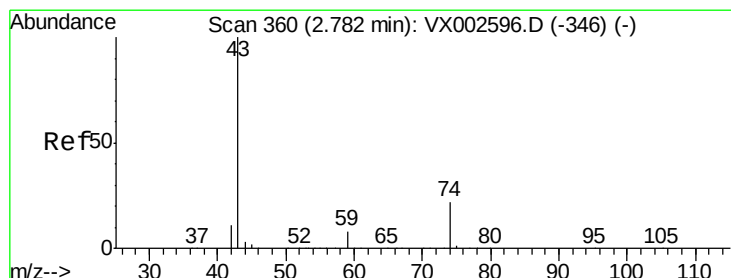
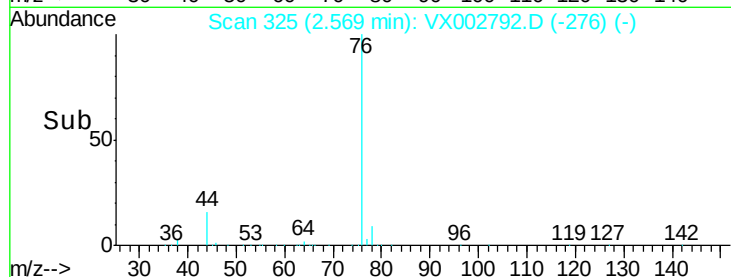
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 20.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002792.D

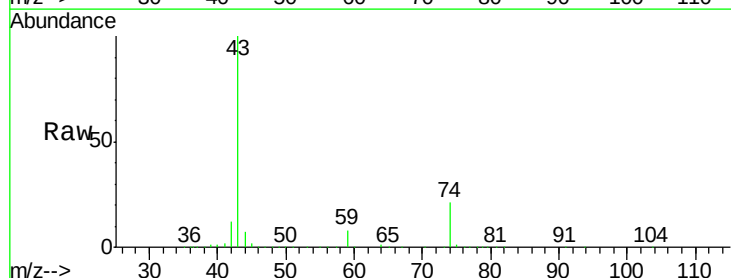
Acq: 21 Jun 2018 16:56

Tgt Ion: 43 Resp: 87269

Ion Ratio Lower Upper

43 100

74 21.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

50000

40000

30000

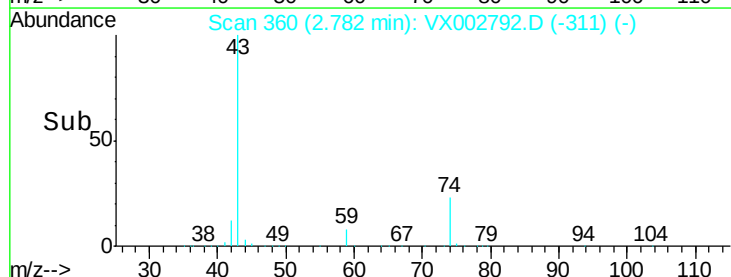
20000

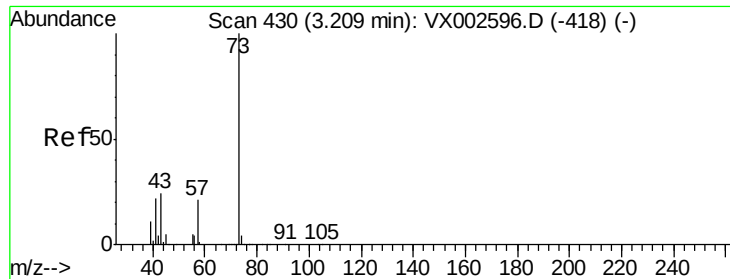
10000

0

Time-->

2.70 2.75 2.80 2.85





#19

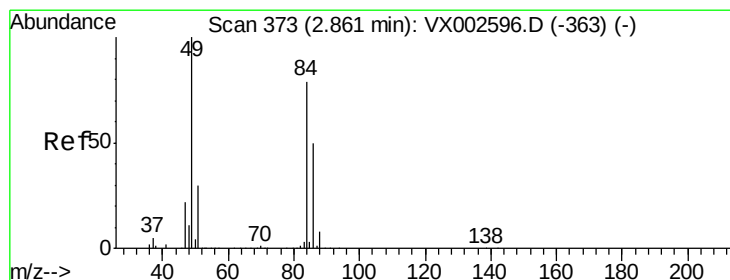
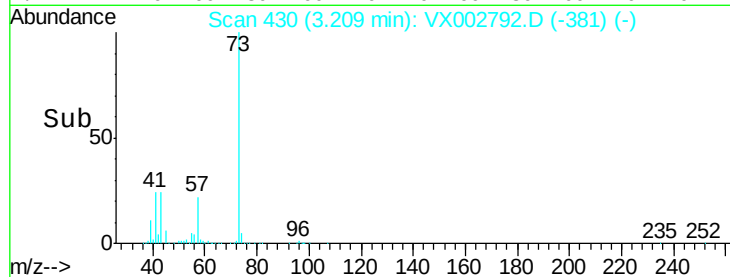
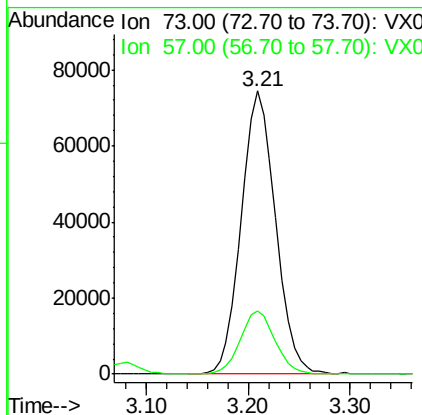
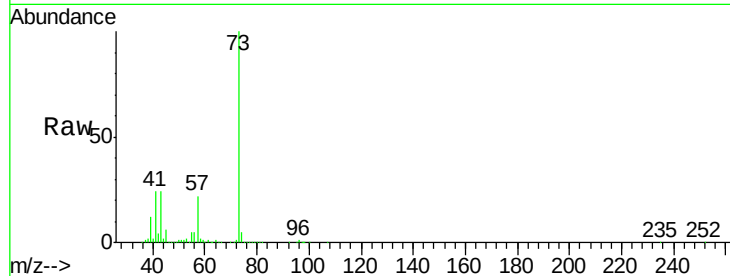
Methyl tert-butyl Ether
 Concen: 17.44 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion: 73 Resp: 174266
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.7 26.5

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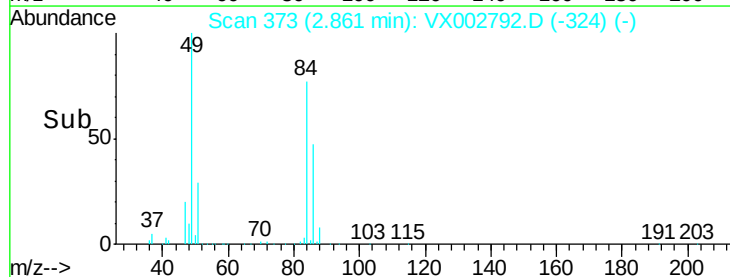
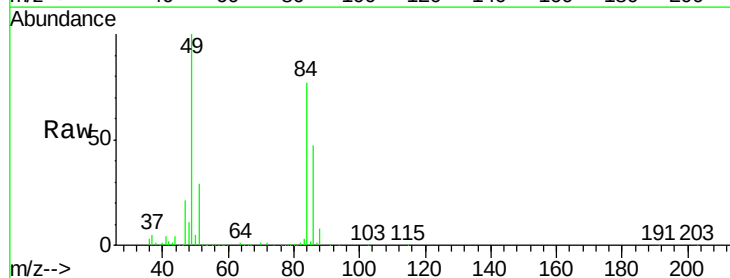
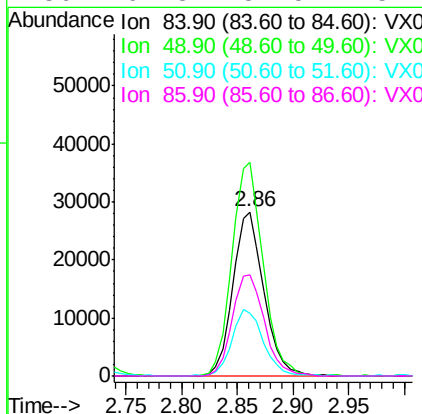
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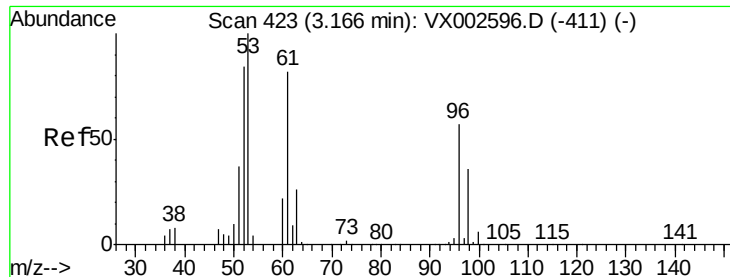


#20

Methylene Chloride
 Concen: 16.57 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion: 84 Resp: 54323
 Ion Ratio Lower Upper
 84 100
 49 130.0 107.8 161.6
 51 38.0 32.8 49.2
 86 61.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

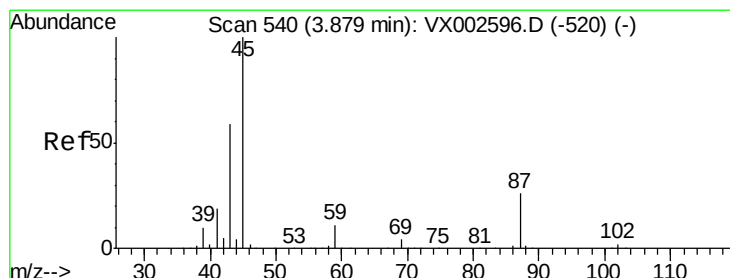
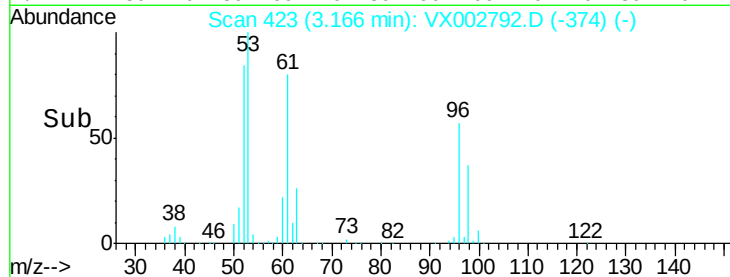
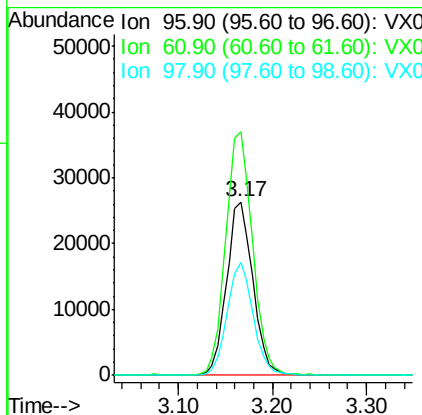
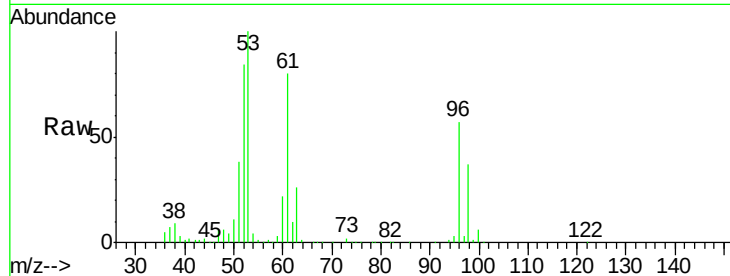
ClientSampleId :

VX0621WBSD01

Tot Ion:	96	Resp:	51057
Ion	Ratio	Lower	Upper
96	100		
61	140.1	117.0	175.4
98	65.2	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.42 ug/l

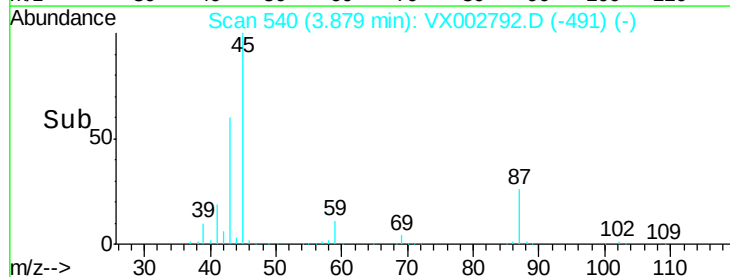
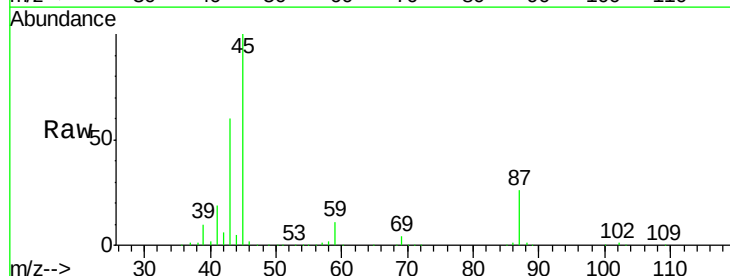
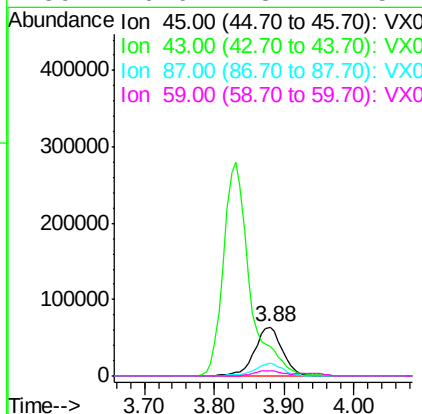
RT: 3.88 min Scan# 540

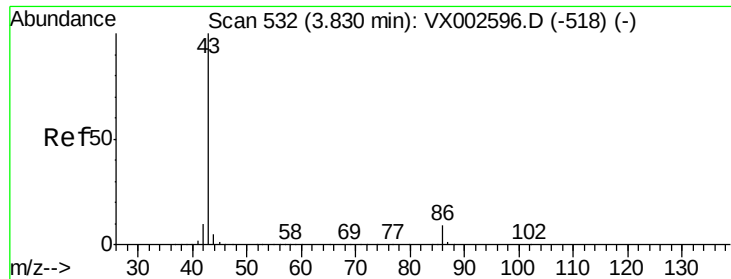
Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion:	45	Resp:	176298
Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.8	70.2
87	26.1	20.2	30.4
59	10.6	8.7	13.1





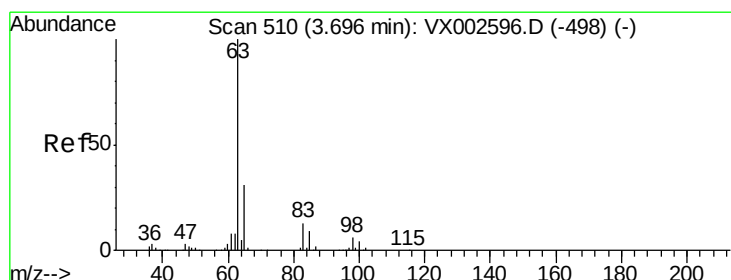
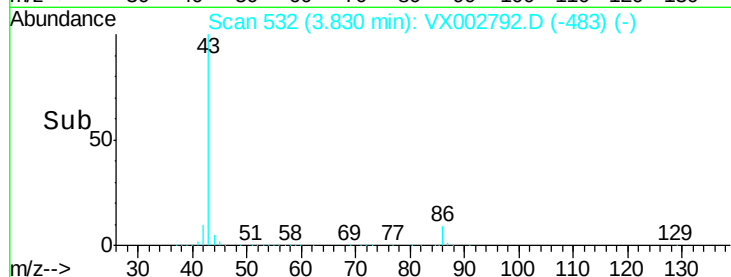
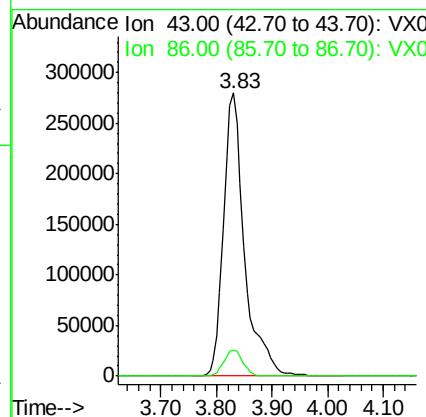
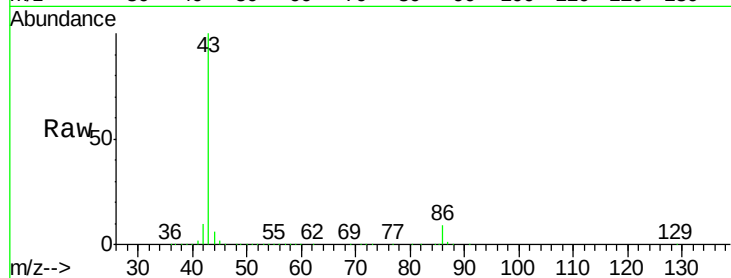
#23
 Vinyl Acetate
 Concen: 91.29 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion	43	86	Resp	Lower	Upper
731289	100	9.4		7.4	11.0

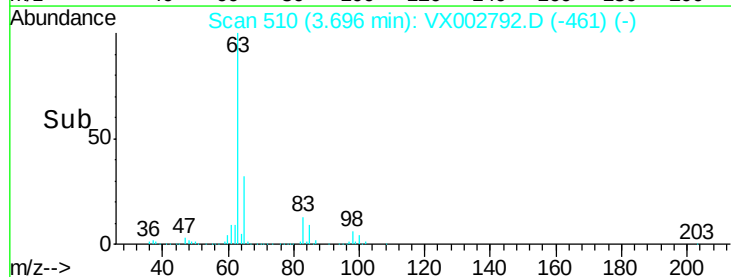
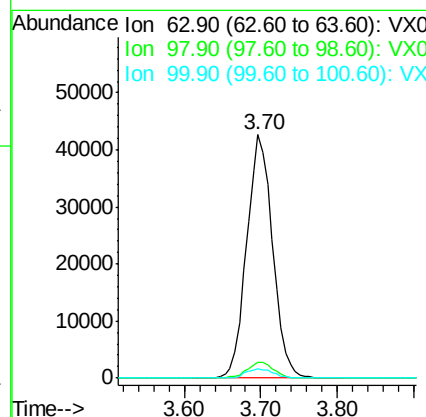
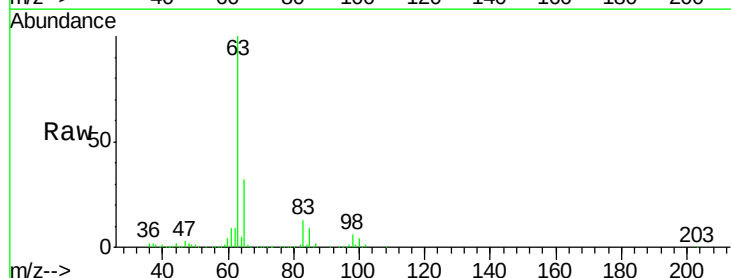
Manual Integrations
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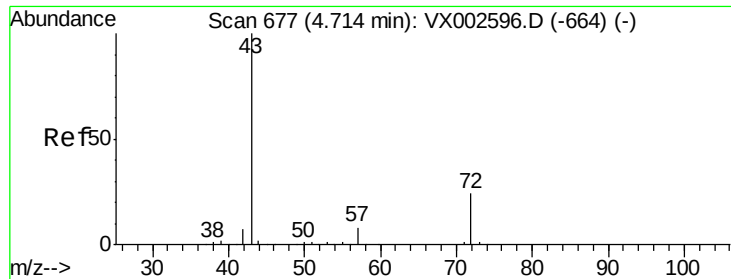
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#24
 1,1-Dichloroethane
 Concen: 19.34 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion	63	98	100	Resp	Lower	Upper
100488	100	6.4	3.9		3.4	10.2





#25

2-Butanone

Concen: 96.84 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 43 Resp: 203309

Ion Ratio Lower Upper

43 100

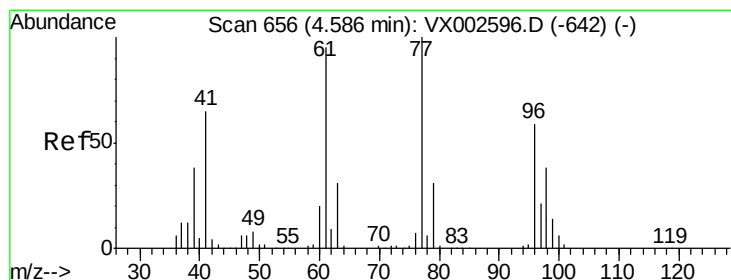
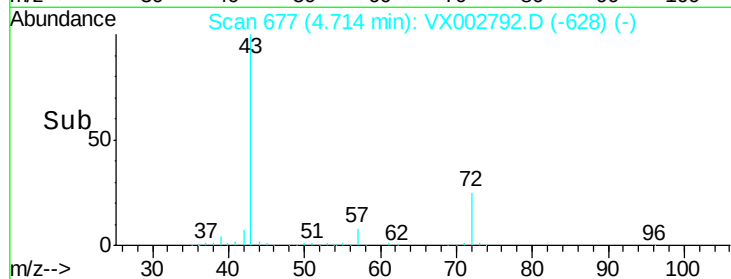
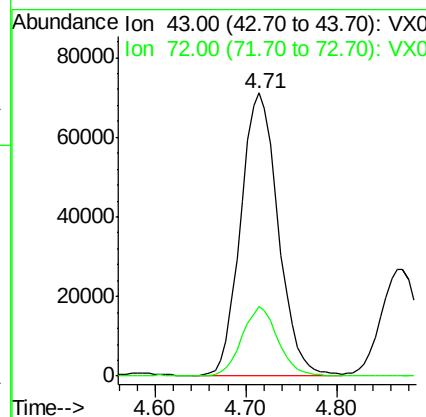
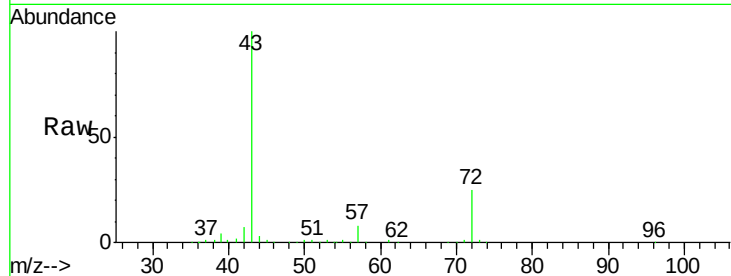
72 24.7 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.33 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002792.D

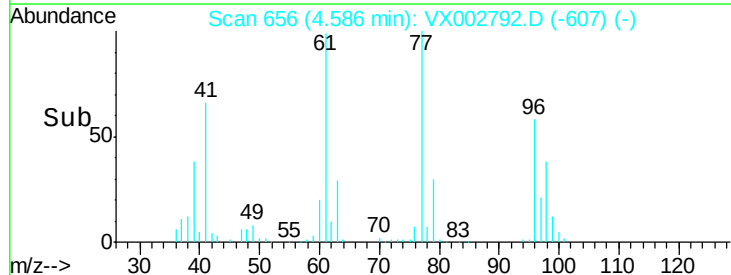
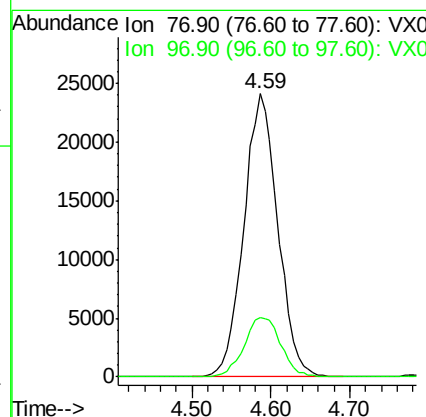
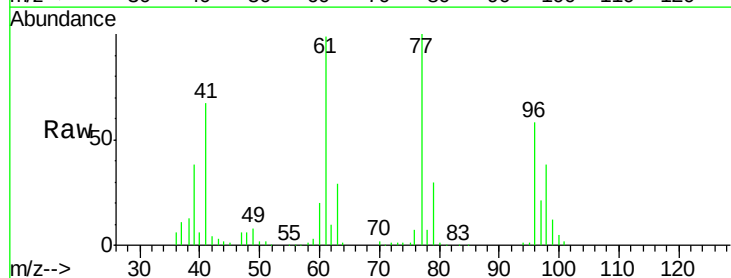
Acq: 21 Jun 2018 16:56

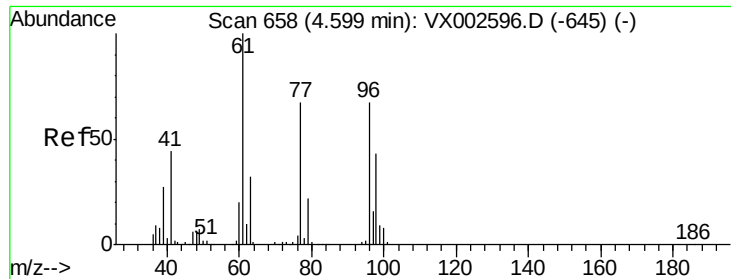
Tgt Ion: 77 Resp: 72157

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

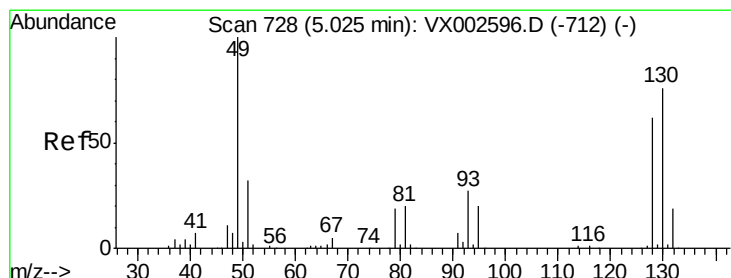
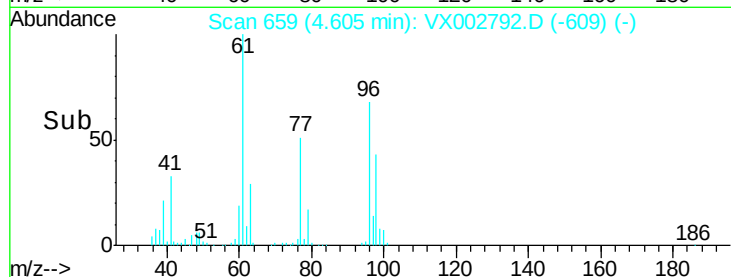
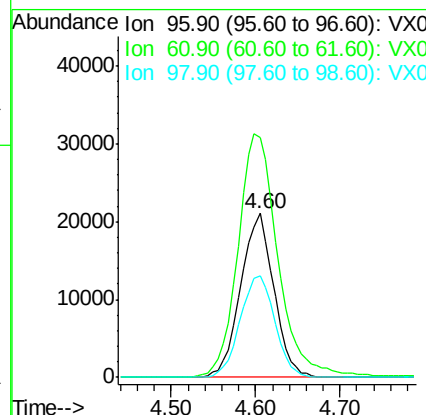
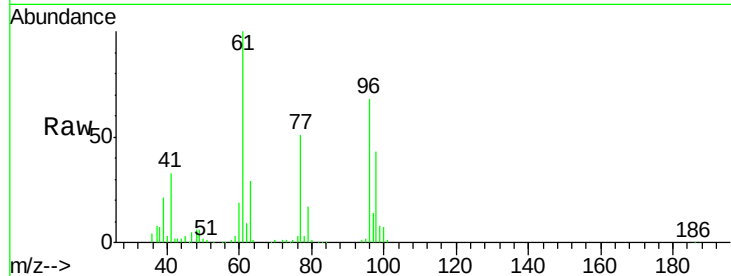
cis-1,2-Dichloroethene
Concen: 19.01 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	178.5	0.0	330.2
98	65.2	0.0	130.2

Manual Integrations
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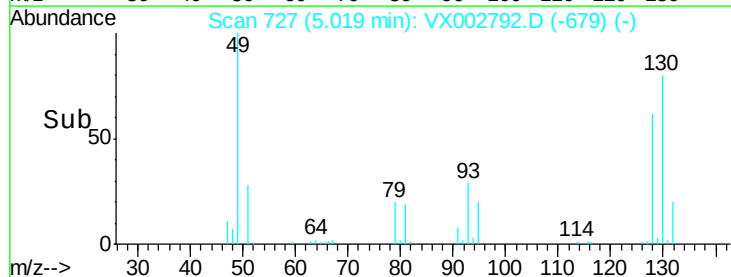
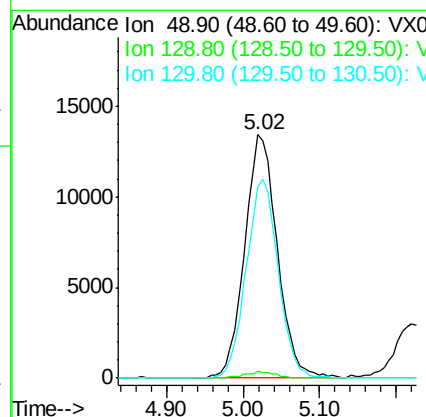
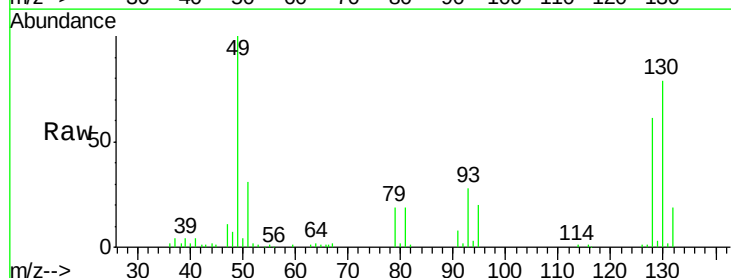
apatel
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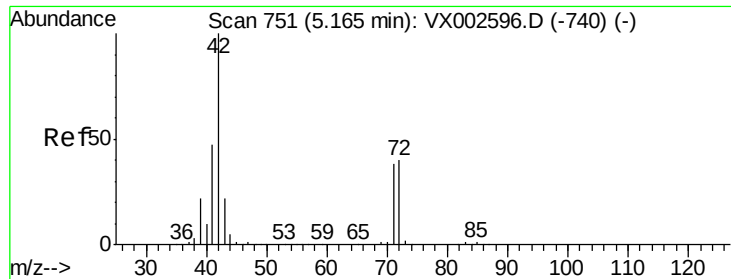


#28

Bromochloromethane
Concen: 16.39 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	79.9	61.2	91.8





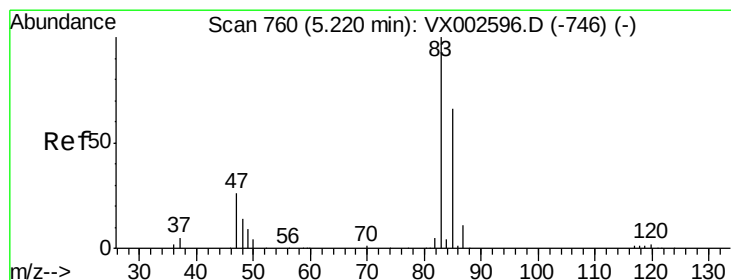
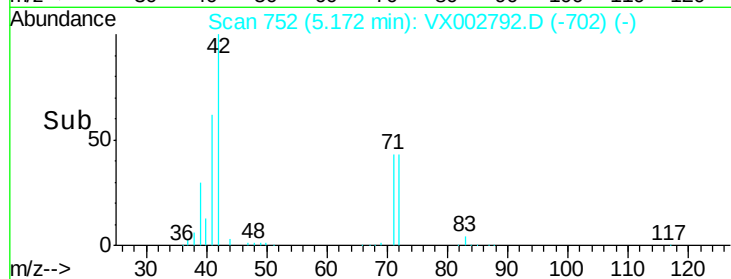
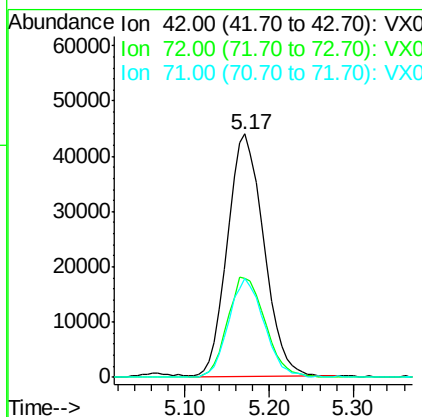
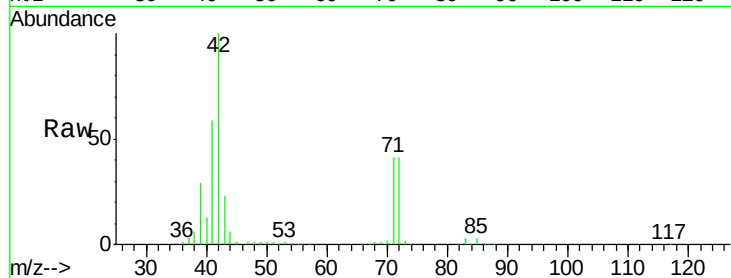
#29
Tetrahydrofuran
Concen: 93.84 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	32.0	48.0
71	40.1	30.1	45.1

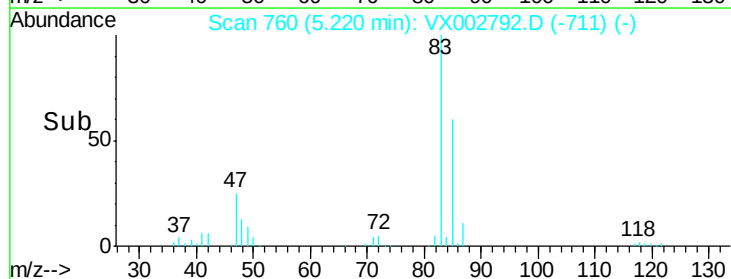
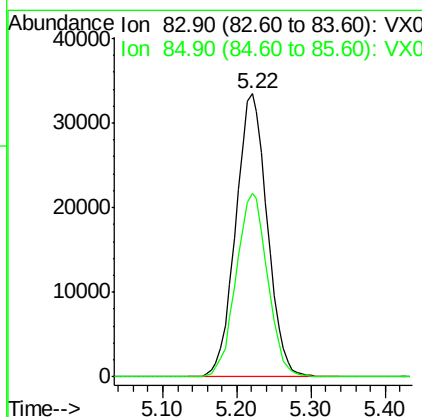
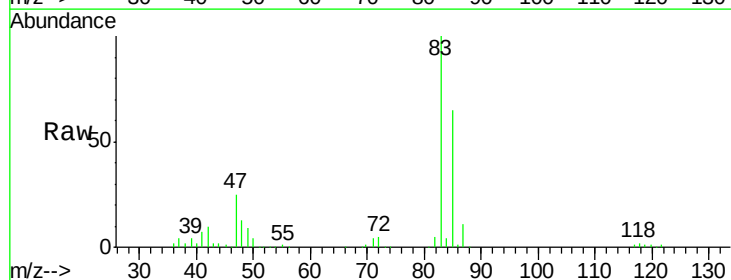
Manual Integrations
APPROVED

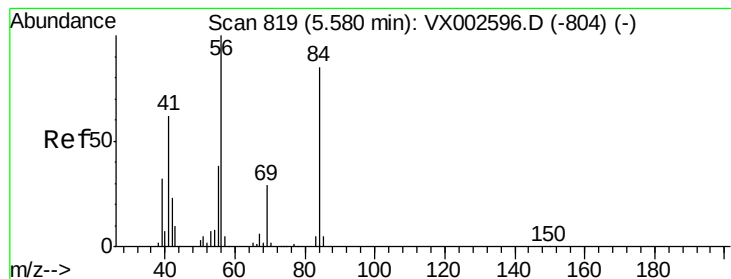
apatel
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#30
Chloroform
Concen: 19.83 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.4	75.6





#31

Cvclohexane

Concen: 19.08 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

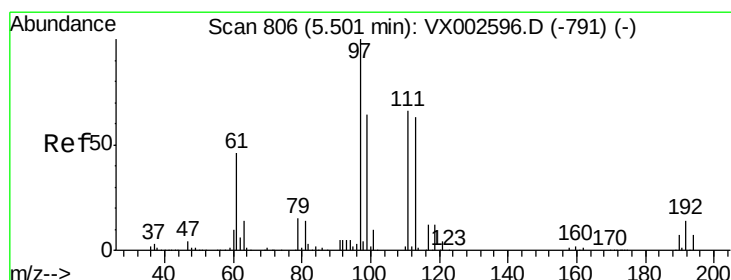
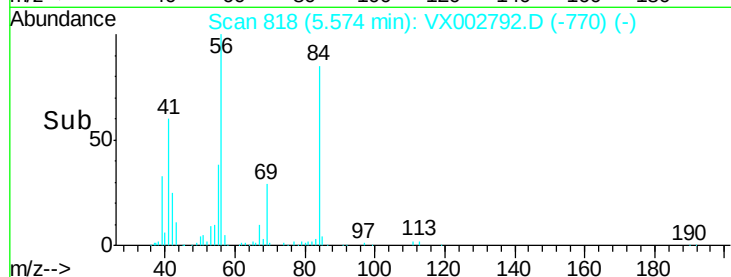
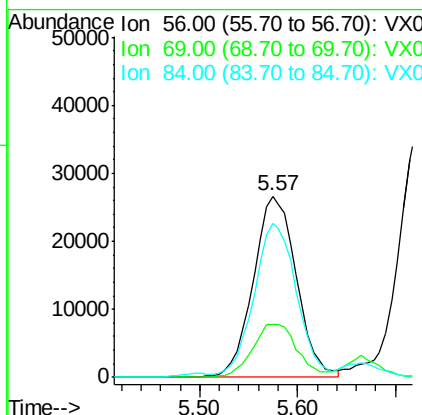
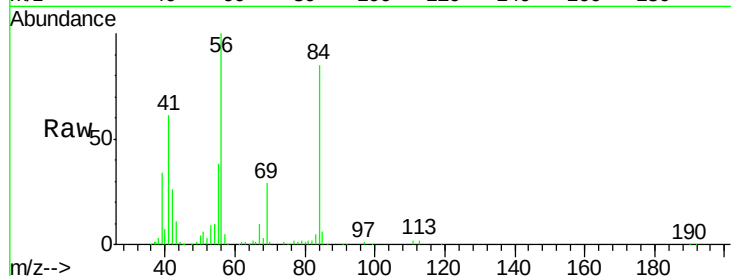
ClientSampleId :

VX0621WBSD01

Tot Ion:	56	Resp:	81595
Ion Ratio	Lower	Upper	
56	100		
69	28.9	23.7	35.5
84	83.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.44 ug/l

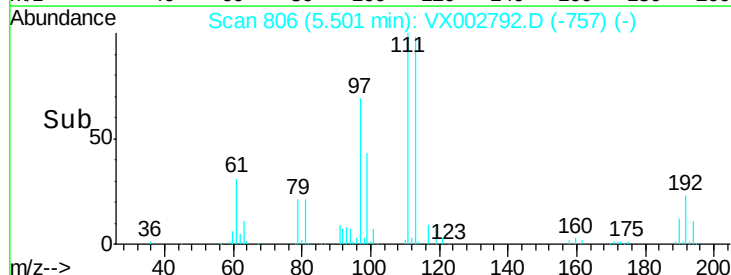
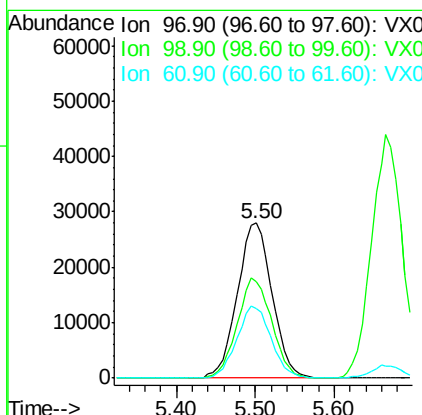
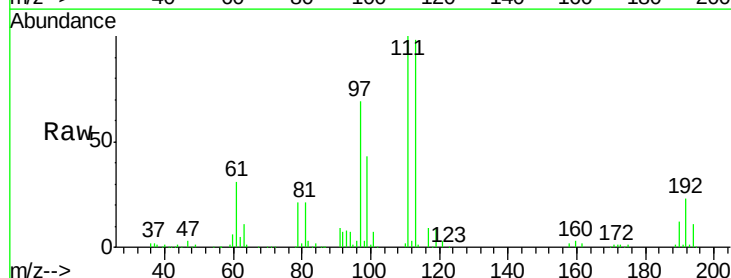
RT: 5.50 min Scan# 806

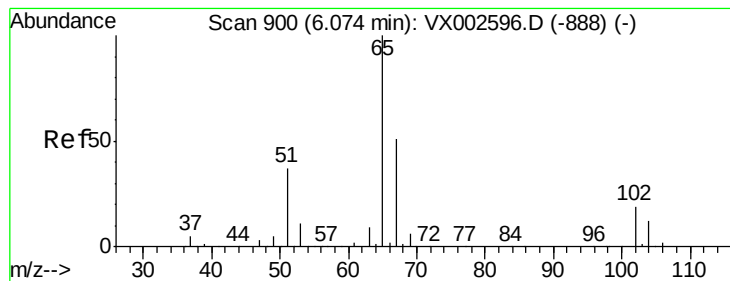
Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion:	97	Resp:	85630
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.6	77.4
61	45.8	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 41.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tot Ion: 65 Resp: 149685

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6

Instrument :

MSVOA_X

ClientSampleId :

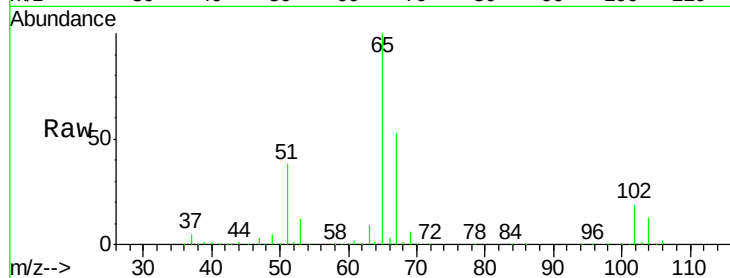
VX0621WBSD01

Manual Integrations

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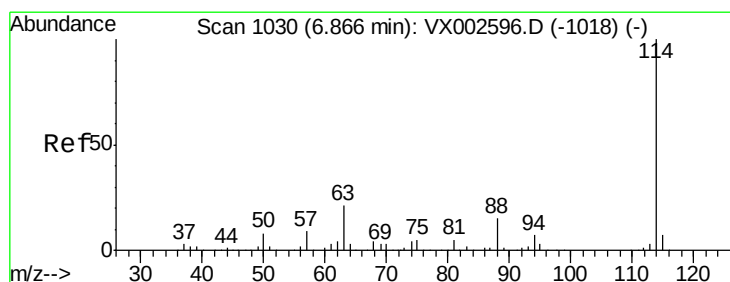
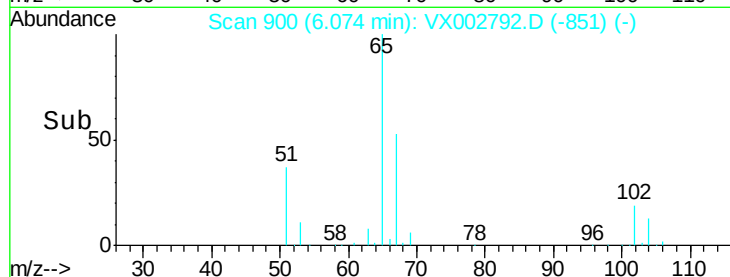
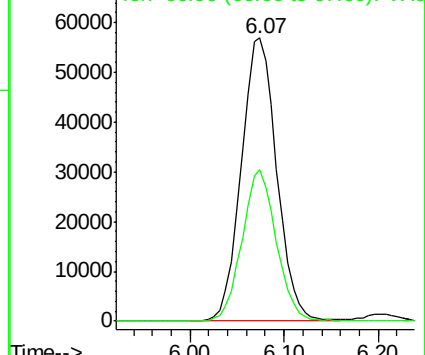
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

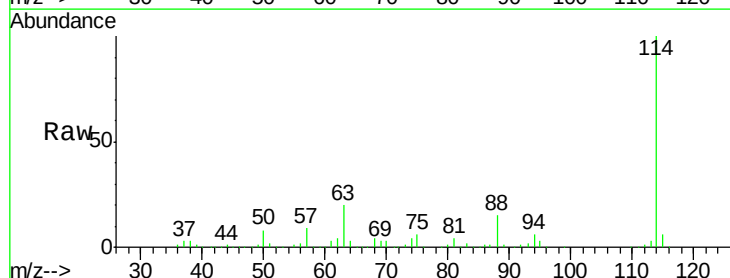
Tgt Ion: 114 Resp: 328210

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

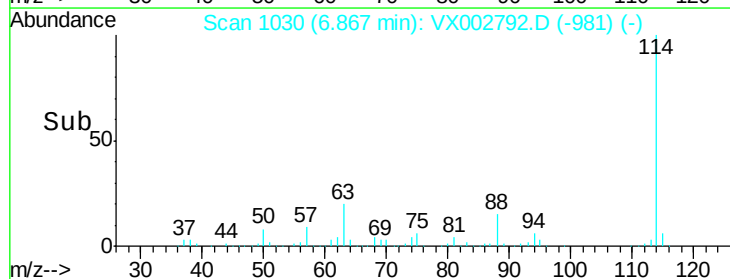
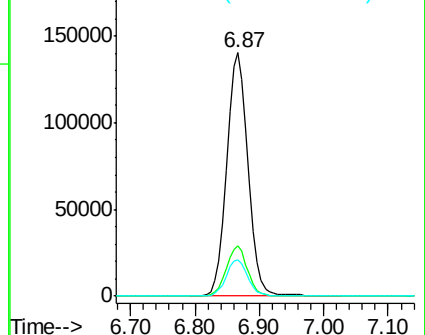
88 14.9 0.0 30.0

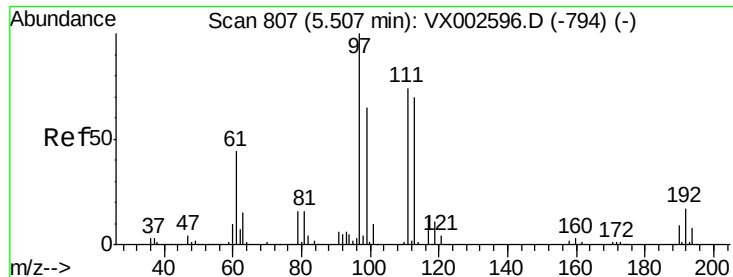


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





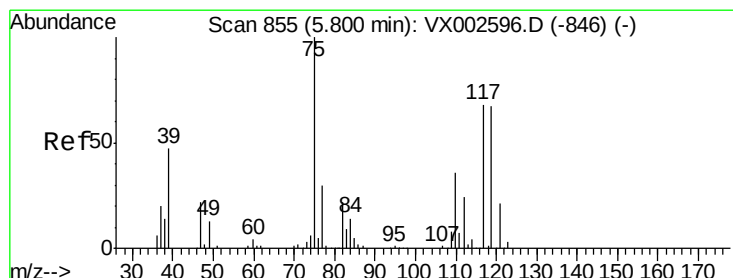
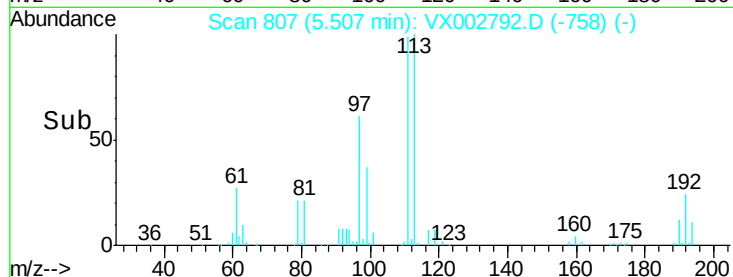
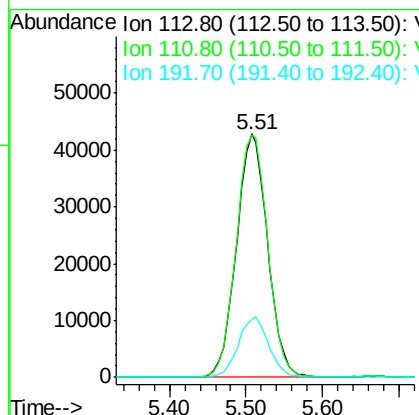
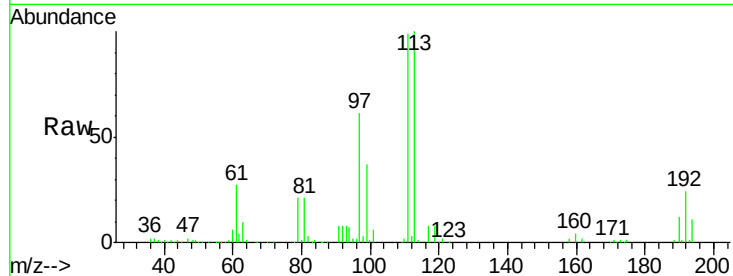
#35
Dibromofluoromethane
Concen: 46.01 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120514		
111	101.1	81.4	122.0	
192	24.2	19.1	28.7	

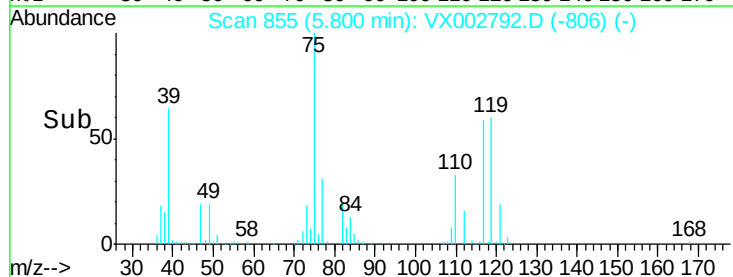
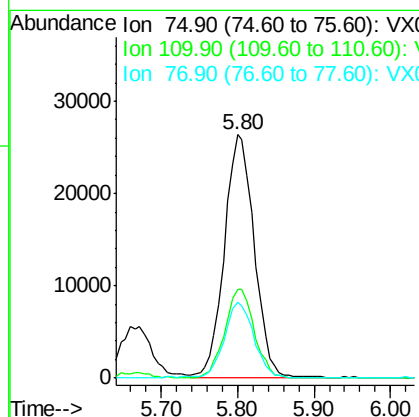
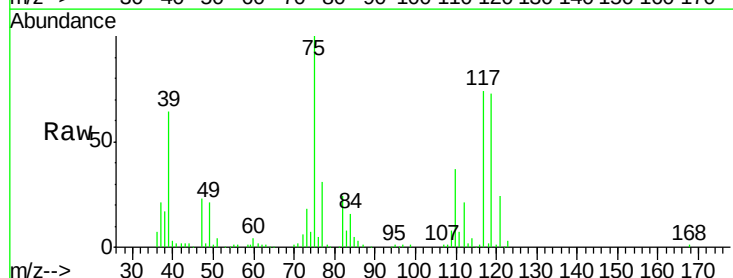
Manual Integrations
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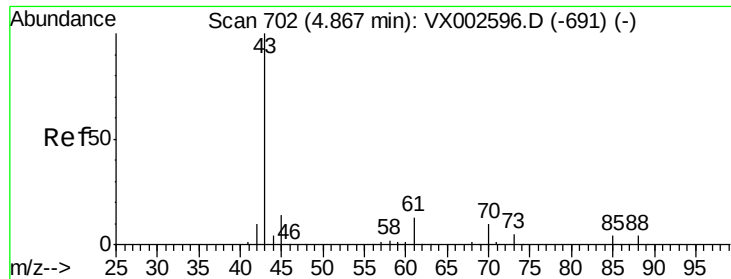
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#36
1,1-Dichloropropene
Concen: 20.51 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71480		
110	36.2	18.1	54.4	
77	30.7	24.3	36.5	





#37

Ethyl Acetate

Concen: 19.87 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

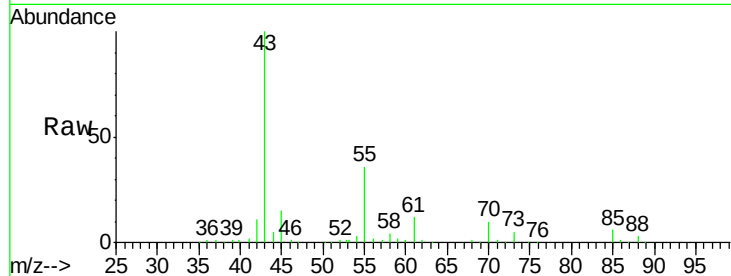
ClientSampleID :

VX0621WBSD01

Tot Ion:	43	Resp:	78406
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	9.8	7.6	11.4

Manual Integrations
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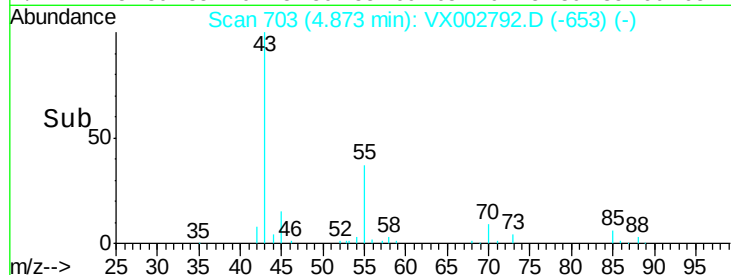


Abundance Ion 43.00 (42.70 to 43.70): VX002792.D (-653) (-)

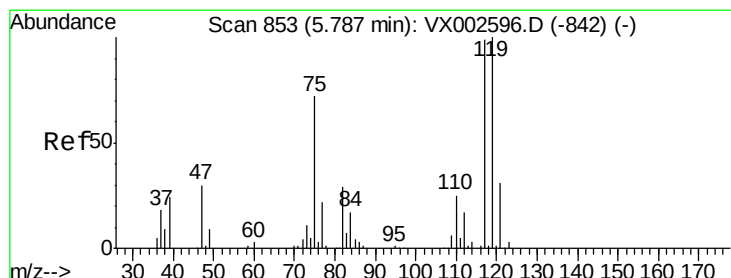
Ion 60.90 (60.60 to 61.60): VX002792.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002792.D (-653) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 21.82 ug/l

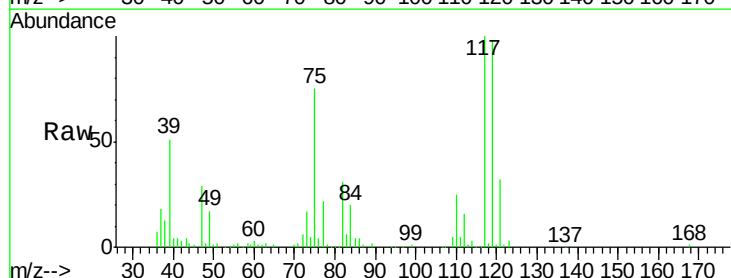
RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion:	117	Resp:	75728
Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
121	31.7	24.4	36.6

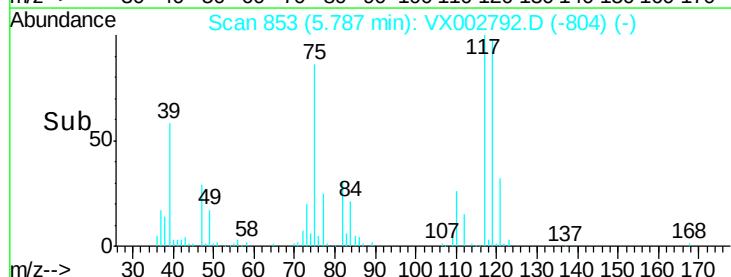


Abundance Ion 116.80 (116.50 to 117.50): VX002792.D (-804) (-)

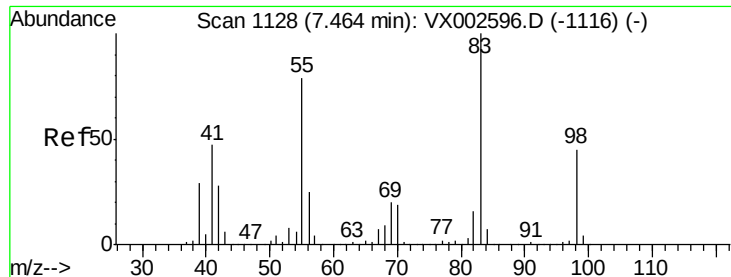
Ion 118.80 (118.50 to 119.50): VX002792.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002792.D (-804) (-)

Time-->



Time-->



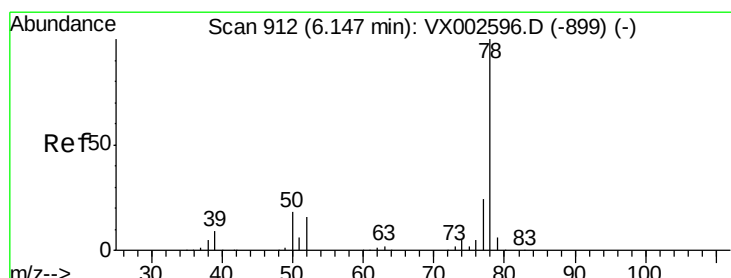
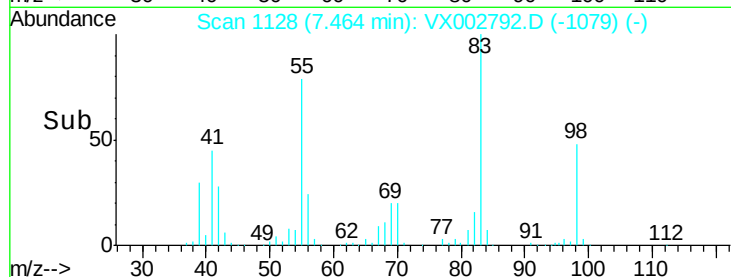
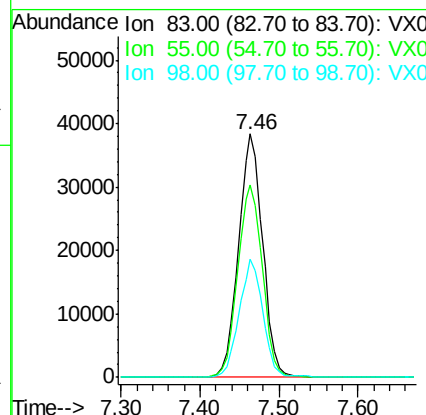
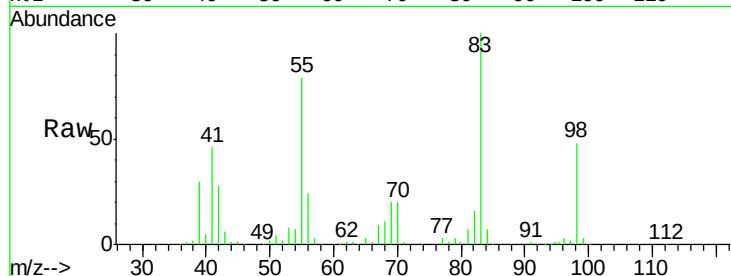
#39
Methylvlcyclohexane
Concen: 19.96 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	83	Resp	81329
Ion Ratio	100	Lower	Upper
83	100	65.4	98.0
55	79.0	37.4	56.0
98	48.5		

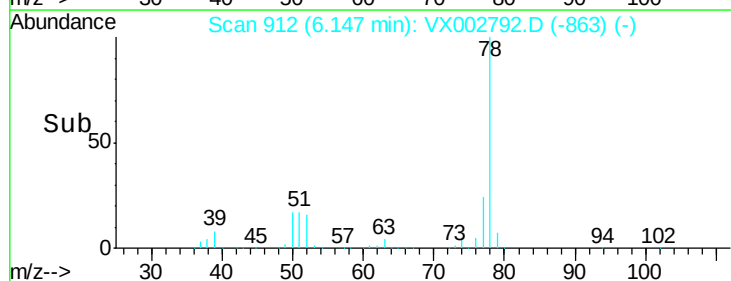
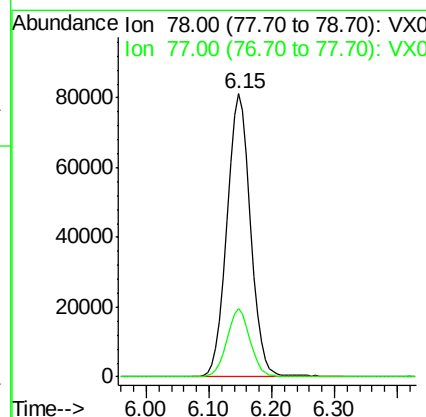
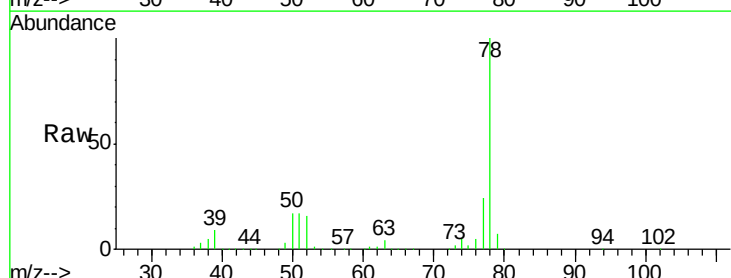
Manual Integrations
APPROVED

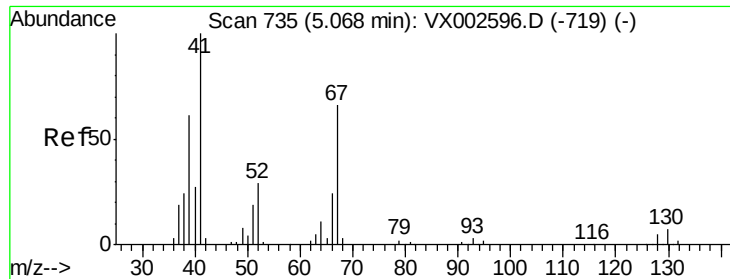
apatel
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#40
Benzene
Concen: 20.19 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion	78	Resp	210995
Ion Ratio	100	Lower	Upper
78	100	19.1	28.7
77	24.2		





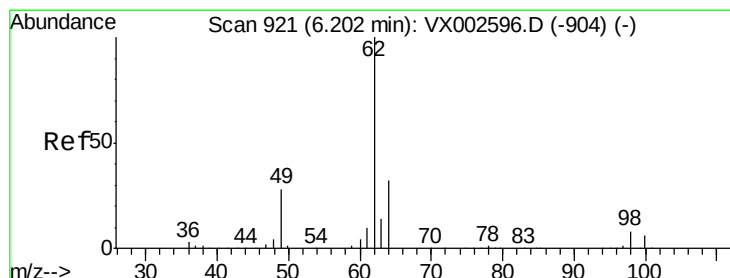
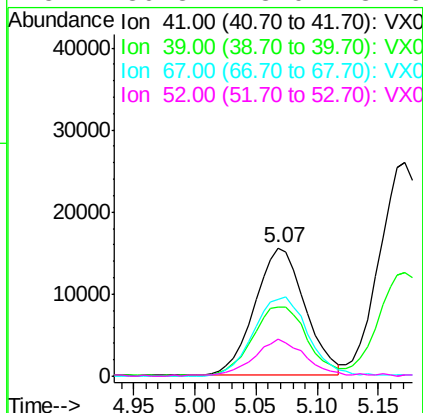
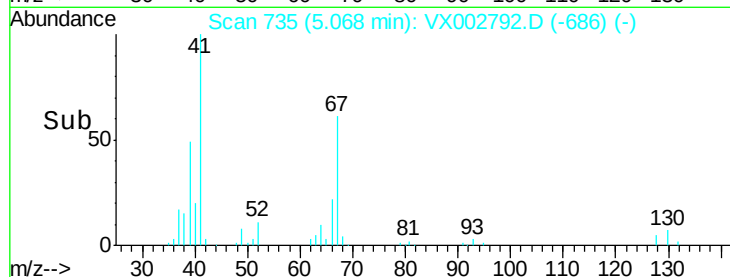
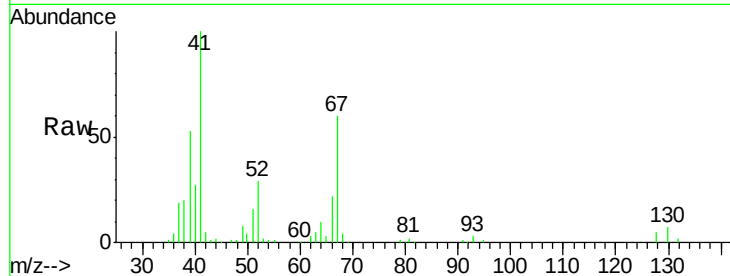
#41
Methacrylonitrile
Concen: 20.04 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	59.3	45.8	68.6	
67	67	67.7	51.3	76.9	
52	52	30.3	23.0	34.6	

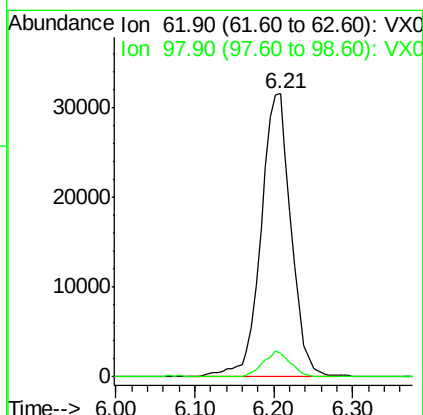
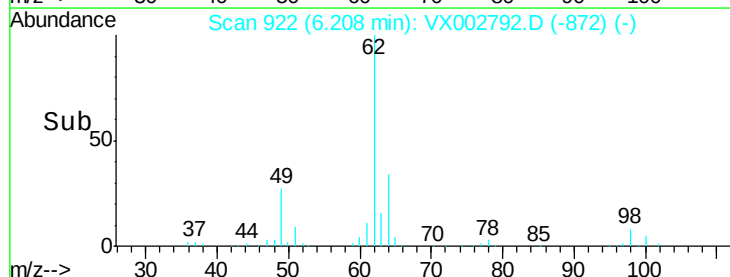
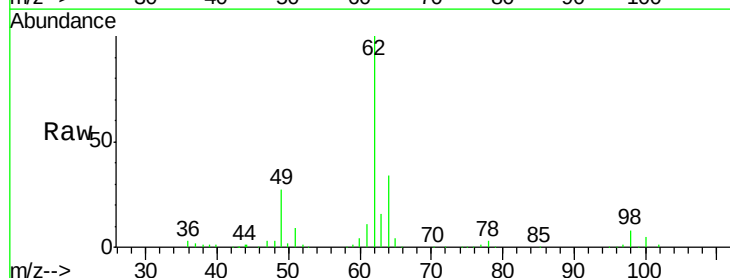
Manual Integrations
APPROVED

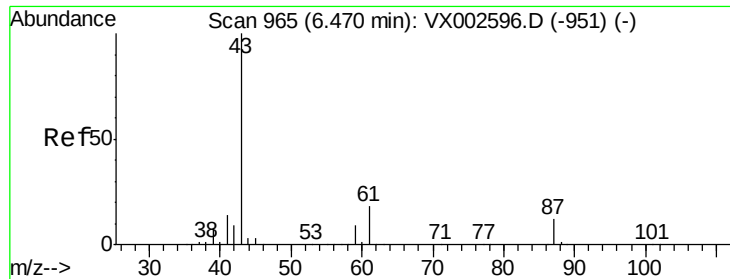
apatel
6/22/2018 1:59:26 PM



#42
1,2-Dichloroethane
Concen: 20.68 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

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





#43

Isopropyl Acetate

Concen: 19.46 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

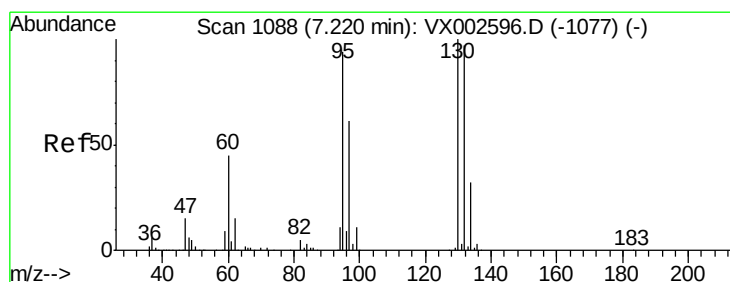
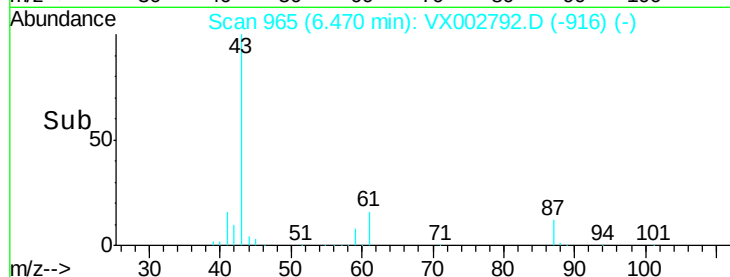
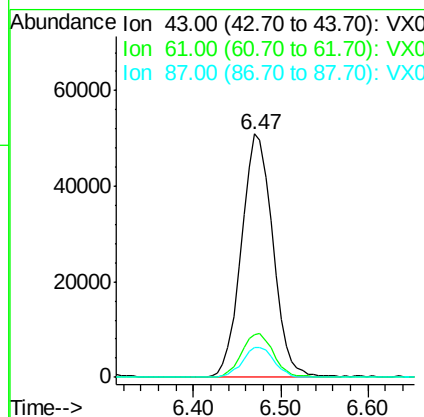
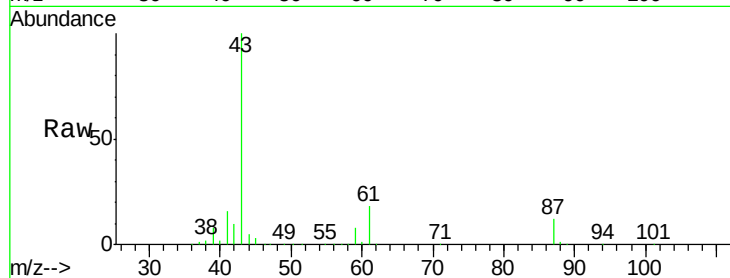
ClientSampleId :

VX0621WBSD01

Tot Ion:	43	Resp:	127192
Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.4	21.6
87	12.5	9.5	14.3

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#44

Trichloroethene

Concen: 20.46 ug/l

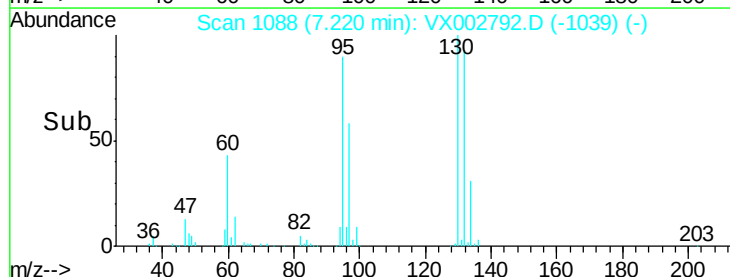
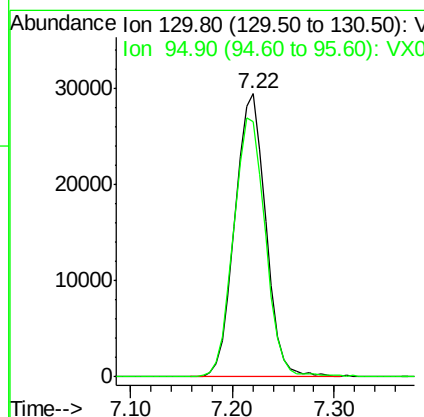
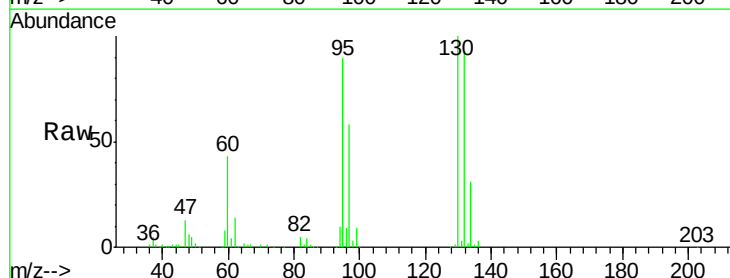
RT: 7.22 min Scan# 1088

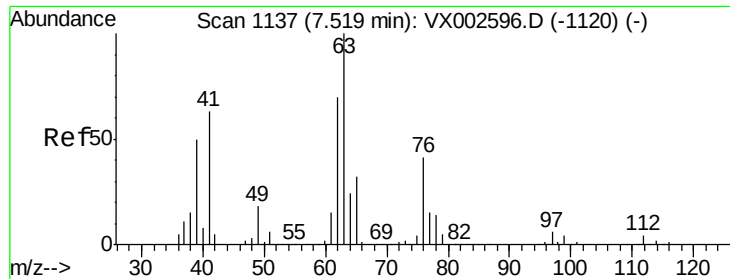
Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion:	130	Resp:	61712
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	185.4





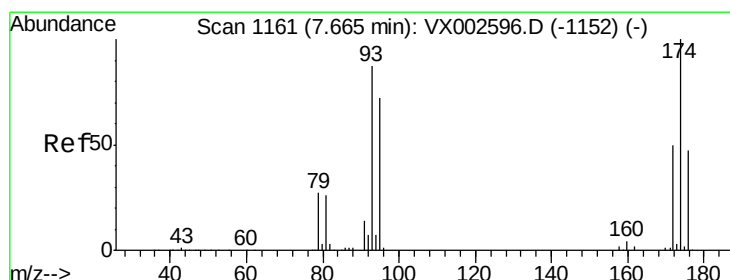
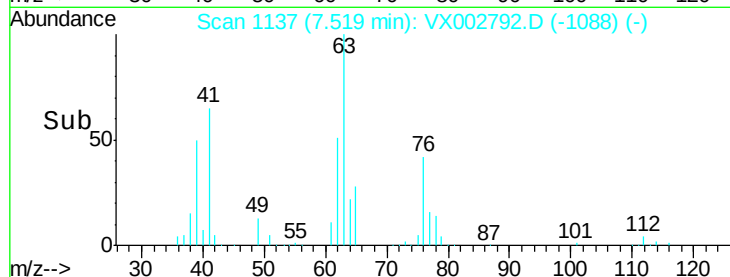
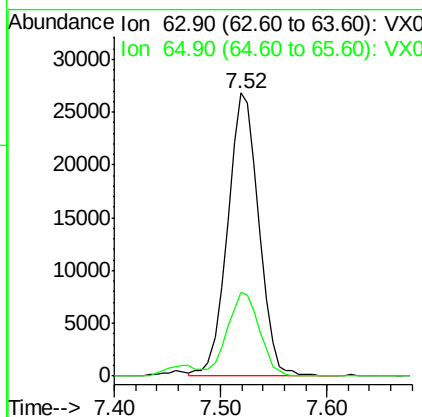
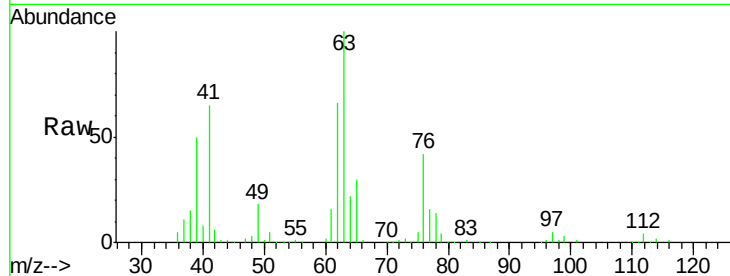
#45
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion: 63 Resp: 54653
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.7 37.1

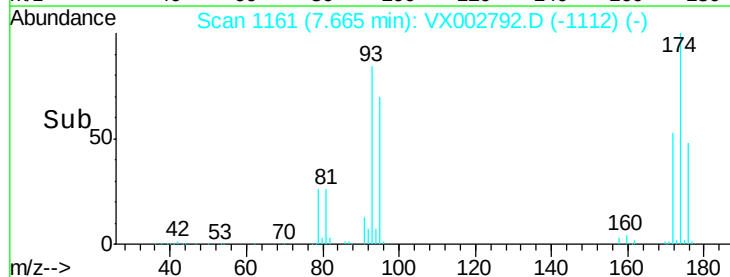
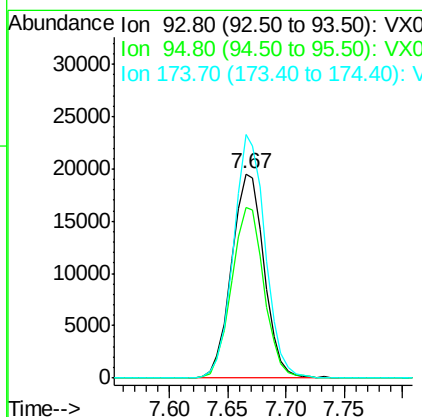
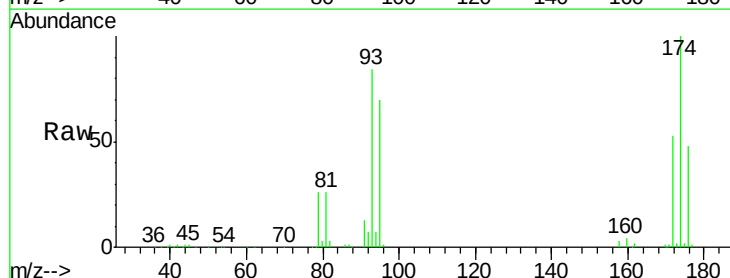
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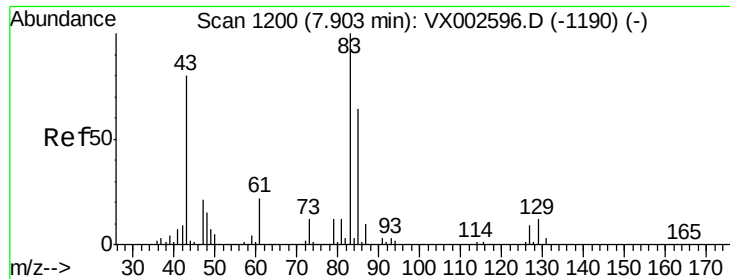
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#46
 Dibromomethane
 Concen: 20.69 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion: 93 Resp: 38068
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 116.3 92.4 138.6





#47

Bromodichloromethane

Concen: 21.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

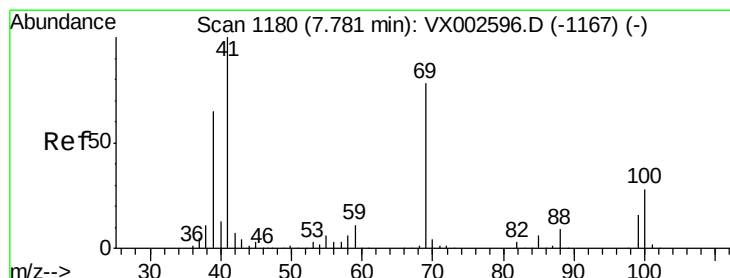
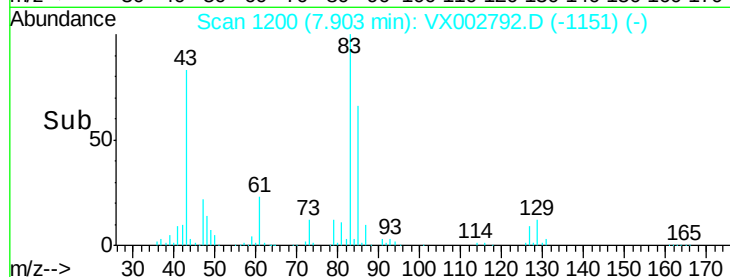
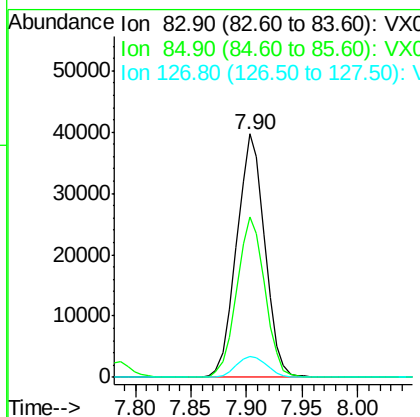
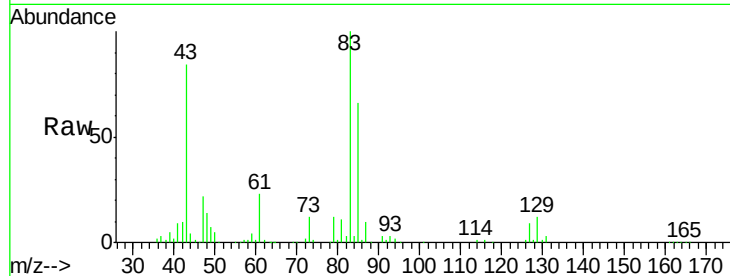
ClientSampleId :

VX0621WBSD01

Tot Ion:	83	Resp:	69578
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.3	75.5
127	8.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.11 ug/l

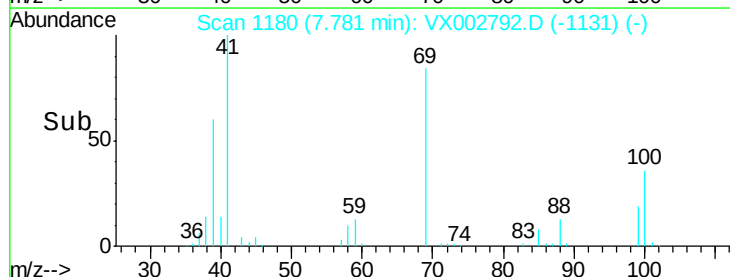
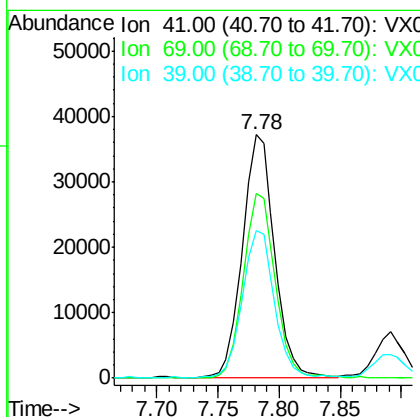
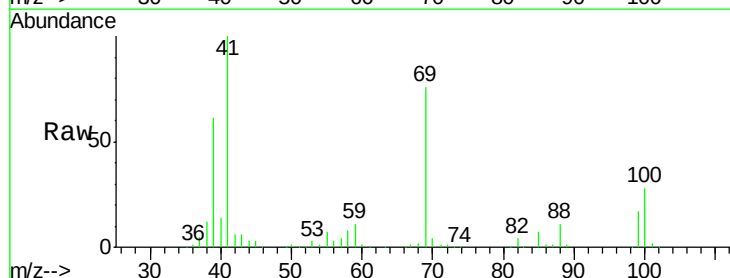
RT: 7.78 min Scan# 1180

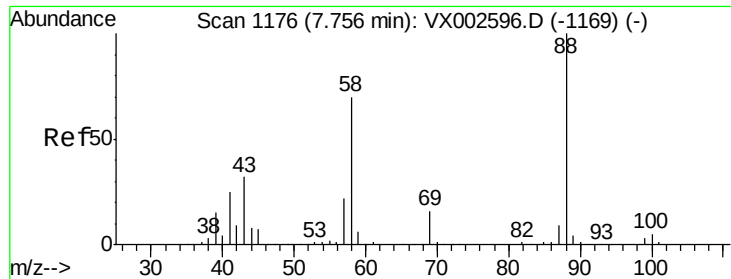
Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion:	41	Resp:	67165
Ion	Ratio	Lower	Upper
41	100		
69	76.1	59.1	88.7
39	61.1	48.9	73.3





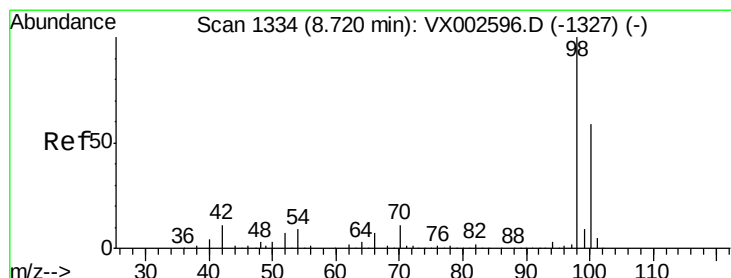
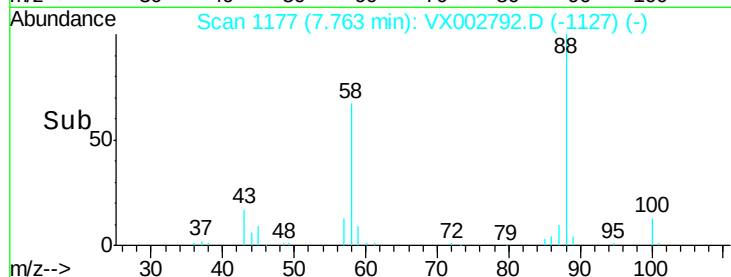
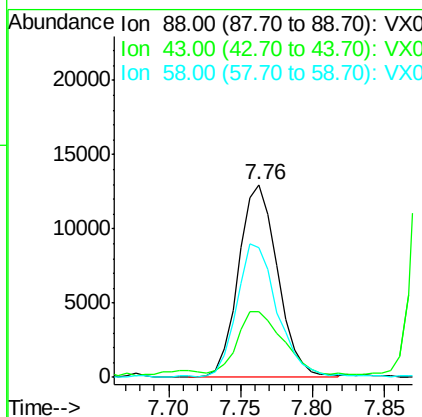
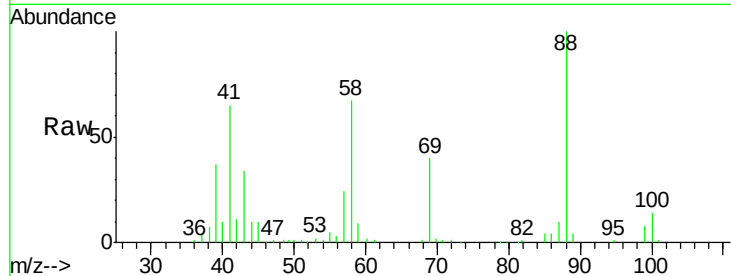
#49
1,4-Dioxane
Concen: 387.83 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	29.8	44.6
58	72.9	57.1	85.7

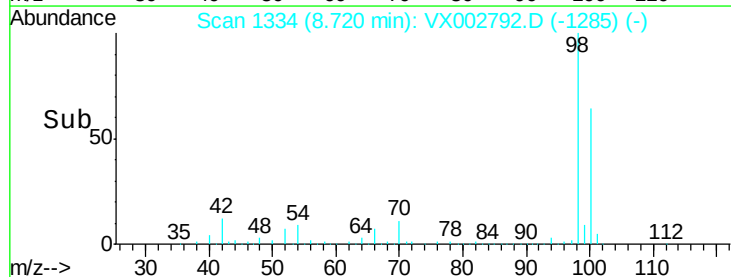
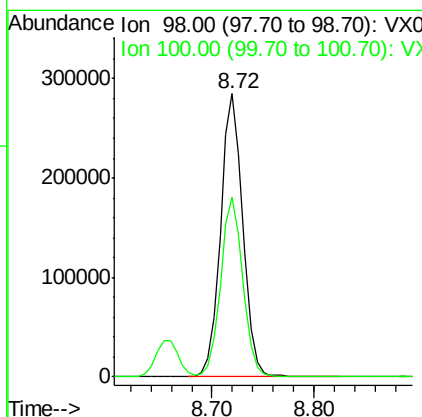
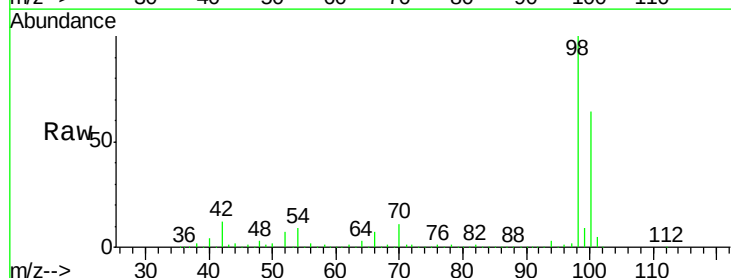
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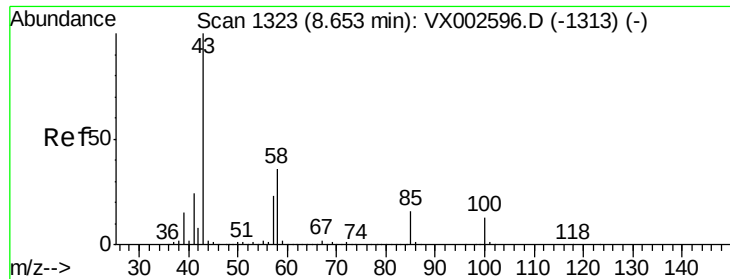
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#50
Toluene-d8
Concen: 43.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





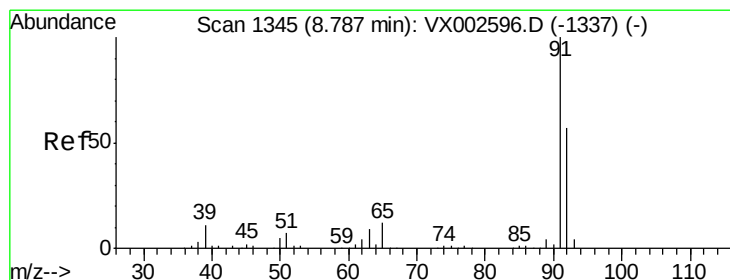
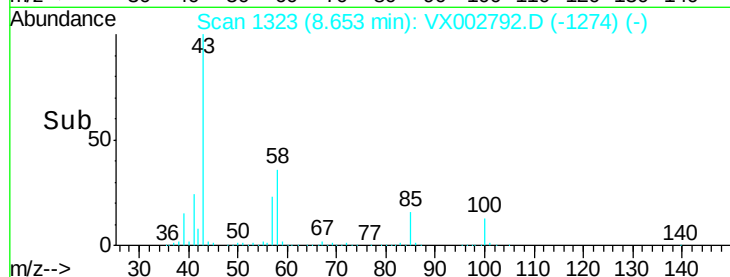
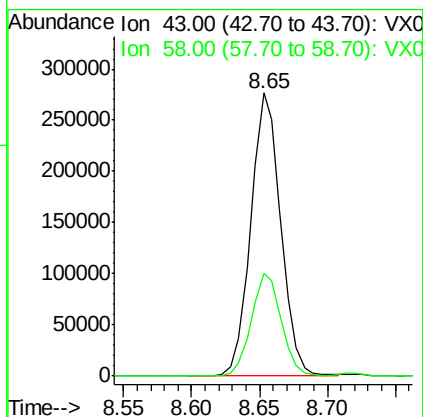
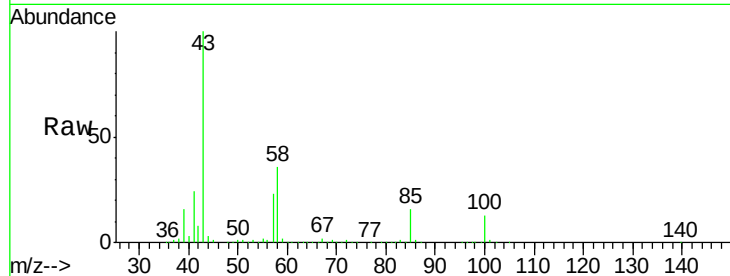
#51
4-Methyl-2-Pentanone
Concen: 101.73 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion: 43 Resp: 426963
Ion Ratio Lower Upper
43 100
58 36.4 28.6 42.8

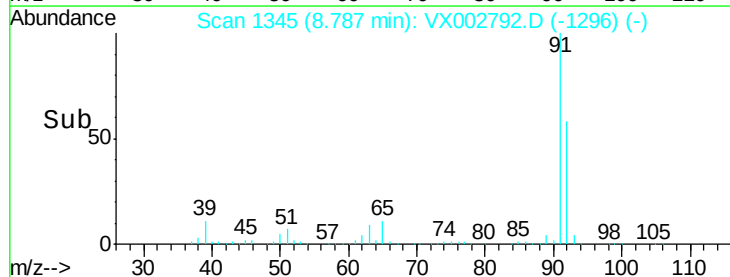
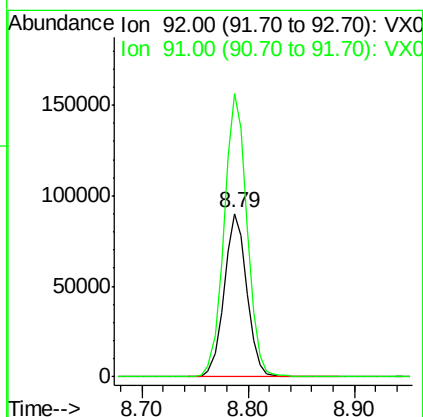
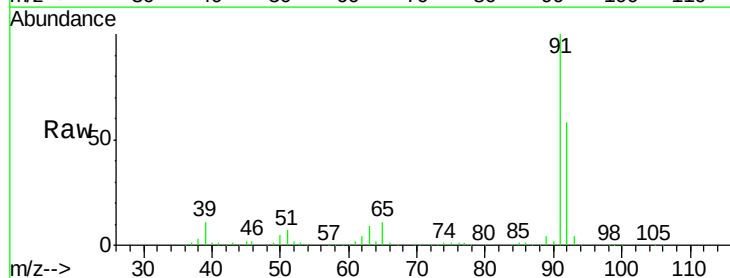
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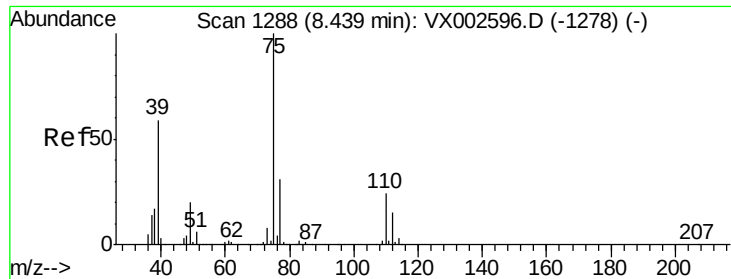
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#52
Toluene
Concen: 20.20 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion: 92 Resp: 134664
Ion Ratio Lower Upper
92 100
91 175.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.88 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 75 Resp: 78907

Ion Ratio Lower Upper

75 100

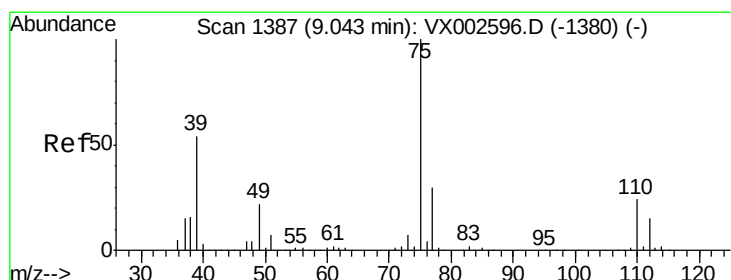
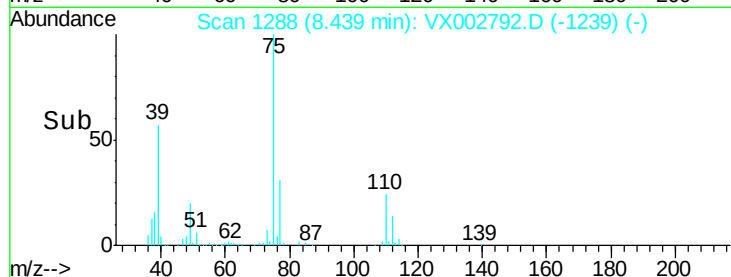
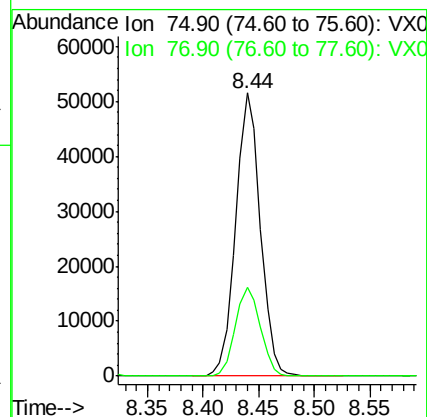
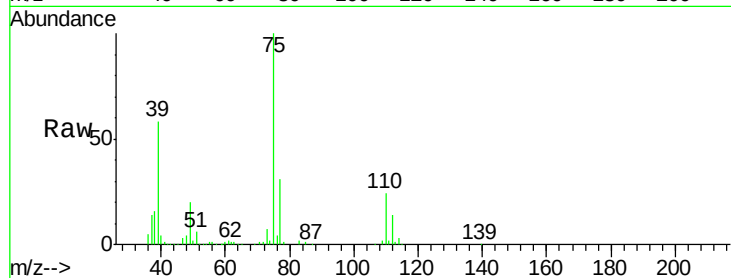
77 31.3 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 19.62 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

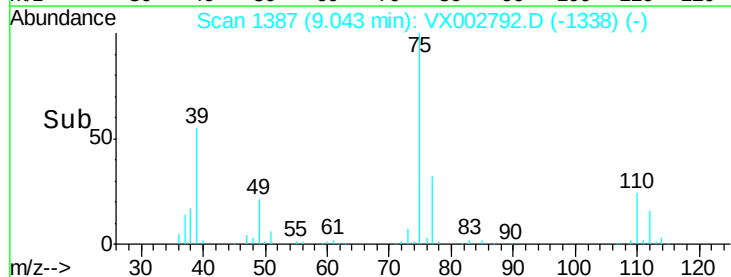
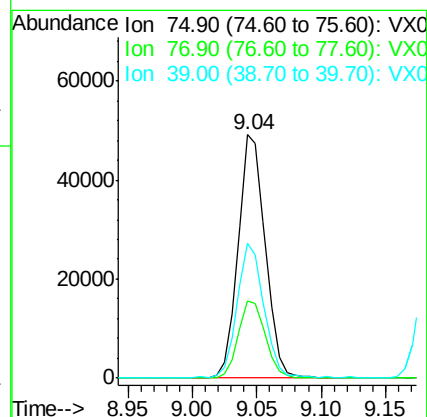
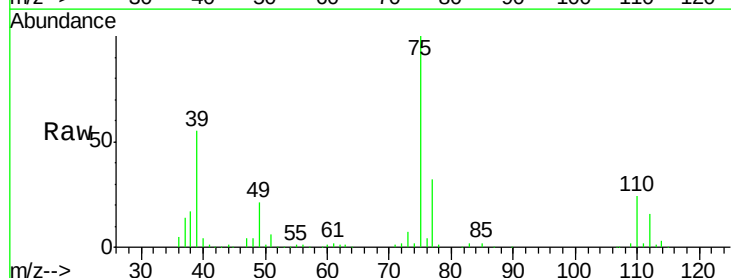
Tgt Ion: 75 Resp: 71862

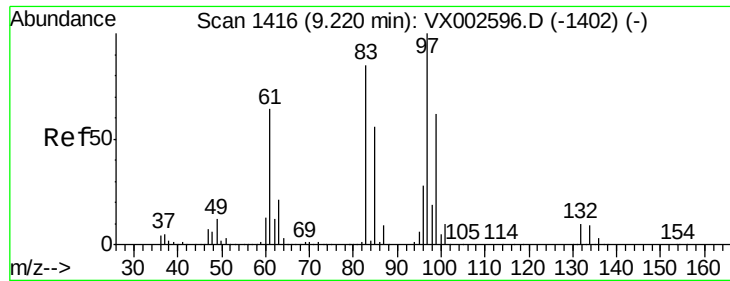
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 55.2 42.4 63.6





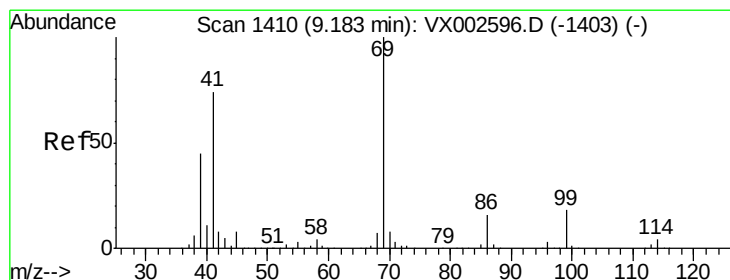
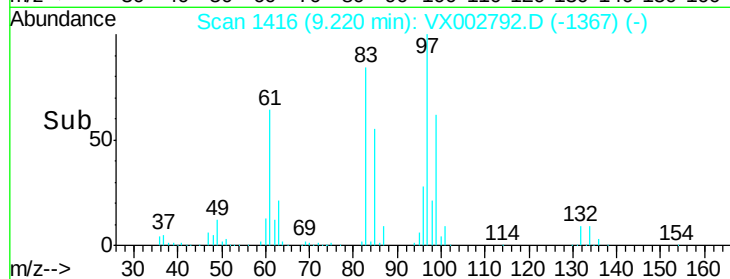
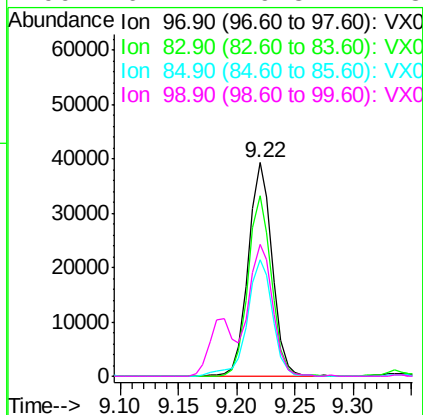
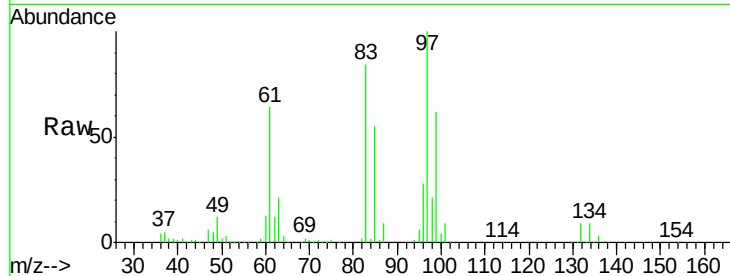
#55
 1,1,2-Trichloroethane
 Concen: 20.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion:	97	Resp:	56554
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	54.6	44.9	67.3
99	61.4	49.8	74.8

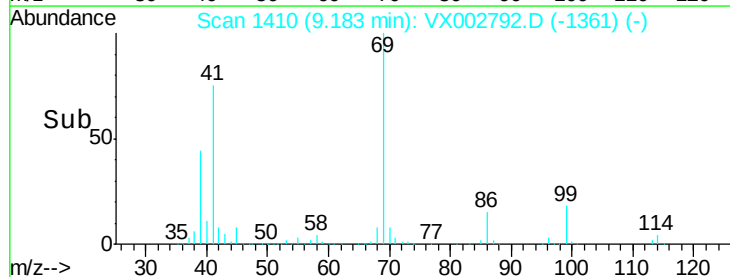
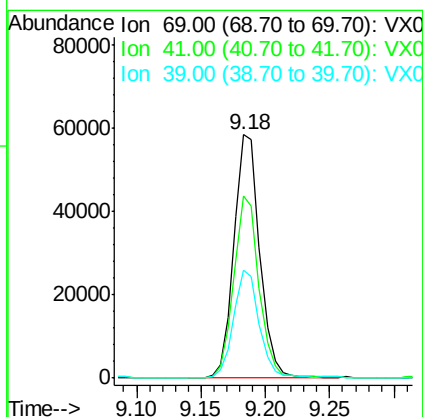
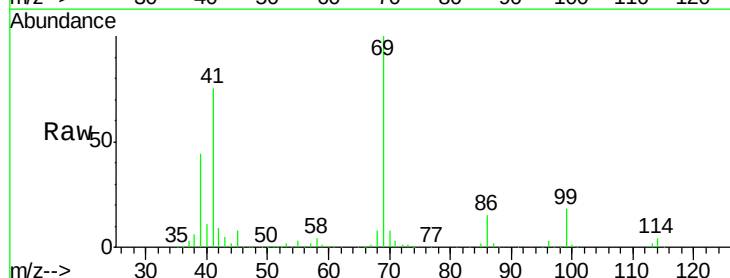
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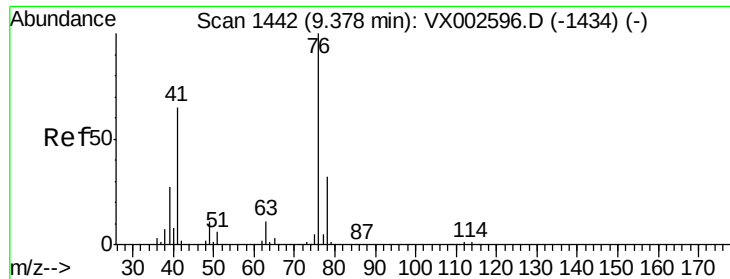
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#56
 Ethyl methacrylate
 Concen: 19.77 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion:	69	Resp:	81976
Ion	Ratio	Lower	Upper
69	100		
41	73.1	60.3	90.5
39	43.4	35.8	53.8





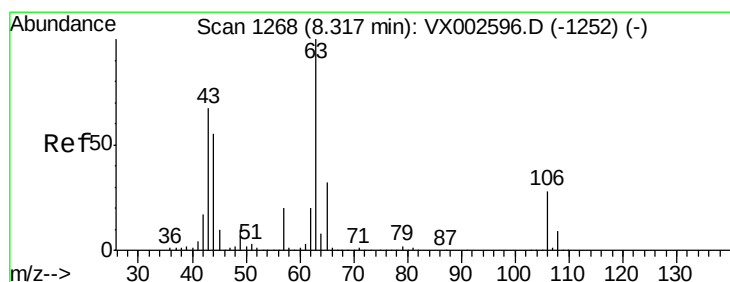
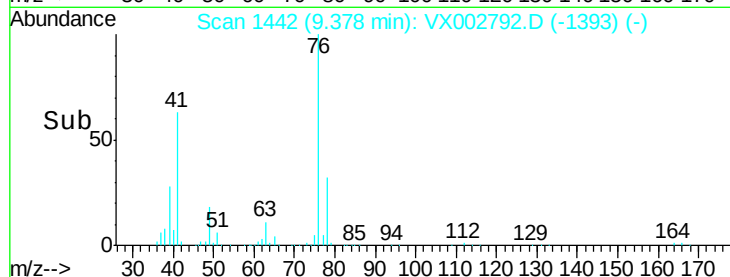
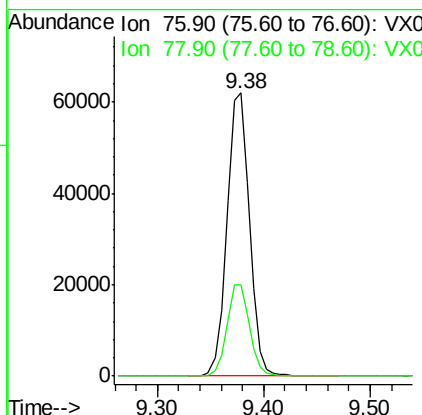
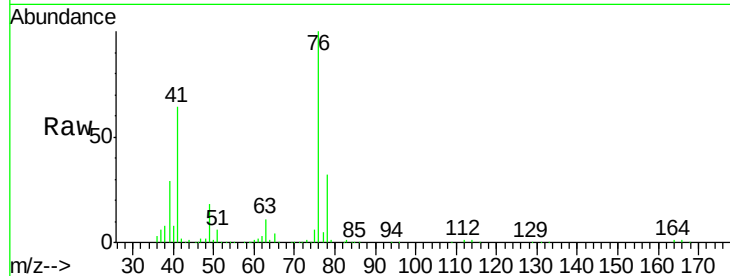
#57
 1,3-Dichloropropane
 Concen: 20.13 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBSD01

Tot Ion: 76 Resp: 91740
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

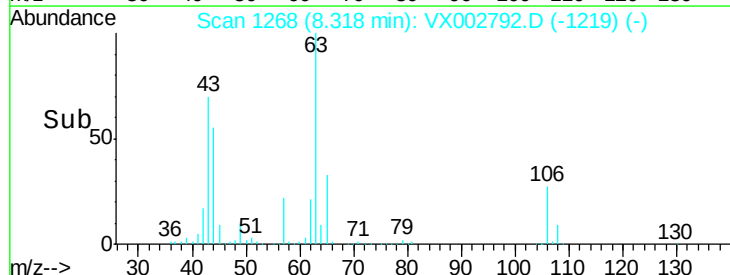
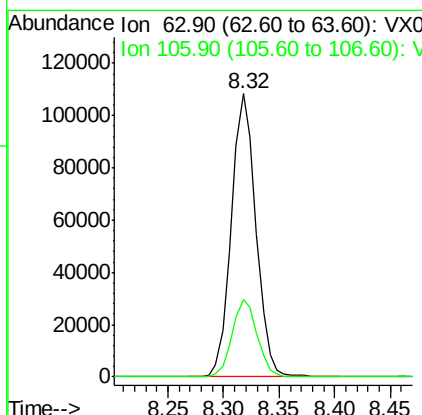
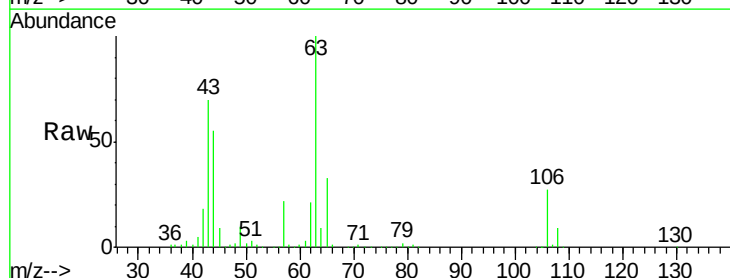
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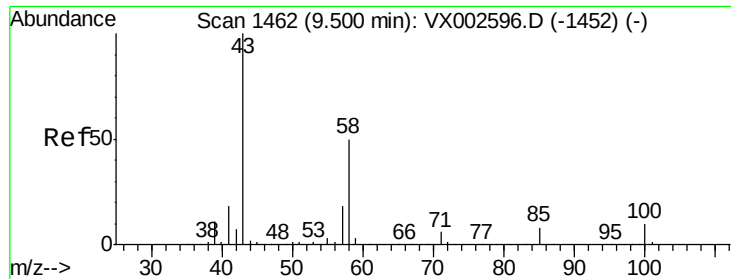
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#58
 2-Chloroethyl Vinyl ether
 Concen: 82.83 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion: 63 Resp: 166098
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8





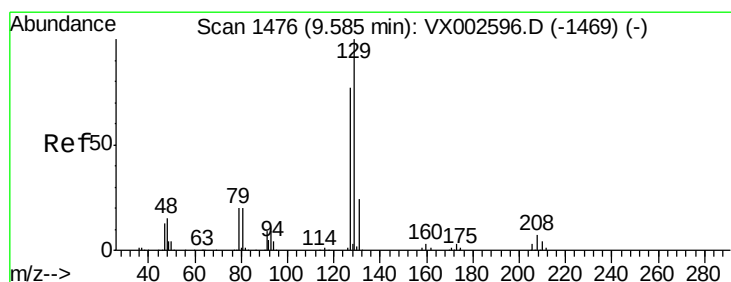
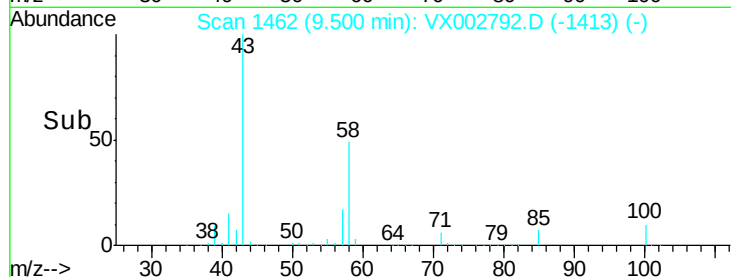
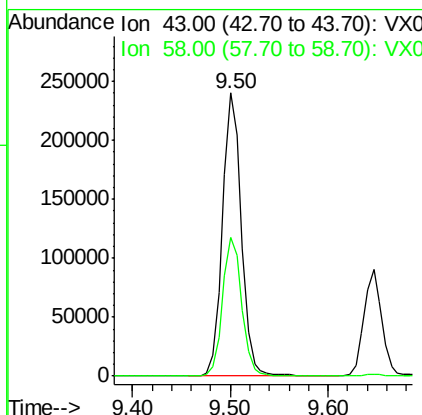
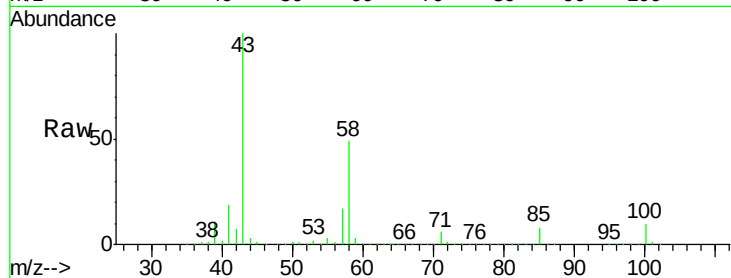
#59
2-Hexanone
Concen: 101.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion: 43 Resp: 321312
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6

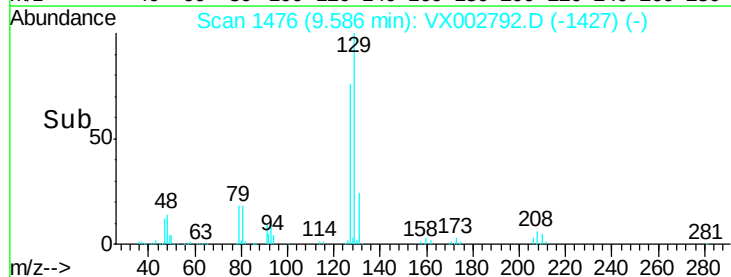
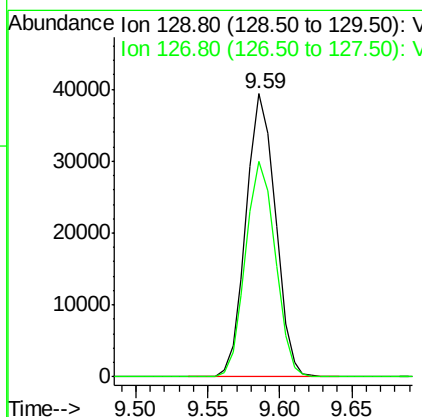
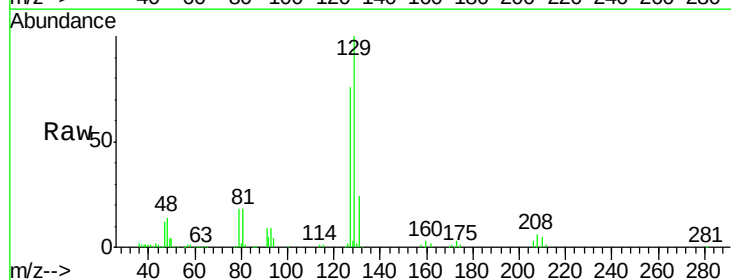
Manual Integrations
APPROVED

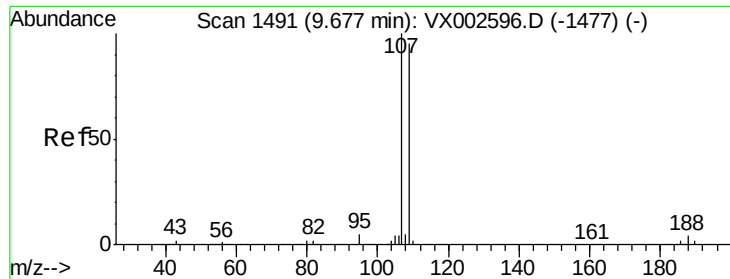
apatel
6/22/2018 1:59:26 PM



#60
Dibromochloromethane
Concen: 20.79 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion: 129 Resp: 55799
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion:107 Resp: 57947

Ion Ratio Lower Upper

107 100

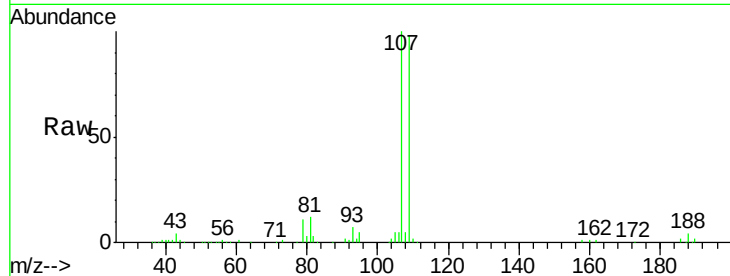
109 95.5 75.3 112.9

Manual Integrations

APPROVED

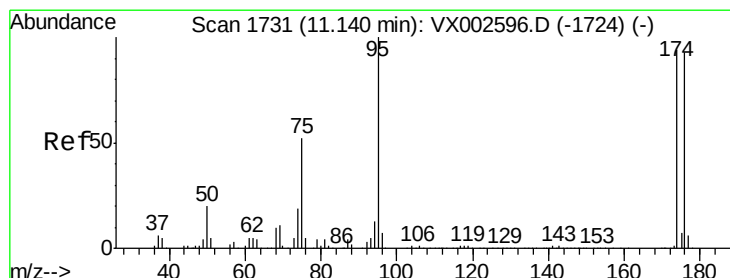
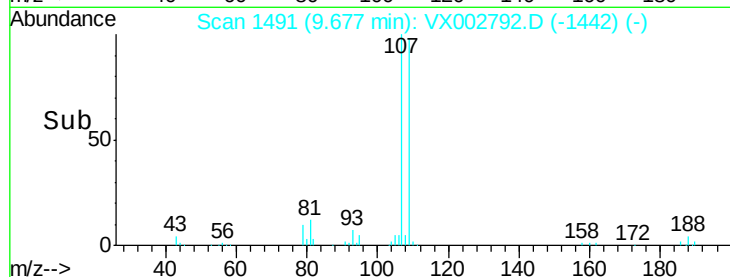
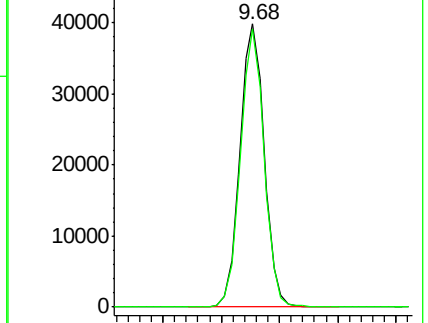
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

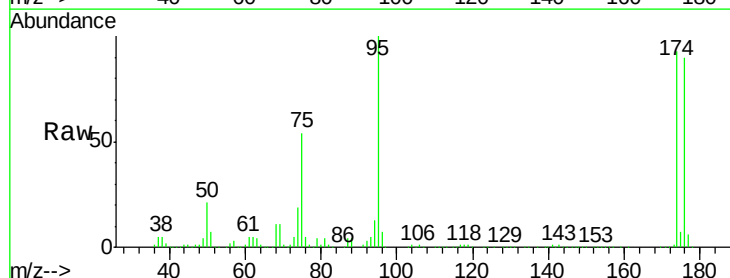
Tgt Ion: 95 Resp: 161844

Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.4

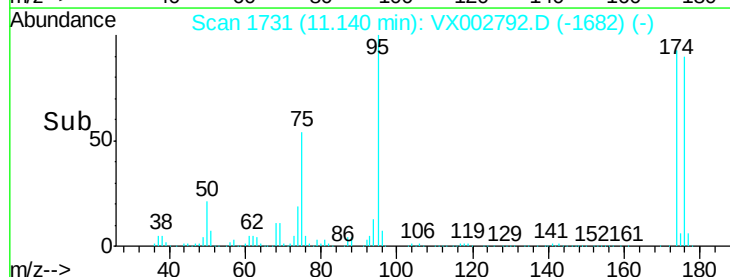
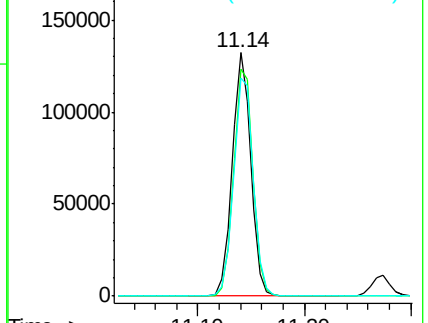
176 95.0 0.0 181.0

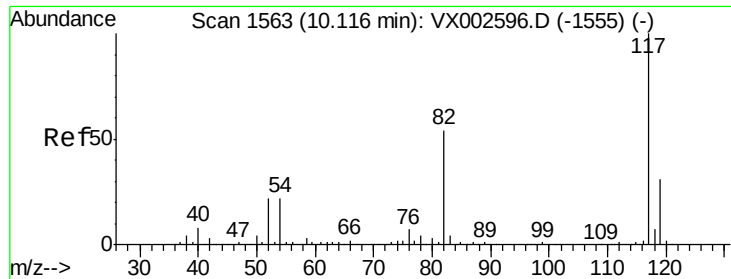


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





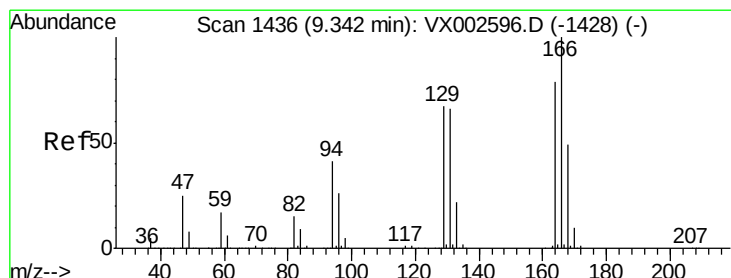
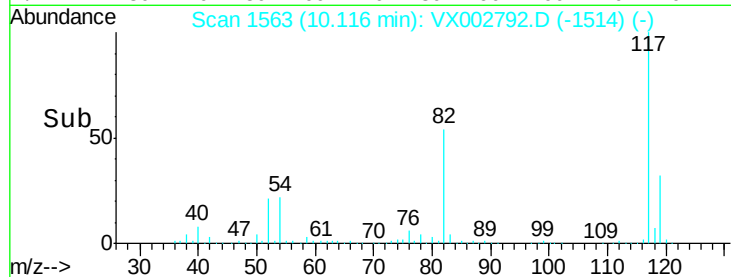
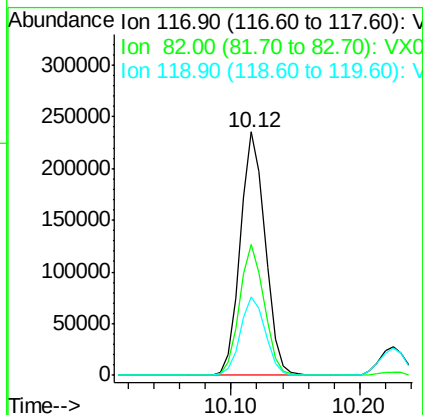
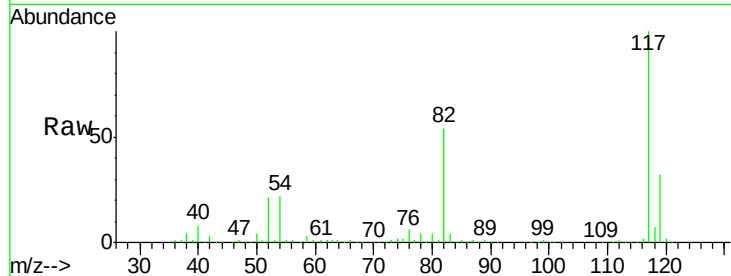
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	32.1	25.8	38.6

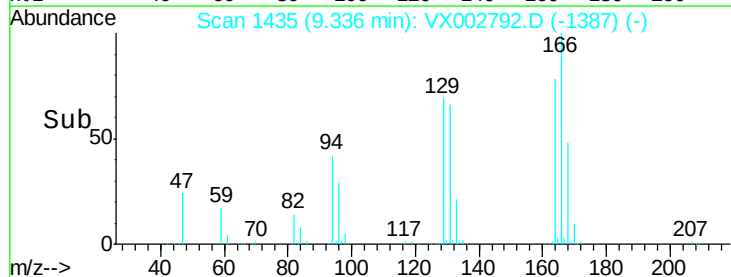
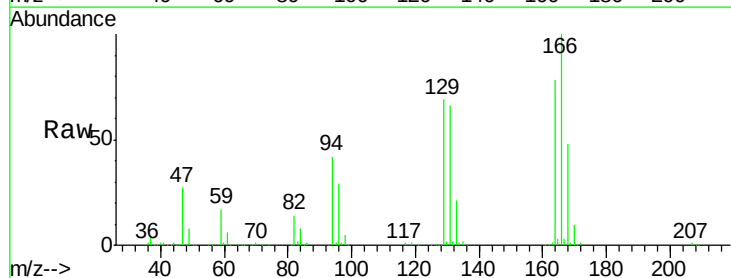
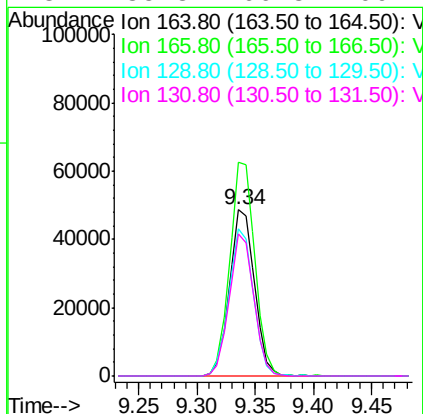
Manual Integrations
APPROVED

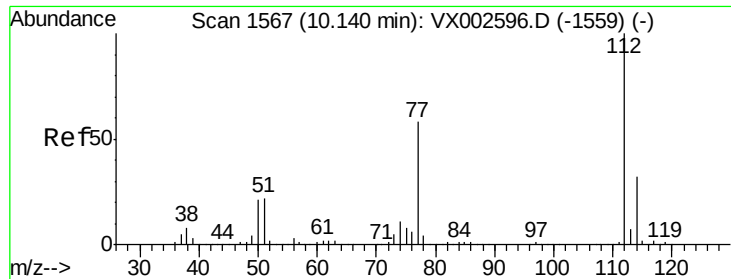
apatel
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#64
Tetrachloroethene
Concen: 21.00 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.9	154.3
129	88.6	68.6	102.8
131	85.3	66.8	100.2





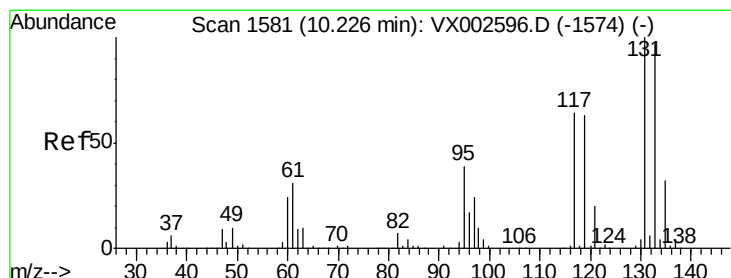
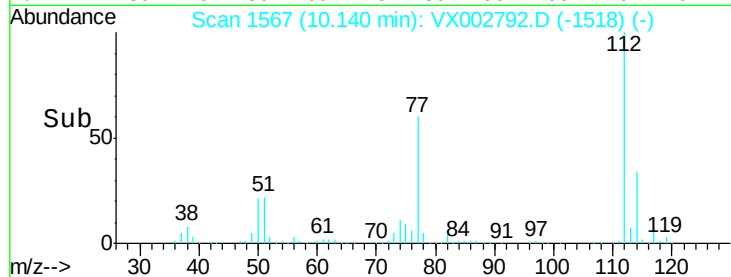
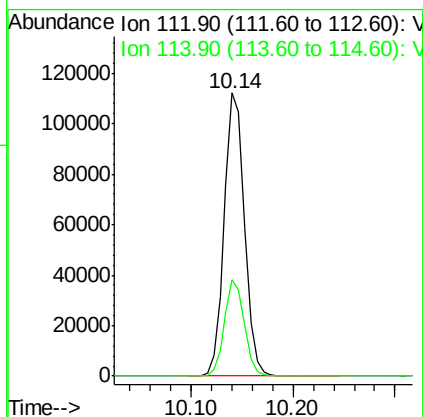
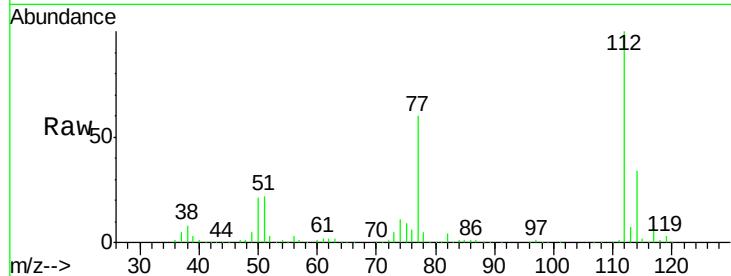
#65
Chlorobenzene
Concen: 20.13 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion:112 Resp: 154892
Ion Ratio Lower Upper
112 100
114 34.0 25.3 37.9

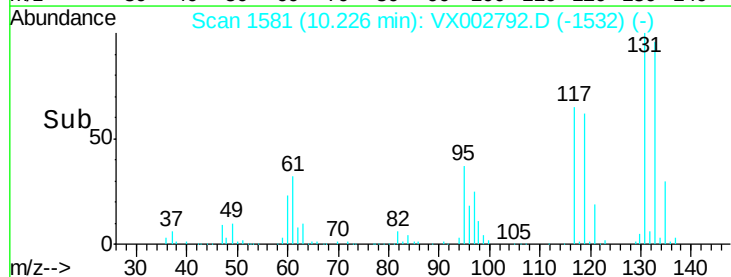
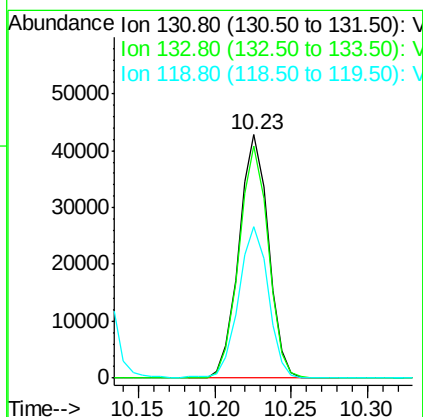
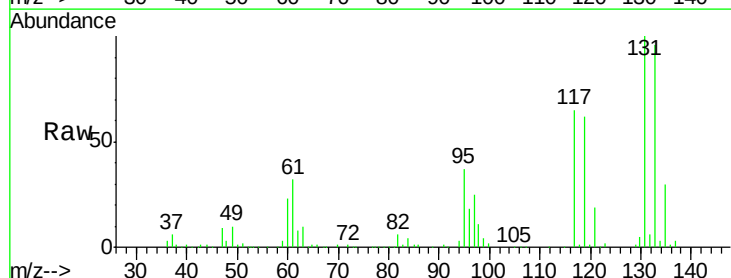
Manual Integrations
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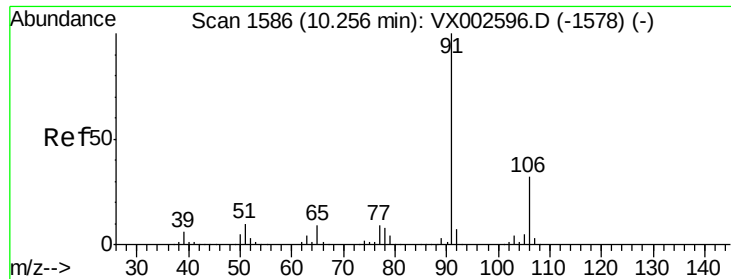
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.81 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion:131 Resp: 57219
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 62.8 31.8 95.3





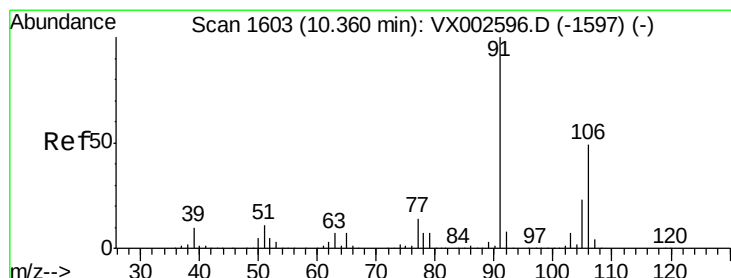
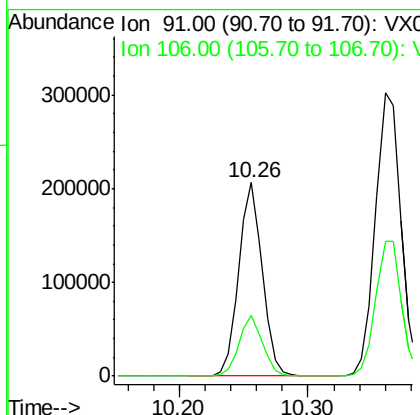
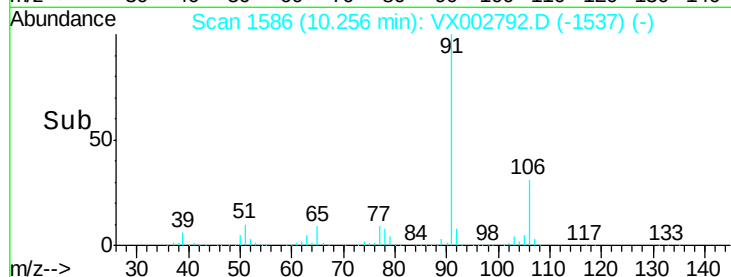
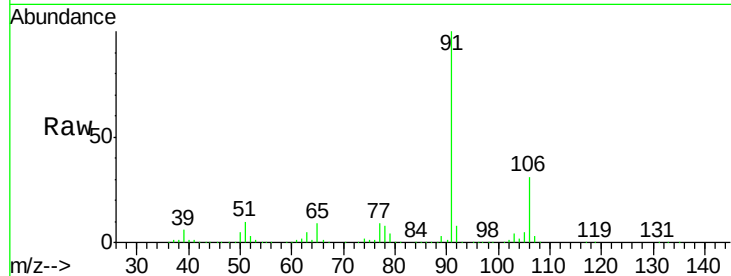
#67
Ethyl Benzene
Concen: 20.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampled :
VX0621WBSD01

Tot Ion: 91 Resp: 262205
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

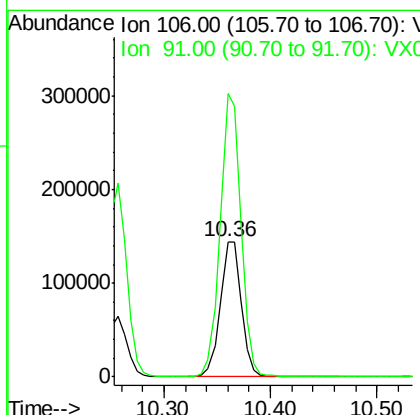
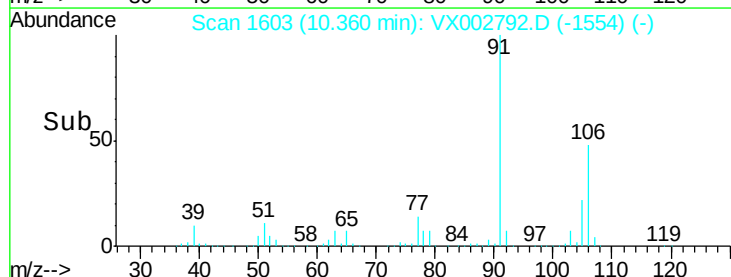
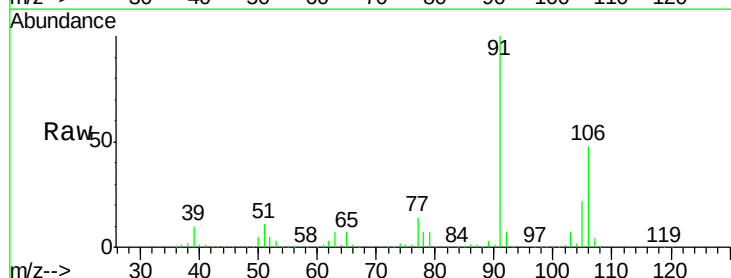
Manual Integrations
APPROVED

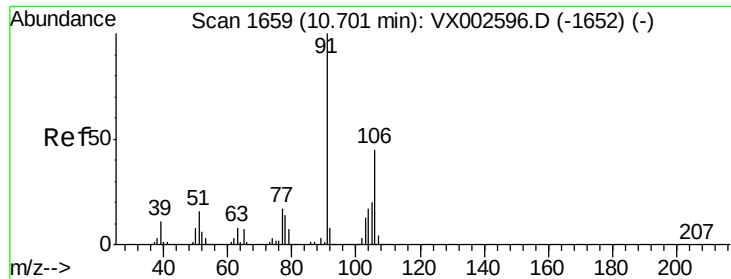
apatel
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#68
m/p-Xylenes
Concen: 39.83 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion: 106 Resp: 199440
Ion Ratio Lower Upper
106 100
91 207.4 163.4 245.2





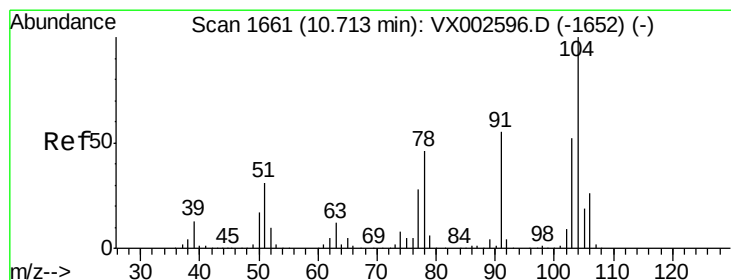
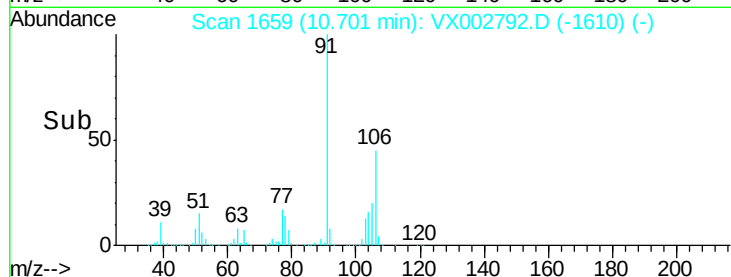
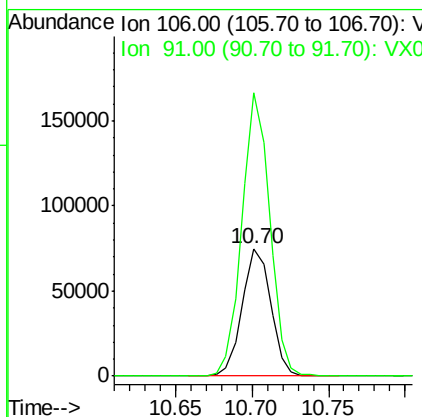
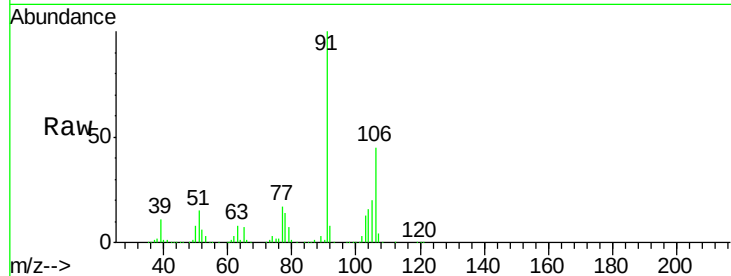
#69
o-Xylene
Concen: 19.84 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion:106 Resp: 97577
Ion Ratio Lower Upper
106 100
91 216.0 108.2 324.6

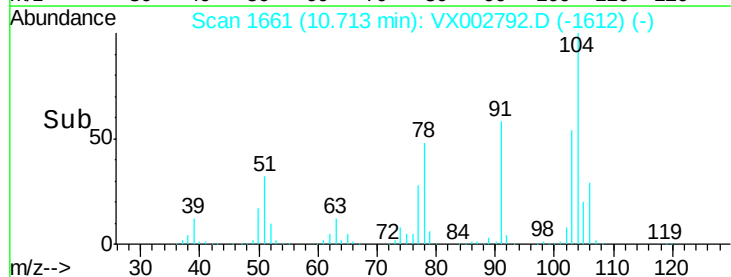
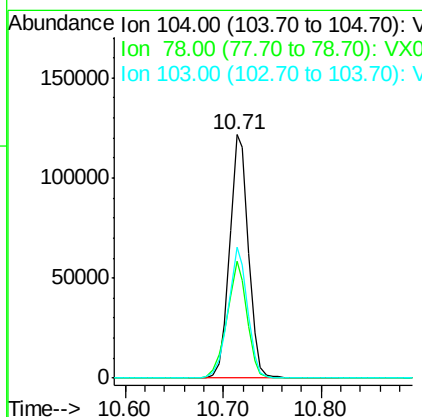
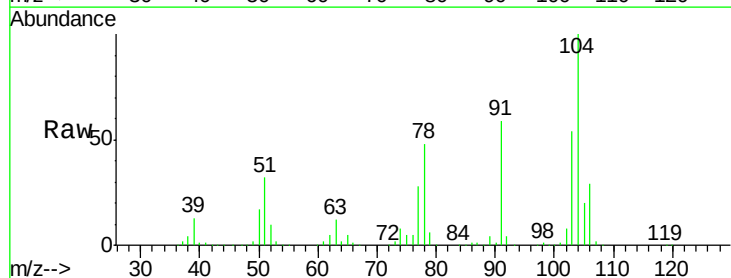
Manual Integrations
APPROVED

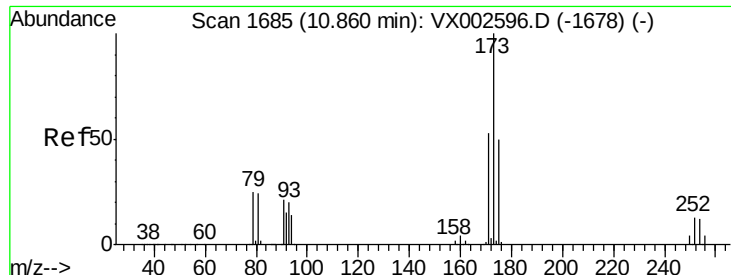
apatel
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#70
Styrene
Concen: 19.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion:104 Resp: 161643
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 20.82 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion:173 Resp: 42261

Ion Ratio Lower Upper

173 100

175 48.8 24.7 74.1

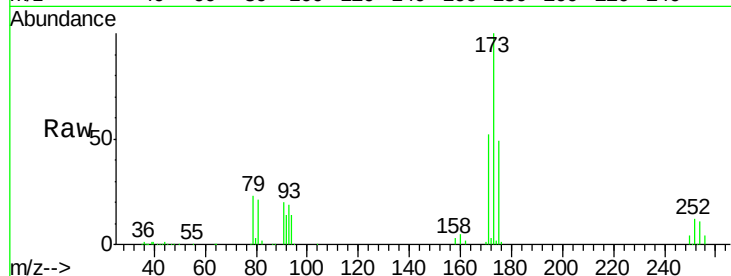
254 0.0 0.2 0.2#

Manual Integrations

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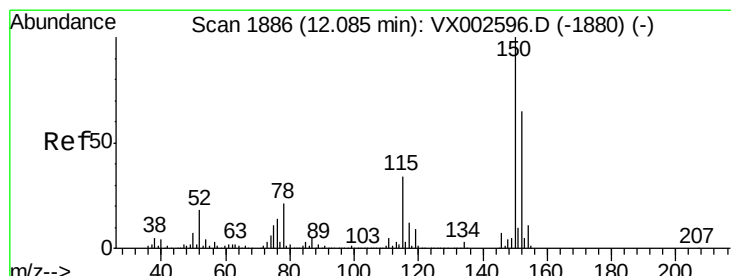
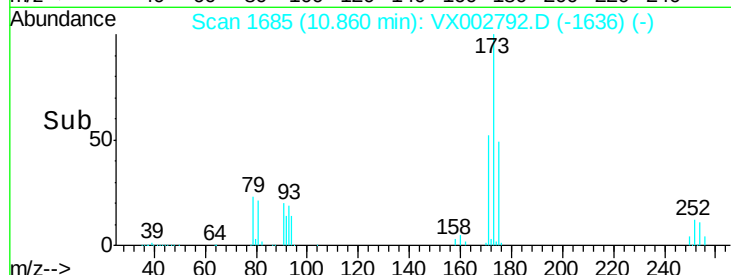
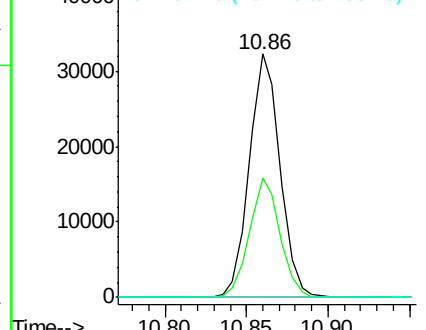
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX002792.D

Acq: 21 Jun 2018 16:56

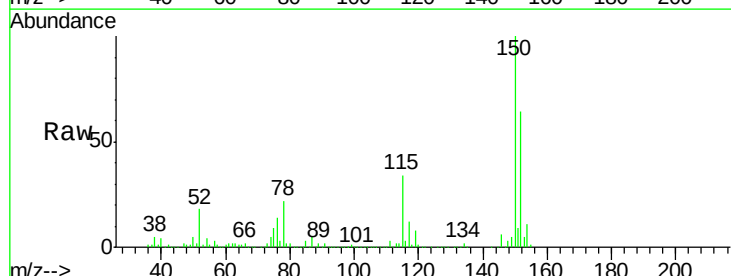
Tgt Ion:152 Resp: 194712

Ion Ratio Lower Upper

152 100

115 63.9 40.1 120.2

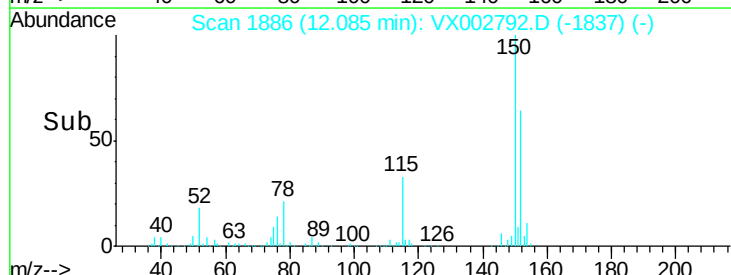
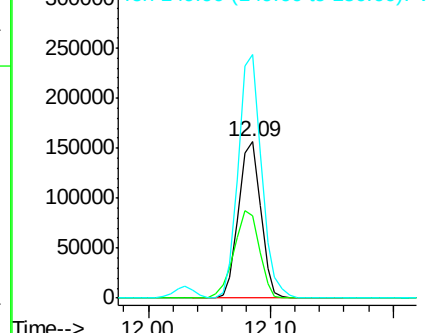
150 163.6 0.0 347.2

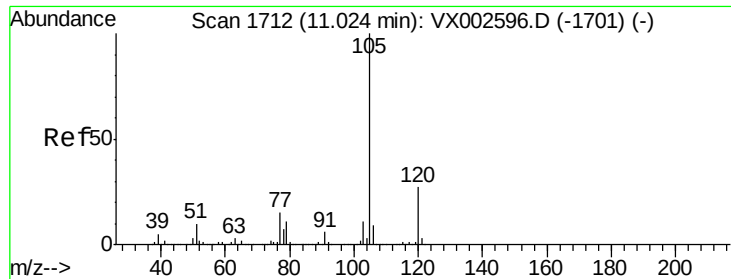


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.72 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 105 Resp: 269850

Ion Ratio Lower Upper

105 100

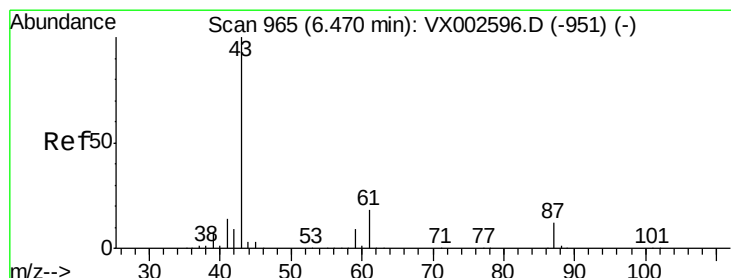
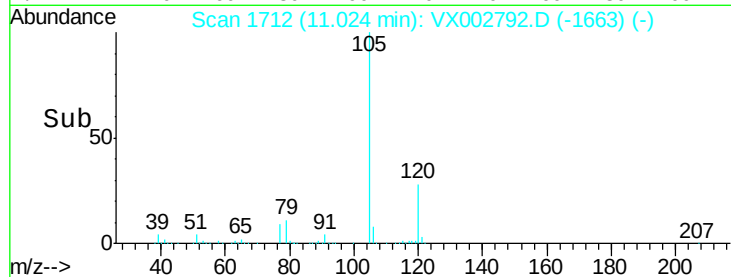
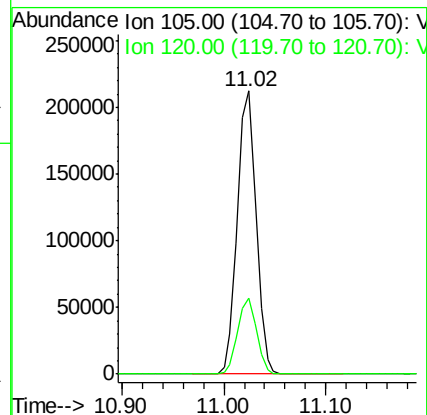
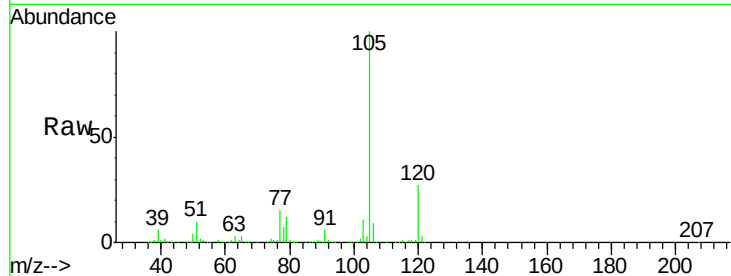
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.66 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion: 43 Resp: 127192

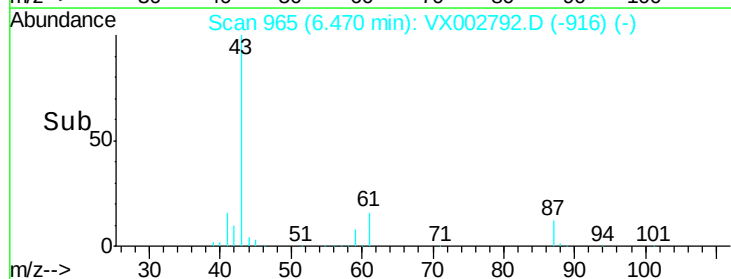
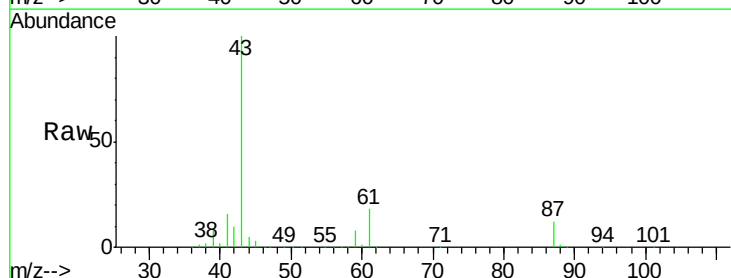
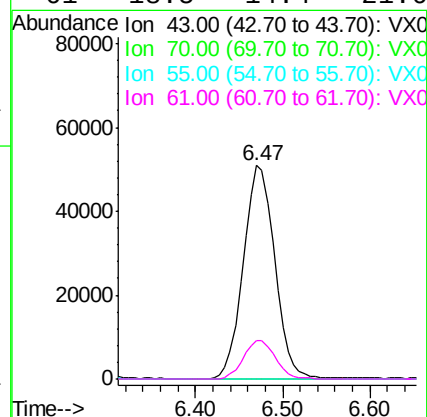
Ion Ratio Lower Upper

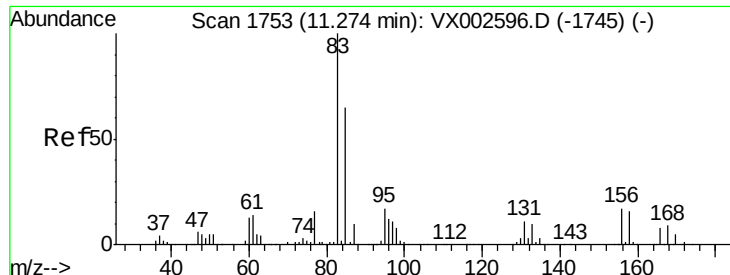
43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 18.5 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

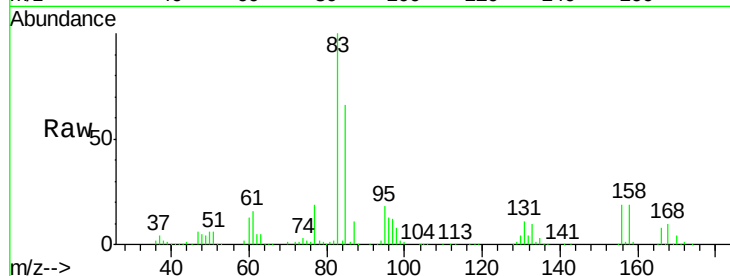
ClientSampleId :

VX0621WBSD01

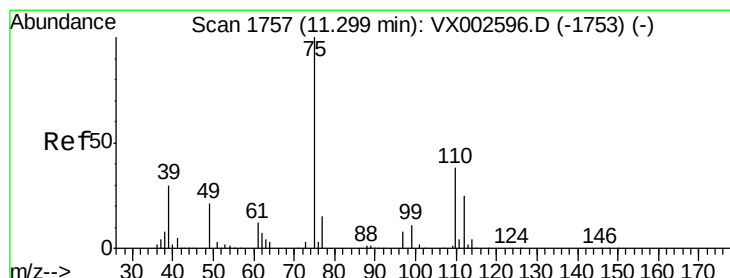
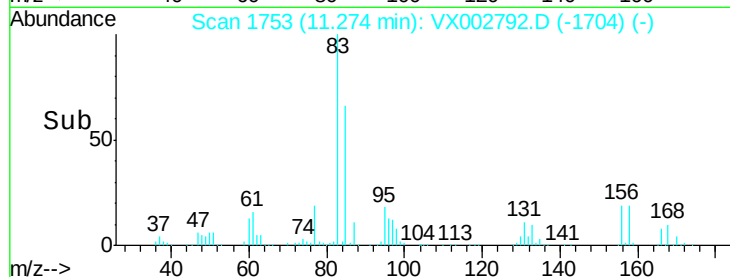
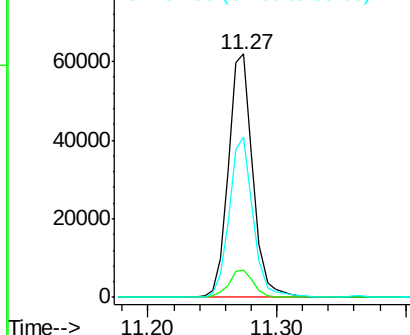
Tot Ion:	83	Resp:	82468
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.2	32.4	97.2

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



#76

1,2,3-Trichloropropane

Concen: 22.27 ug/l m

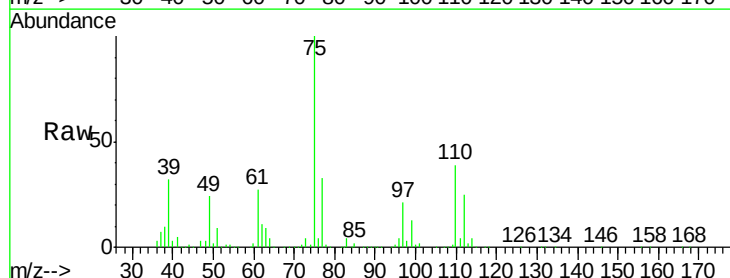
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

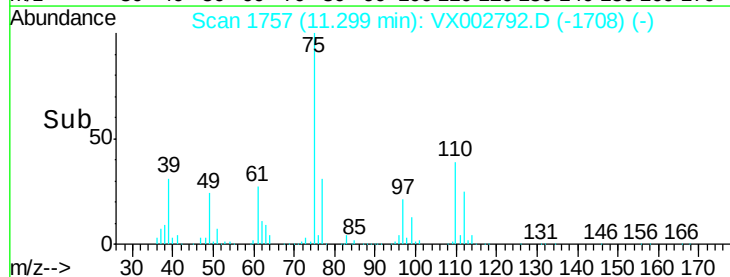
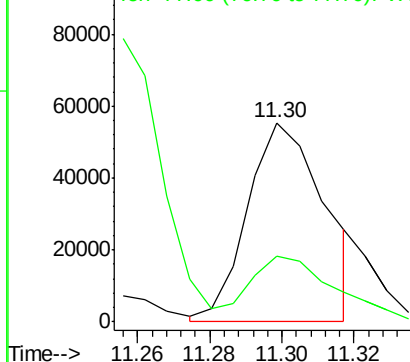
Lab File: VX002792.D

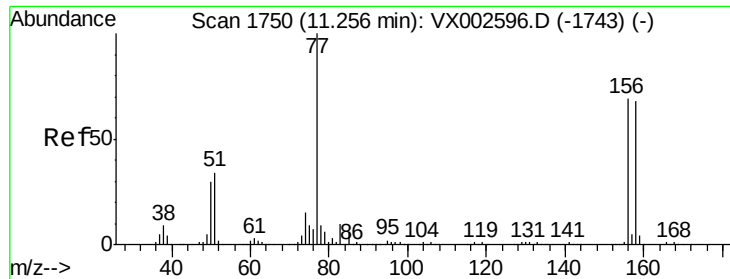
Acq: 21 Jun 2018 16:56

Tgt Ion:	75	Resp:	81828
Ion Ratio	Lower	Upper	
75	100		
77	37.0	22.8	68.3



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





#77

Bromobenzene

Concen: 20.44 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

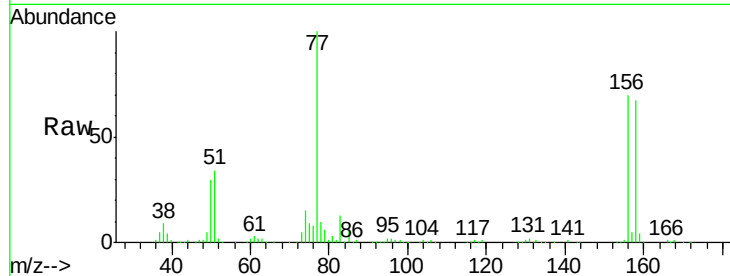
ClientSampleId :

VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.8	71.4	214.2
158	98.9	48.9	146.6

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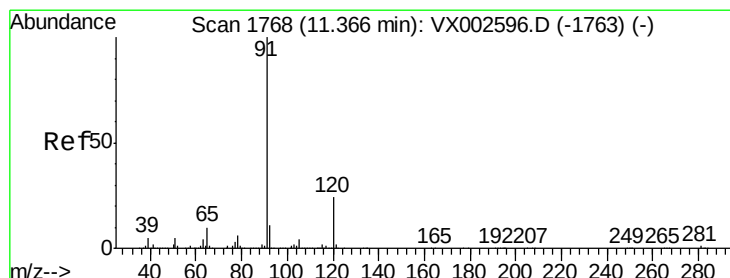
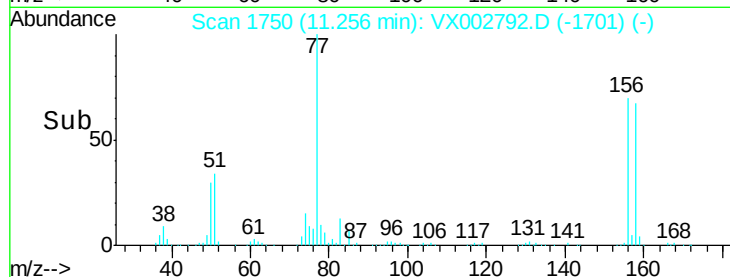
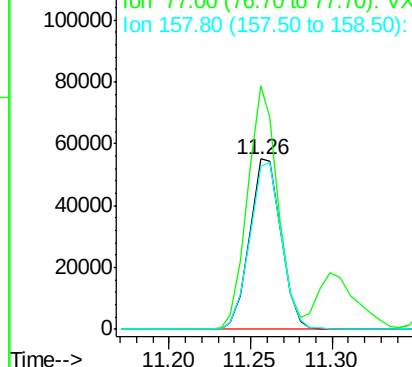
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.39 ug/l

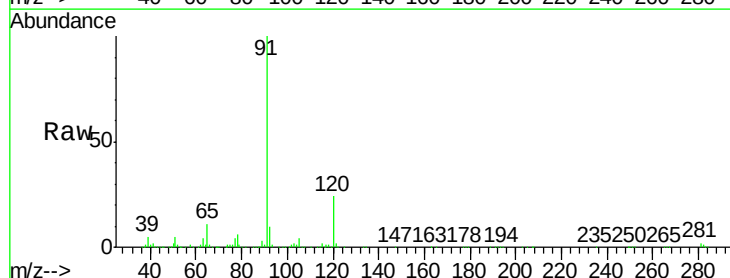
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002792.D

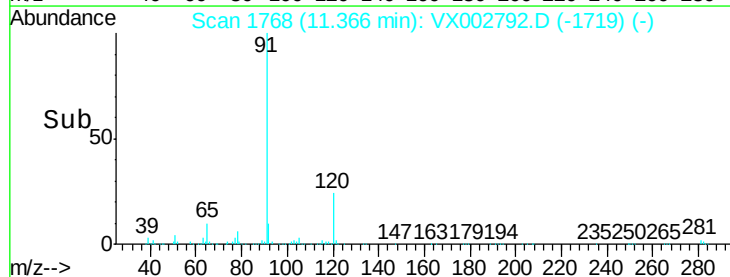
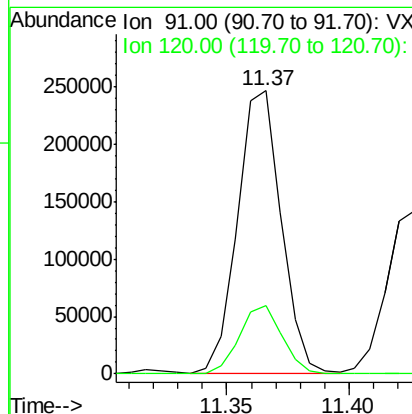
Acq: 21 Jun 2018 16:56

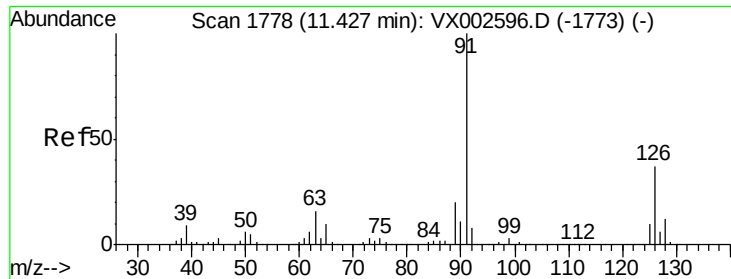
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





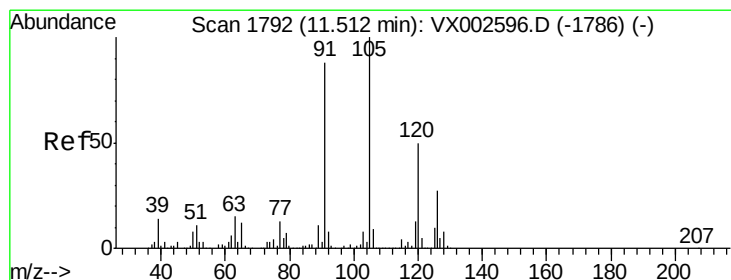
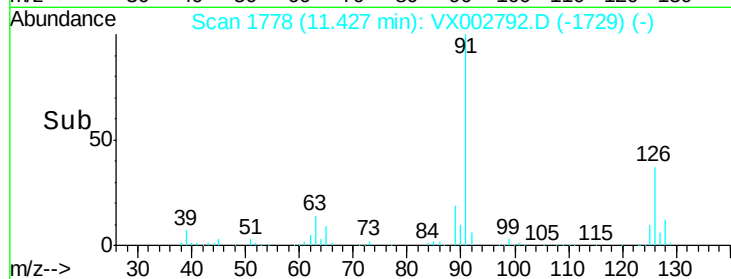
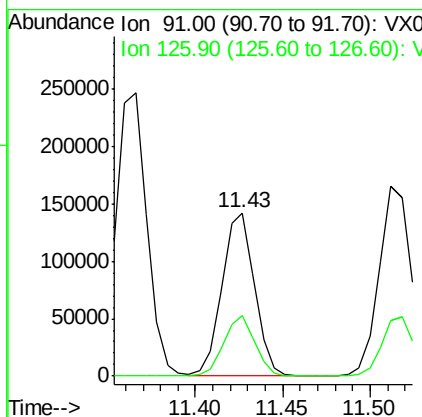
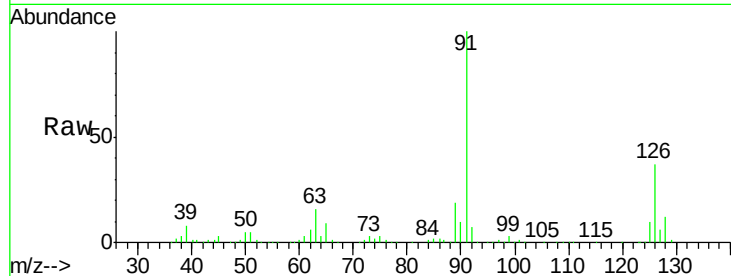
#79
 2-Chlorotoluene
 Concen: 20.53 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion: 91 Resp: 183032
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1

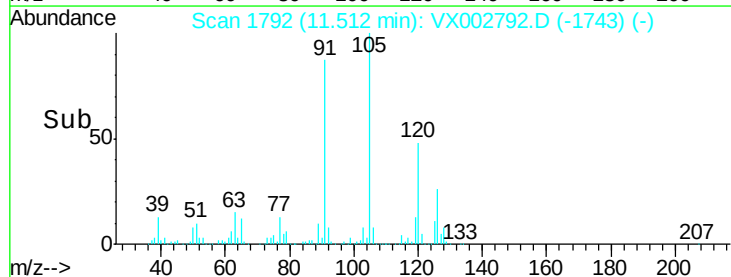
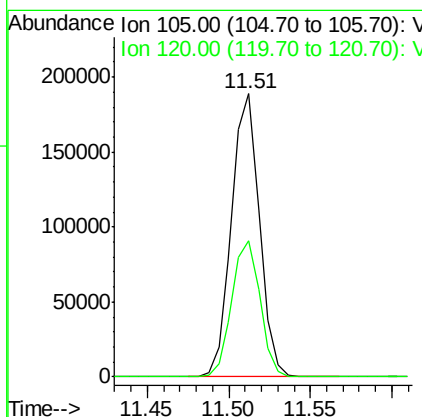
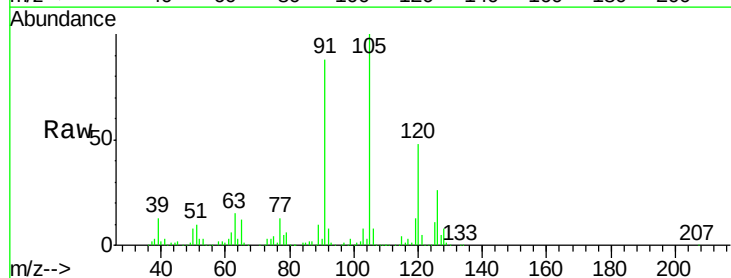
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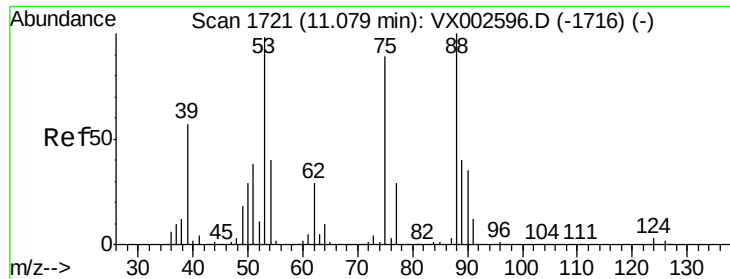
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.39 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion: 105 Resp: 224410
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion: 75 Resp: 18784

Ion Ratio Lower Upper

75 100

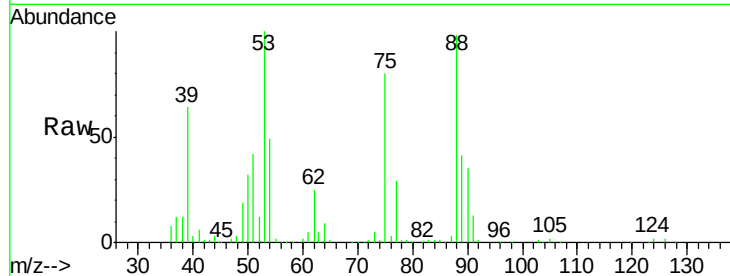
53 123.2 86.8 130.2

89 51.4 38.2 57.2

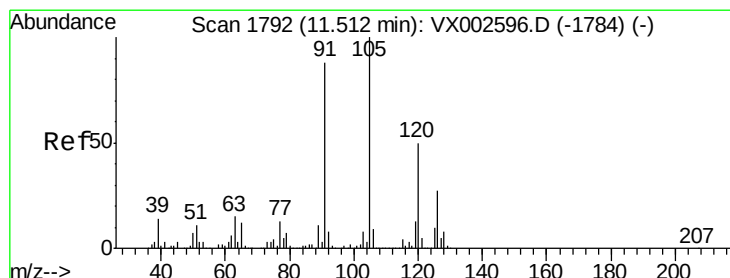
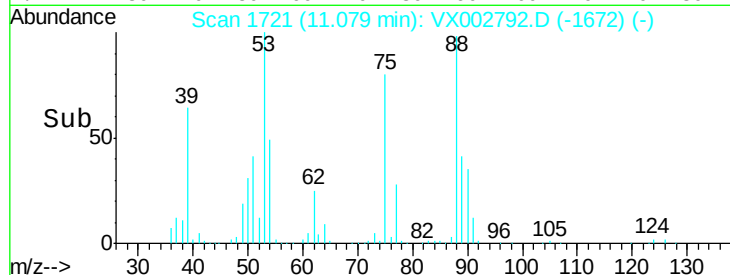
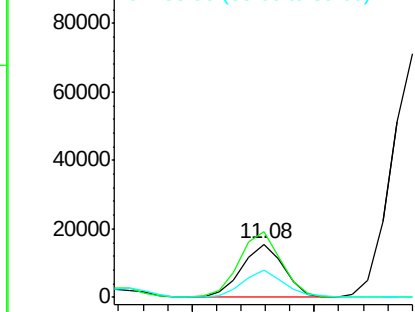
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002792.D

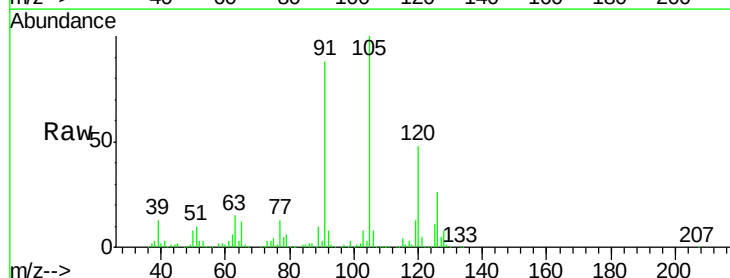
Acq: 21 Jun 2018 16:56

Tgt Ion: 91 Resp: 212113

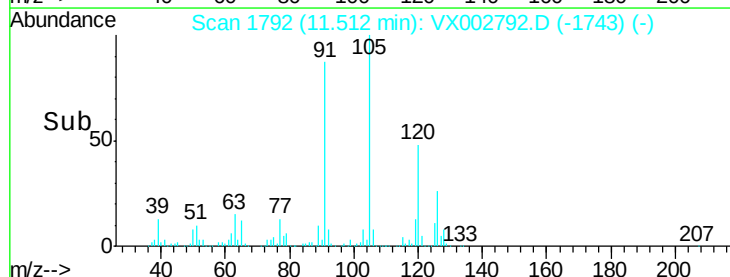
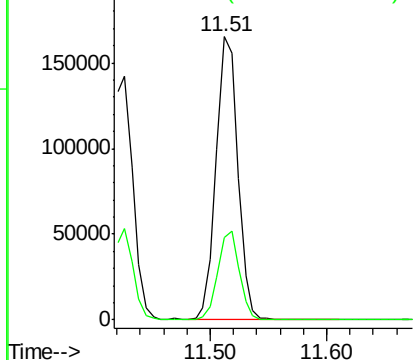
Ion Ratio Lower Upper

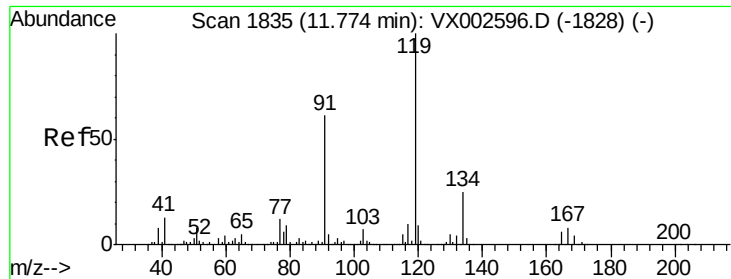
91 100

126 30.9 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





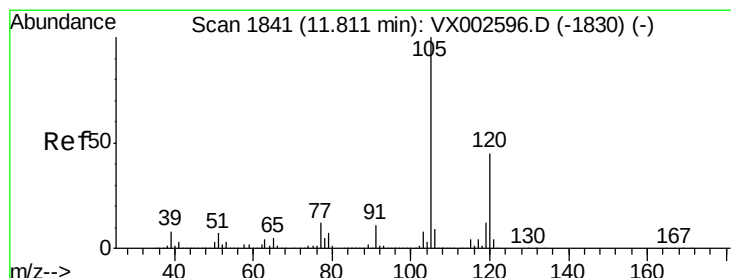
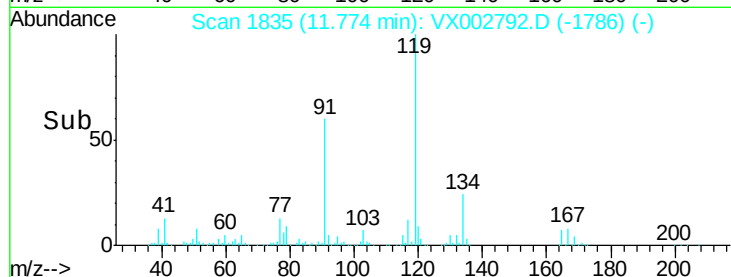
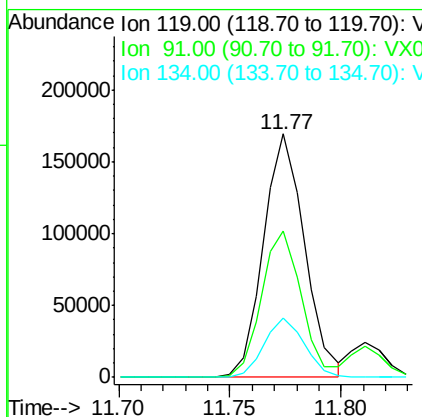
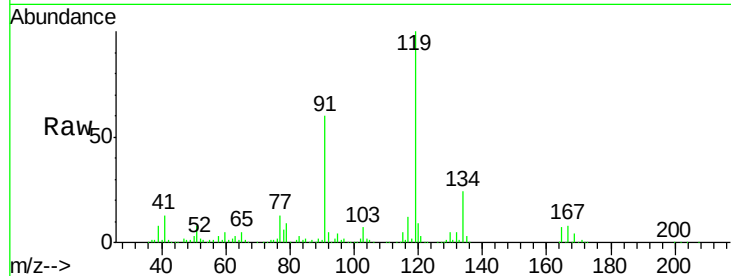
#83
 tert-Butylbenzene
 Concen: 20.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217048		
91	59.3		30.3	90.9
134	24.1		11.7	35.1

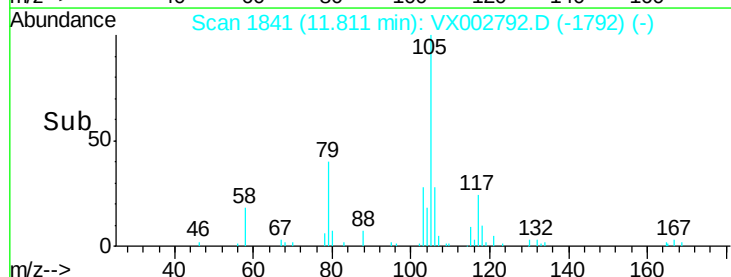
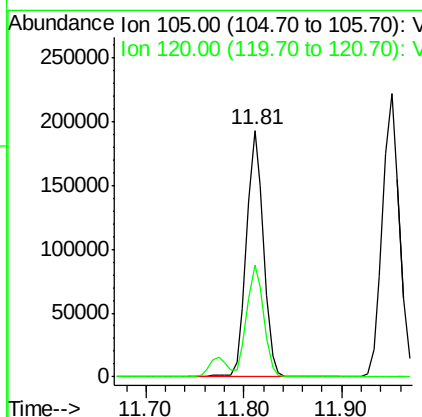
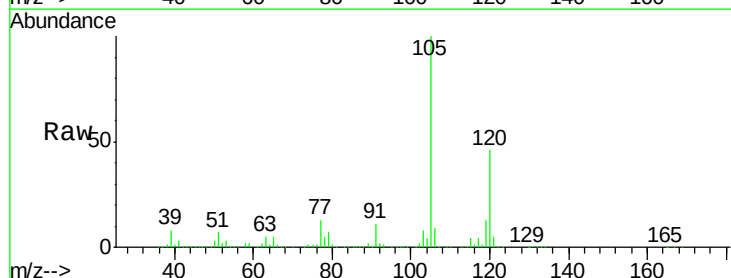
Manual Integrations
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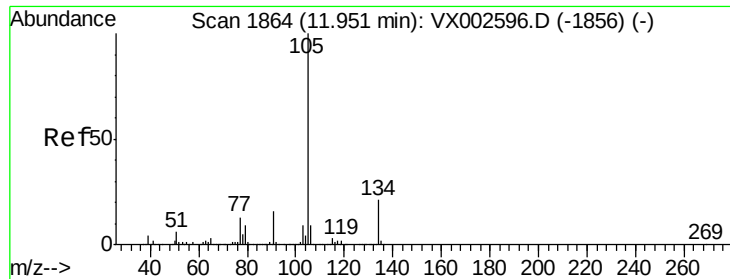
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.73 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232755		
120	45.4		22.3	66.8





#85

sec-Butylbenzene

Concen: 20.34 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleID :

VX0621WBSD01

Tot Ion:105 Resp: 268100

Ion Ratio Lower Upper

105 100

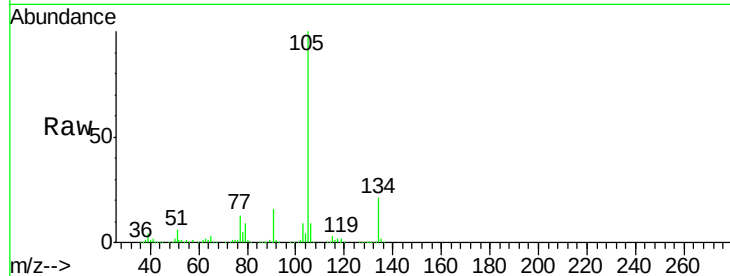
134 20.8 10.4 31.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

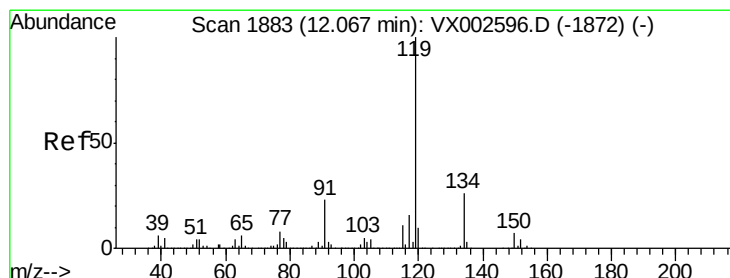
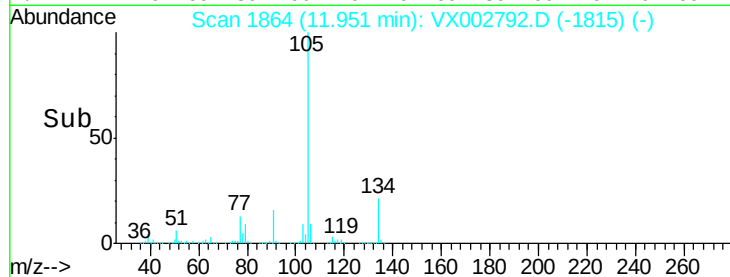
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.11 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

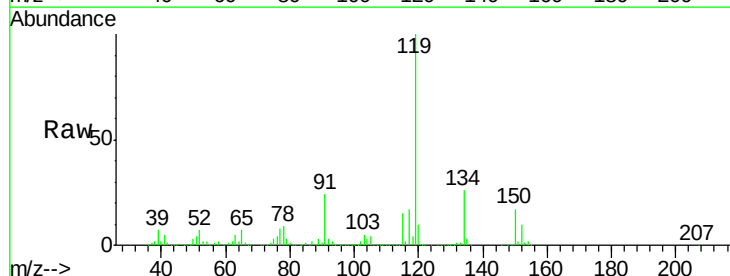
Tgt Ion:119 Resp: 239891

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 24.4 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): VX0

12.07

250000

200000

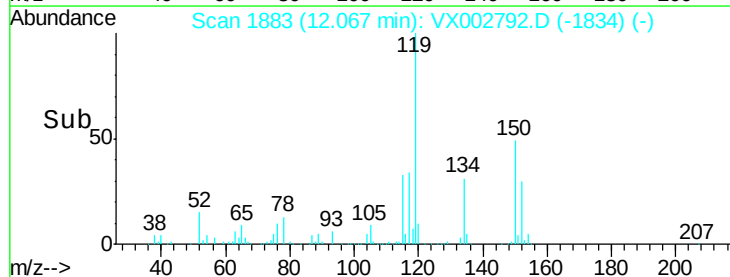
150000

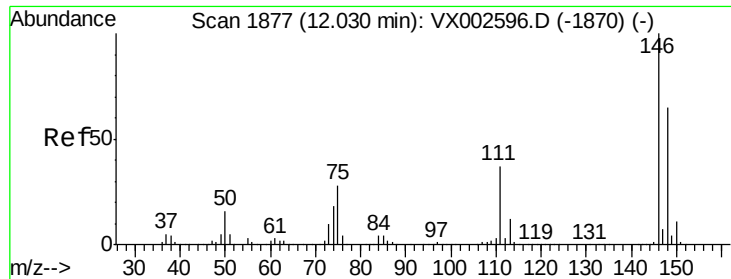
100000

50000

0

Time-->





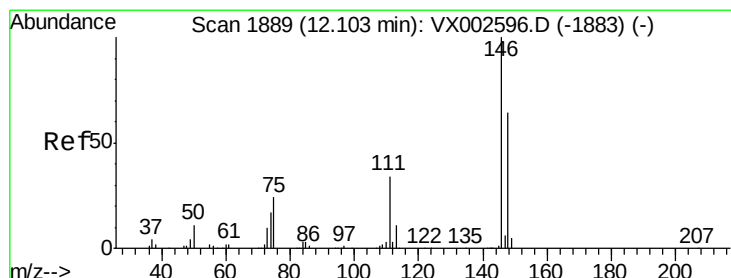
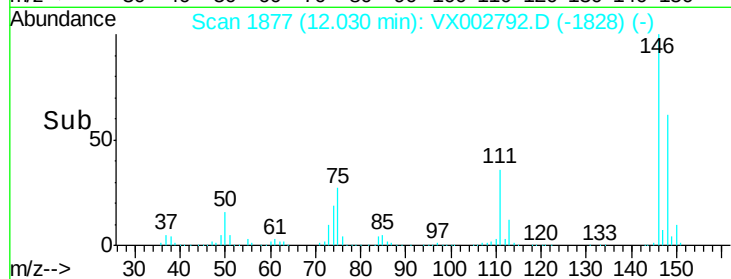
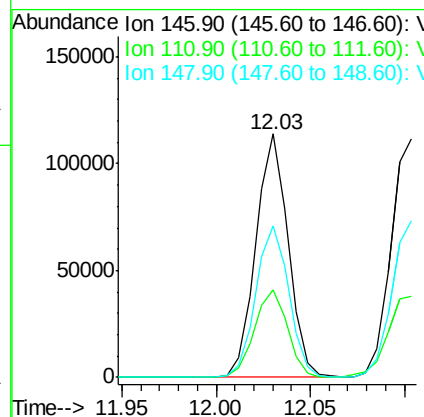
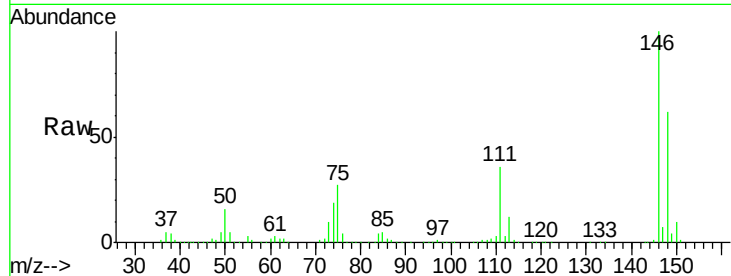
#87
 1,3-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	63.9	32.1	96.3

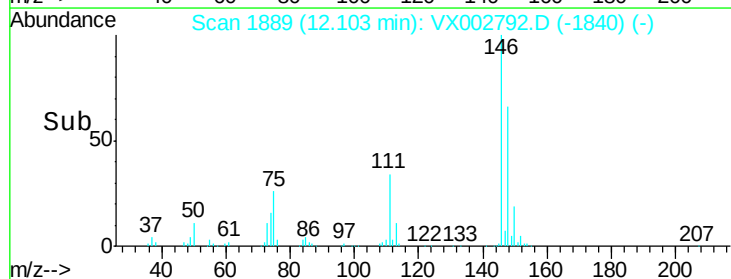
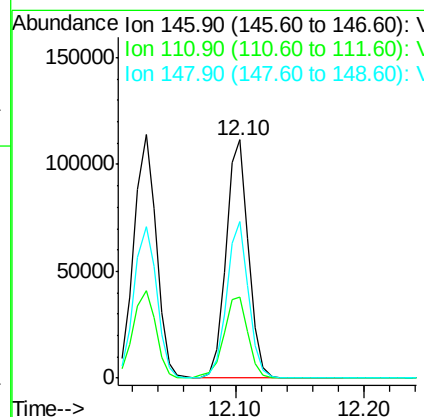
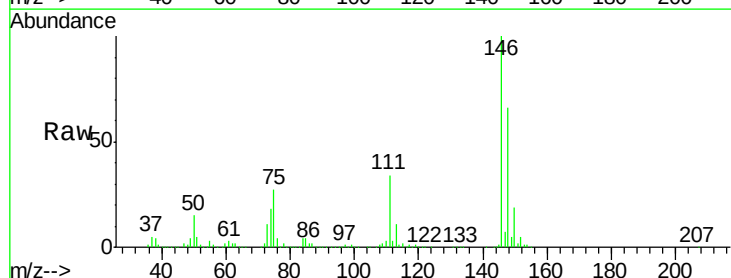
Manual Integrations
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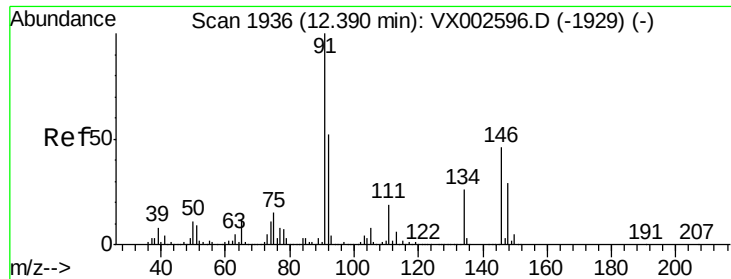
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#88
 1,4-Dichlorobenzene
 Concen: 20.19 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.5	32.4	97.0





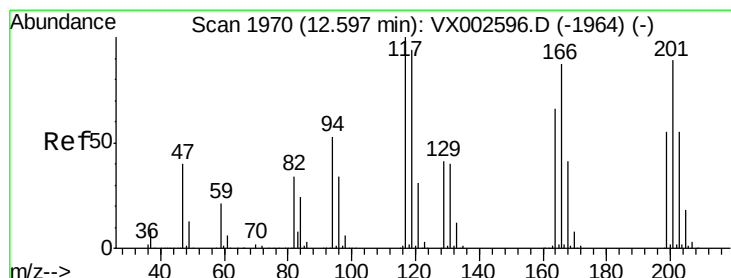
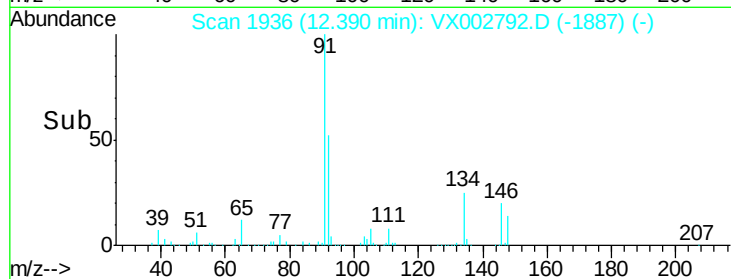
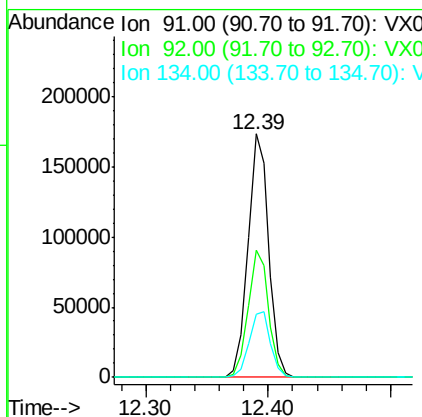
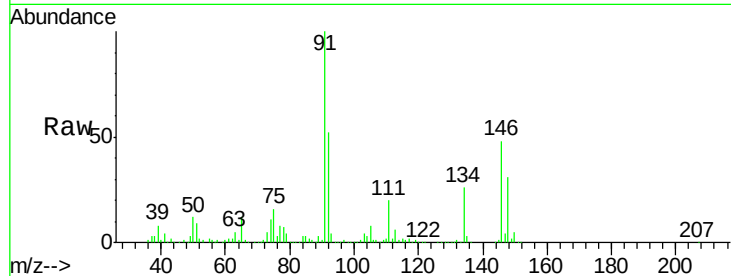
#89
n-Butylbenzene
Concen: 19.31 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	27.8	13.5	40.5

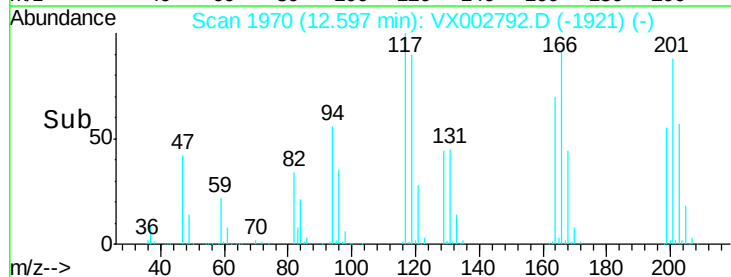
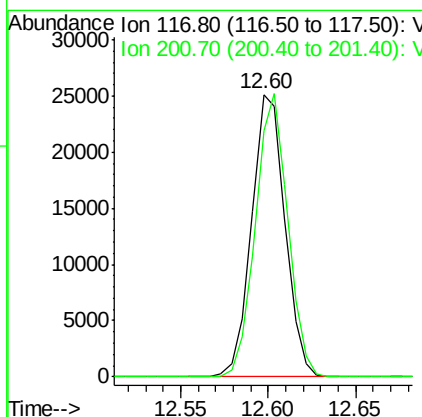
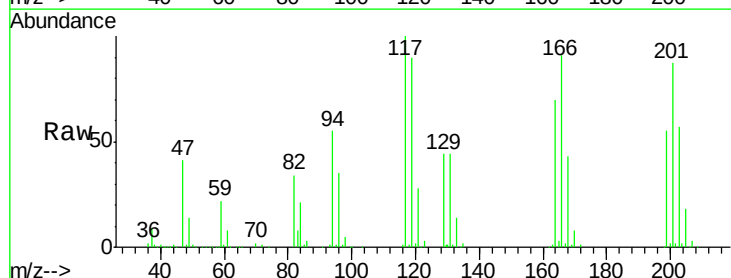
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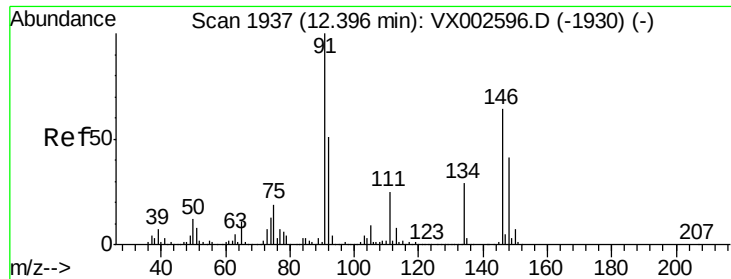
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#90
Hexachloroethane
Concen: 19.58 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002792.D
Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.9	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 20.29 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD01

Tot Ion:146 Resp: 135866

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

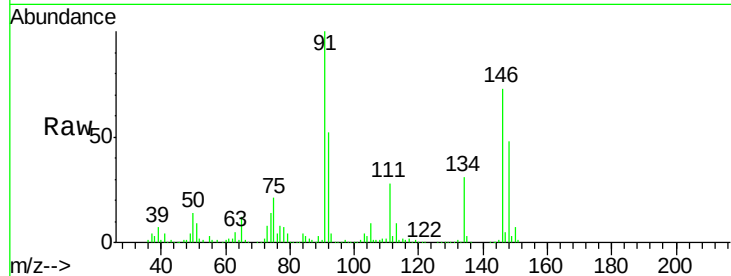
148 65.0 31.7 95.1

Manual Integrations

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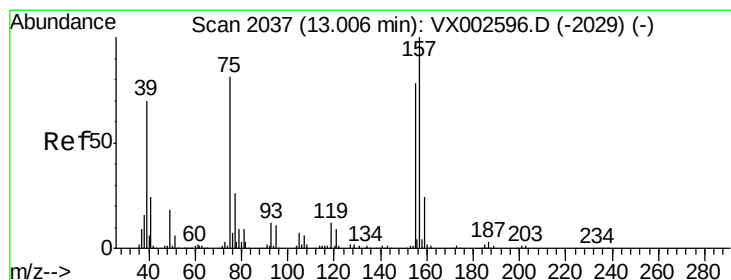
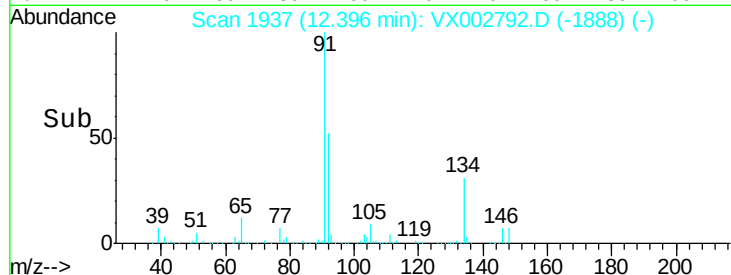
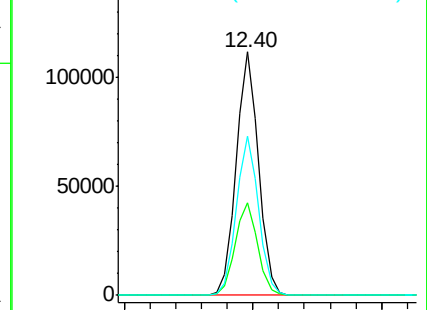
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.40 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

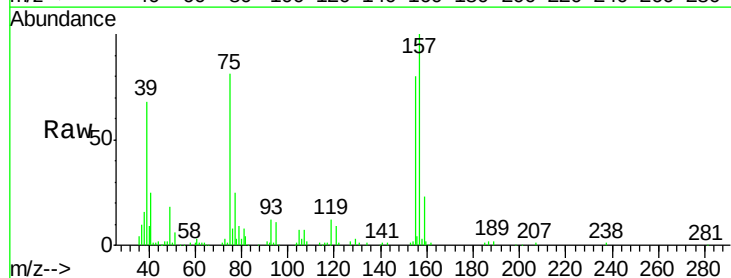
Tgt Ion: 75 Resp: 17235

Ion Ratio Lower Upper

75 100

155 93.6 45.8 137.4

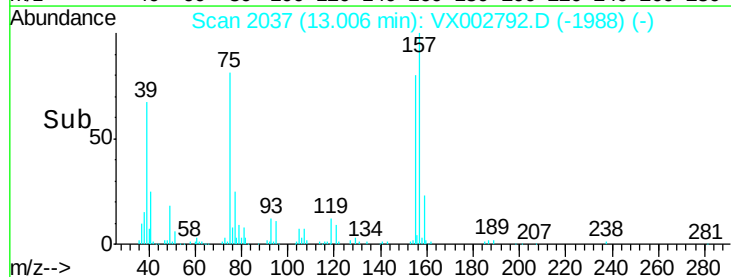
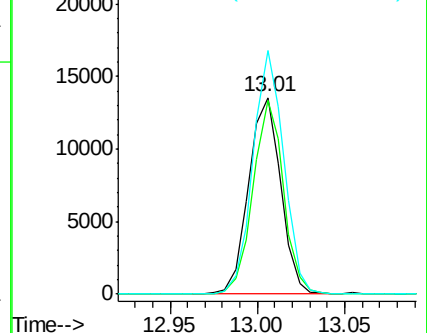
157 118.9 60.1 180.3

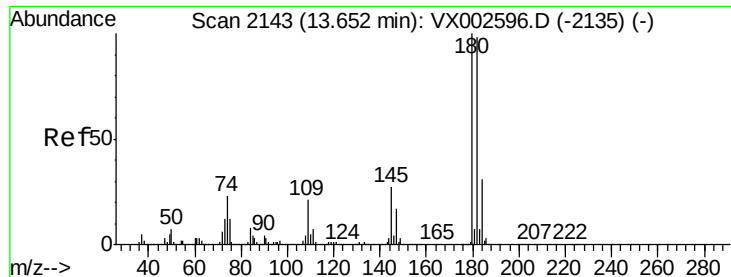


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





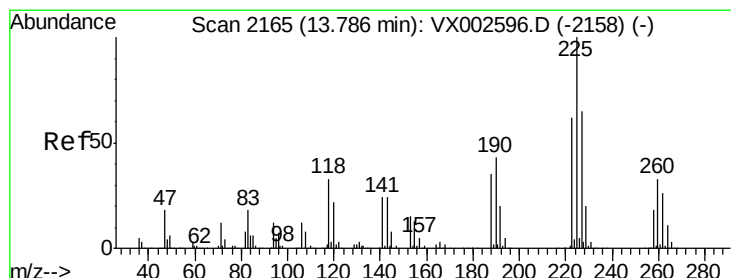
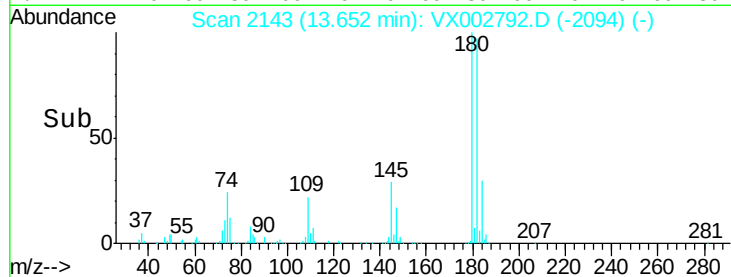
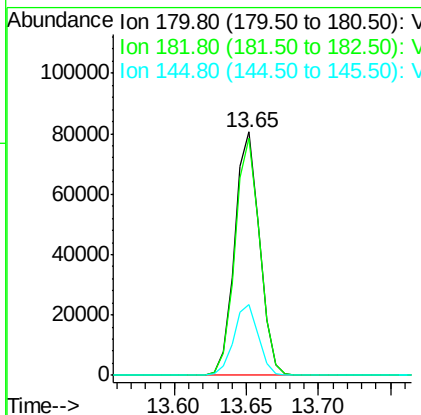
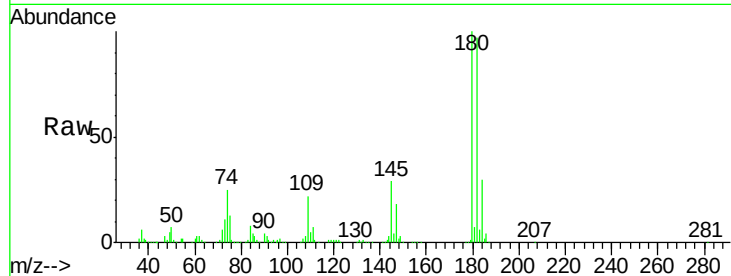
#93
 1,2,4-Trichlorobenzene
 Concen: 19.97 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	28.8	14.1	42.4

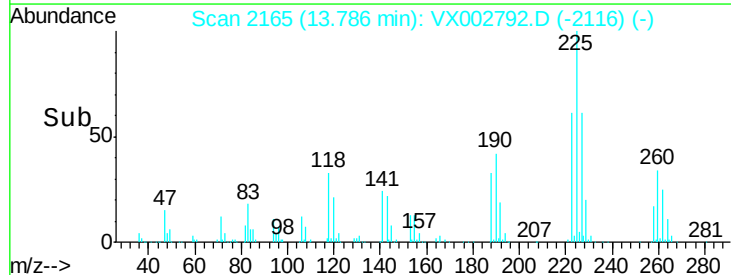
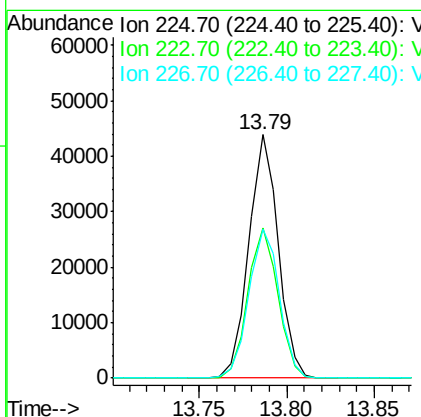
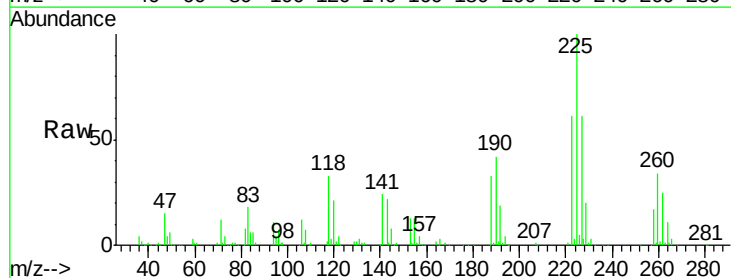
Manual Integrations
 APPROVED

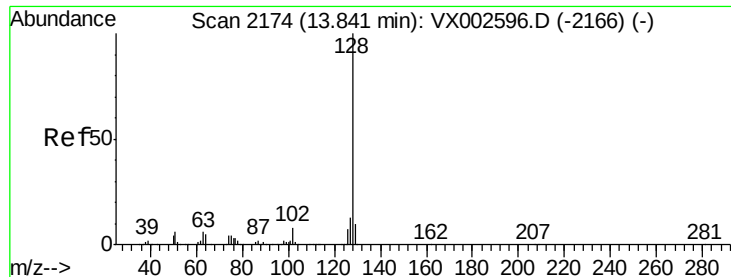
apatel
 6/22/2018 1:59:26 PM



#94
 Hexachlorobutadiene
 Concen: 19.97 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002792.D
 Acq: 21 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.6	95.0
227	63.7	32.4	97.2





#95

Naphthalene

Concen: 20.82 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Instrument :

MSVOA_X

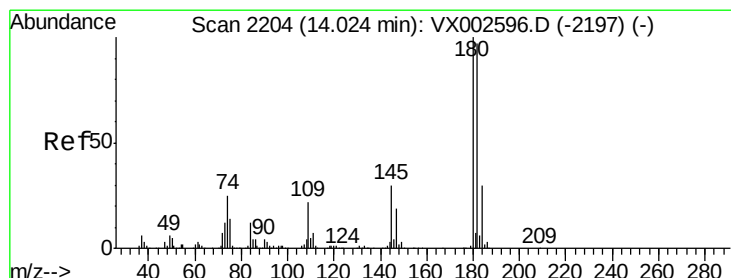
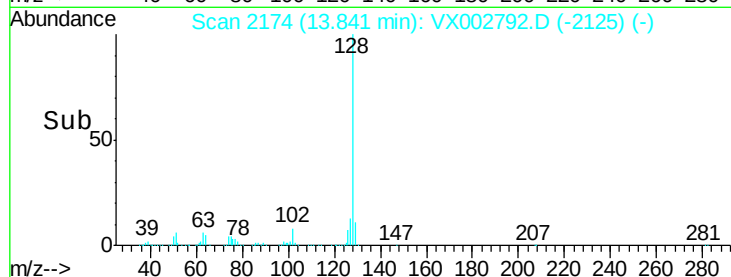
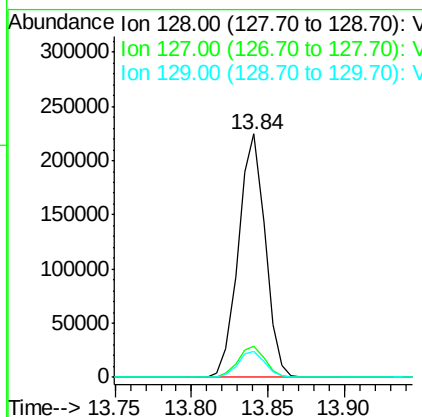
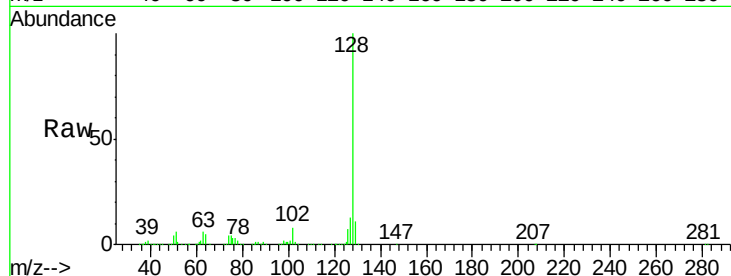
ClientSampleId :

VX0621WBSD01

Tot Ion:	128	Resp:	272284
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
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#96

1,2,3-Trichlorobenzene

Concen: 20.55 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002792.D

Acq: 21 Jun 2018 16:56

Tgt Ion:	180	Resp:	100310
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.0	144.0
145	29.1	14.8	44.3

