

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002760.D
 Acq On : 21 Jun 2018 00:19
 Operator : JC/MD
 Sample : VX0620WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:53 AM

Quant Time: Jun 21 06:52:09 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	239015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156308	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	
35) Dibromofluoromethane	5.51	113	126852	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	8.72	98	449575	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
62) 4-Bromofluorobenzene	11.14	95	168834	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48933	19.28	ug/l	99
3) Chloromethane	1.32	50	47944	15.88	ug/l	98
4) Vinyl Chloride	1.40	62	55022	17.57	ug/l #	81
5) Bromomethane	1.64	94	26036	13.78	ug/l	98
6) Chloroethane	1.72	64	37054	17.95	ug/l	96
7) Trichlorofluoromethane	1.93	101	96942	19.05	ug/l	98
8) Diethyl Ether	2.19	74	34107	17.62	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53081	18.66	ug/l	99
10) Methyl Iodide	2.51	142	46677	16.08	ug/l	98
11) Tert butyl alcohol	3.08	59	70823	94.32	ug/l	97
12) 1,1-Dichloroethene	2.37	96	48234	18.06	ug/l	99
13) Acrolein	2.29	56	37708	111.05	ug/l	99
14) Allyl chloride	2.73	41	92682	17.48	ug/l	99
15) Acrylonitrile	3.15	53	151979	92.76	ug/l	100
16) Acetone	2.45	43	145652	90.89	ug/l	100
17) Carbon Disulfide	2.57	76	135590	21.41	ug/l	97
18) Methyl Acetate	2.78	43	84561	19.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	177136	17.68	ug/l	99
20) Methylene Chloride	2.86	84	54559	16.61	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51447	17.76	ug/l	96
22) Diisopropyl ether	3.88	45	174167	18.15	ug/l	99
23) Vinyl Acetate	3.83	43	750170	93.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101373	19.47	ug/l	99
25) 2-Butanone	4.71	43	210501	100.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51482	13.76	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	55892	18.96	ug/l	99
28) Bromochloromethane	5.02	49	45020	18.46	ug/l	95
29) Tetrahydrofuran	5.17	42	135982	98.59	ug/l	97
30) Chloroform	5.22	83	98906	19.70	ug/l	95
31) Cyclohexane	5.58	56	81001	18.89	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	86339	20.56	ug/l	100
36) 1,1-Dichloropropene	5.80	75	69533	19.24	ug/l	99
37) Ethyl Acetate	4.87	43	81323	19.88	ug/l	99
38) Carbon Tetrachloride	5.79	117	76778	21.34	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
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Quant Time: Jun 21 06:52:09 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)
39) Methylcyclohexane	7.46	83	79971	18.93	ug/l	97
40) Benzene	6.15	78	209694	19.35	ug/l	96
41) Methacrylonitrile	5.07	41	45472	19.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	83073	19.80	ug/l	99
43) Isopropyl Acetate	6.48	43	128986	19.03	ug/l	98
44) Trichloroethene	7.21	130	60939	19.48	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54123	18.98	ug/l	99
46) Dibromomethane	7.67	93	39056	20.47	ug/l	99
47) Bromodichloromethane	7.90	83	71219	21.17	ug/l	98
48) Methyl methacrylate	7.78	41	66862	19.31	ug/l	98
49) 1,4-Dioxane	7.76	88	27298	416.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431977	99.28	ug/l	99
52) Toluene	8.79	92	133191	19.27	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	75062	18.44	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	69140	18.44	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55665	19.93	ug/l	99
56) Ethyl methacrylate	9.18	69	82189	19.12	ug/l	97
57) 1,3-Dichloropropane	9.38	76	91289	19.33	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	173670	83.54	ug/l	98
59) 2-Hexanone	9.50	43	330783	100.88	ug/l	99
60) Dibromochloromethane	9.59	129	57220	20.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57682	19.94	ug/l	98
64) Tetrachloroethene	9.34	164	67565	18.81	ug/l	98
65) Chlorobenzene	10.14	112	154546	19.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56439	20.83	ug/l	99
67) Ethyl Benzene	10.26	91	259635	19.37	ug/l	99
68) m/p-Xylenes	10.36	106	200614	38.80	ug/l	99
69) o-Xylene	10.70	106	97048	19.10	ug/l	99
70) Styrene	10.71	104	158564	18.98	ug/l	99
71) Bromoform	10.86	173	45482	21.49	ug/l #	97
73) Isopropylbenzene	11.02	105	263626	19.90	ug/l	99
74) N-amyl acetate	6.48	43	128986	19.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85865	21.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78909m	21.11	ug/l	
77) Bromobenzene	11.26	156	73596	19.94	ug/l	97
78) n-propylbenzene	11.37	91	296854	19.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	177920	19.61	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	218969	19.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15134	16.05	ug/l	88
82) 4-Chlorotoluene	11.51	91	210501	19.66	ug/l	99
83) tert-Butylbenzene	11.77	119	216800	20.10	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	227064	19.87	ug/l	98
85) sec-Butylbenzene	11.95	105	262052	19.54	ug/l	99
86) p-Isopropyltoluene	12.07	119	231662	19.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	132122	19.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133802	19.43	ug/l	99
89) n-Butylbenzene	12.39	91	194636	18.18	ug/l	99
90) Hexachloroethane	12.60	117	31825	18.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	134861	19.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17179	20.96	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

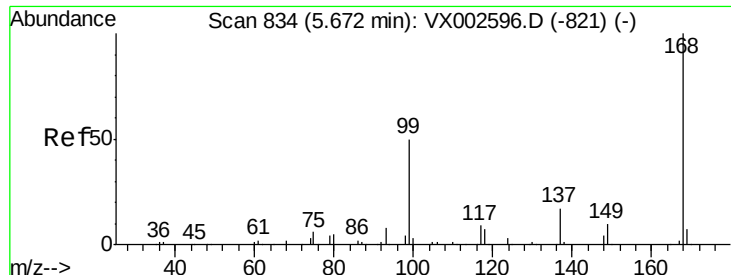
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Quant Time: Jun 21 06:52:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94476	19.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	48229	18.52	ug/l	97
95) Naphthalene	13.84	128	274821	20.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100510	20.24	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion:168 Resp: 239015

Ion Ratio Lower Upper

168 100

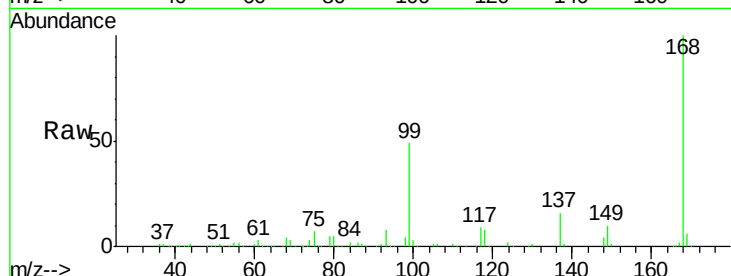
99 48.8 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

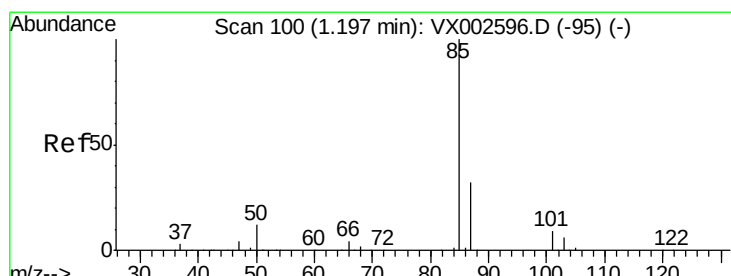
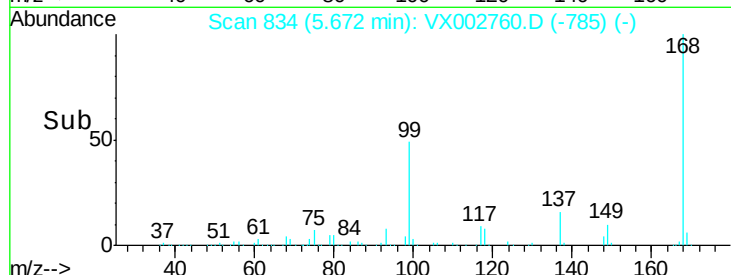
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002760.D

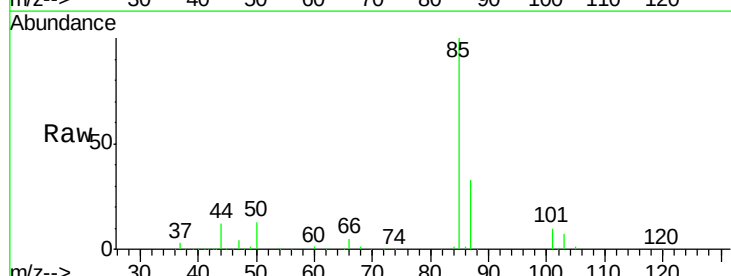
Acq: 21 Jun 2018 00:19

Tgt Ion: 85 Resp: 48933

Ion Ratio Lower Upper

85 100

87 32.6 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

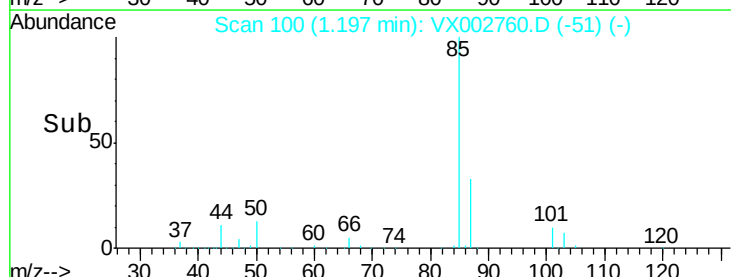
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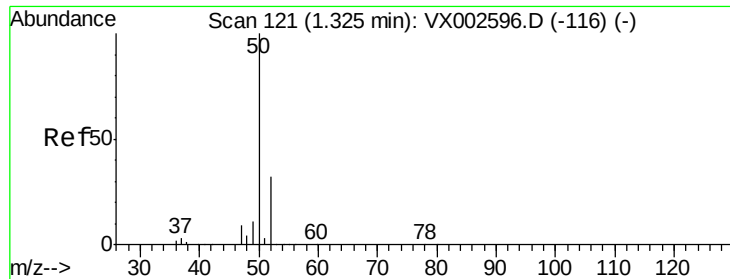
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 50 Resp: 47944

Ion Ratio Lower Upper

50 100

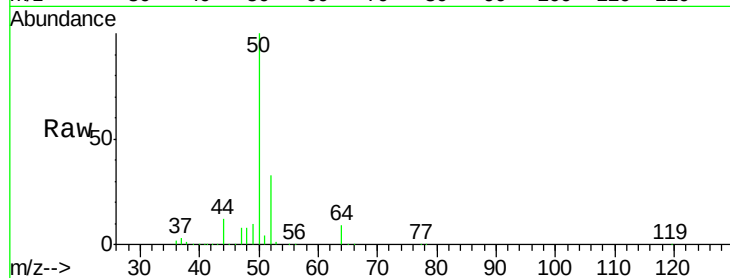
52 33.4 25.7 38.5

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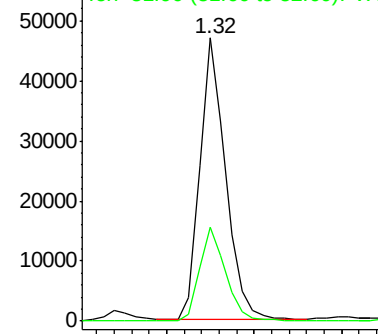
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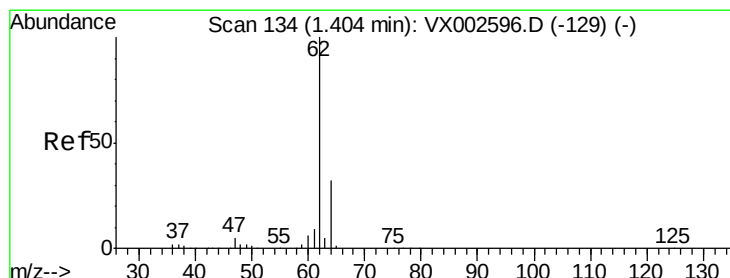
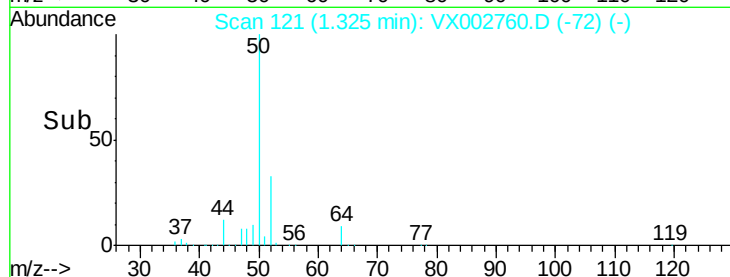


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 17.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002760.D

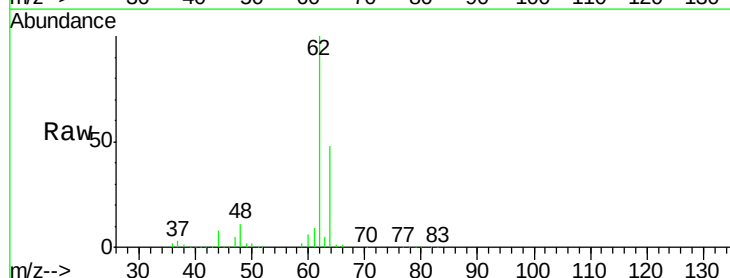
Acq: 21 Jun 2018 00:19

Tgt Ion: 62 Resp: 55022

Ion Ratio Lower Upper

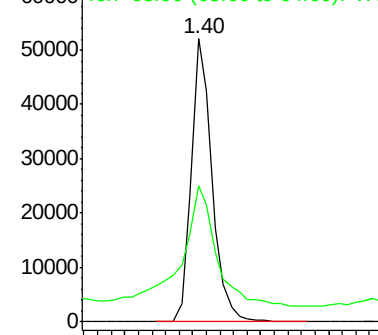
62 100

64 42.3 25.4 38.2#

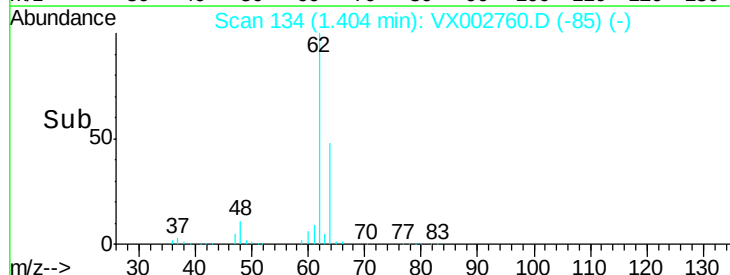


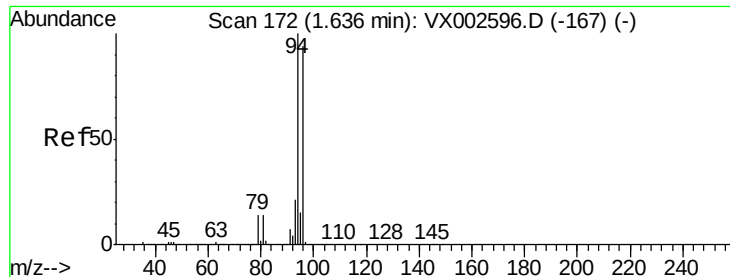
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 13.78 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 94 Resp: 26036

Ion Ratio Lower Upper

94 100

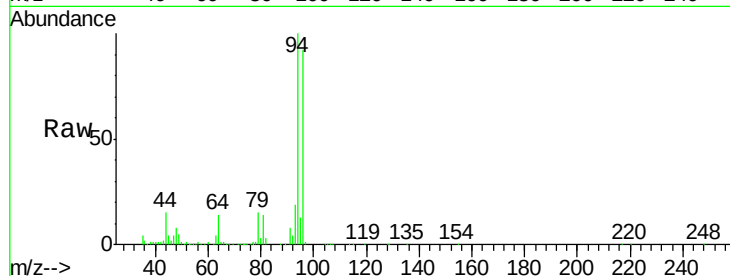
96 91.9 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

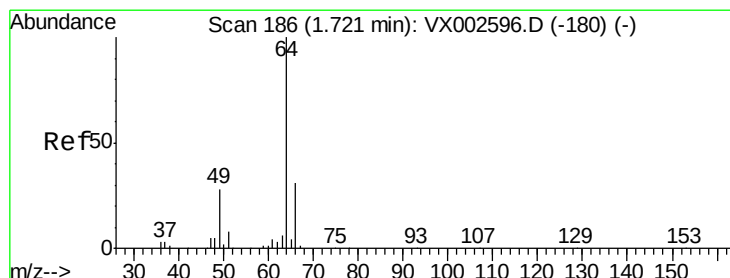
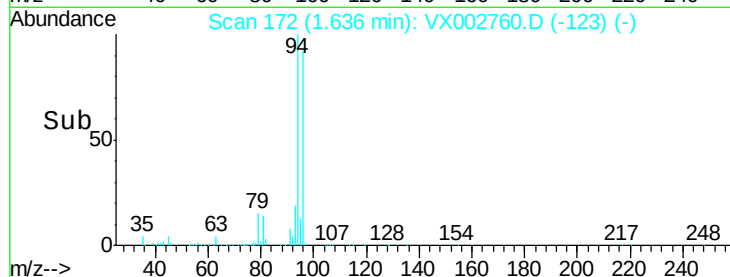
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002760.D

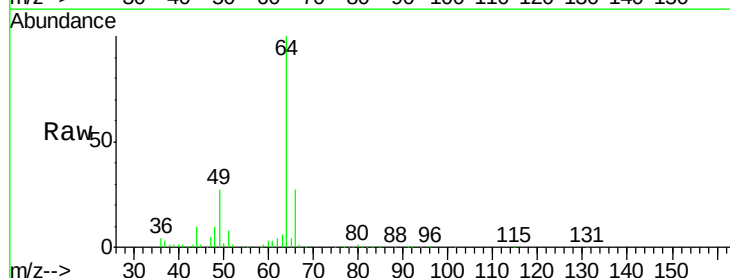
Acq: 21 Jun 2018 00:19

Tgt Ion: 64 Resp: 37054

Ion Ratio Lower Upper

64 100

66 29.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

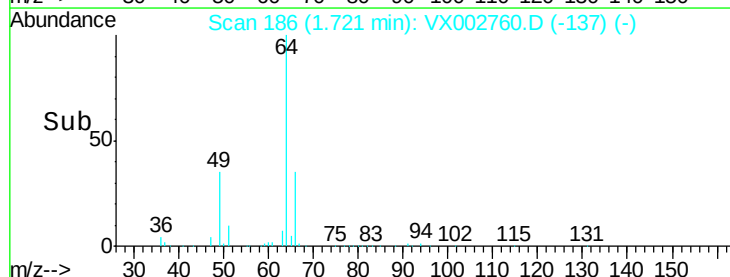
30000

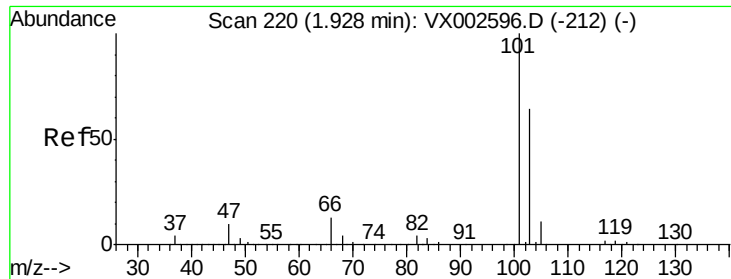
20000

10000

0

Time-->





#7

Trichlorofluoromethane

Concen: 19.05 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion:101 Resp: 96942

Ion Ratio Lower Upper

101 100

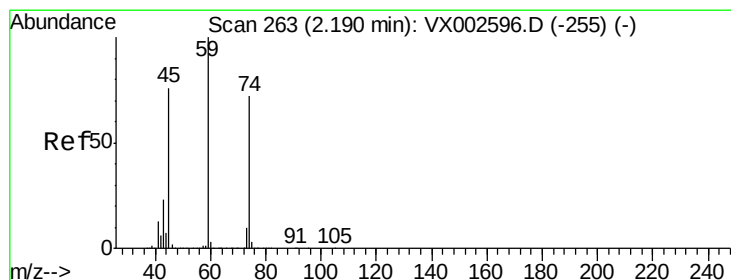
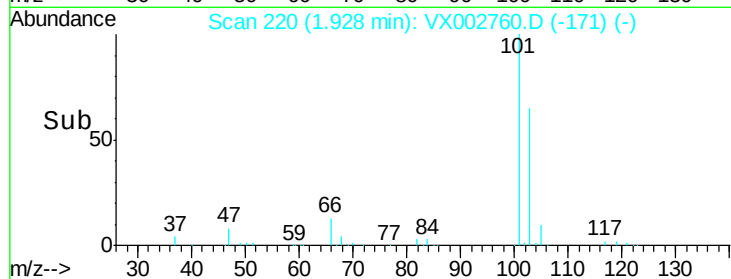
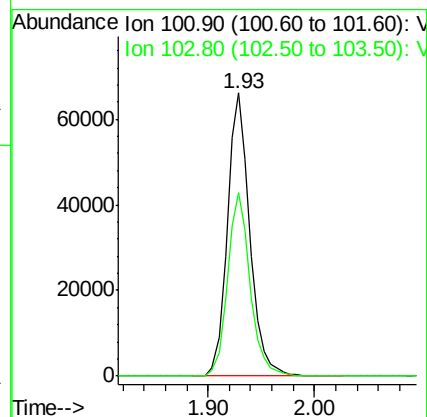
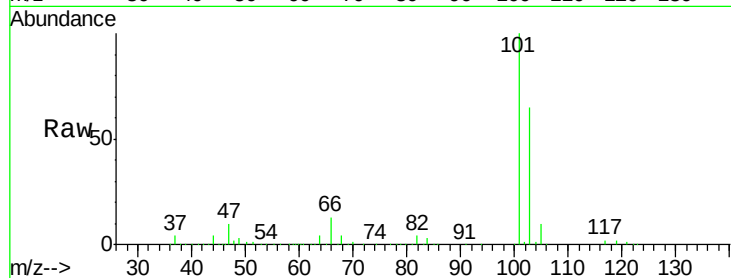
103 64.7 52.8 79.2

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#8

Diethyl Ether

Concen: 17.62 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002760.D

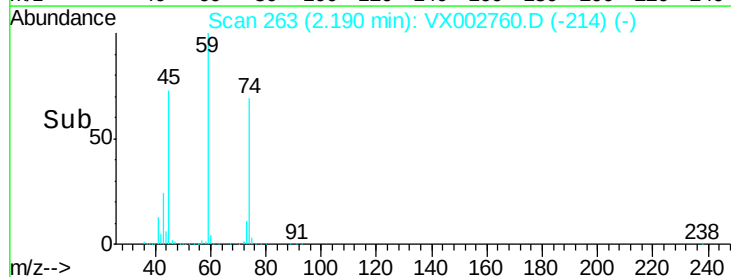
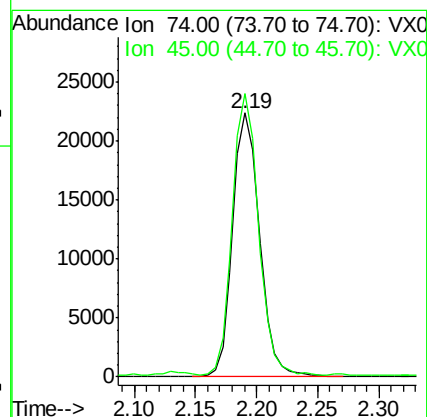
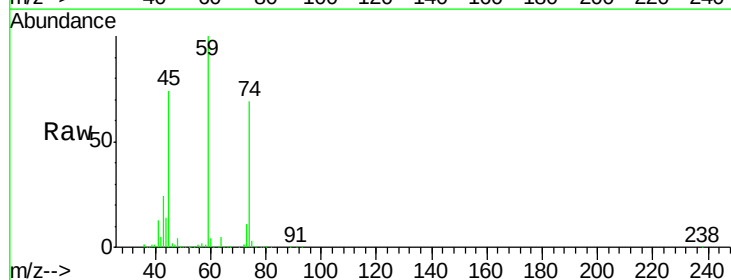
Acq: 21 Jun 2018 00:19

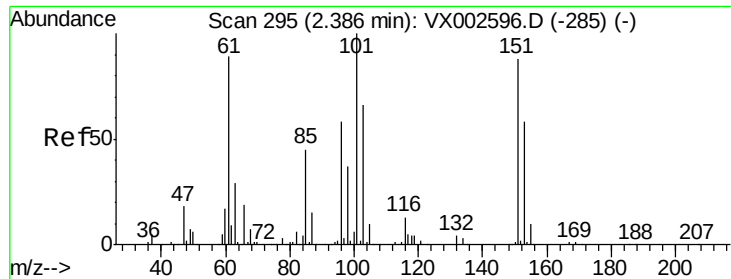
Tgt Ion: 74 Resp: 34107

Ion Ratio Lower Upper

74 100

45 103.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

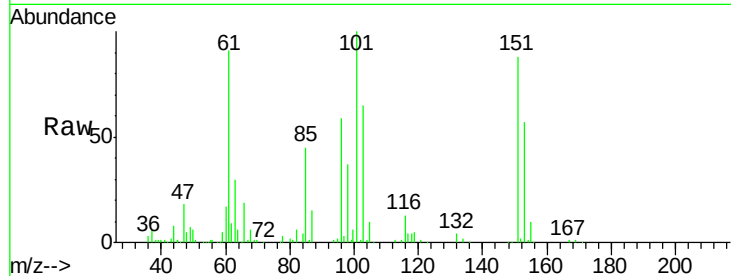
ClientSampleId :

VX0620WBSD02

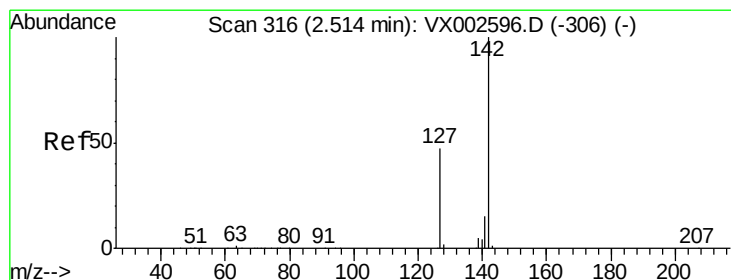
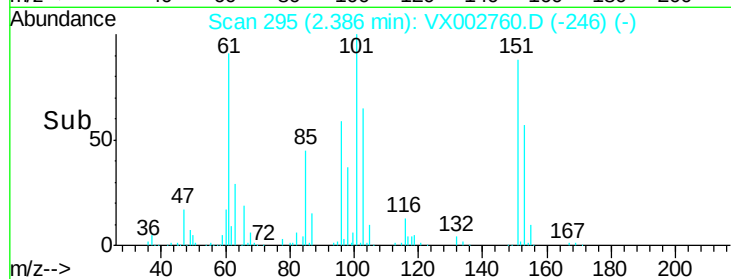
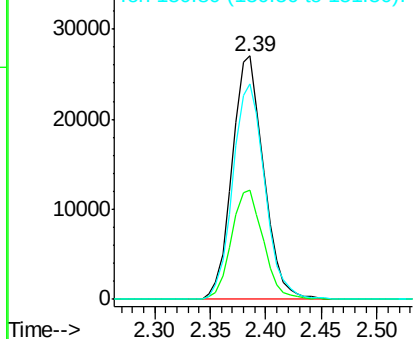
Tot Ion:	101	Resp:	53081
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.0	54.0
151	89.7	70.9	106.3

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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: 16.08 ug/l

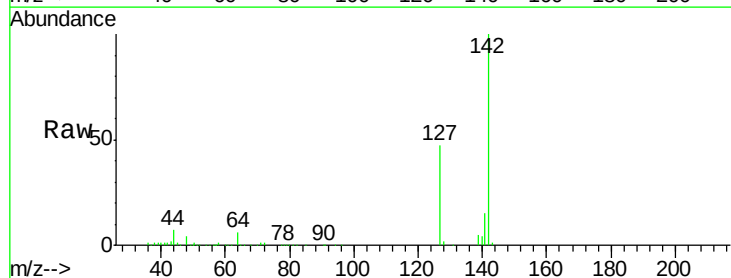
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

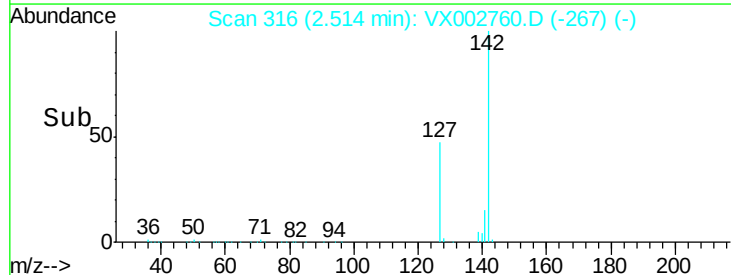
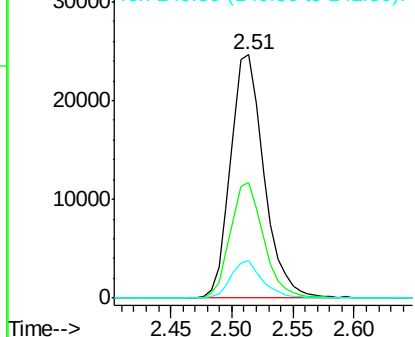
Lab File: VX002760.D

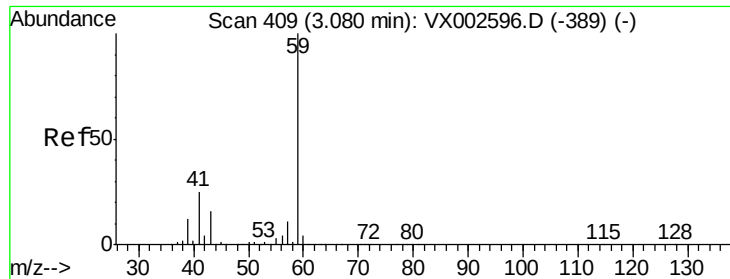
Acq: 21 Jun 2018 00:19

Tgt Ion:	142	Resp:	46677
Ion Ratio	Lower	Upper	
142	100		
127	47.4	36.6	55.0
141	14.3	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

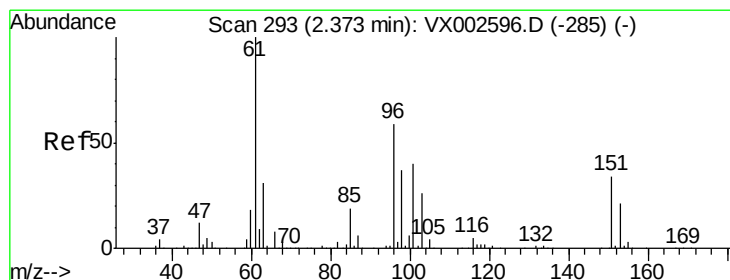
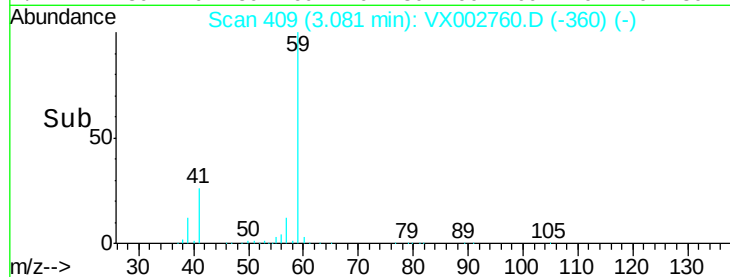
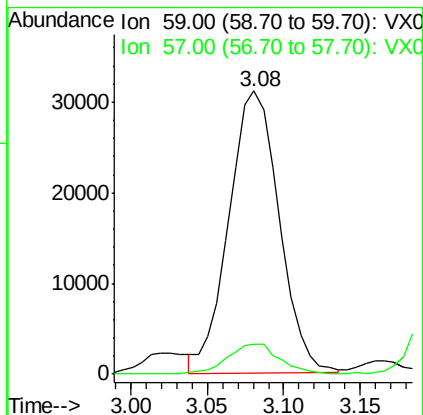
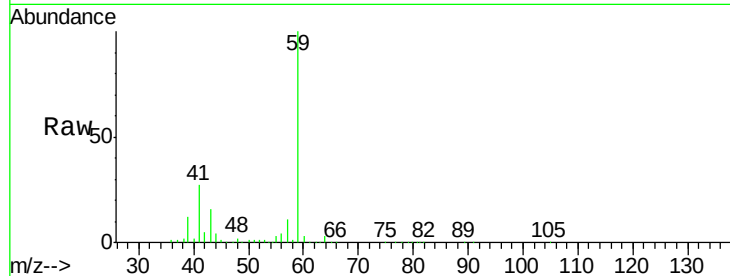
Tert butyl alcohol
Concen: 94.32 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD02

Tot Ion: 59 Resp: 70823
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2

Manual Integrations
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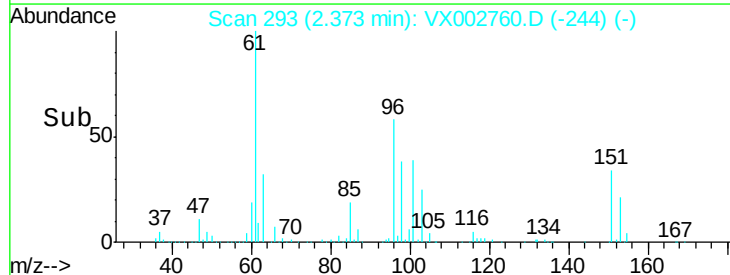
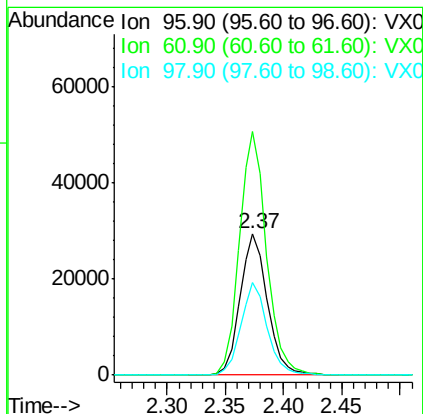
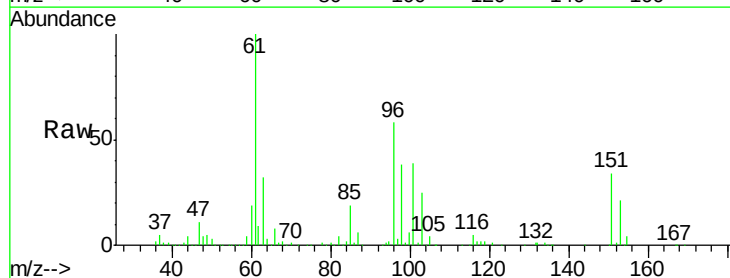
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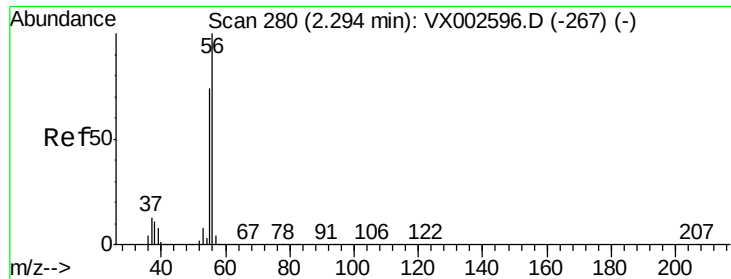


#12

1,1-Dichloroethene
Concen: 18.06 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 96 Resp: 48234
Ion Ratio Lower Upper
96 100
61 171.6 137.9 206.9
98 65.2 51.6 77.4





#13

Acrolein

Concen: 111.05 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 56 Resp: 37708

Ion Ratio Lower Upper

56 100

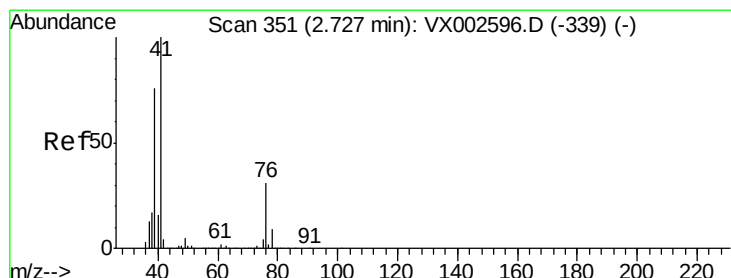
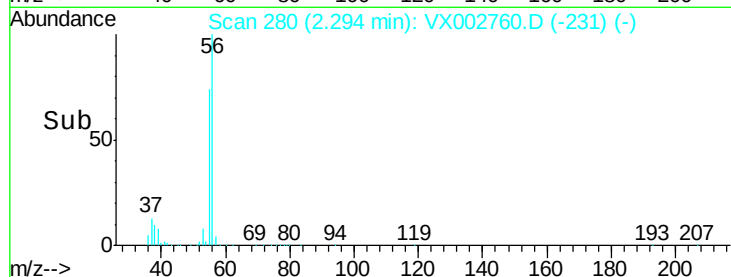
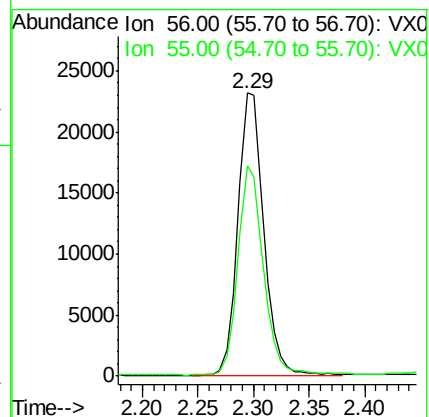
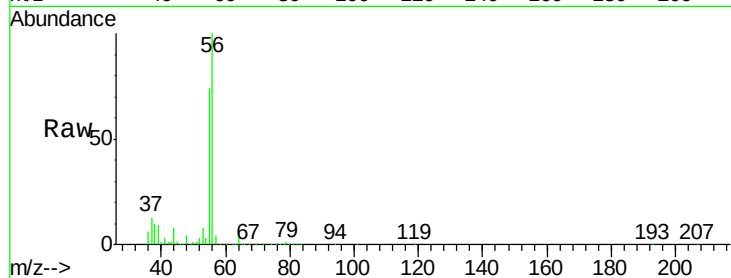
55 72.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

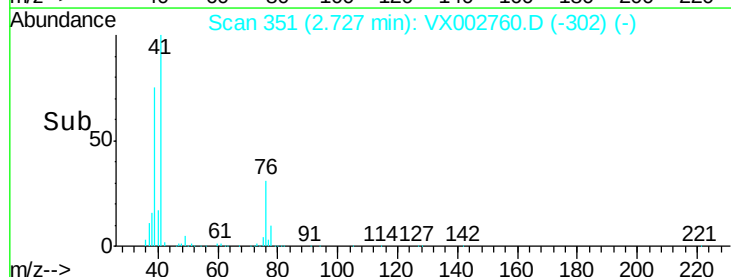
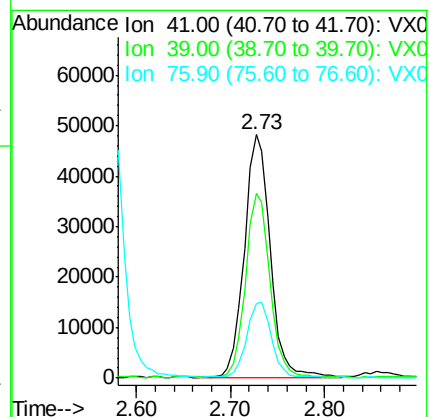
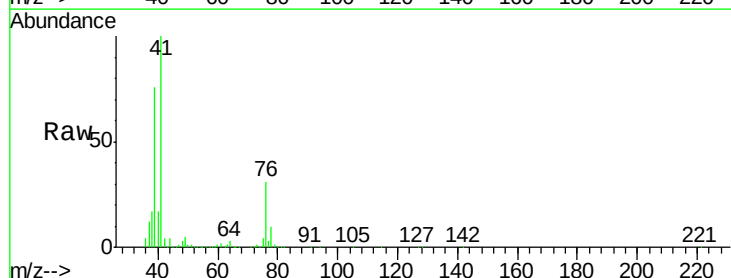
Tgt Ion: 41 Resp: 92682

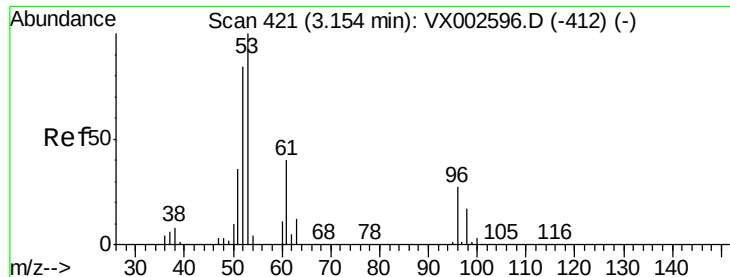
Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 29.6 23.8 35.8





#15

Acrylonitrile

Concen: 92.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

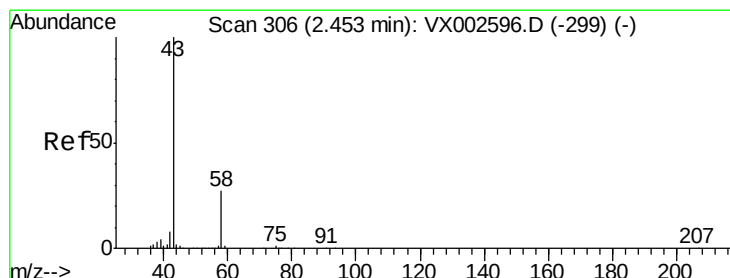
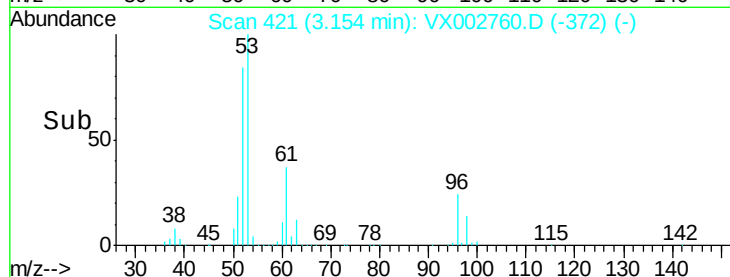
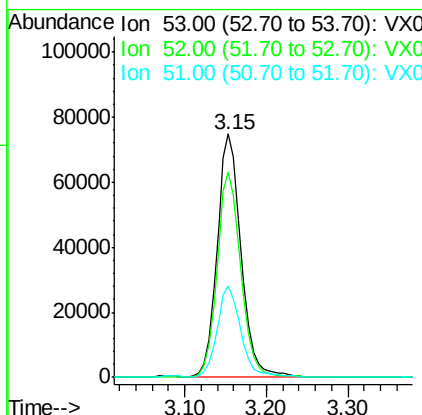
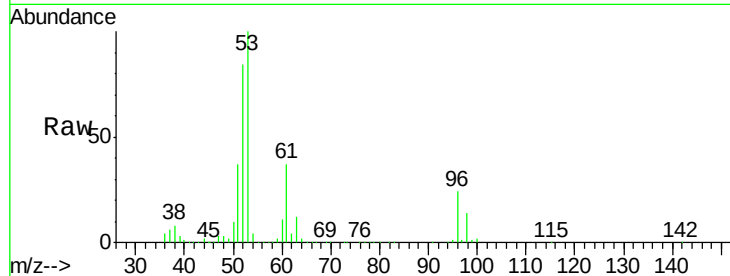
ClientSampleID :

VX0620WBSD02

Tot Ion:	53	Resp:	151979
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.7	100.1
51	37.6	29.9	44.9

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#16

Acetone

Concen: 90.89 ug/l

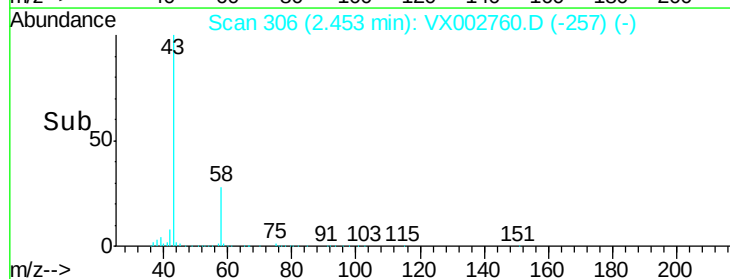
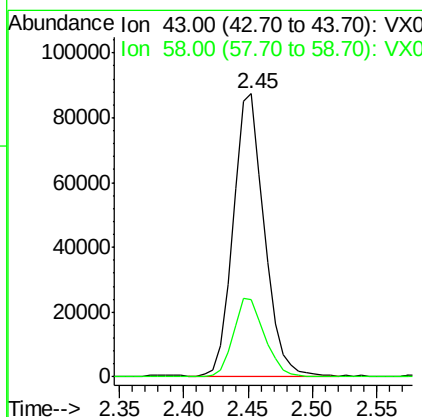
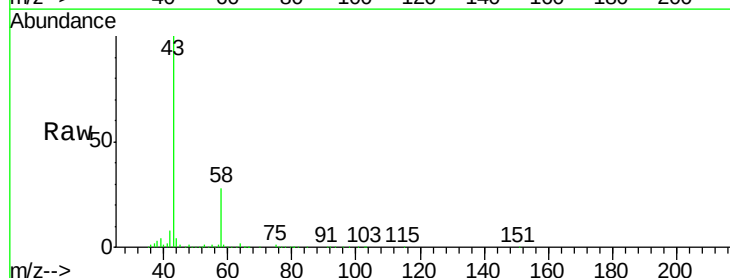
RT: 2.45 min Scan# 306

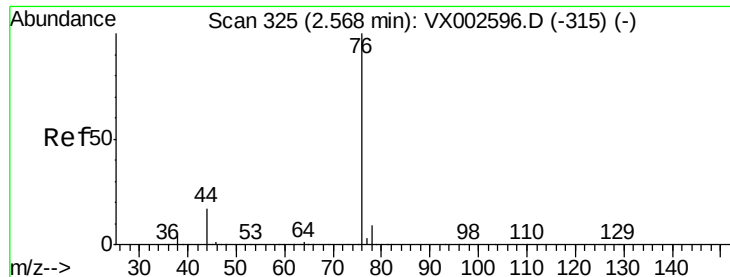
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	43	Resp:	145652
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1





#17

Carbon Disulfide

Concen: 21.41 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 76 Resp: 135590

Ion Ratio Lower Upper

76 100

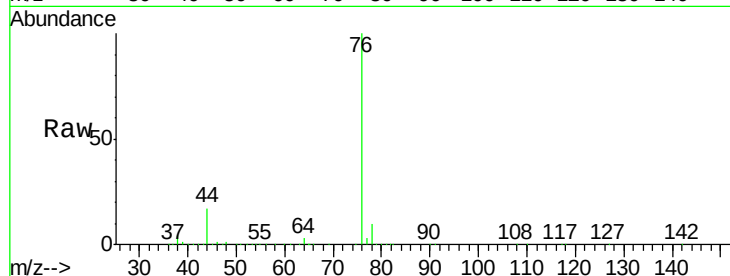
78 9.6 6.9 10.3

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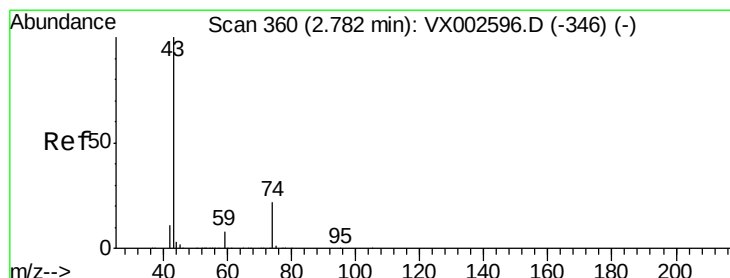
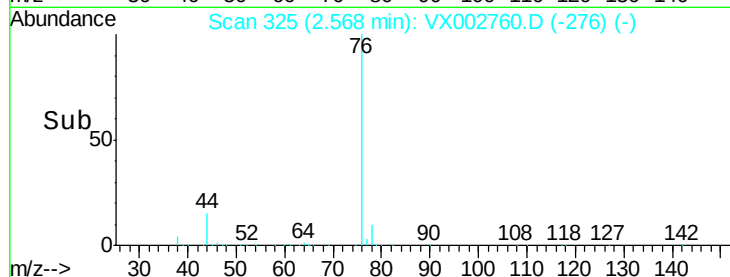
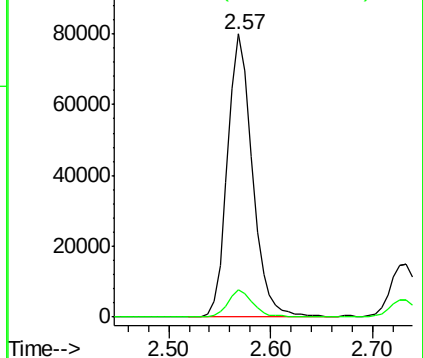
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.81 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002760.D

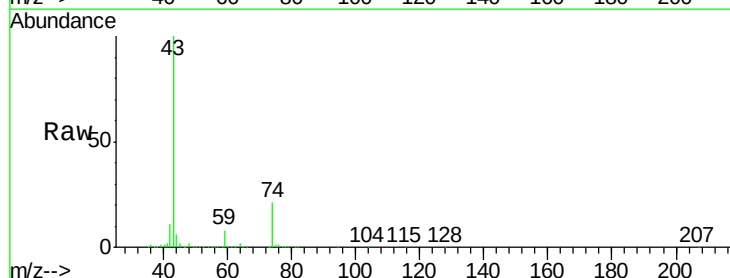
Acq: 21 Jun 2018 00:19

Tgt Ion: 43 Resp: 84561

Ion Ratio Lower Upper

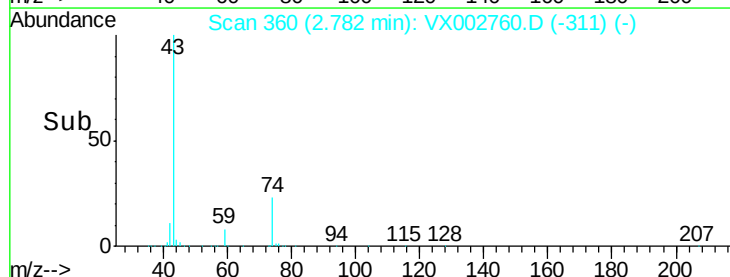
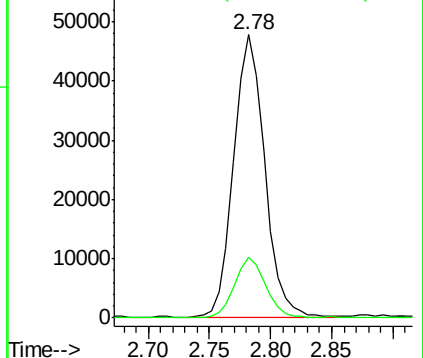
43 100

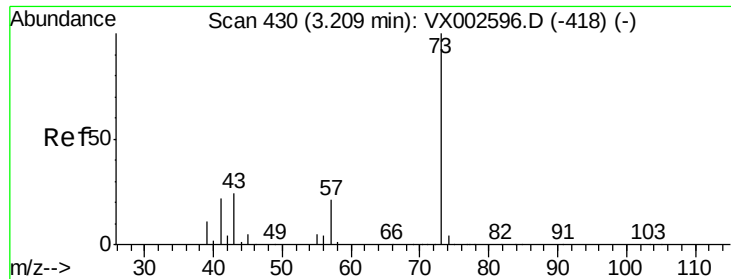
74 20.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





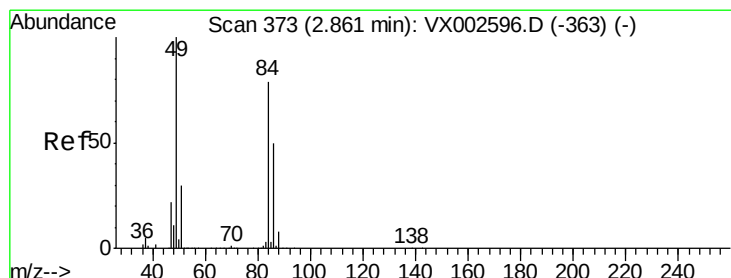
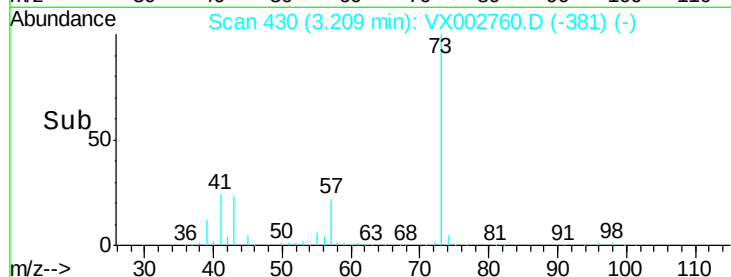
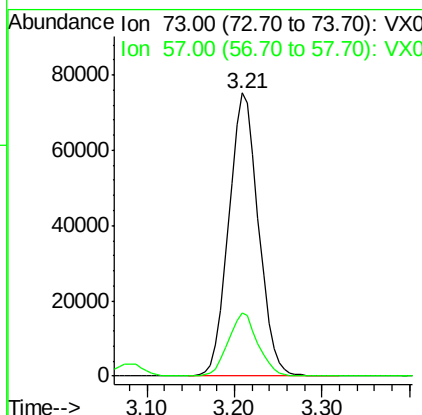
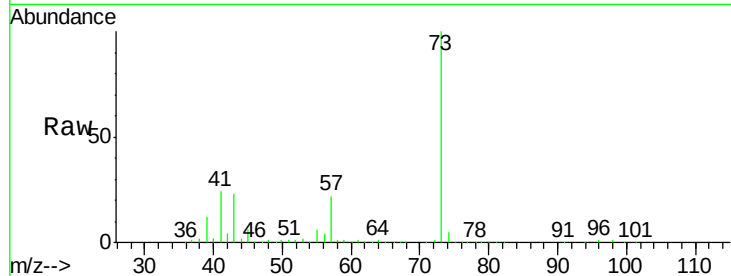
#19
Methyl tert-butyl Ether
Concen: 17.68 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion: 73 Resp: 177136
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

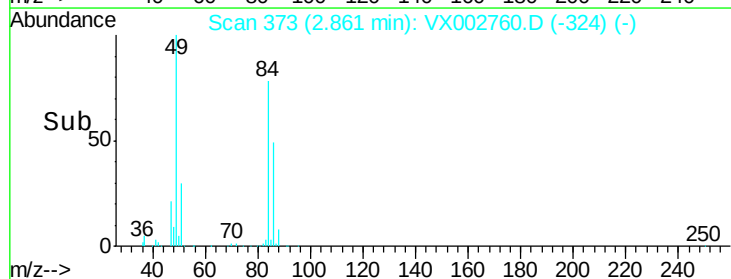
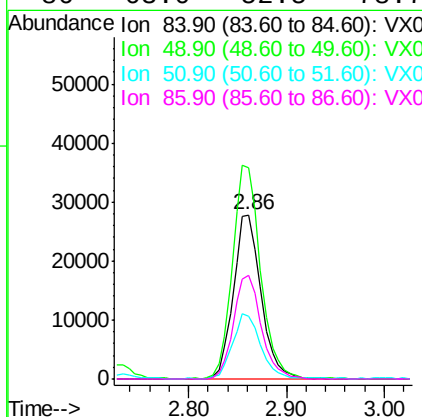
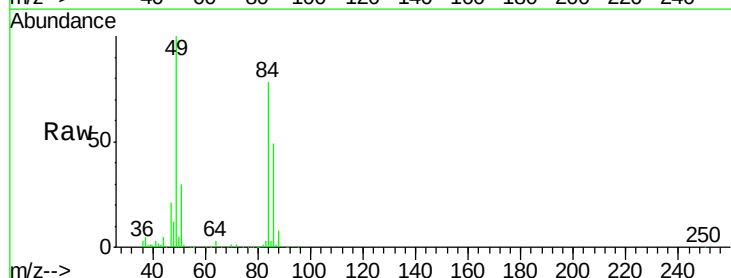
Manual Integrations
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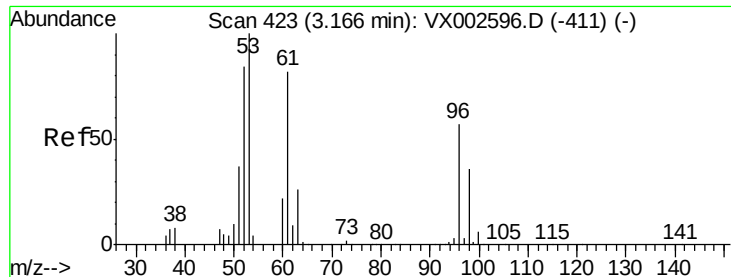
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#20
Methylene Chloride
Concen: 16.61 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 84 Resp: 54559
Ion Ratio Lower Upper
84 100
49 128.7 107.8 161.6
51 38.0 32.8 49.2
86 63.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.76 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

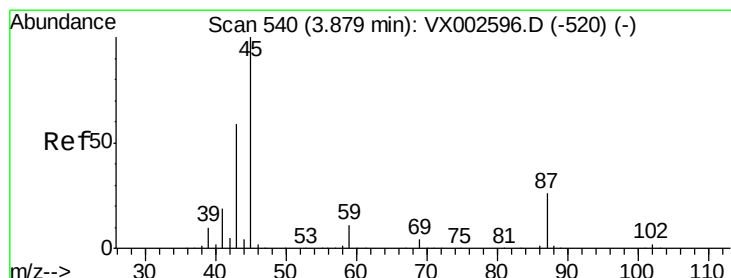
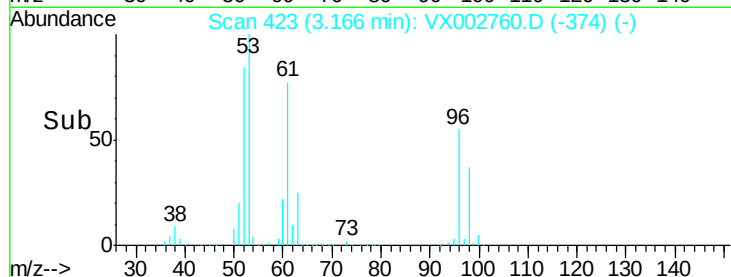
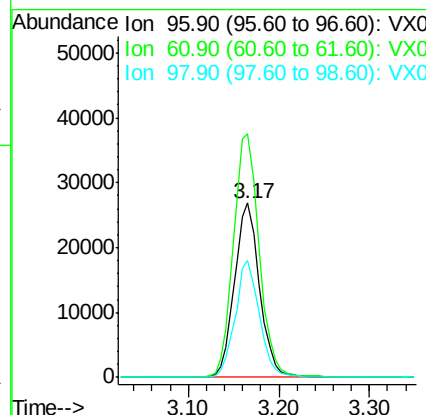
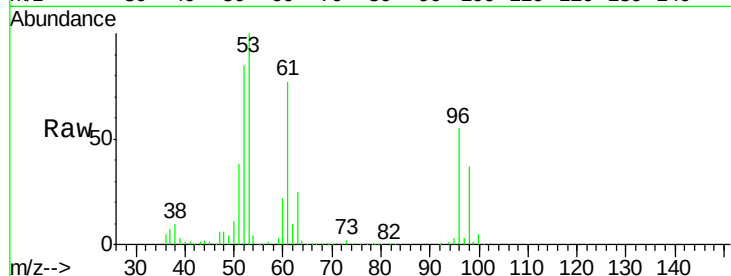
ClientSampleId :

VX0620WBSD02

Tot Ion:	96	Resp:	51447
Ion	Ratio	Lower	Upper
96	100		
61	139.4	117.0	175.4
98	66.7	52.4	78.6

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#22

Diisopropyl ether

Concen: 18.15 ug/l

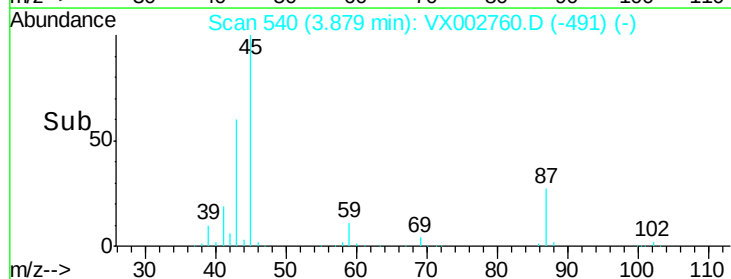
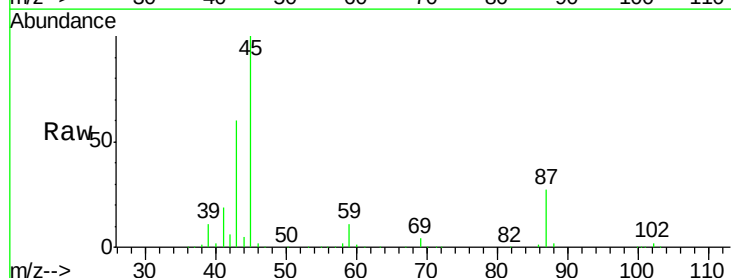
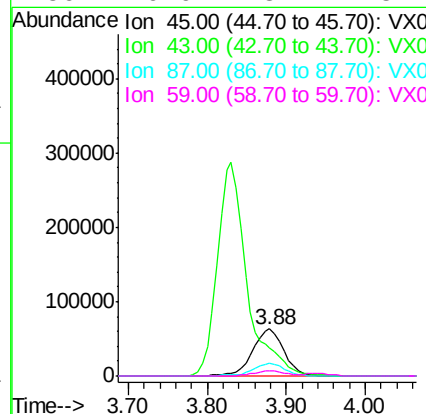
RT: 3.88 min Scan# 540

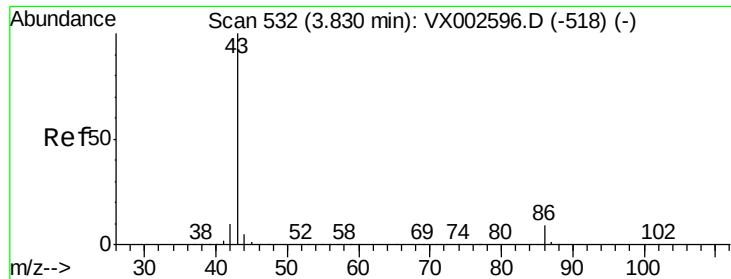
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	45	Resp:	174167
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.8	70.2
87	26.9	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 93.42 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 43 Resp: 750170

Ion Ratio Lower Upper

43 100

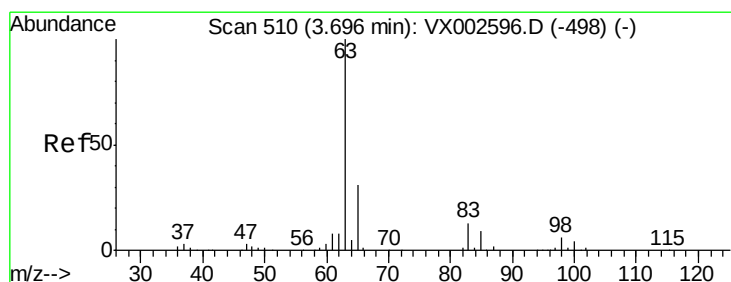
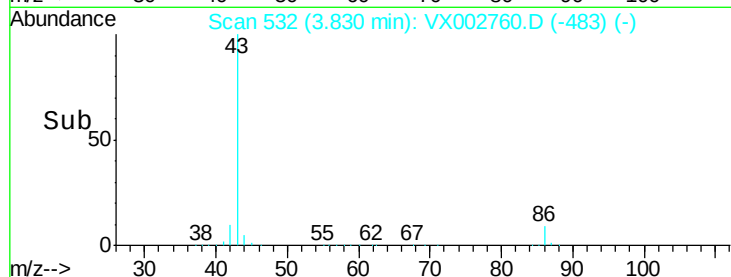
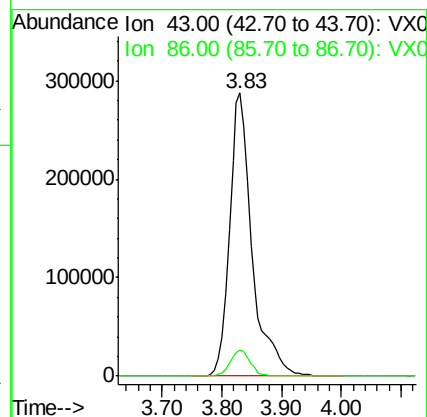
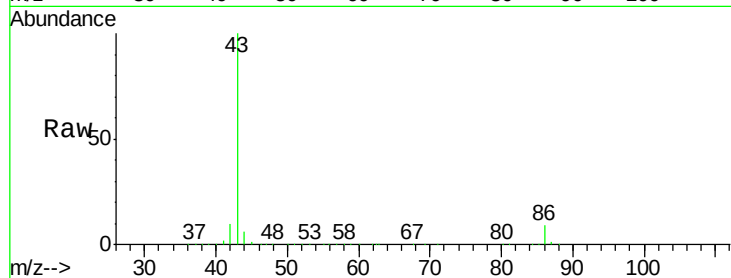
86 9.5 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.47 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

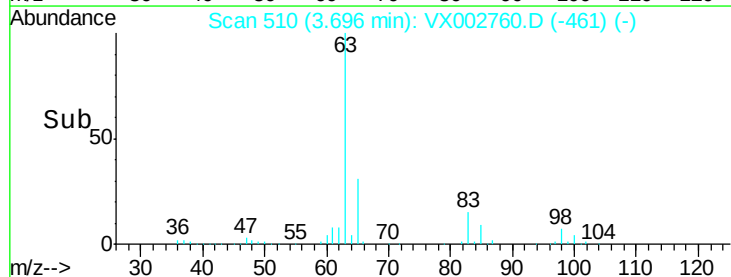
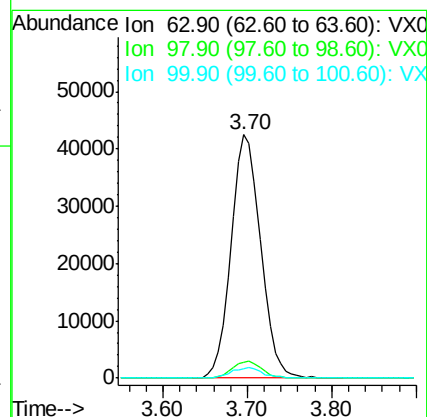
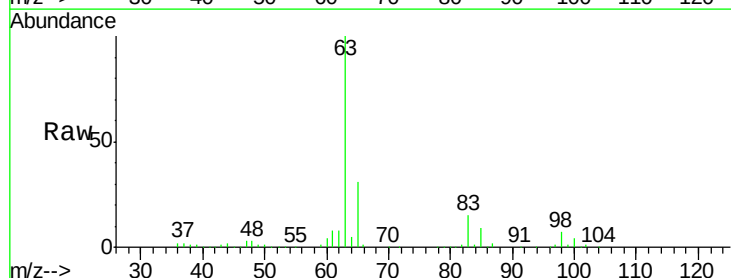
Tgt Ion: 63 Resp: 101373

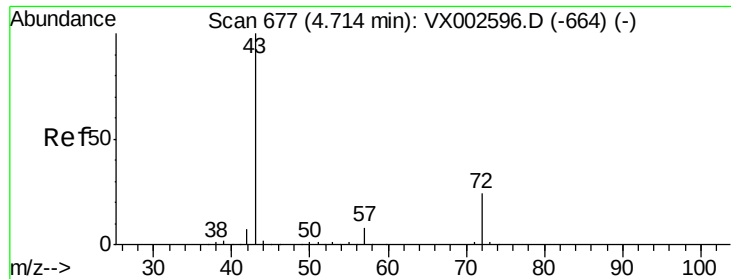
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 100.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 43 Resp: 210501

Ion Ratio Lower Upper

43 100

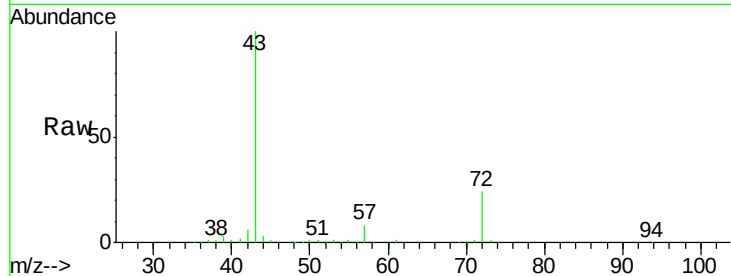
72 23.5 18.5 27.7

Manual Integrations

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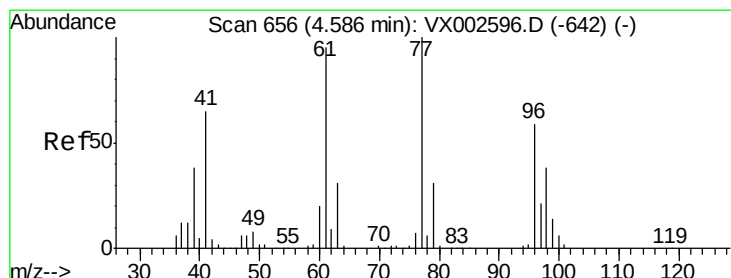
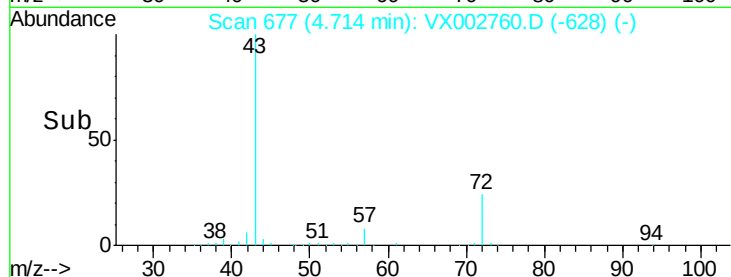
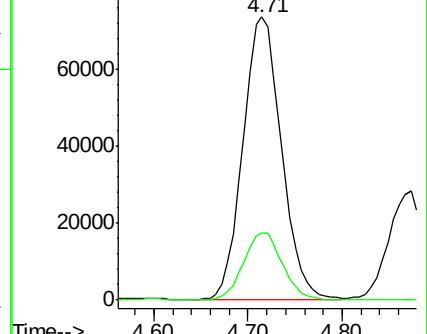
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.76 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002760.D

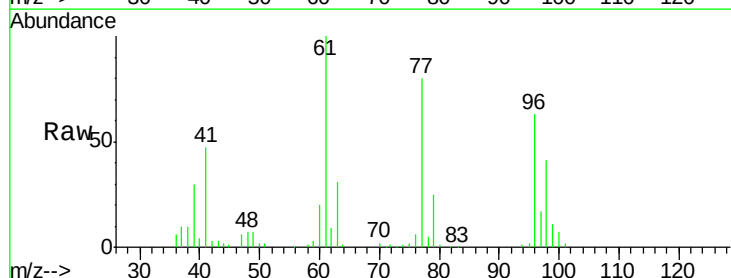
Acq: 21 Jun 2018 00:19

Tgt Ion: 77 Resp: 51482

Ion Ratio Lower Upper

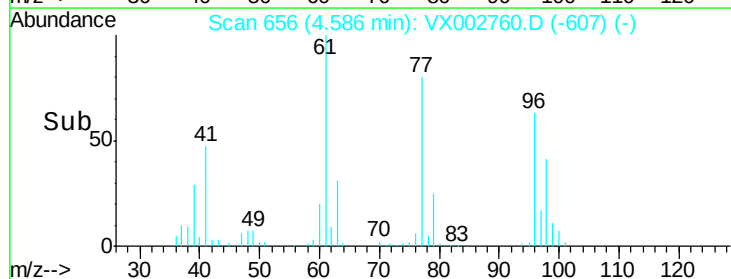
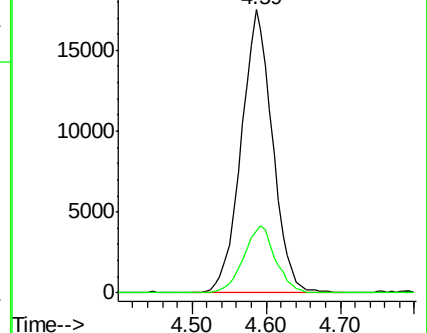
77 100

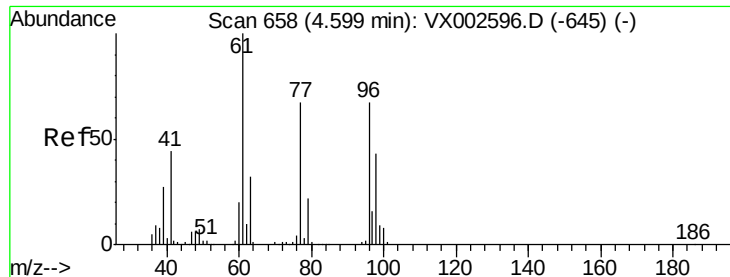
97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.96 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

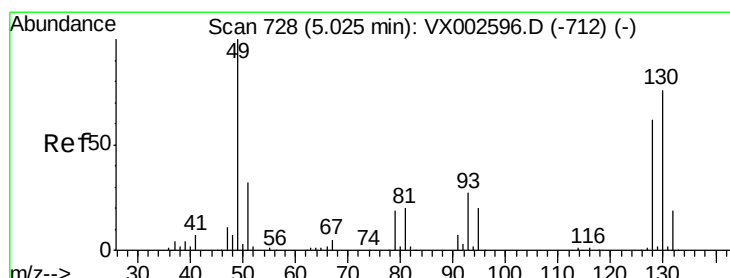
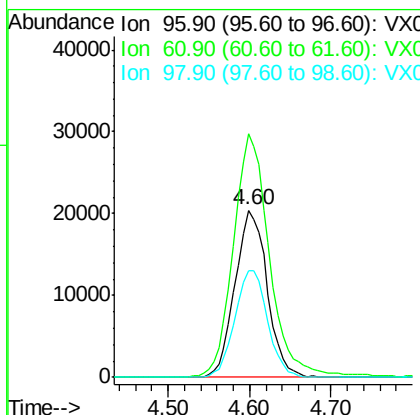
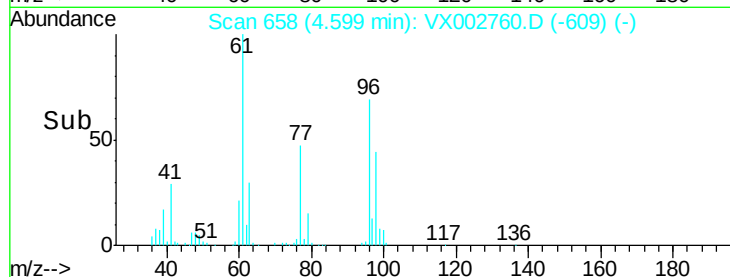
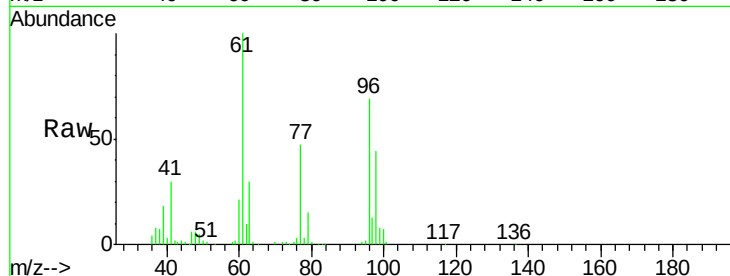
ClientSampleId :

VX0620WBSD02

Tot Ion:	96	Resp:	55892
Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	330.2
98	64.9	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 18.46 ug/l

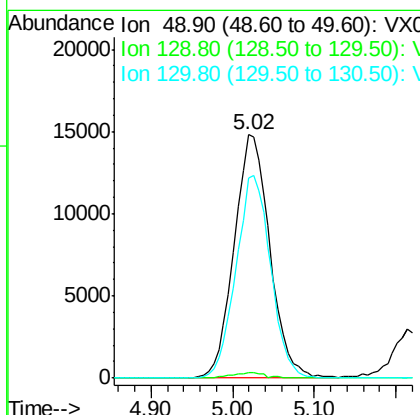
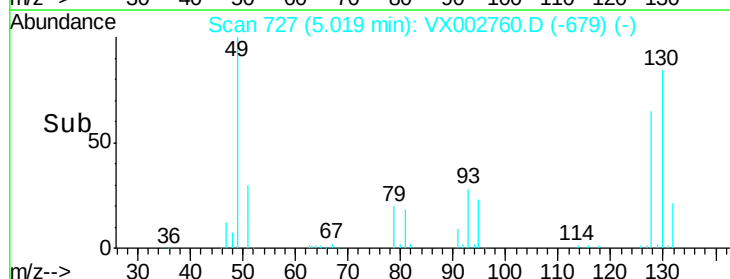
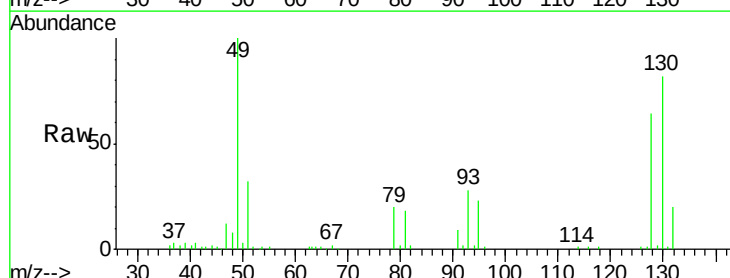
RT: 5.02 min Scan# 727

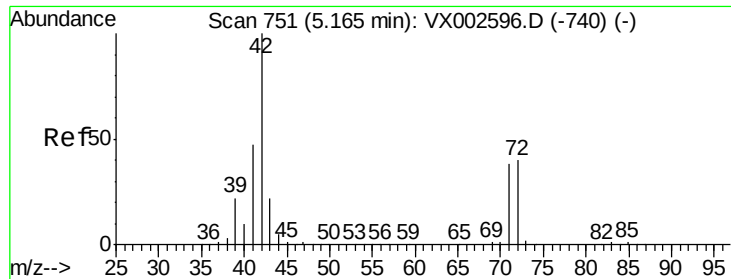
Delta R.T. -0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	49	Resp:	45020
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	80.7	61.2	91.8





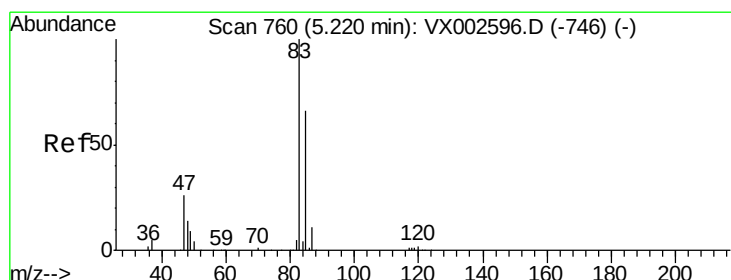
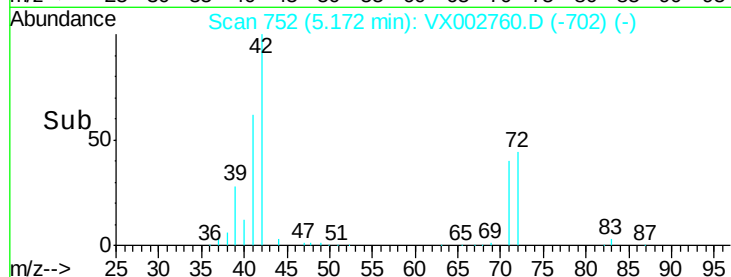
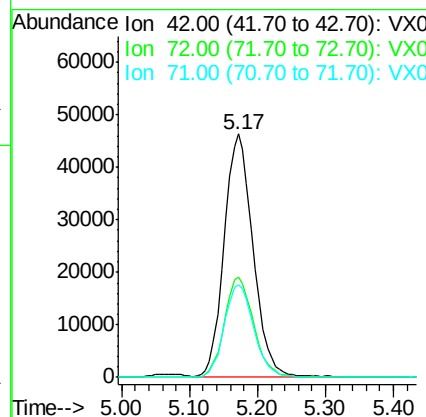
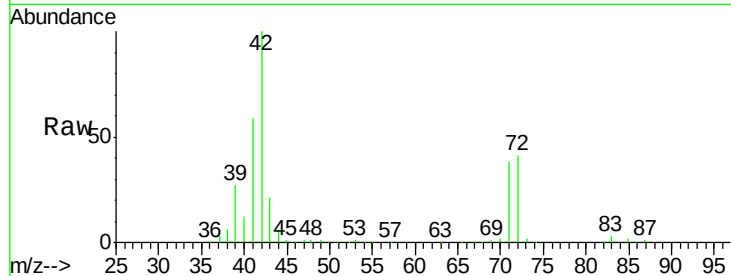
#29
Tetrahydrofuran
Concen: 98.59 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	39.1	30.1	45.1

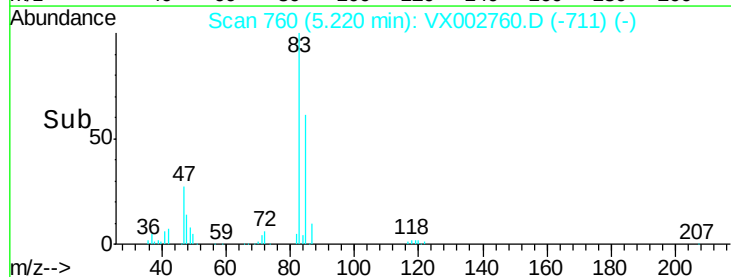
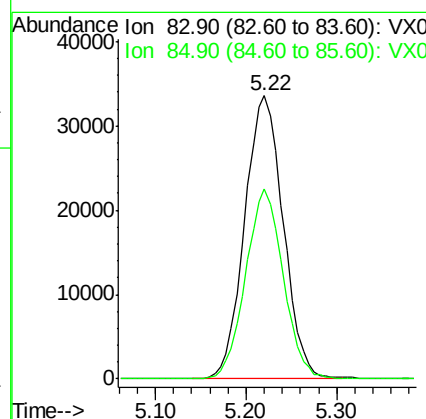
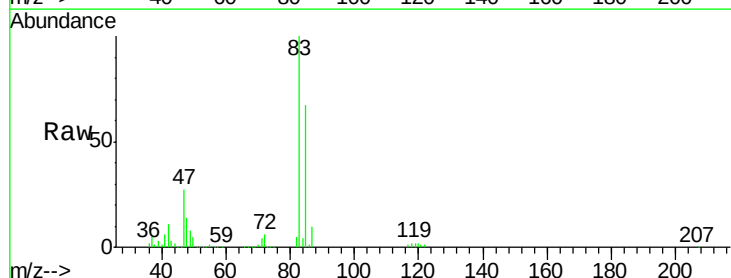
Manual Integrations
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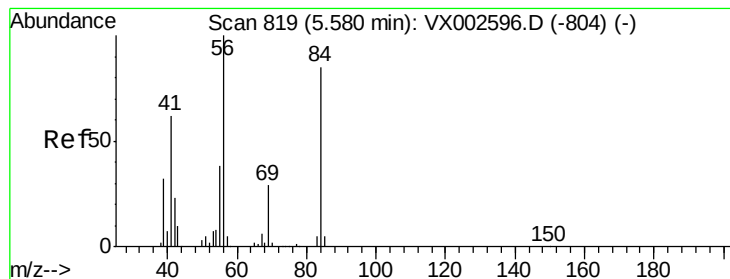
apatel
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#30
Chloroform
Concen: 19.70 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.4	75.6





#31

Cyclohexane

Concen: 18.89 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

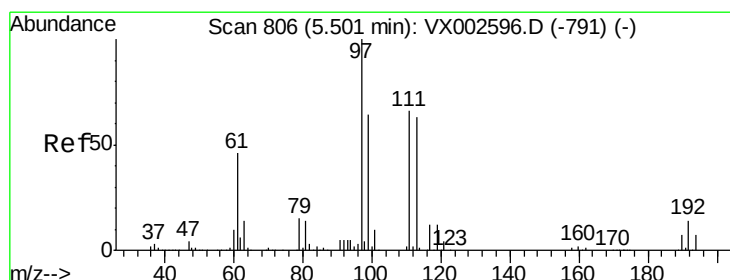
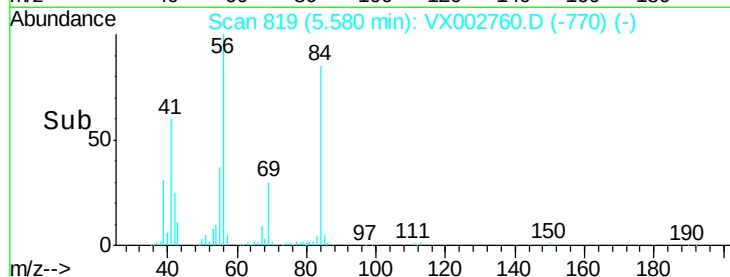
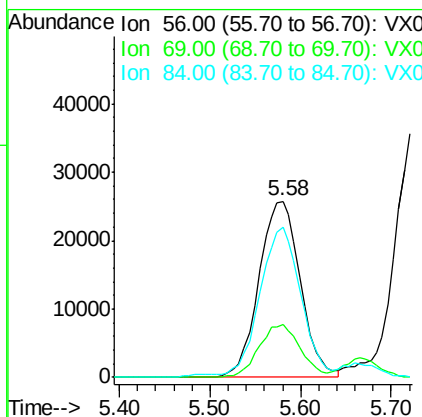
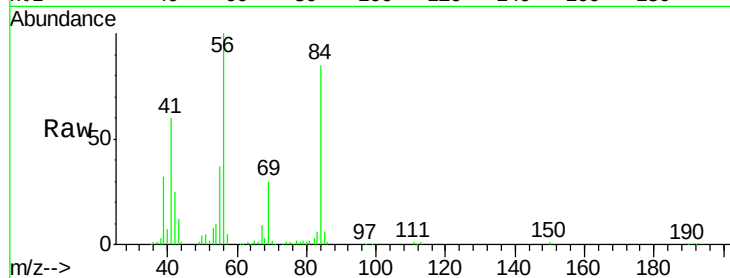
ClientSampleId :

VX0620WBSD02

Tot Ion:	56	Resp:	81001
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	84.4	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.56 ug/l

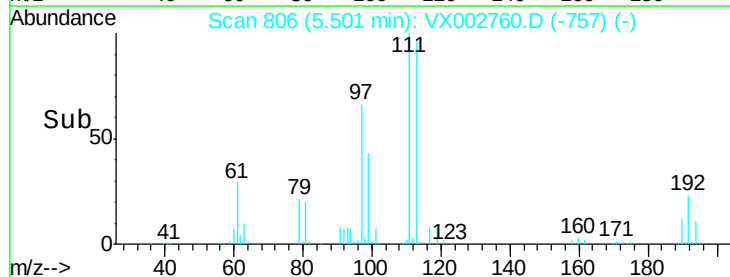
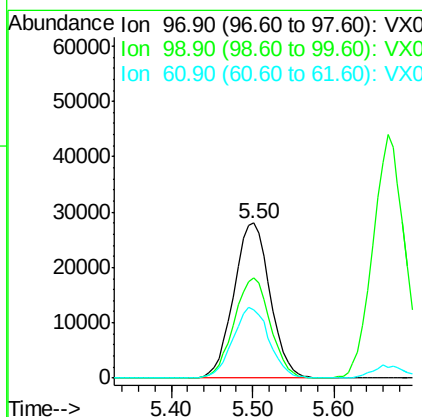
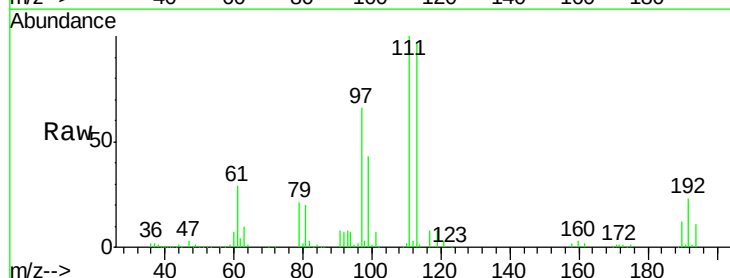
RT: 5.50 min Scan# 806

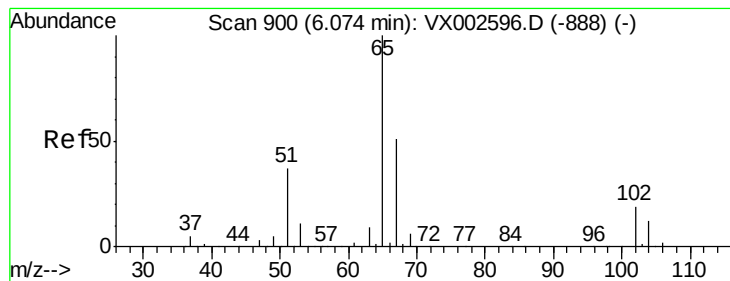
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	97	Resp:	86339
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	45.8	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 43.03 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 65 Resp: 156308

Ion Ratio Lower Upper

65 100

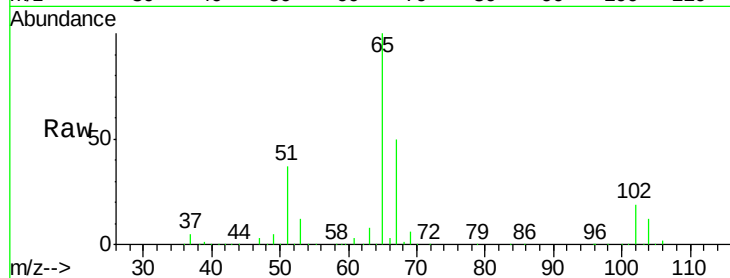
67 51.8 0.0 102.6

Manual Integrations

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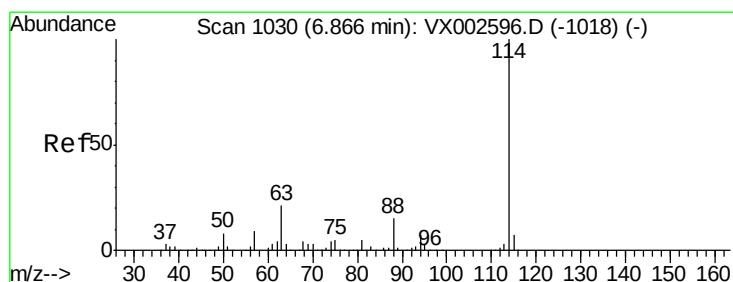
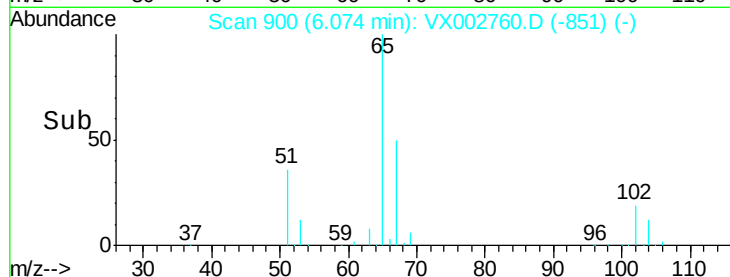
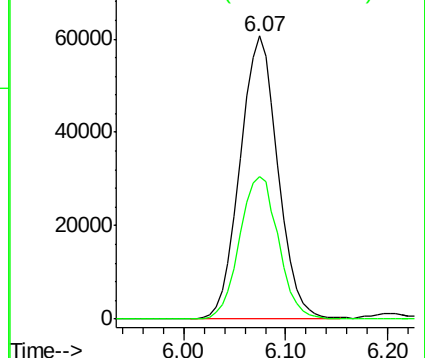
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX002760.D

Acq: 21 Jun 2018 00:19

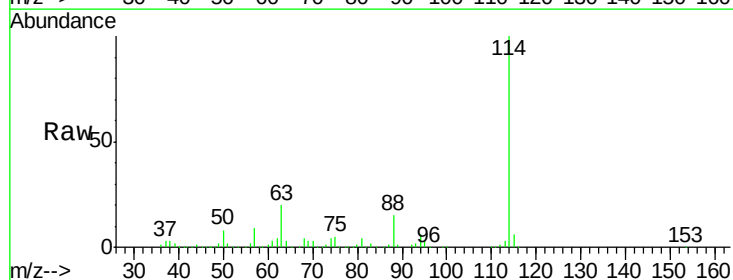
Tgt Ion: 114 Resp: 340265

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

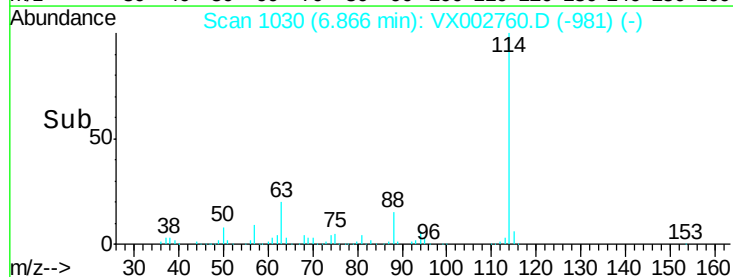
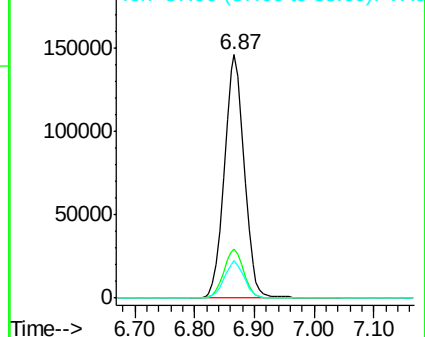
88 15.3 0.0 30.0

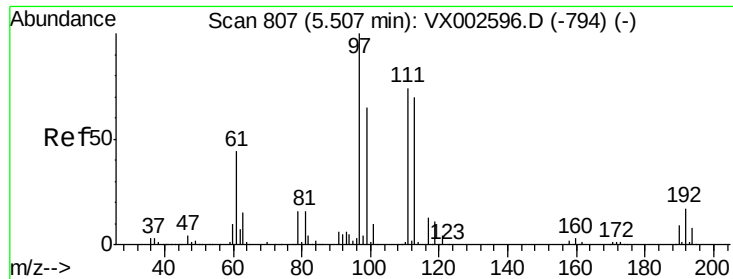


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





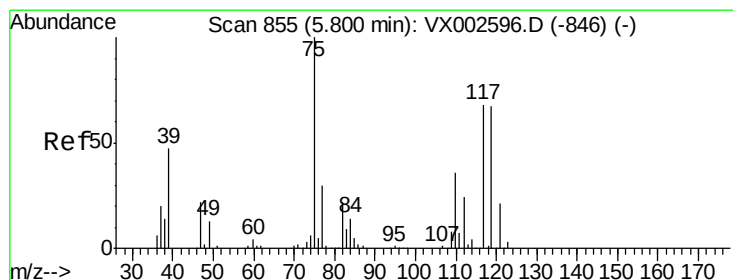
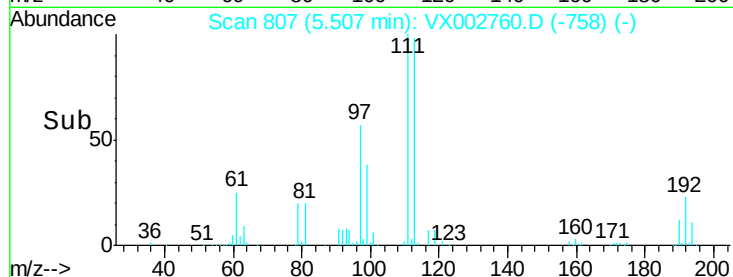
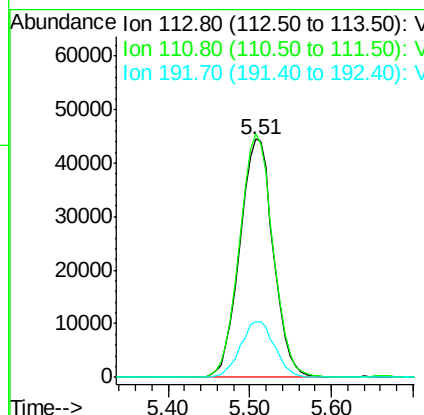
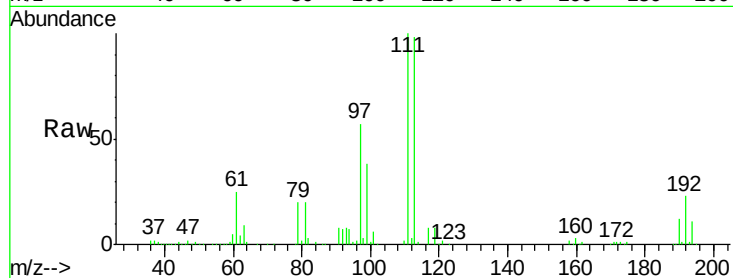
#35
 Dibromofluoromethane
 Concen: 46.71 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126852		
111	101.7	81.4	122.0	
192	23.9	19.1	28.7	

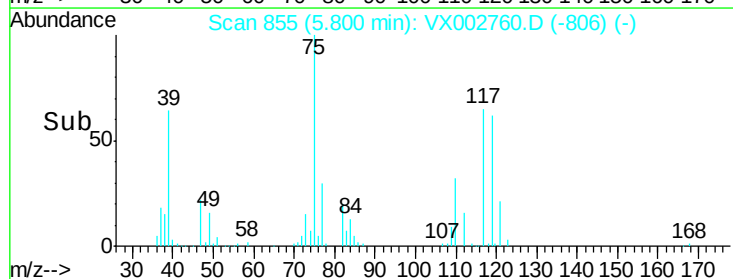
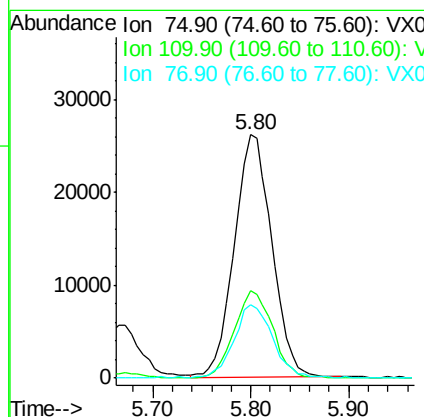
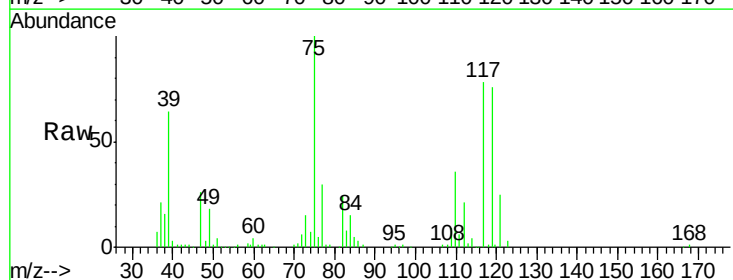
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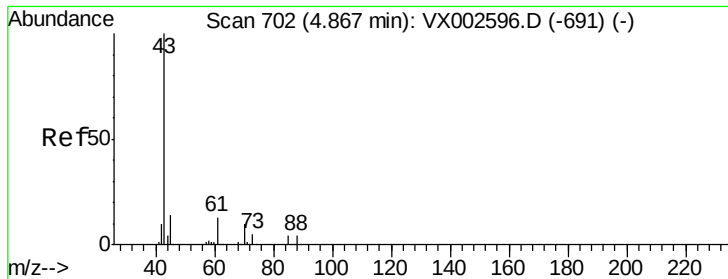
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.24 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69533		
110	37.0	18.1	54.4	
77	30.9	24.3	36.5	





#37

Ethyl Acetate

Concen: 19.88 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

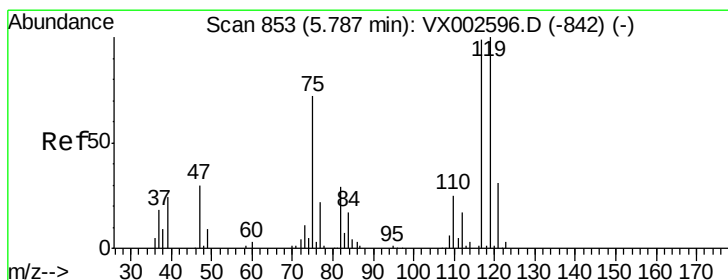
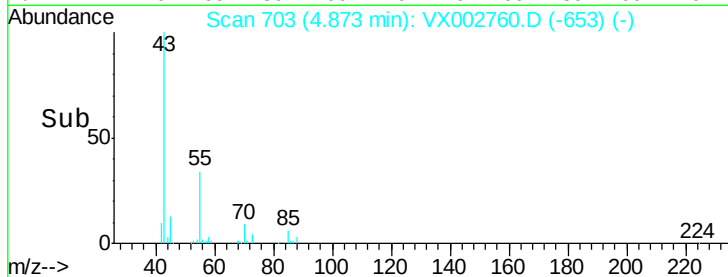
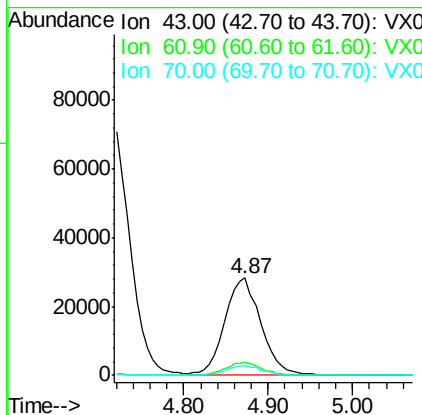
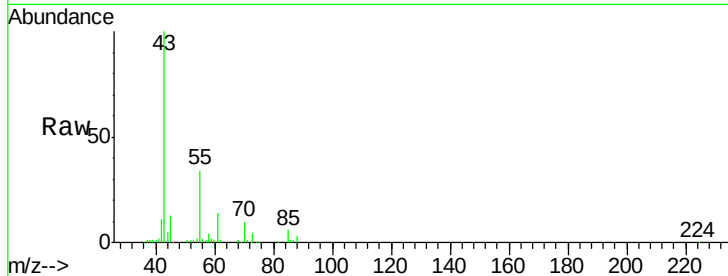
ClientSampleId :

VX0620WBSD02

Tot Ion:	43	Resp:	81323
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.9	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 21.34 ug/l

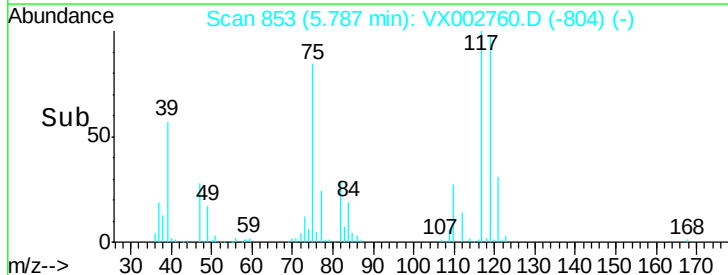
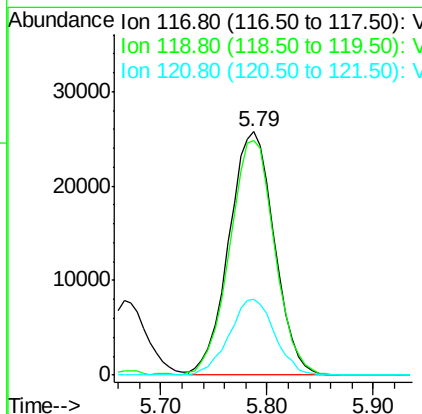
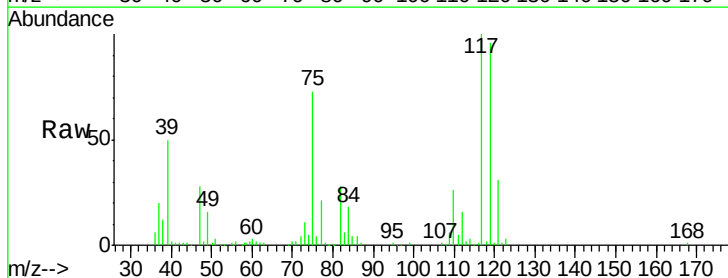
RT: 5.79 min Scan# 853

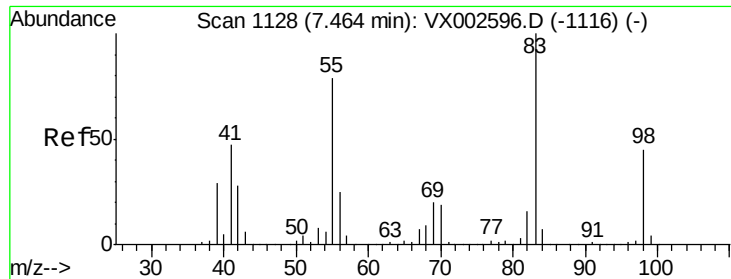
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	117	Resp:	76778
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
121	31.3	24.4	36.6





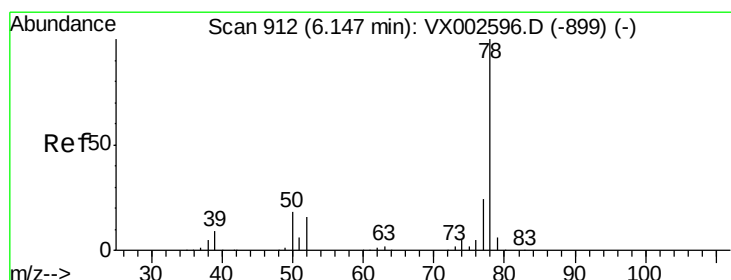
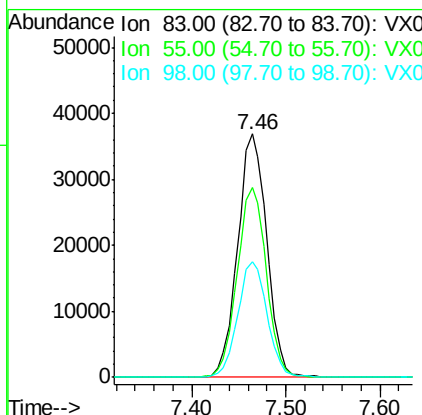
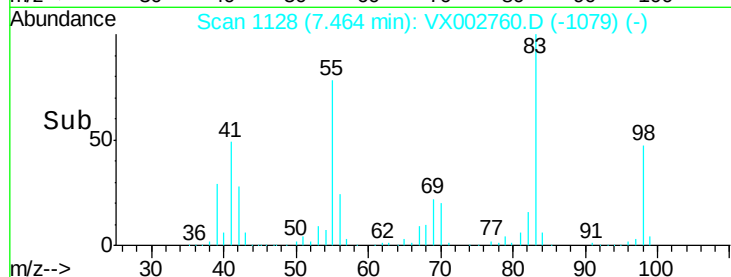
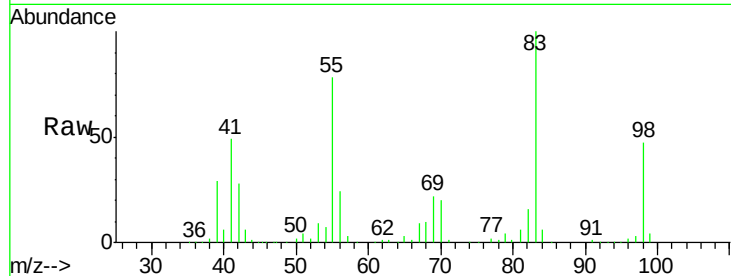
#39
Methylvlcyclohexane
Concen: 18.93 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.4	98.0
98	47.3	37.4	56.0

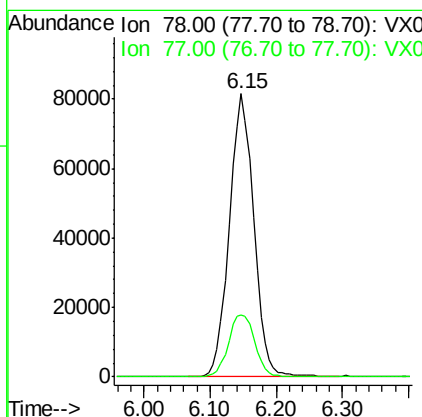
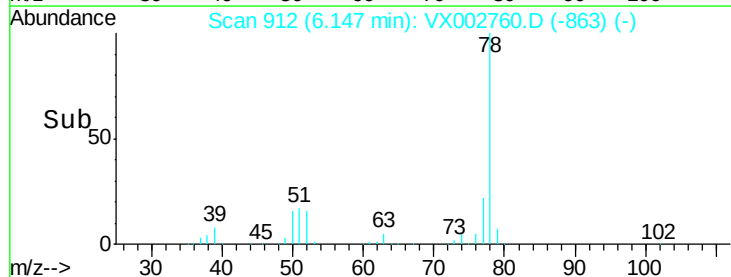
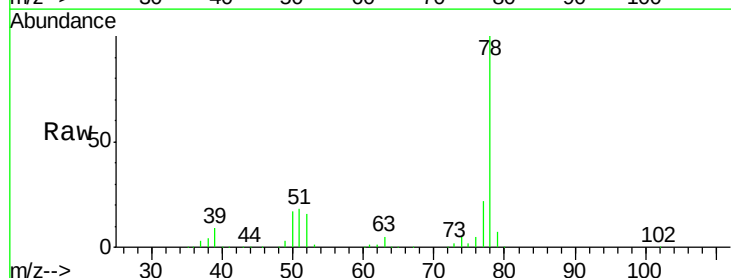
Manual Integrations
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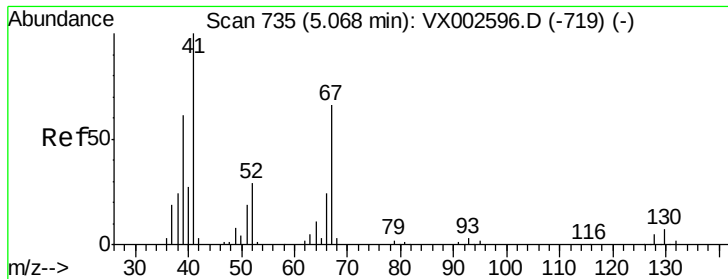
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#40
Benzene
Concen: 19.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.1	28.7





#41

Methacrylonitrile

Concen: 19.69 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

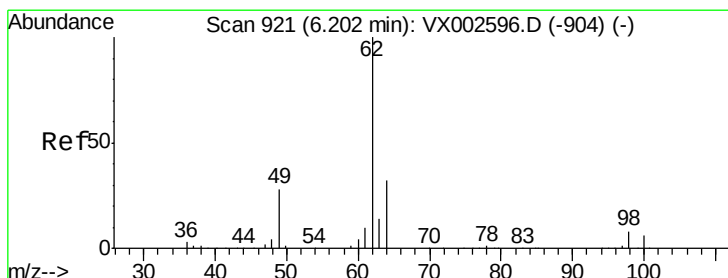
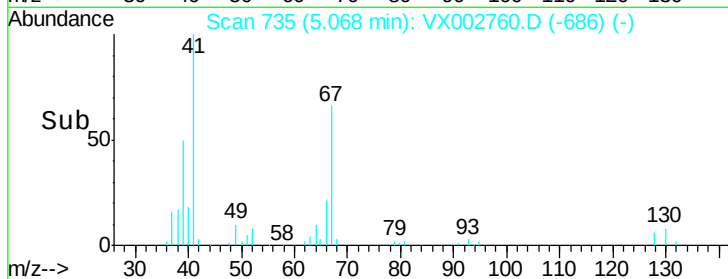
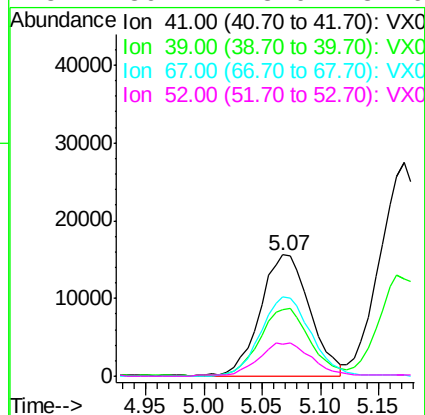
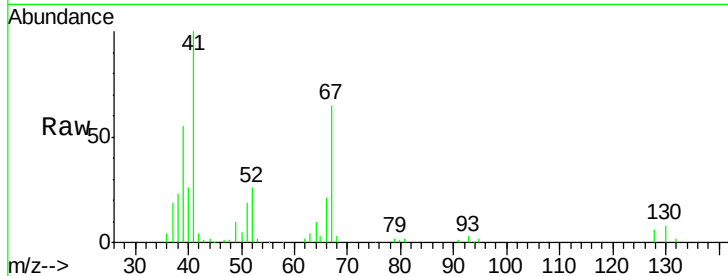
ClientSampleId :

VX0620WBSD02

Tot Ion:	41	Resp:	45472
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	66.8	51.3	76.9
52	30.2	23.0	34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.80 ug/l

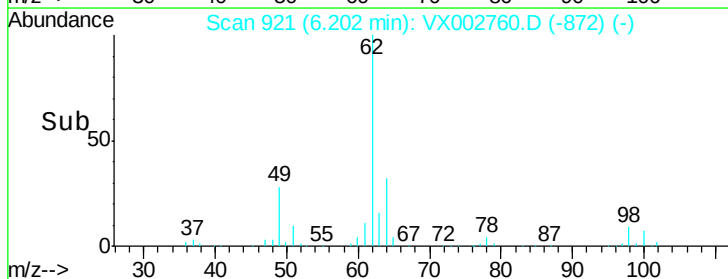
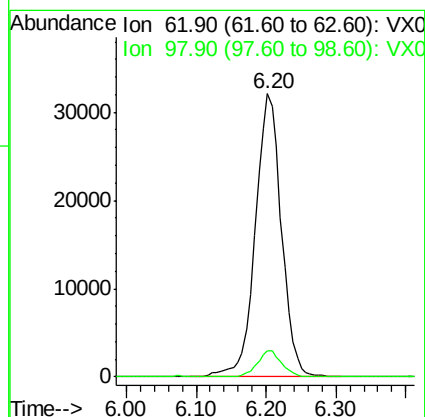
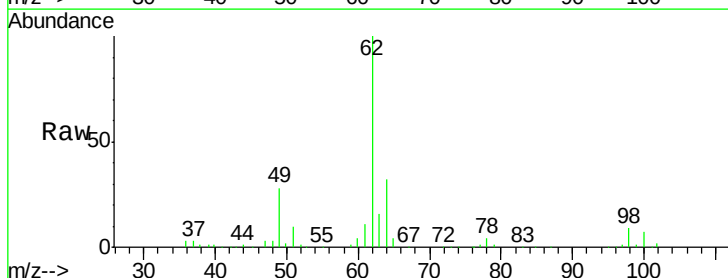
RT: 6.20 min Scan# 921

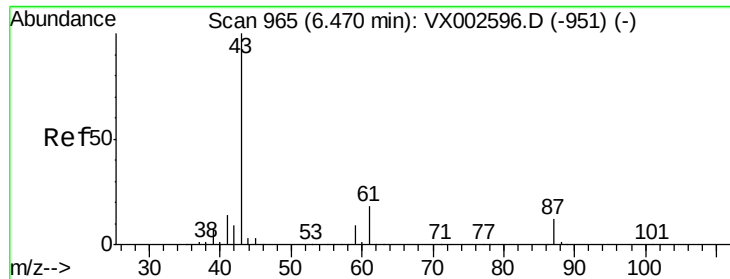
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	62	Resp:	83073
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.03 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

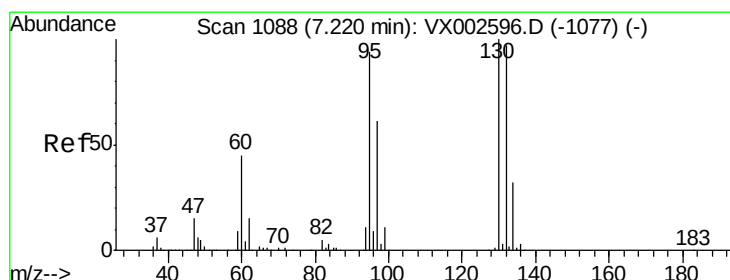
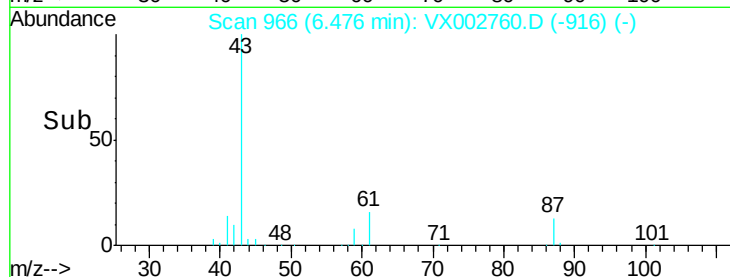
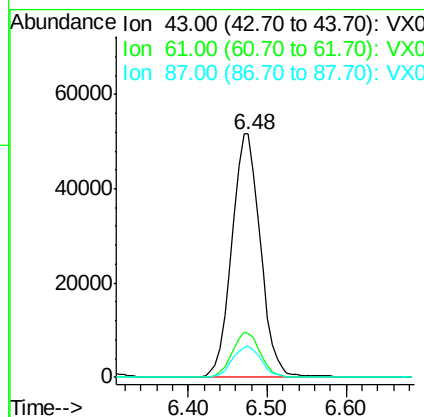
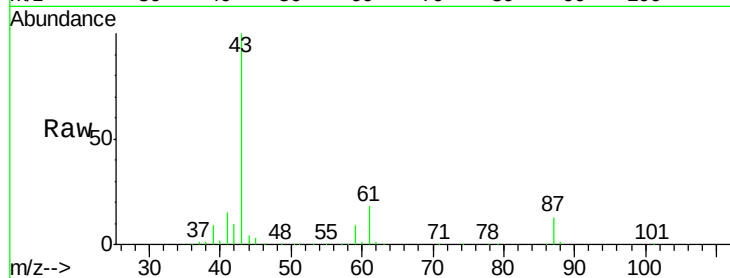
ClientSampleId :

VX0620WBSD02

Tot Ion:	43	Resp:	128986
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.9	9.5	14.3

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#44

Trichloroethene

Concen: 19.48 ug/l

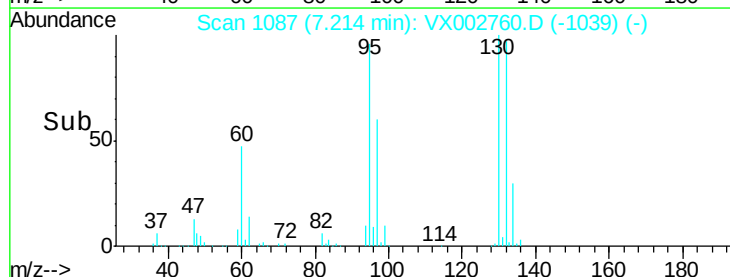
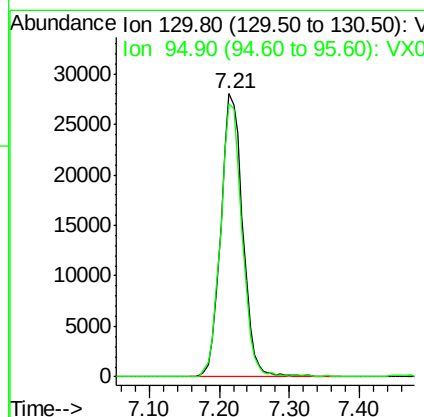
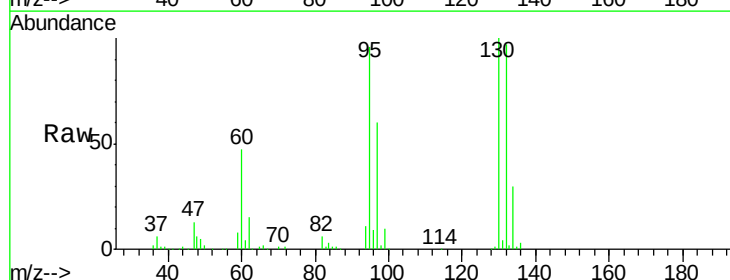
RT: 7.21 min Scan# 1087

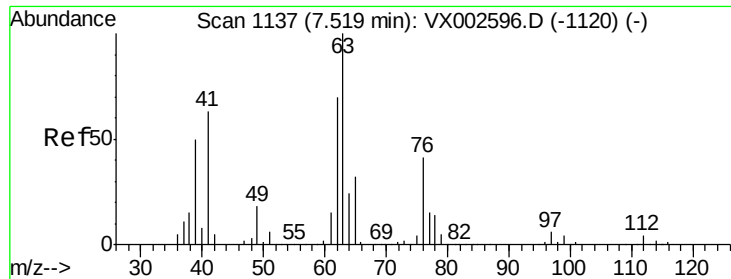
Delta R.T. -0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	130	Resp:	60939
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	185.4





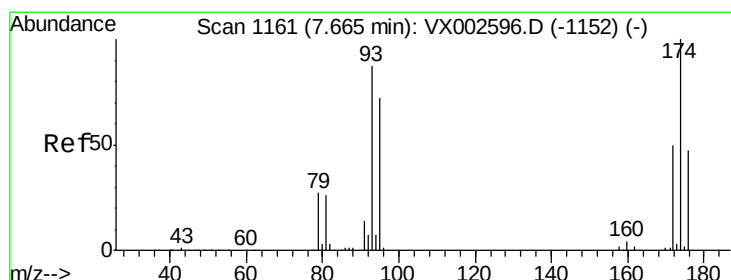
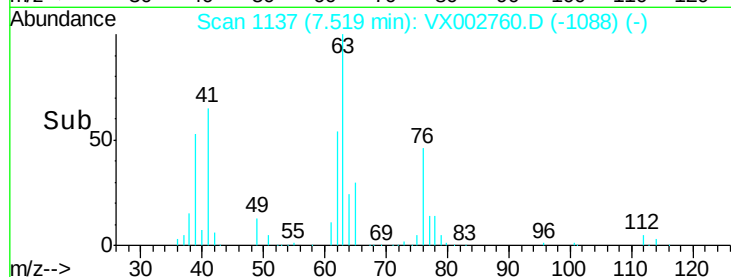
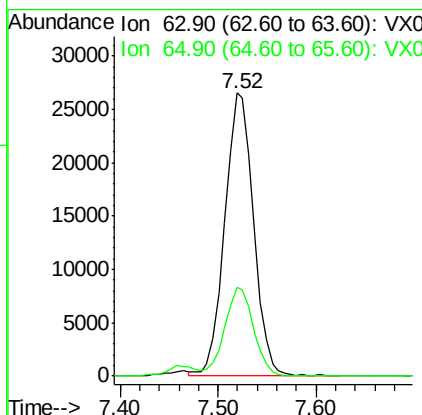
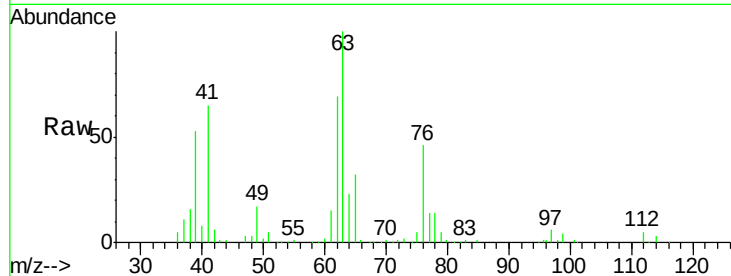
#45
 1,2-Dichloropropane
 Concen: 18.98 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion: 63 Resp: 54123
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

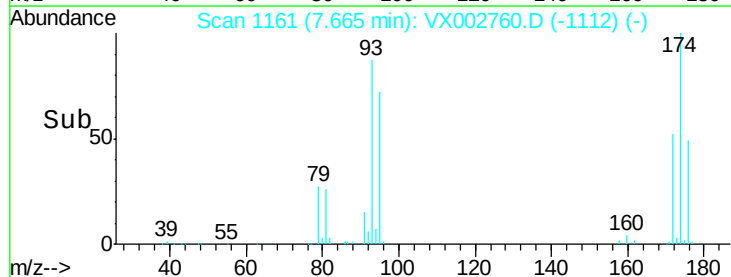
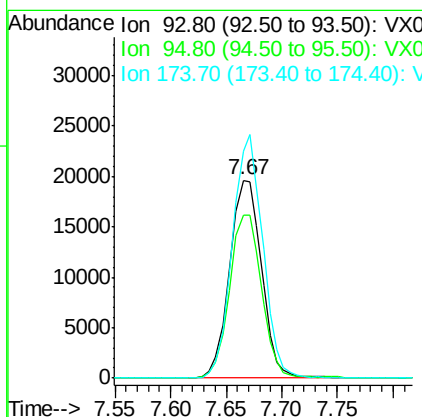
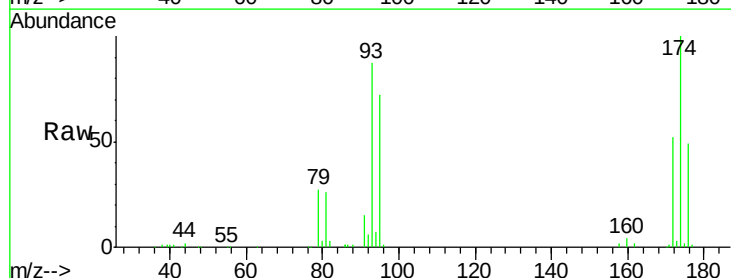
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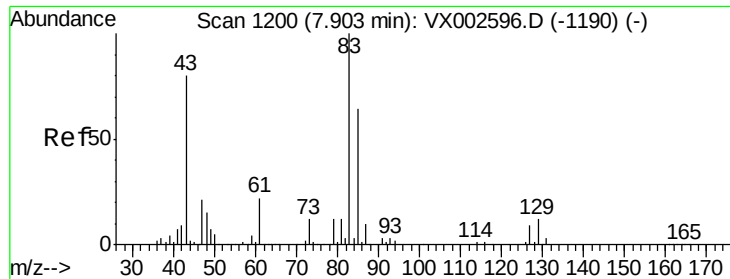
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#46
 Dibromomethane
 Concen: 20.47 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 93 Resp: 39056
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 116.8 92.4 138.6





#47

Bromodichloromethane

Concen: 21.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

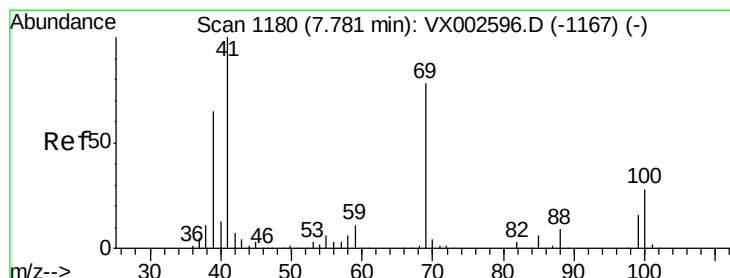
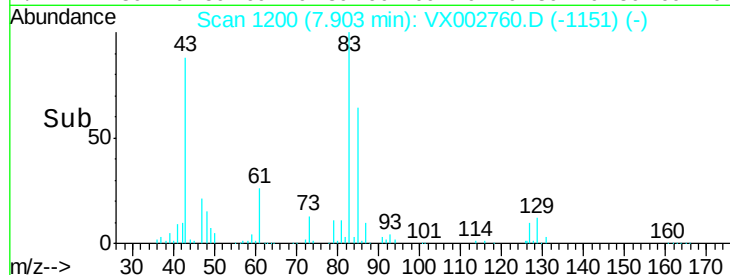
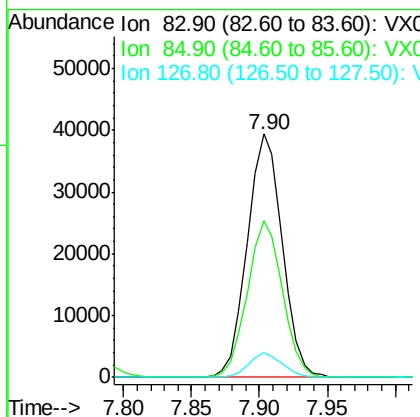
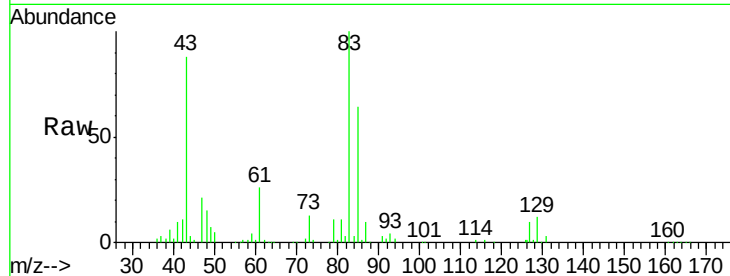
ClientSampleId :

VX0620WBSD02

Tot Ion:	83	Resp:	71219
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.3	75.5
127	10.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.31 ug/l

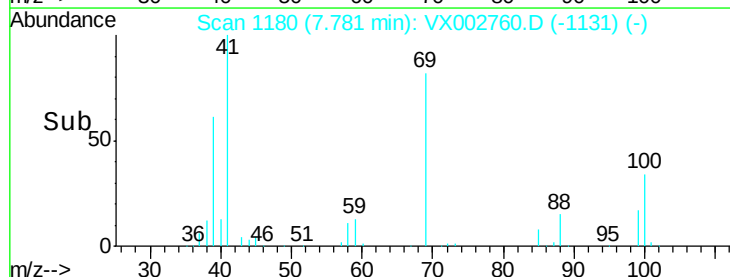
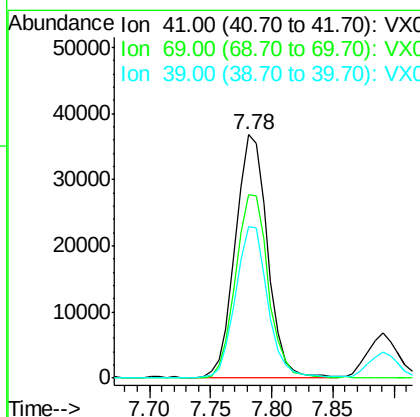
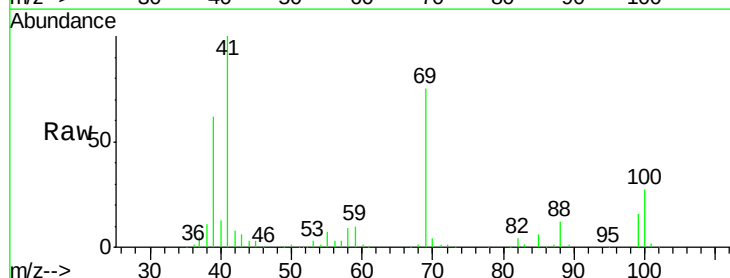
RT: 7.78 min Scan# 1180

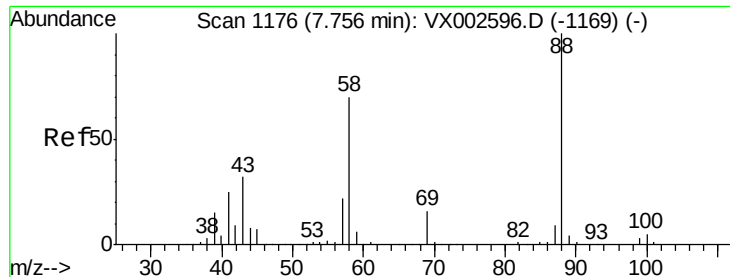
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	41	Resp:	66862
Ion	Ratio	Lower	Upper
41	100		
69	77.1	59.1	88.7
39	61.3	48.9	73.3





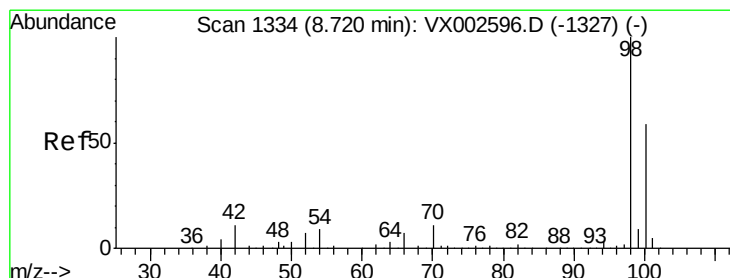
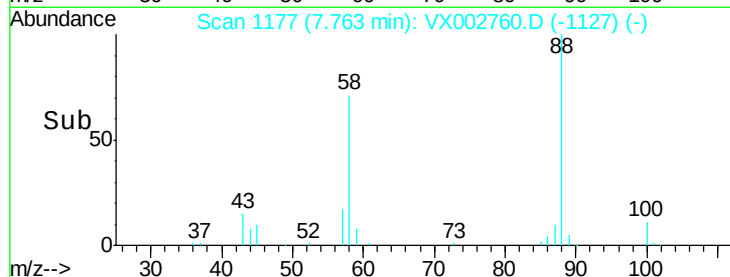
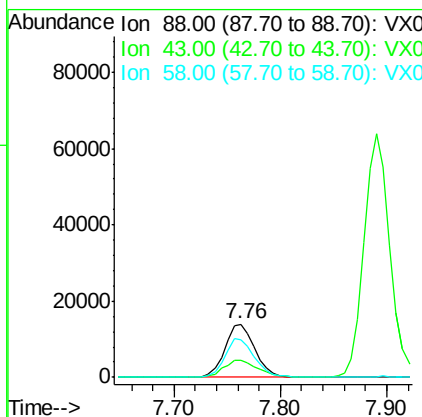
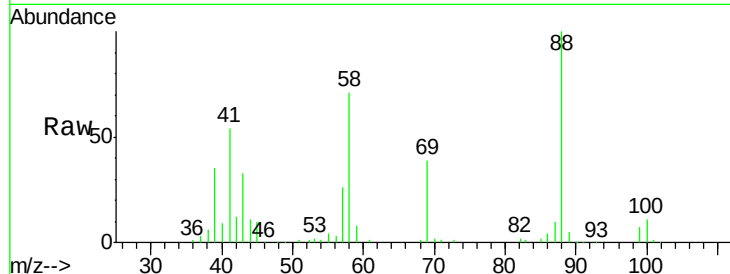
#49
1,4-Dioxane
Concen: 416.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	29.8	44.6
58	72.3	57.1	85.7

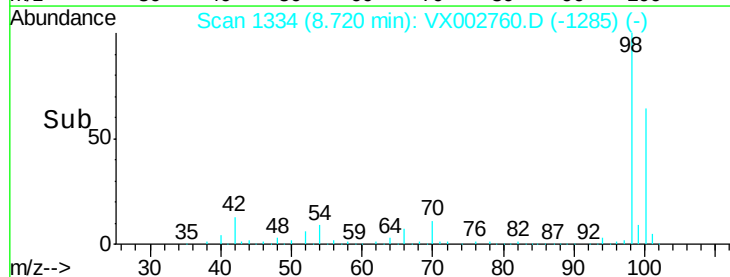
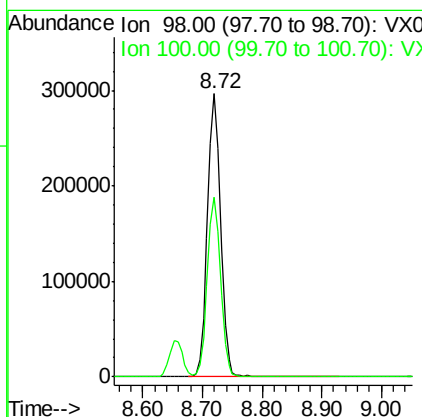
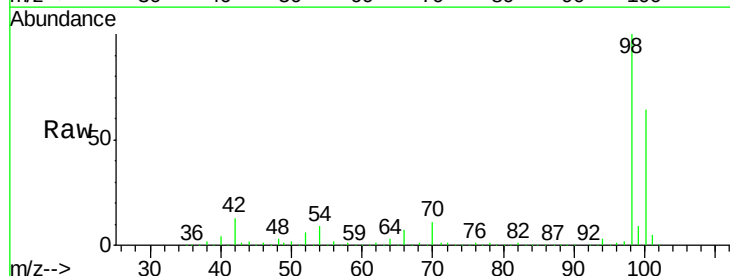
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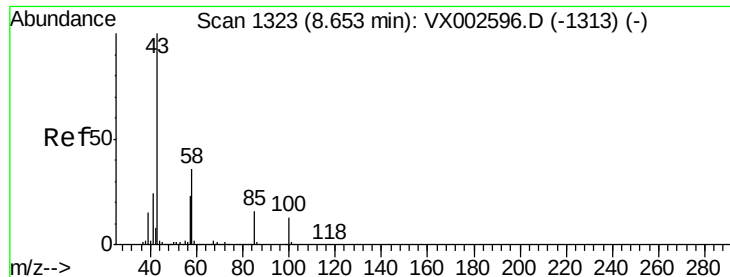
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#50
Toluene-d8
Concen: 43.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





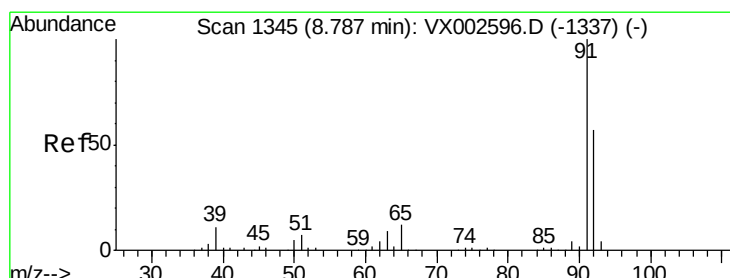
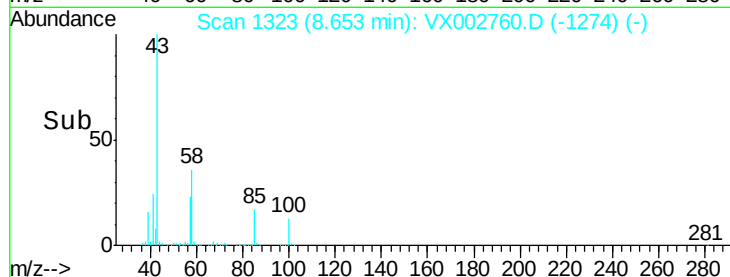
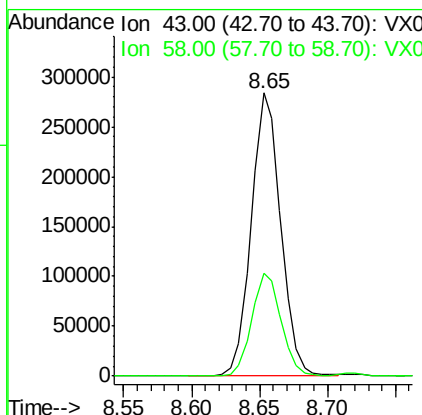
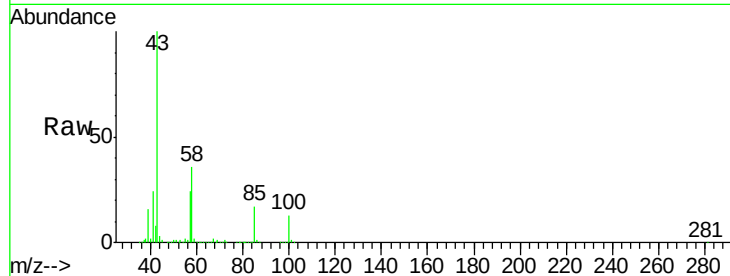
#51
4-Methyl-2-Pentanone
Concen: 99.28 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion: 43 Resp: 431977
Ion Ratio Lower Upper
43 100
58 36.3 28.6 42.8

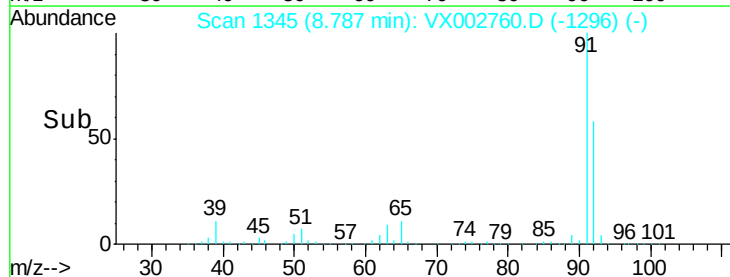
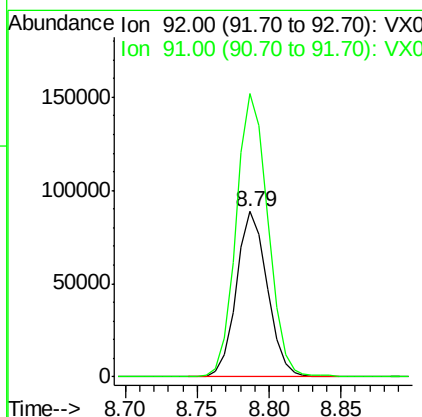
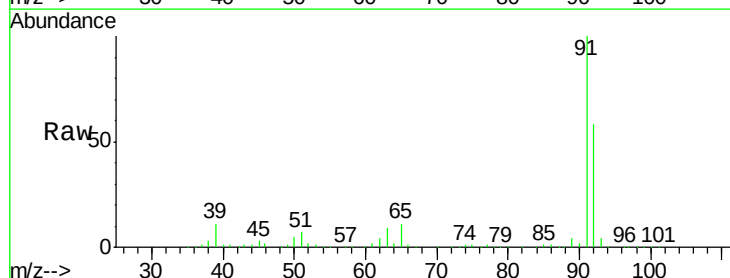
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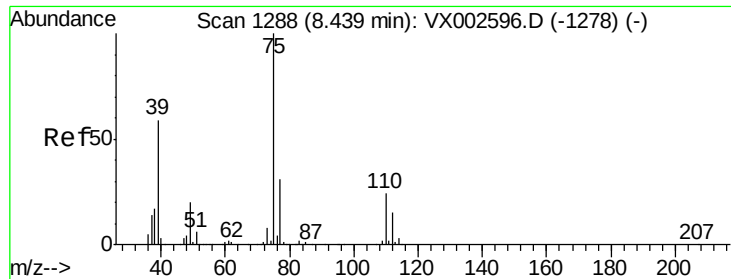
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#52
Toluene
Concen: 19.27 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 92 Resp: 133191
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 75 Resp: 75062

Ion Ratio Lower Upper

75 100

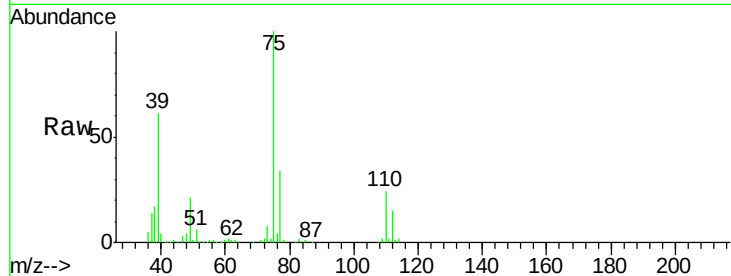
77 34.3 25.4 38.2

Manual Integrations

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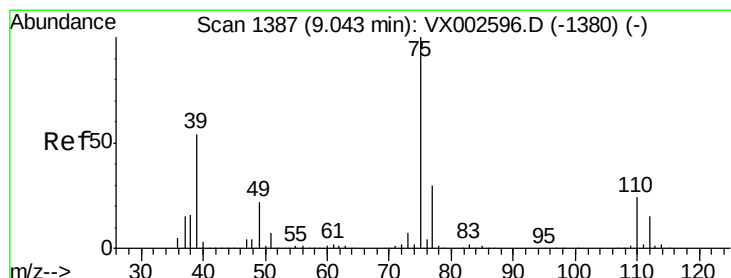
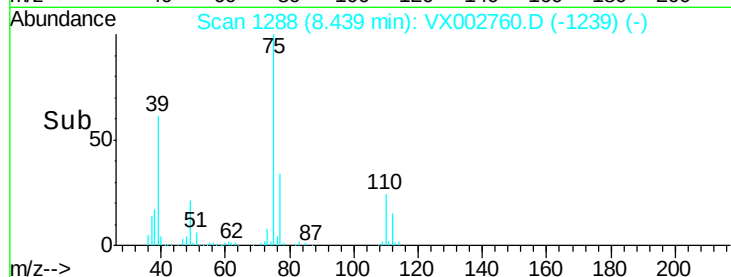
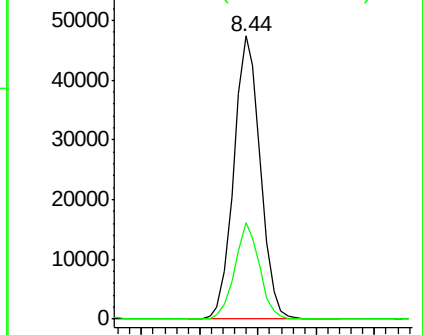
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.44 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

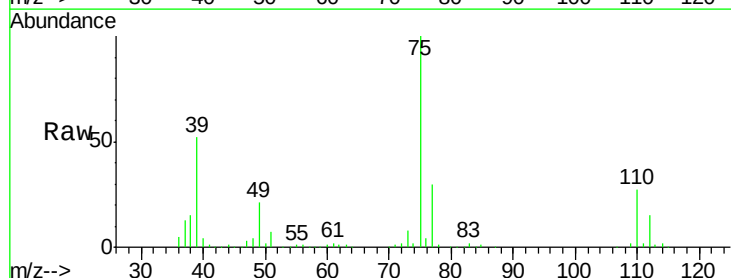
Tgt Ion: 75 Resp: 69140

Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

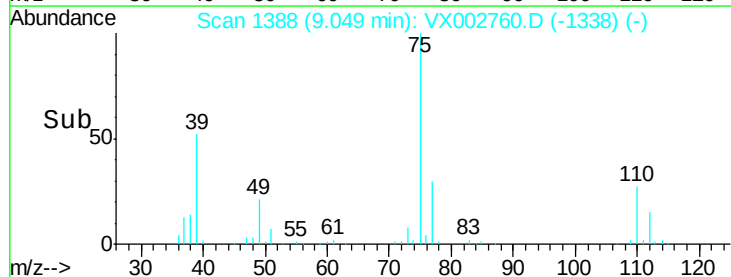
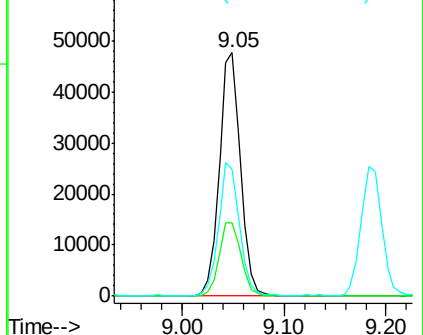
39 52.0 42.4 63.6

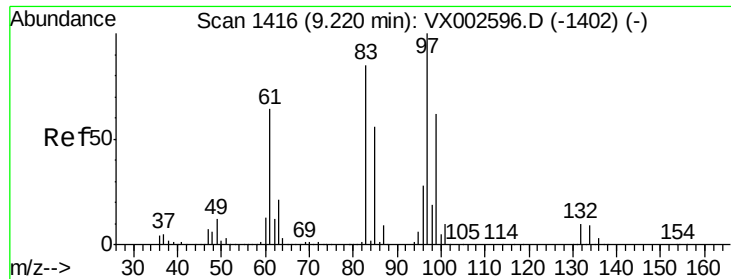


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





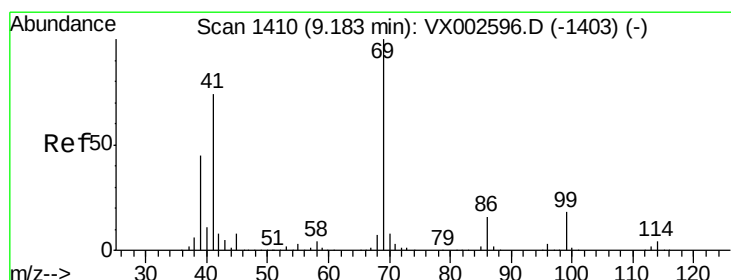
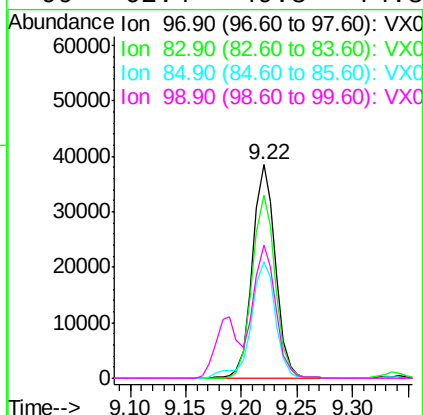
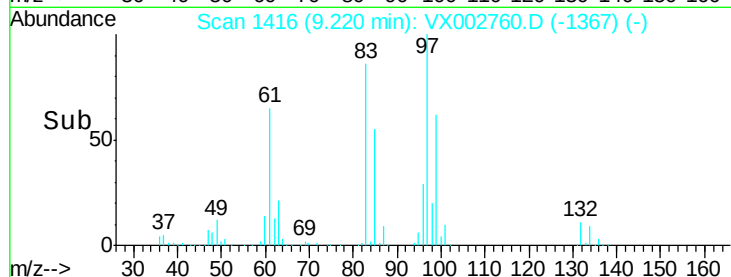
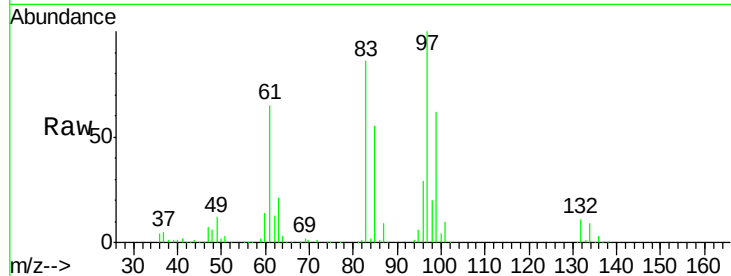
#55
 1,1,2-Trichloroethane
 Concen: 19.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion:	97	Resp:	55665
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.2
85	54.8	44.9	67.3
99	62.4	49.8	74.8

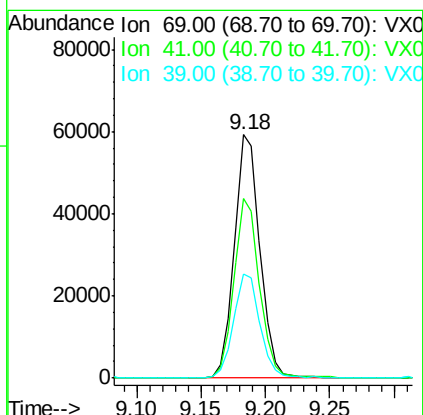
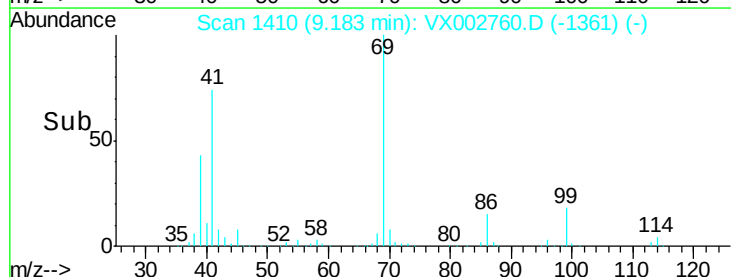
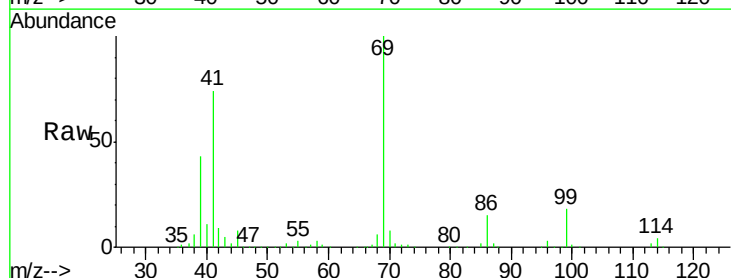
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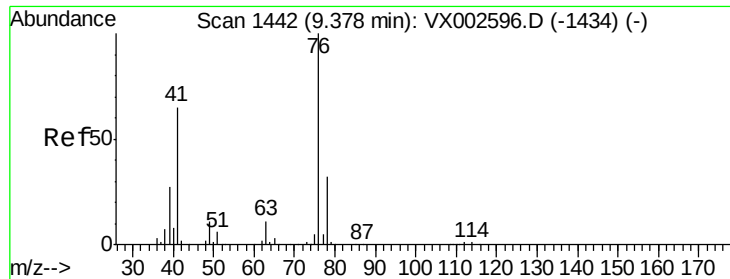
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#56
 Ethyl methacrylate
 Concen: 19.12 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion:	69	Resp:	82189
Ion	Ratio	Lower	Upper
69	100		
41	72.9	60.3	90.5
39	43.3	35.8	53.8





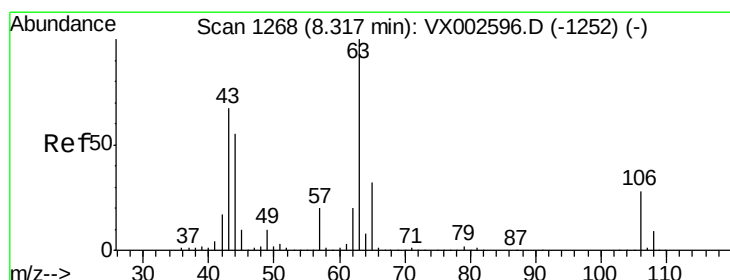
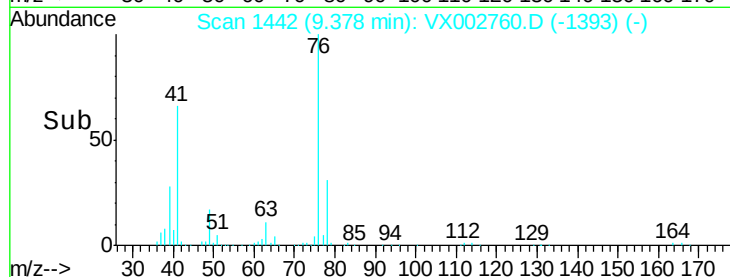
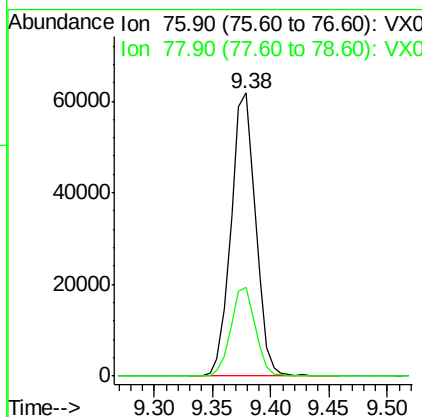
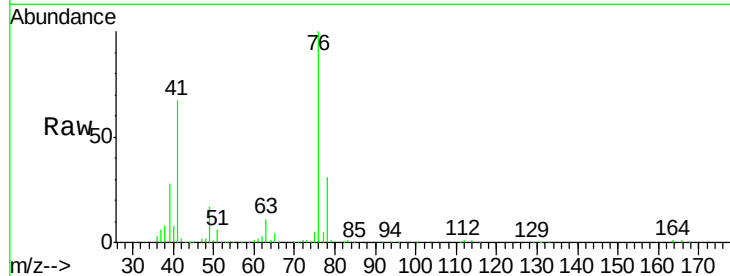
#57
 1,3-Dichloropropane
 Concen: 19.33 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion: 76 Resp: 91289
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.6

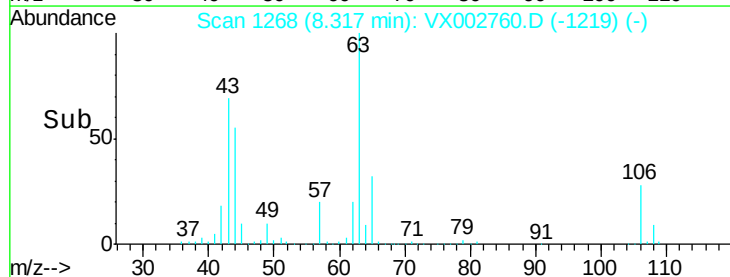
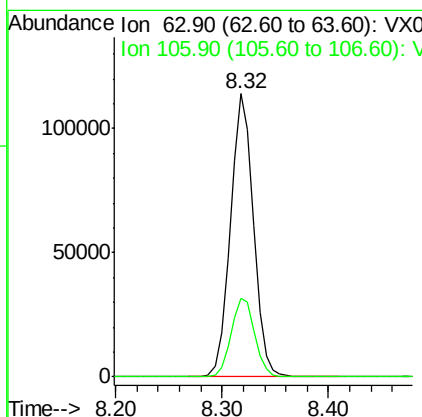
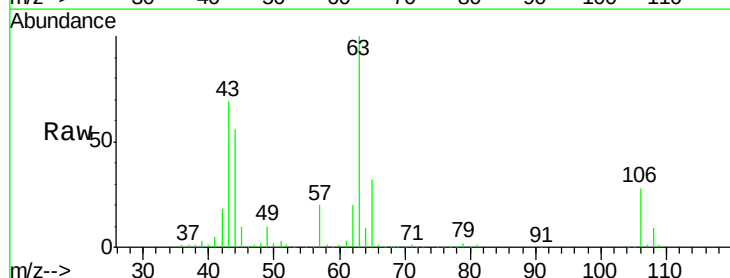
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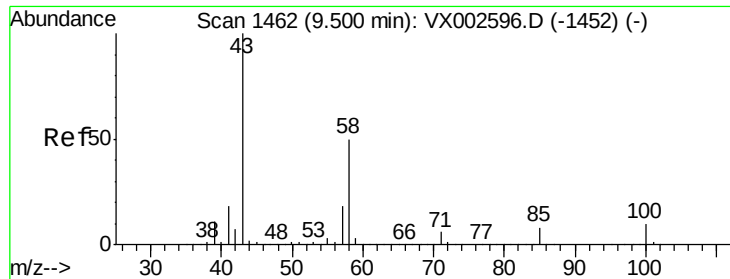
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#58
 2-Chloroethyl Vinyl ether
 Concen: 83.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 63 Resp: 173670
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8





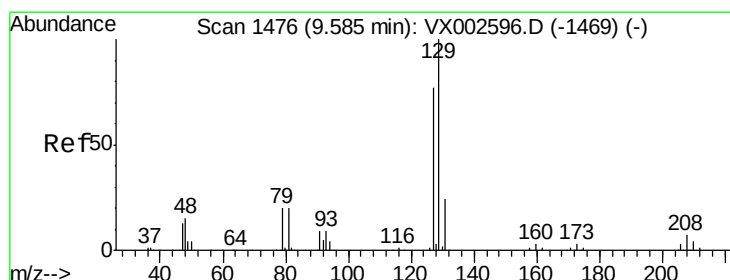
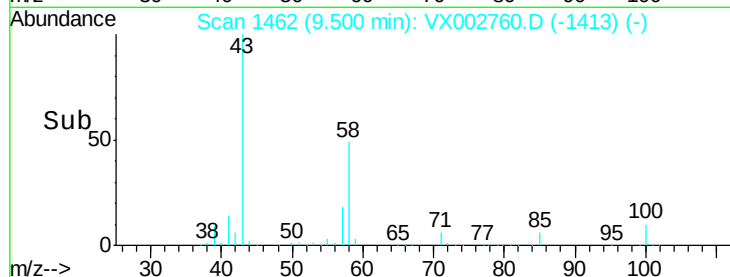
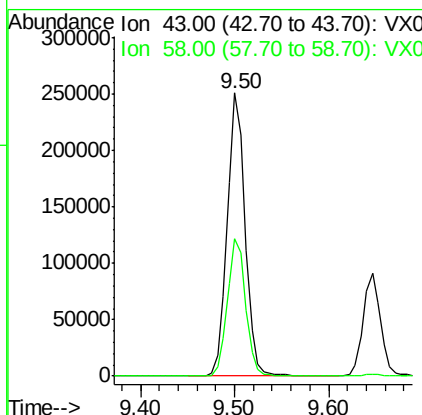
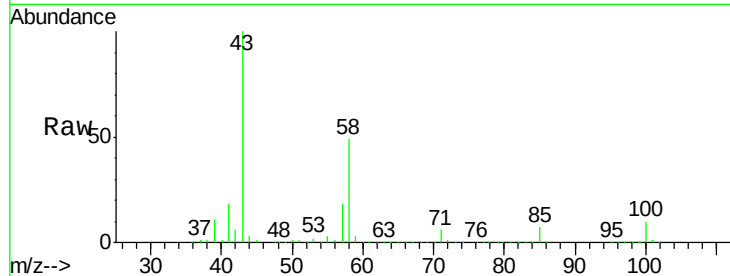
#59
2-Hexanone
Concen: 100.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion: 43 Resp: 330783
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6

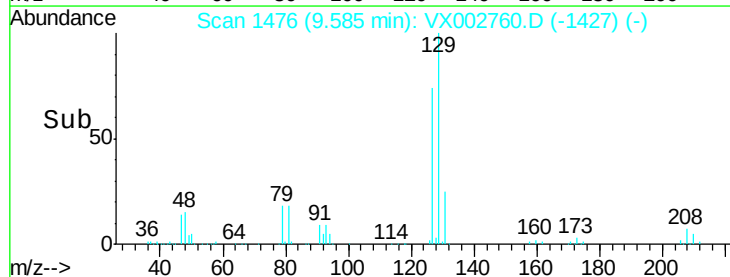
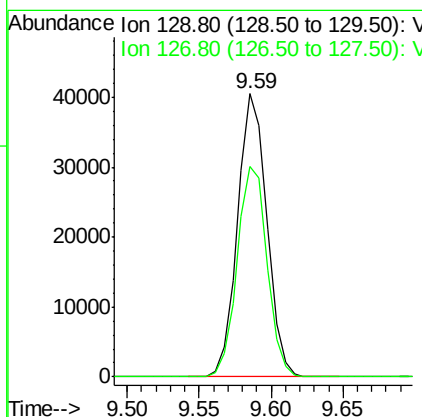
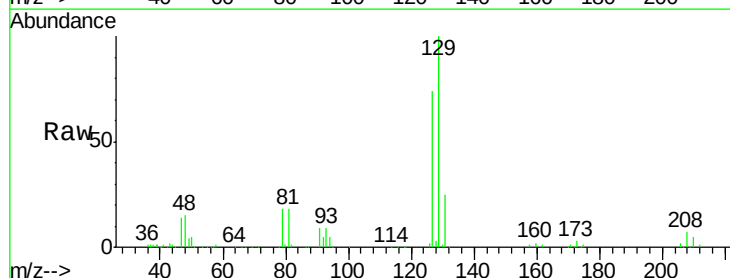
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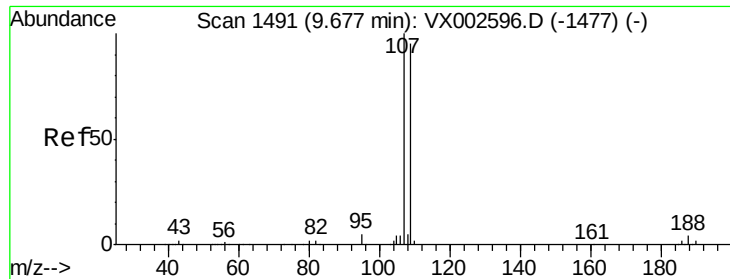
apatel
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#60
Dibromochloromethane
Concen: 20.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 129 Resp: 57220
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.94 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion:107 Resp: 57682

Ion Ratio Lower Upper

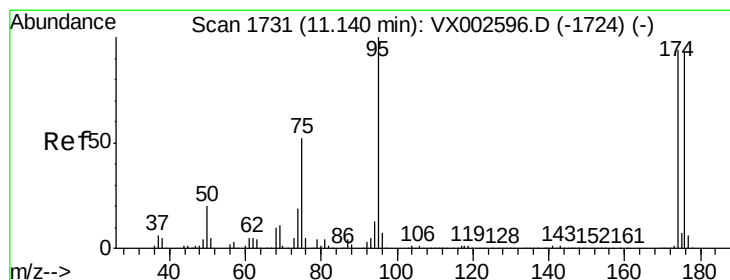
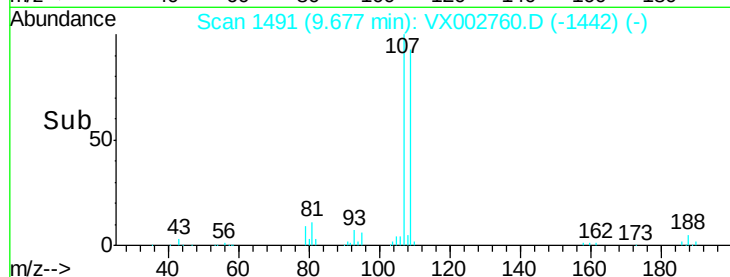
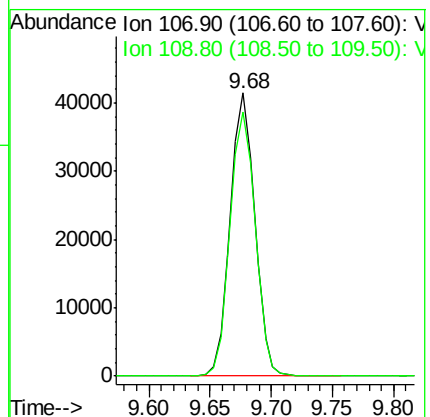
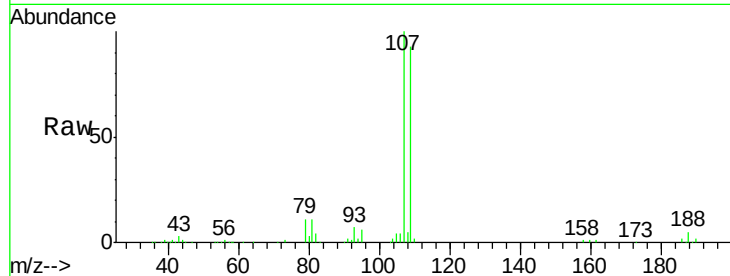
107 100

109 95.8 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 43.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

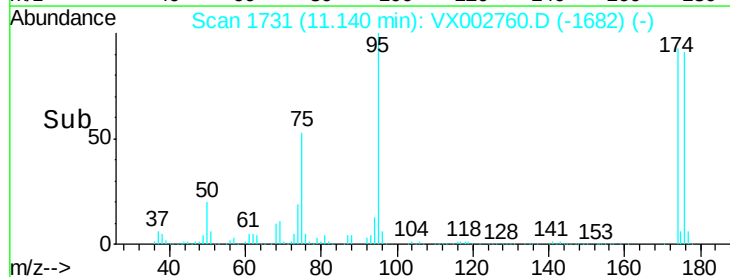
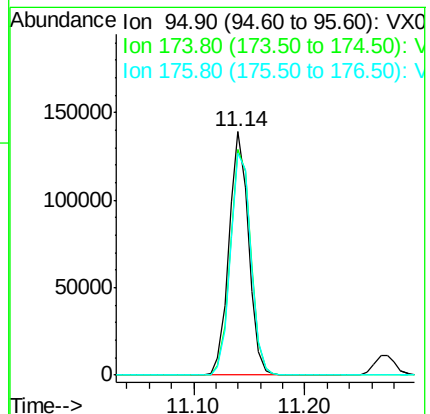
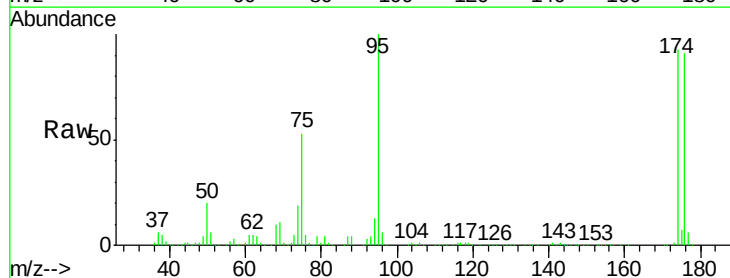
Tgt Ion: 95 Resp: 168834

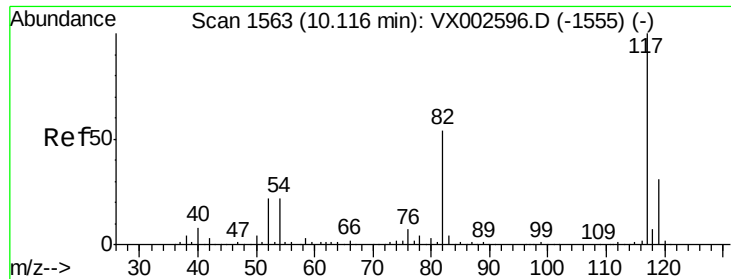
Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

176 95.4 0.0 181.0





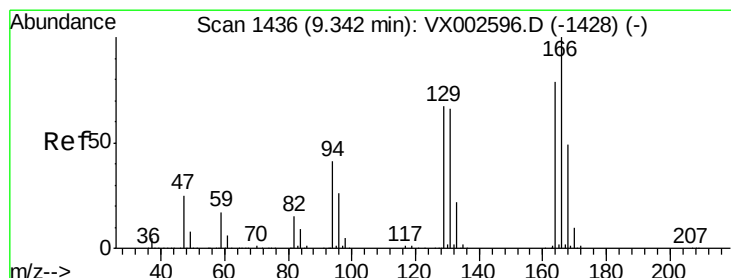
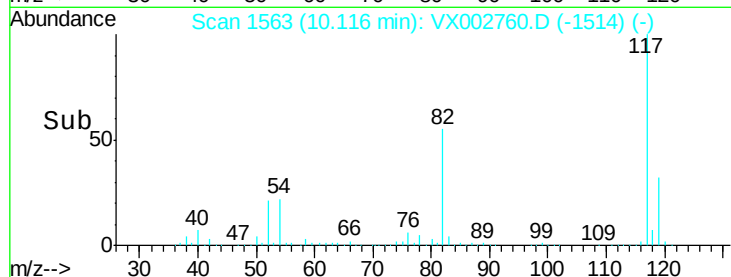
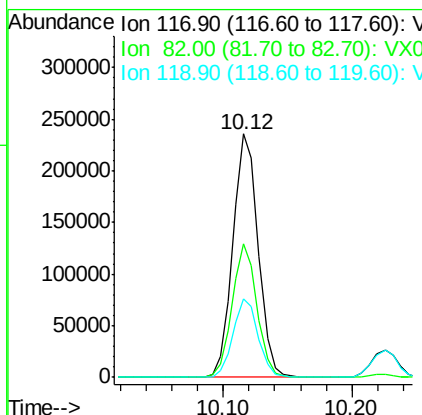
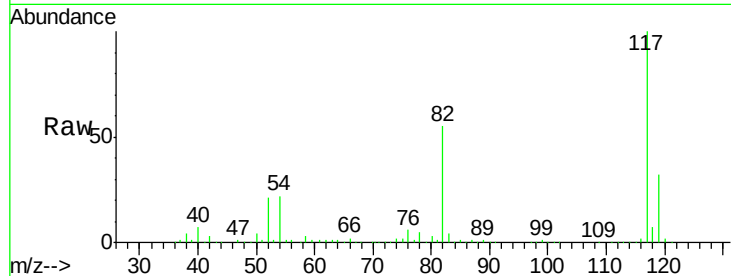
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.4
119	32.2	25.8	38.6

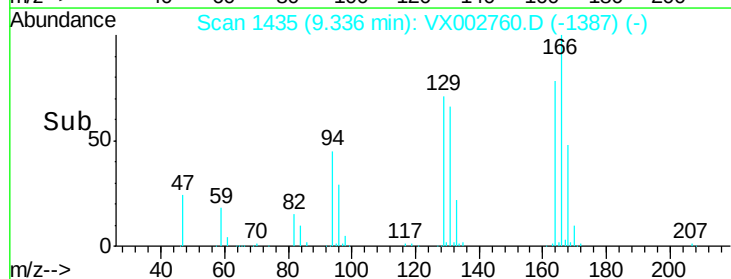
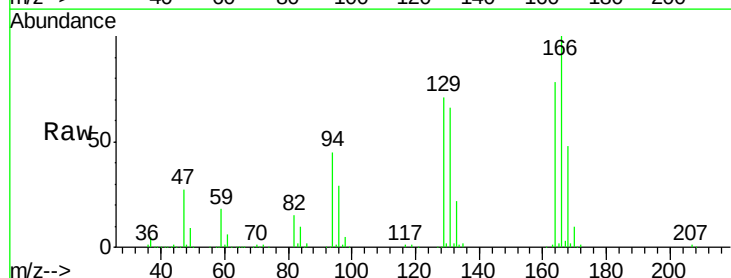
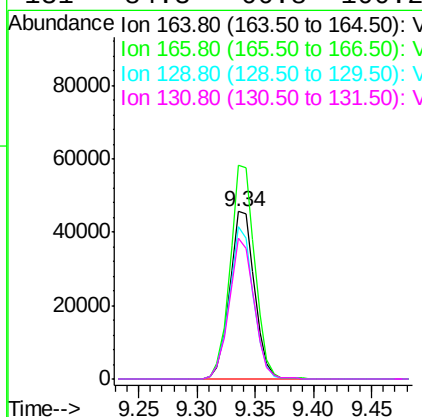
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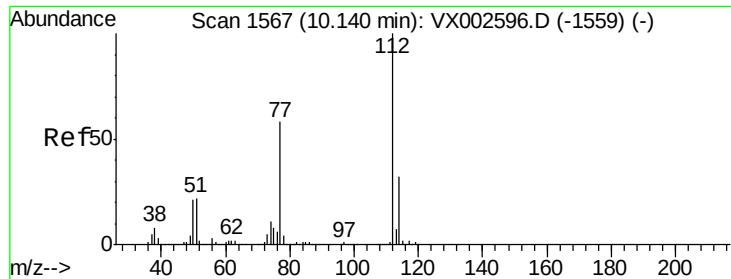
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#64
Tetrachloroethene
Concen: 18.81 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.9	154.3
129	90.6	68.6	102.8
131	84.3	66.8	100.2





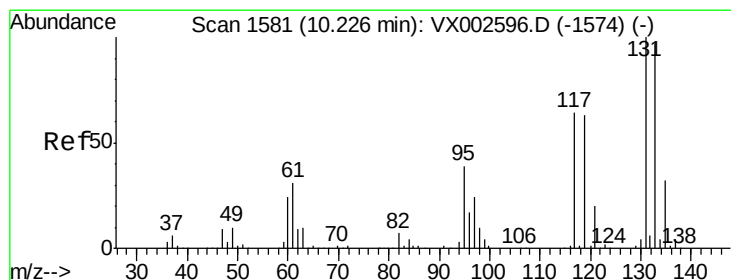
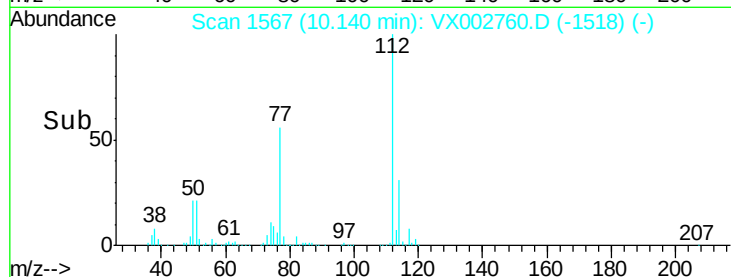
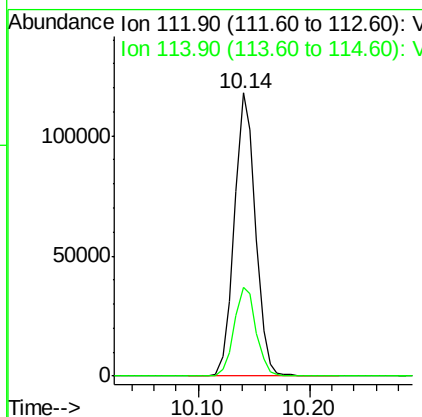
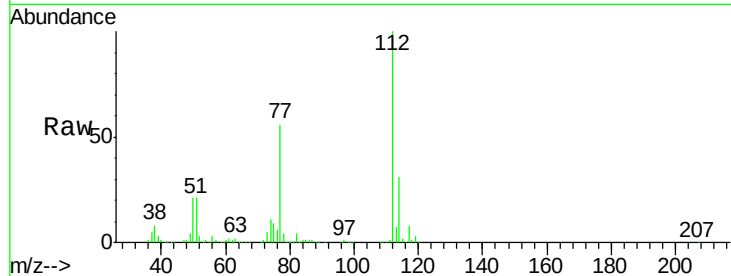
#65
Chlorobenzene
Concen: 19.45 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD02

Tot Ion:112 Resp: 154546
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9

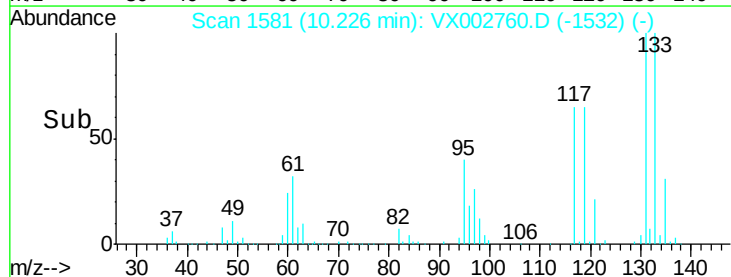
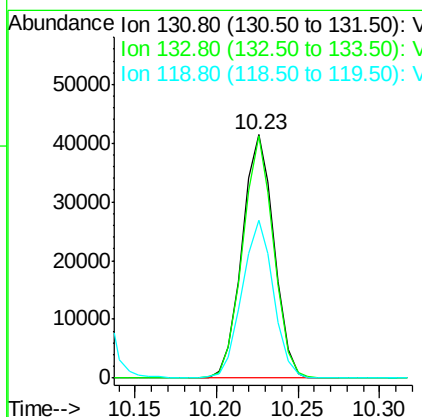
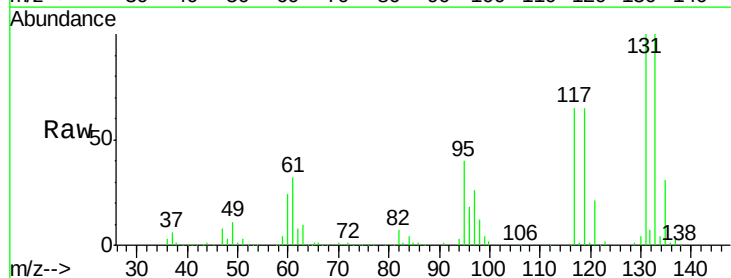
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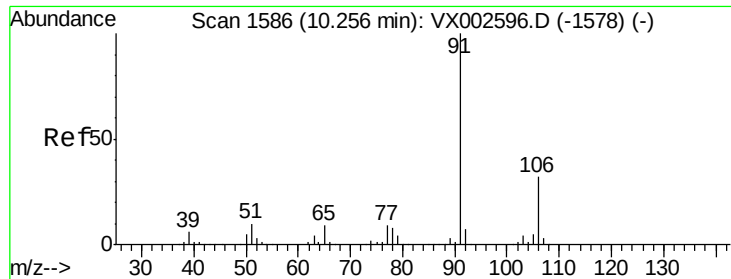
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.83 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:131 Resp: 56439
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.6
119 63.9 31.8 95.3





#67

Ethyl Benzene

Concen: 19.37 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampled :

VX0620WBSD02

Tot Ion: 91 Resp: 259635

Ion Ratio Lower Upper

91 100

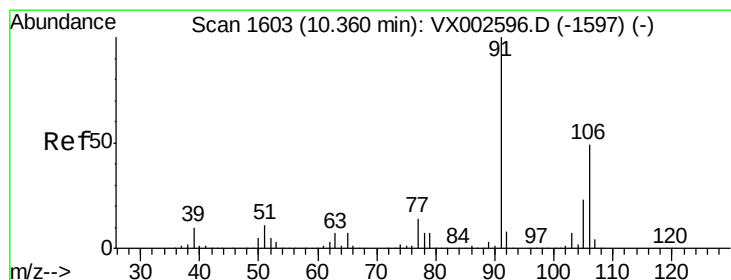
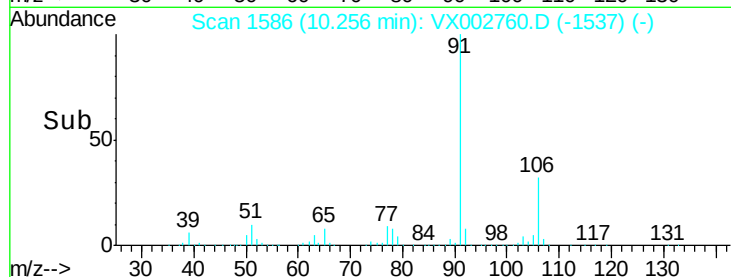
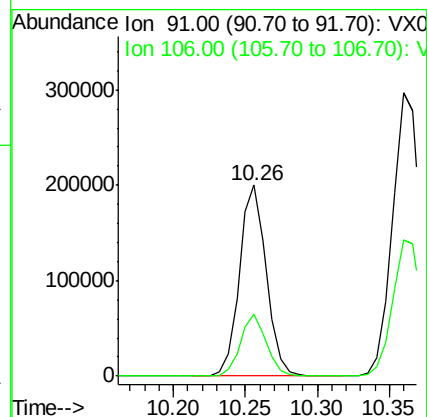
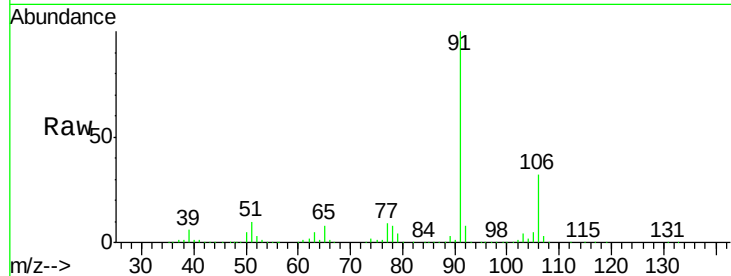
106 32.2 25.5 38.3

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#68

m/p-Xylenes

Concen: 38.80 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002760.D

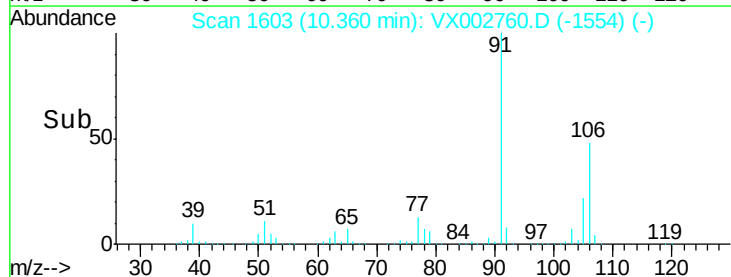
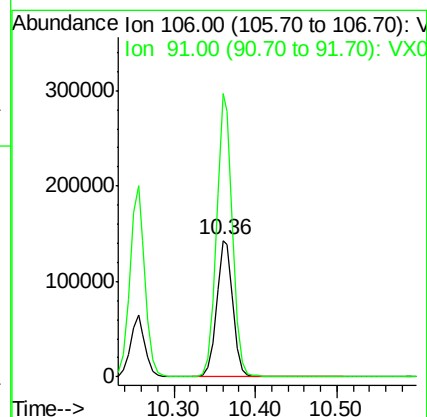
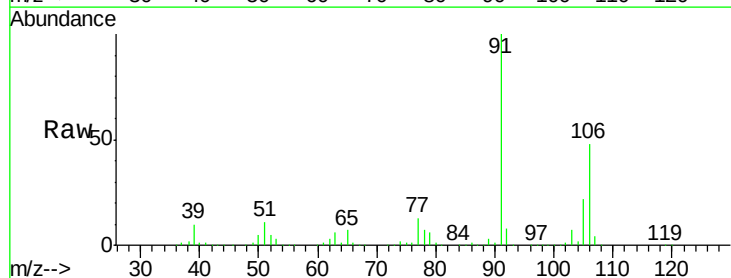
Acq: 21 Jun 2018 00:19

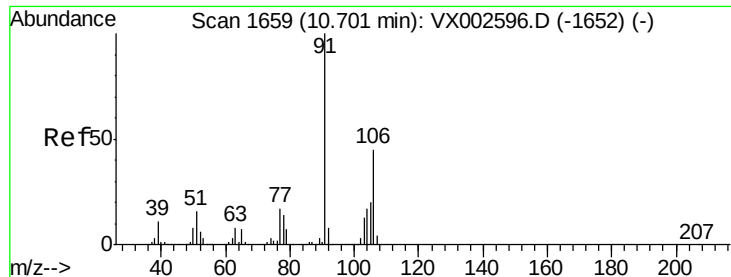
Tgt Ion: 106 Resp: 200614

Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.2





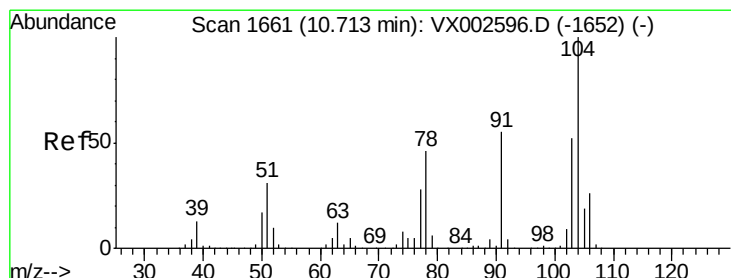
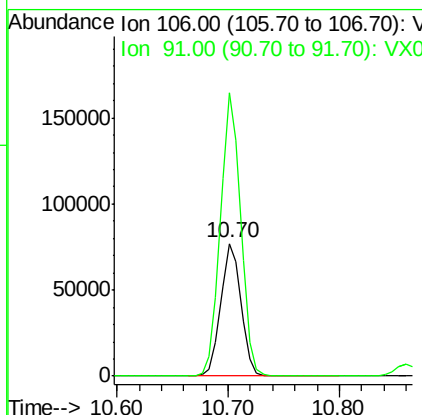
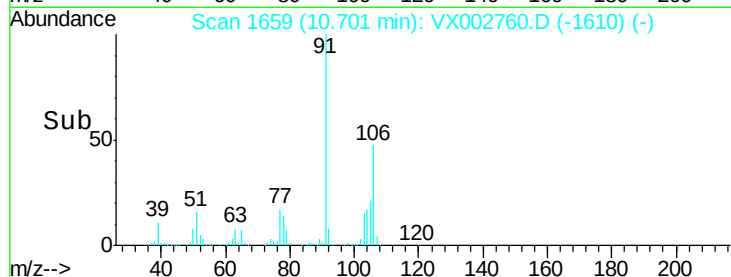
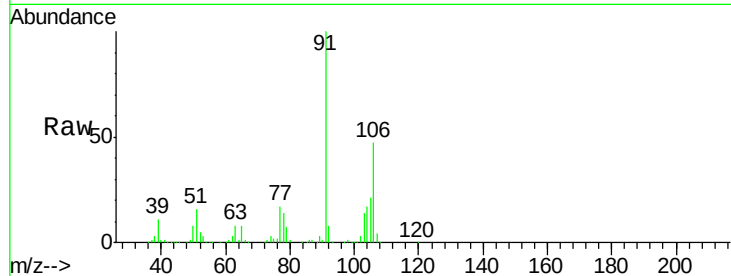
#69
o-Xylene
Concen: 19.10 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion:106 Resp: 97048
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

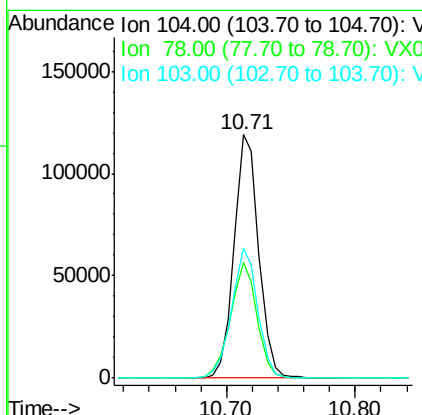
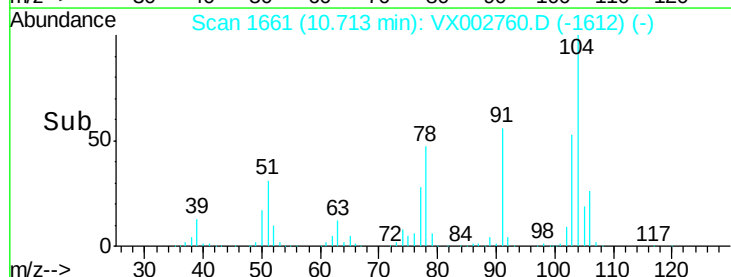
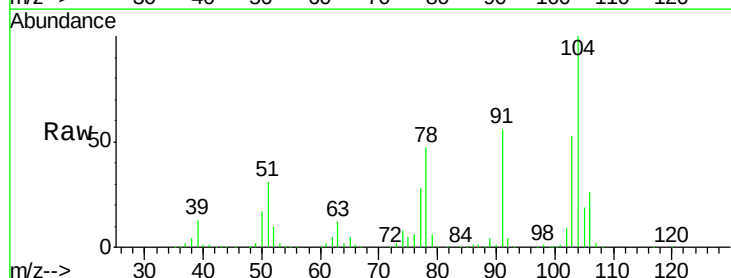
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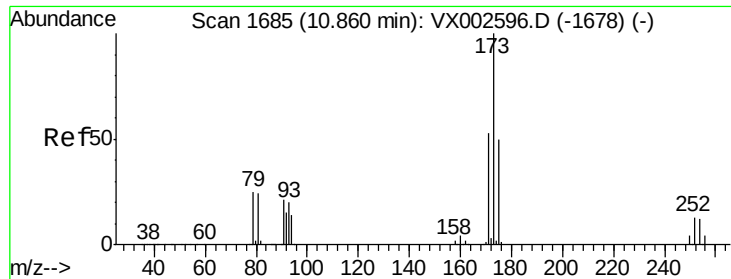
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#70
Styrene
Concen: 18.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:104 Resp: 158564
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.8 44.2 66.4





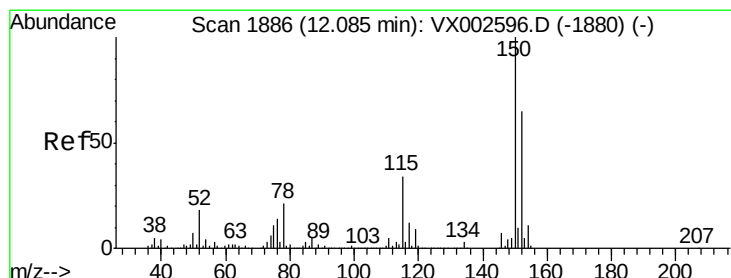
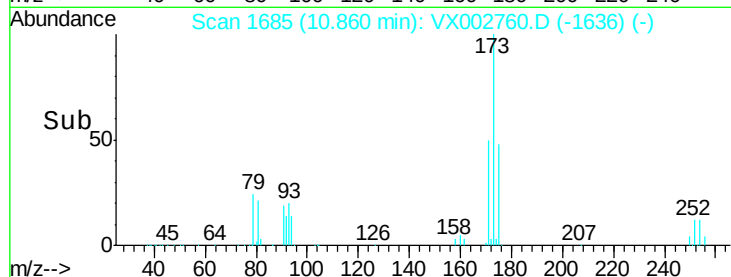
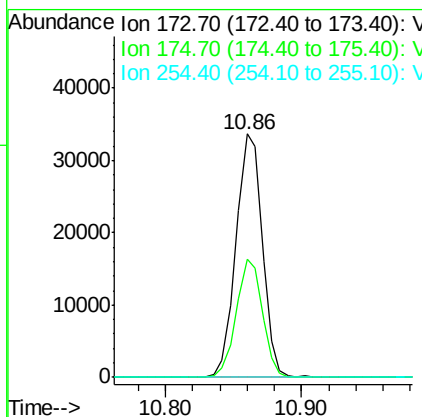
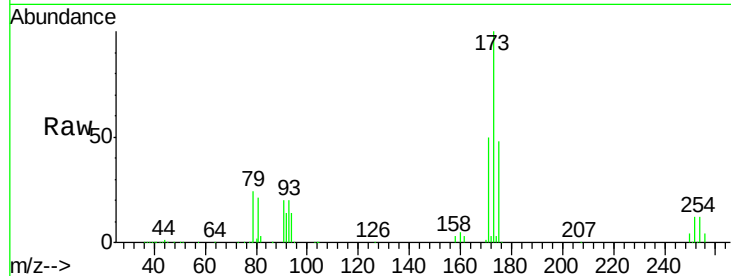
#71
Bromoform
Concen: 21.49 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion:173 Resp: 45482
Ion Ratio Lower Upper
173 100
175 47.6 24.7 74.1
254 0.1 0.2 0.2#

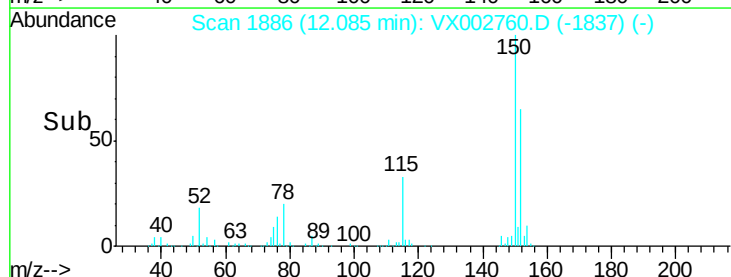
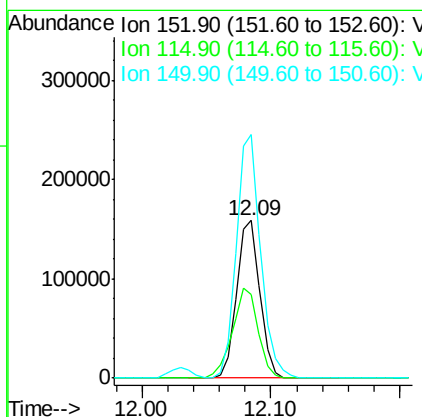
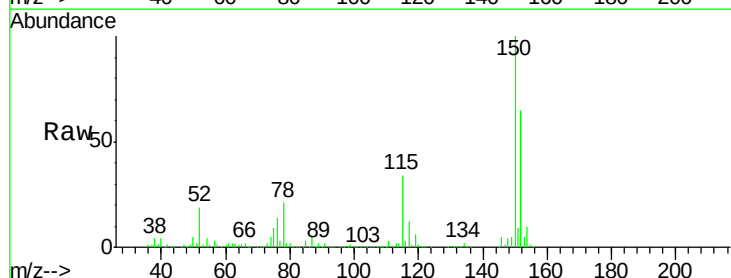
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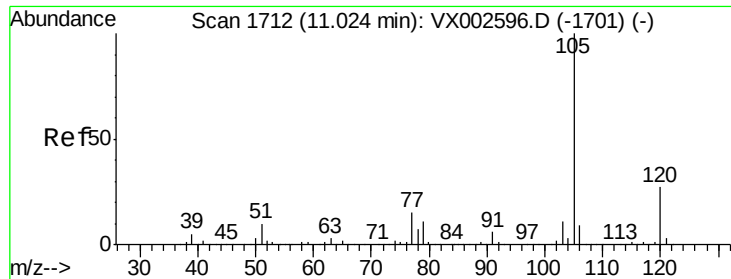
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:152 Resp: 198102
Ion Ratio Lower Upper
152 100
115 63.5 40.1 120.2
150 162.2 0.0 347.2





#73

Isopropylbenzene

Concen: 19.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 105 Resp: 263626

Ion Ratio Lower Upper

105 100

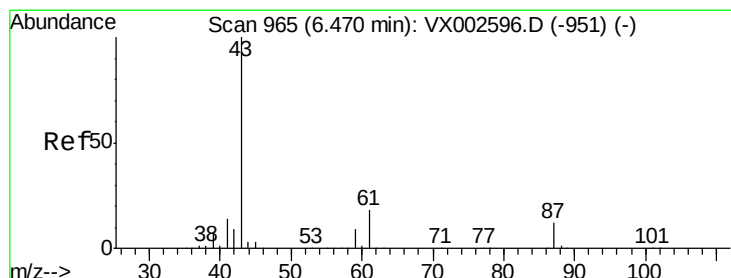
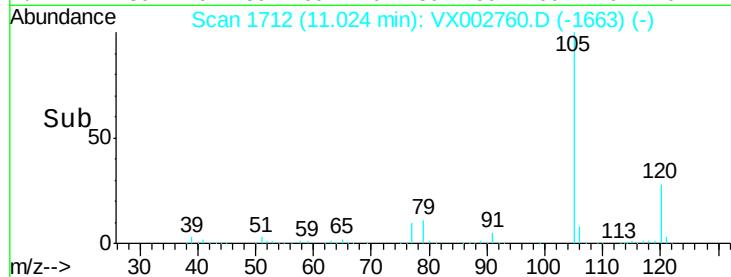
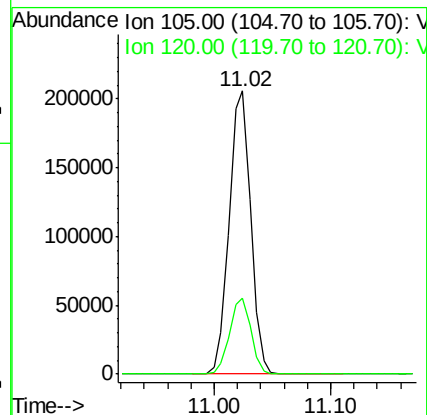
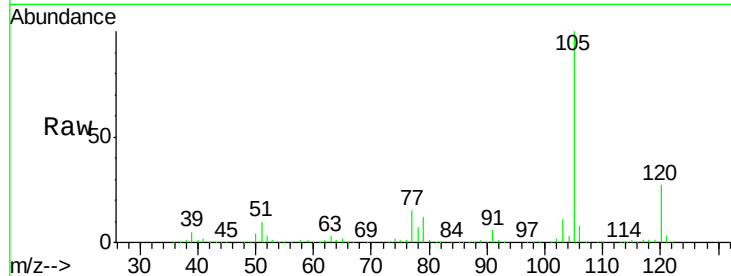
120 26.5 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.59 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion: 43 Resp: 128986

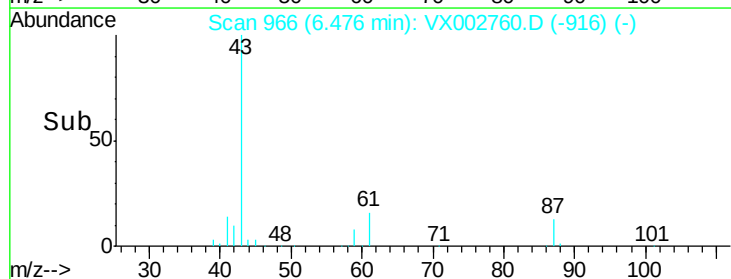
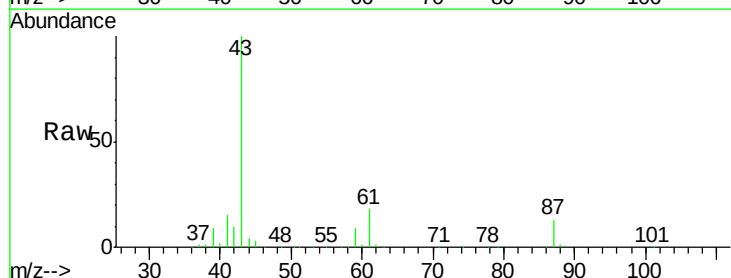
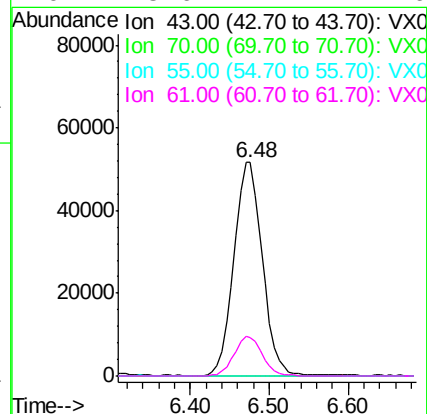
Ion Ratio Lower Upper

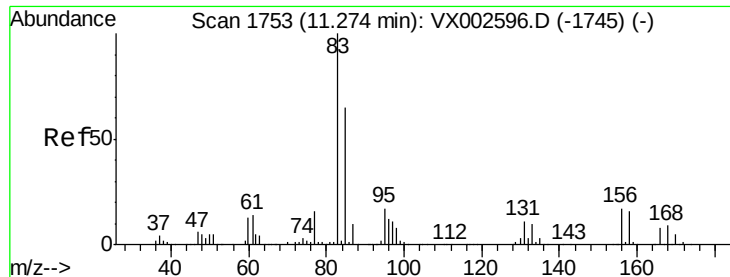
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

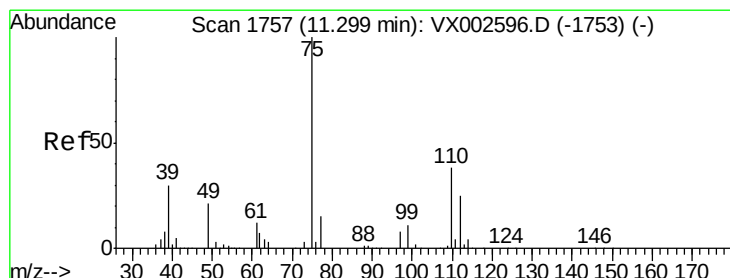
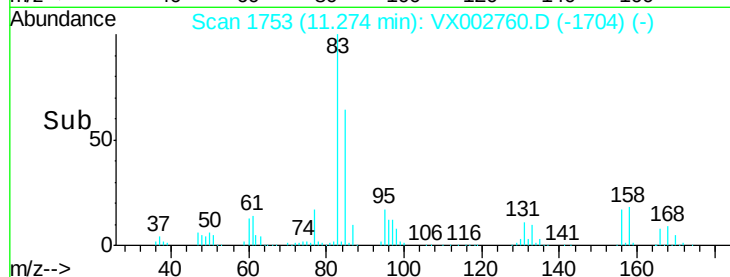
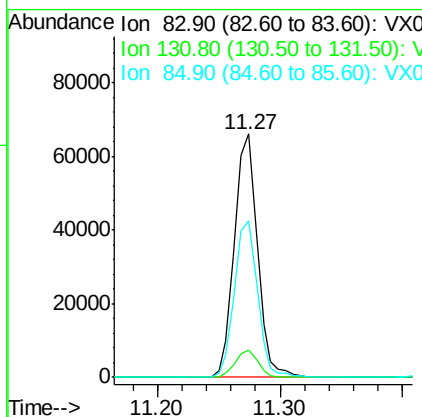
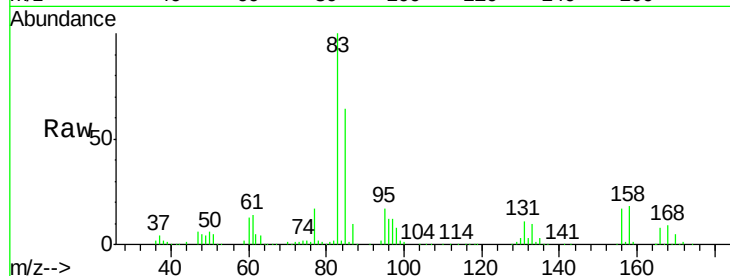
ClientSampleId :

VX0620WBSD02

Tot Ion:	83	Resp:	85865
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	65.0	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 21.11 ug/l m

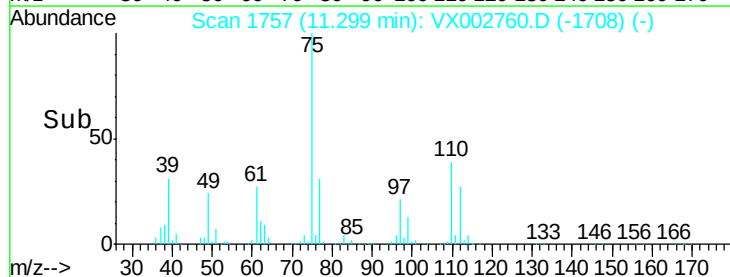
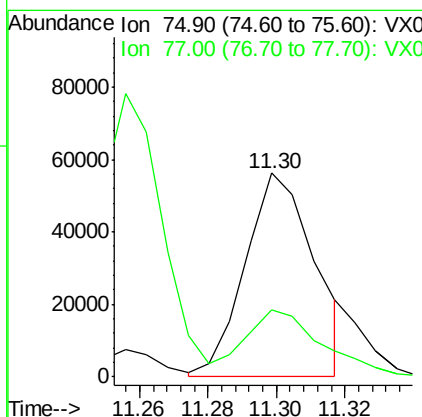
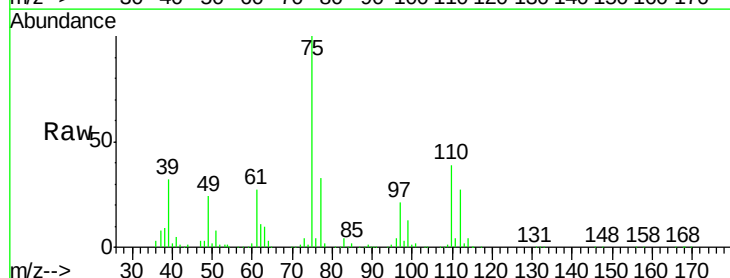
RT: 11.30 min Scan# 1757

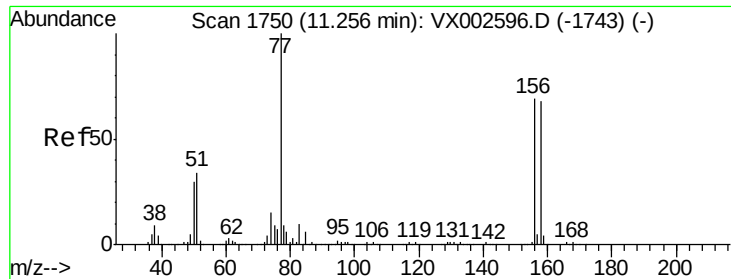
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion:	75	Resp:	78909
Ion Ratio	Lower	Upper	
75	100		
77	36.8	22.8	68.3





#77

Bromobenzene

Concen: 19.94 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion:156 Resp: 73596

Ion Ratio Lower Upper

156 100

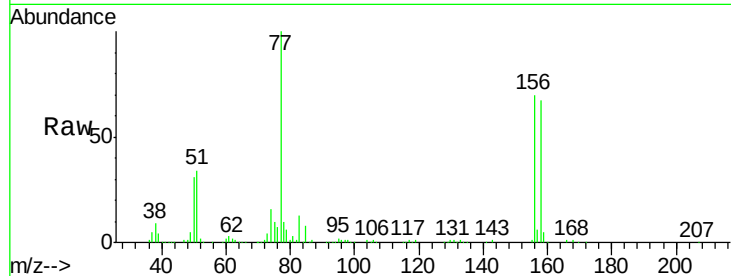
77 137.1 71.4 214.2

158 98.0 48.9 146.6

Manual Integrations
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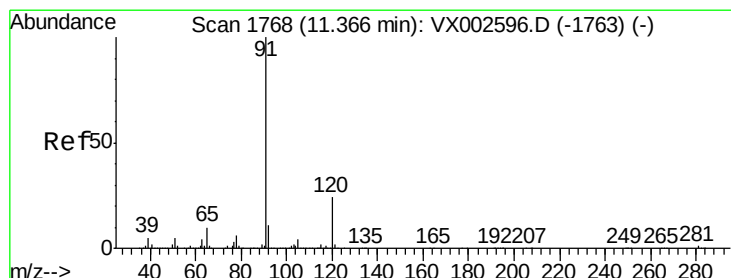
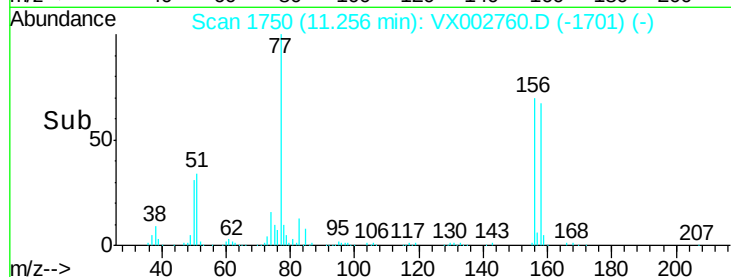
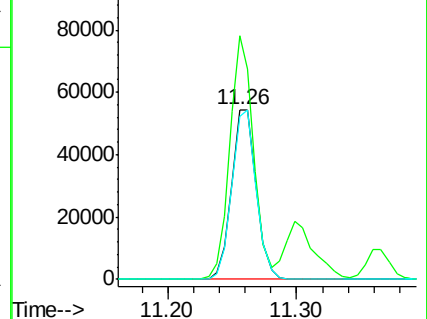
6/22/2018 8:08:53 AM



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: 19.54 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002760.D

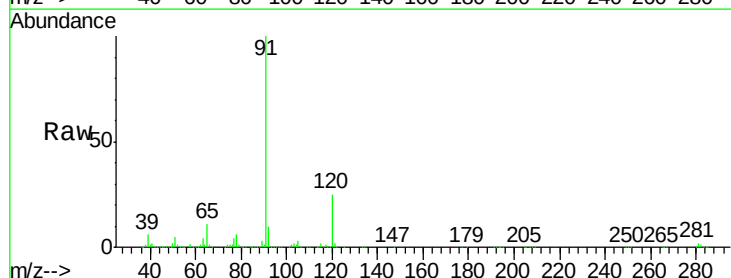
Acq: 21 Jun 2018 00:19

Tgt Ion: 91 Resp: 296854

Ion Ratio Lower Upper

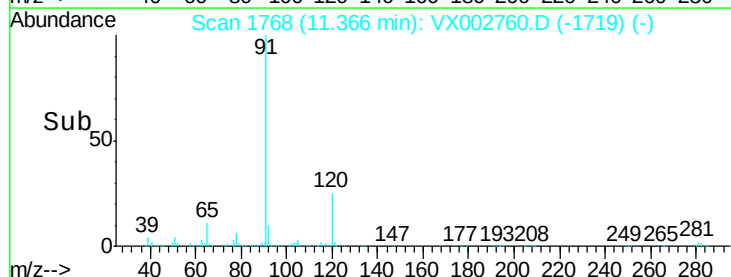
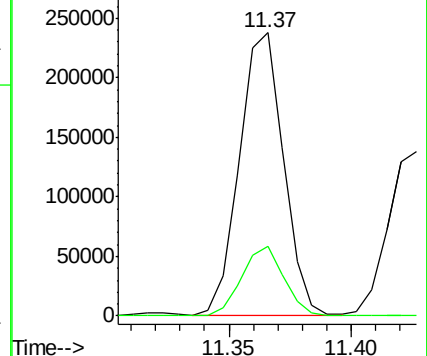
91 100

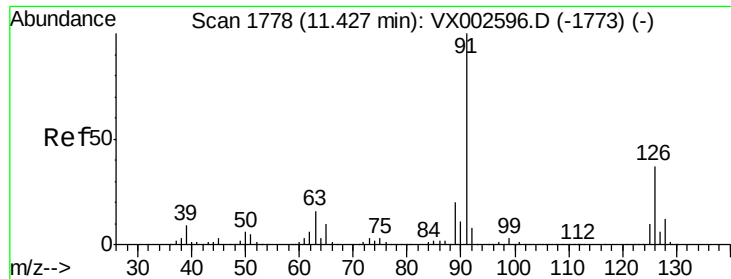
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.61 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD02

Tot Ion: 91 Resp: 177920

Ion Ratio Lower Upper

91 100

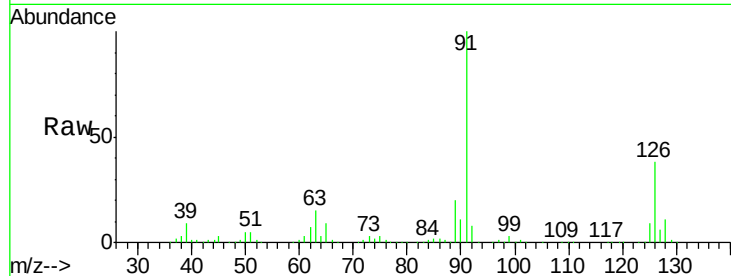
126 36.5 17.7 53.1

Manual Integrations

APPROVED

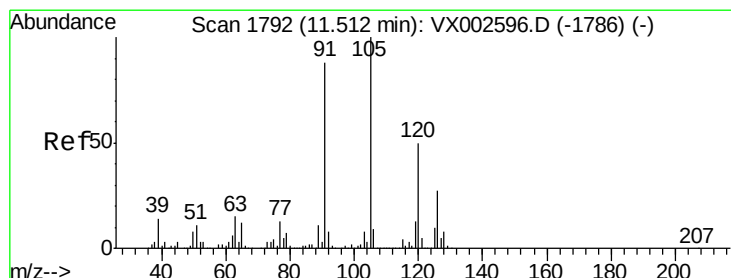
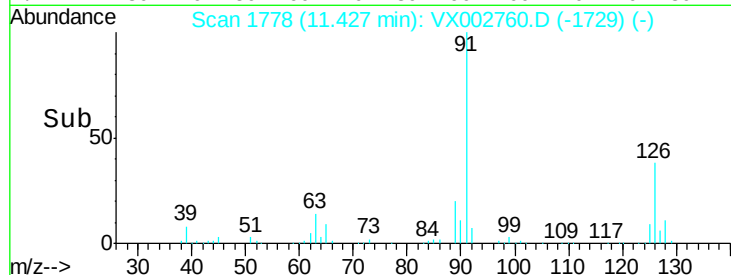
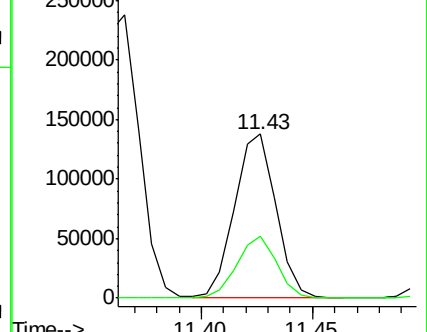
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002596.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002760.D

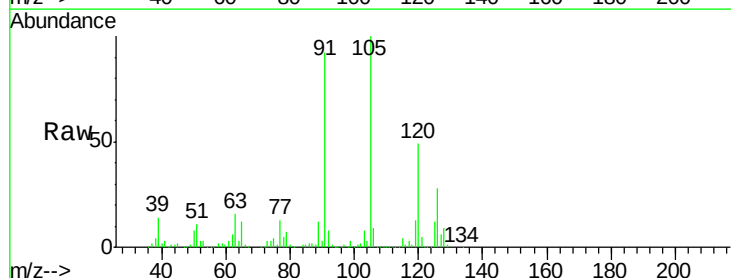
Acq: 21 Jun 2018 00:19

Tgt Ion: 105 Resp: 218969

Ion Ratio Lower Upper

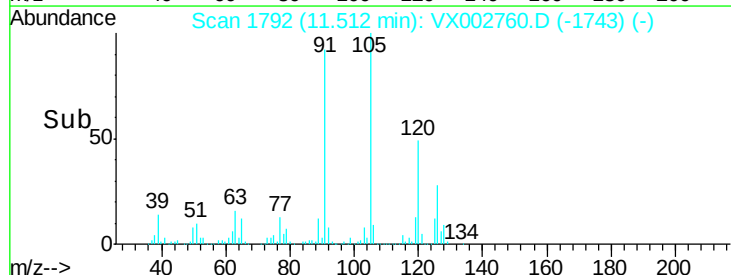
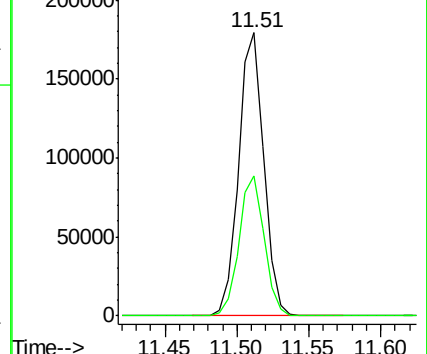
105 100

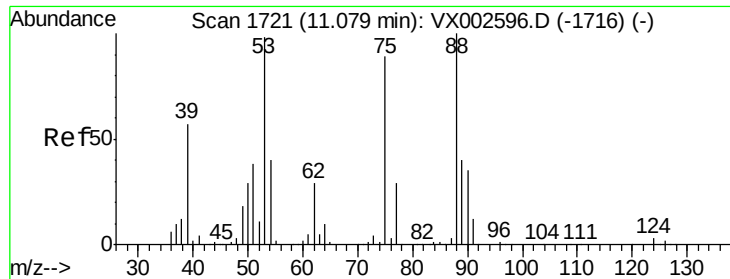
120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002596.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002596.D (-1786) (-)





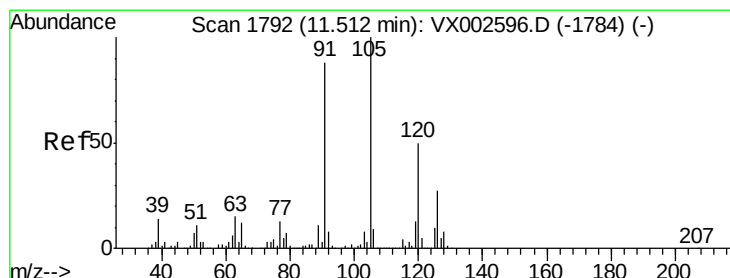
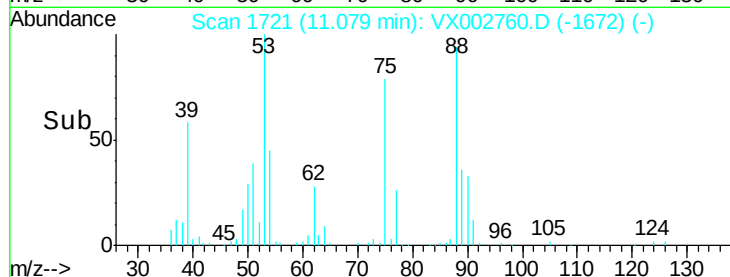
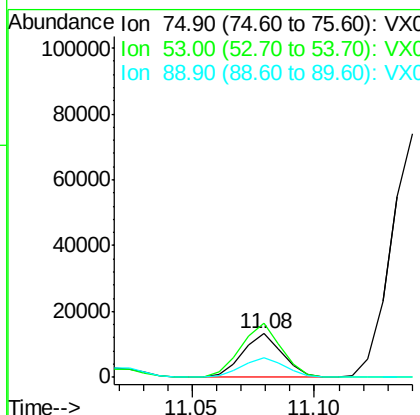
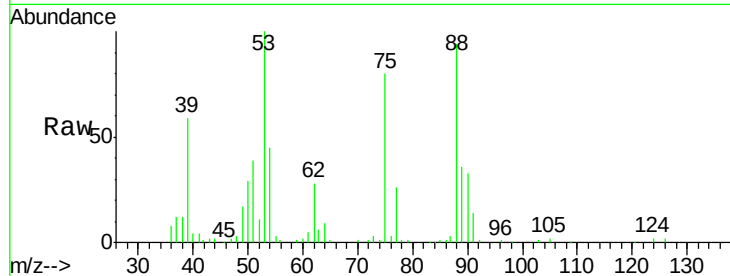
#81
trans-1,4-Dichloro-2-butene
Concen: 16.05 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	125.9	86.8	130.2
89	48.2	38.2	57.2

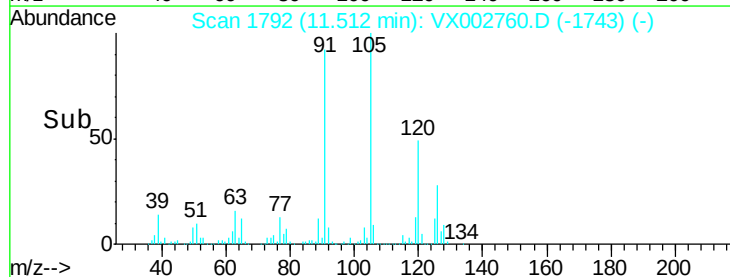
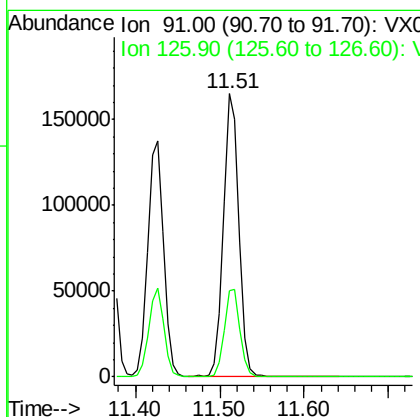
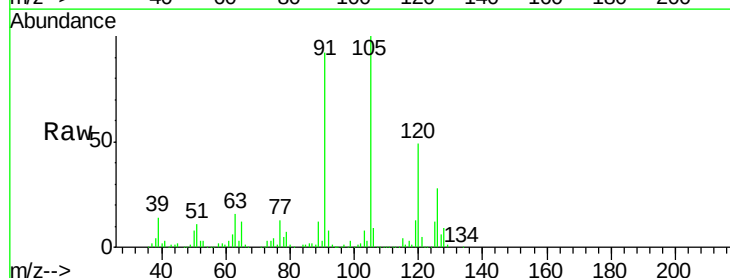
Manual Integrations
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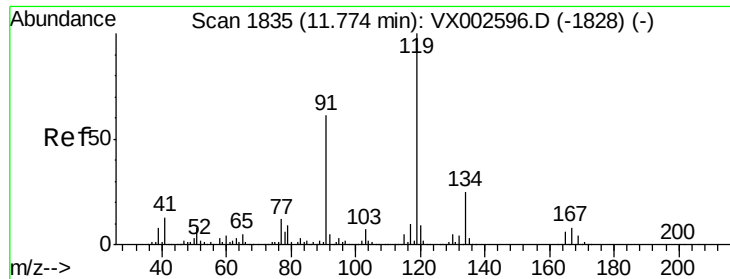
apatel
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#82
4-Chlorotoluene
Concen: 19.66 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4





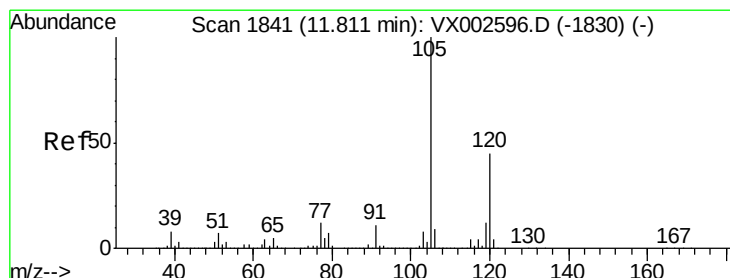
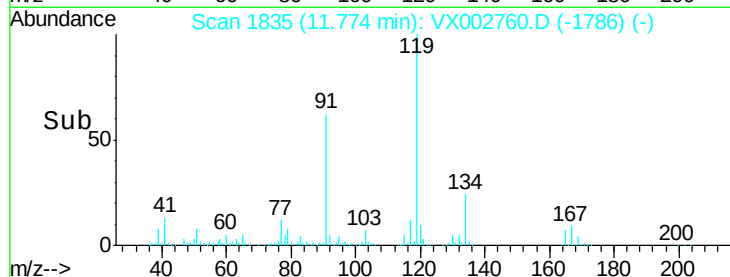
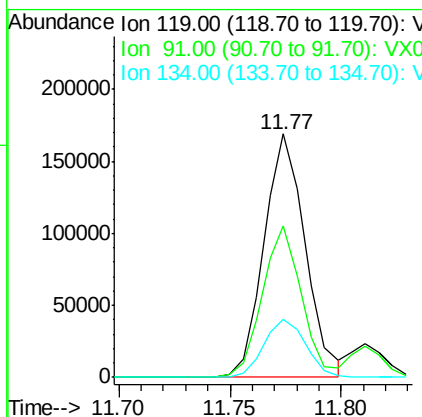
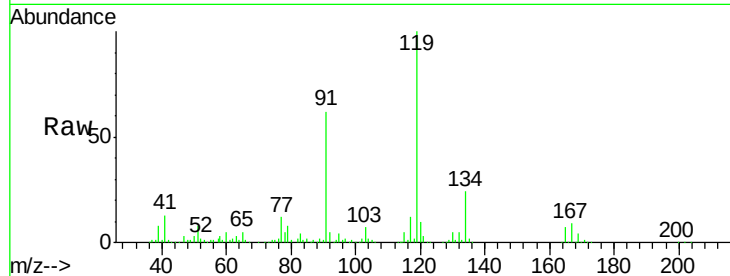
#83
 tert-Butylbenzene
 Concen: 20.10 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	216800		
91	59.4	30.3	90.9	
134	24.1	11.7	35.1	

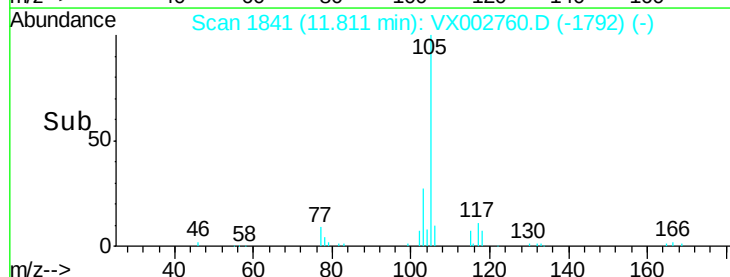
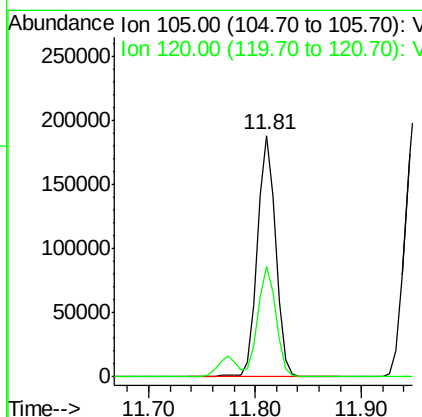
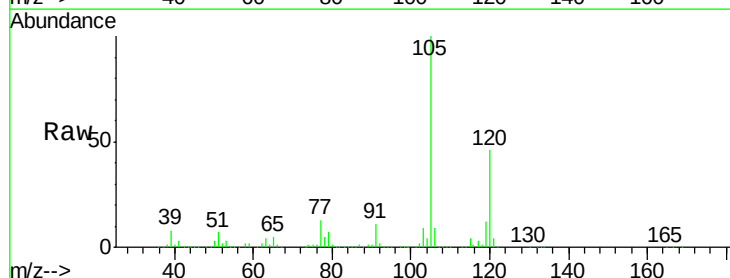
Manual Integrations
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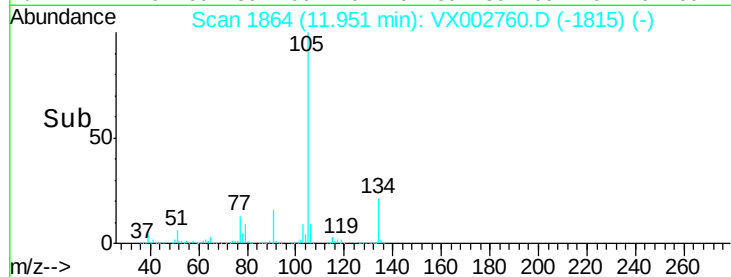
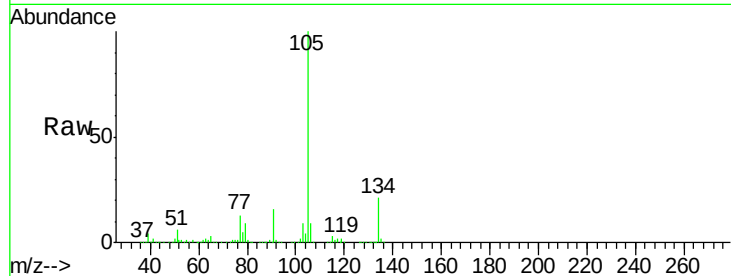
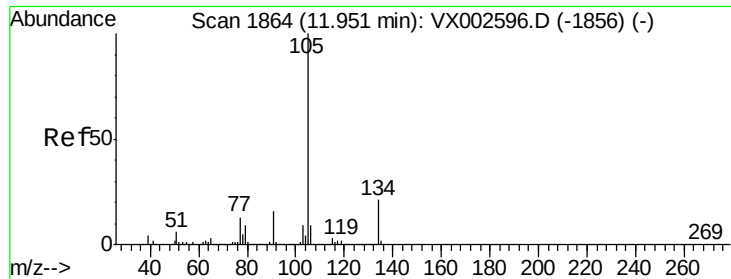
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227064		
120	45.7	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.54 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tot Ion:105 Resp: 262052

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1

Instrument :

MSVOA_X

ClientSampleId :

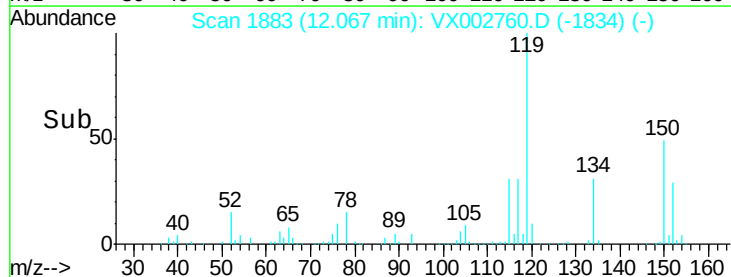
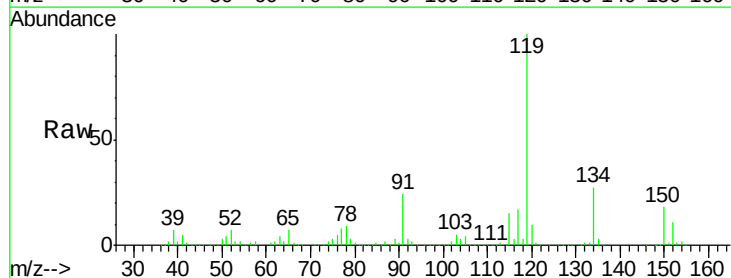
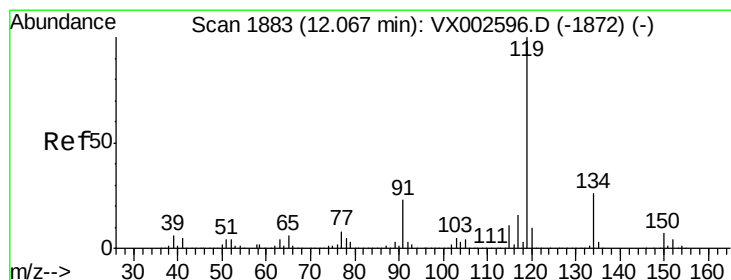
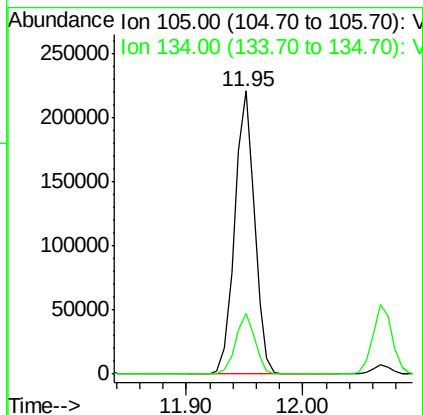
VX0620WBSD02

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.09 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

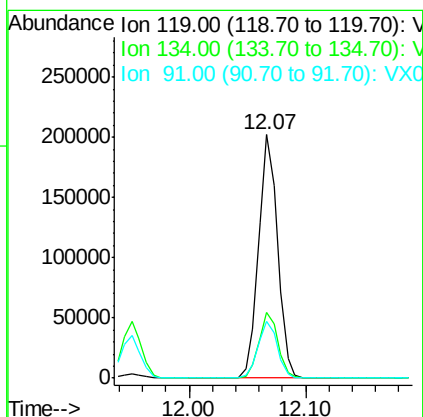
Tgt Ion:119 Resp: 231662

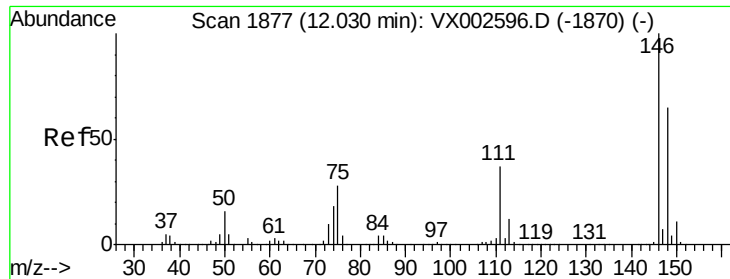
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.1 11.9 35.7





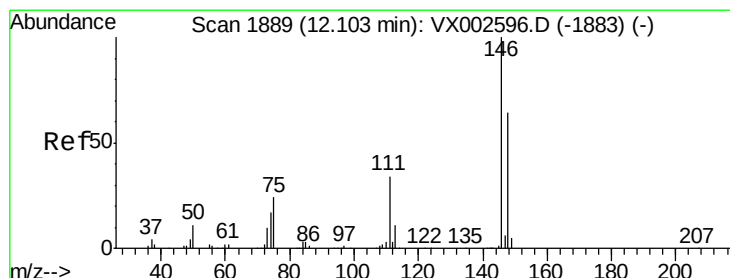
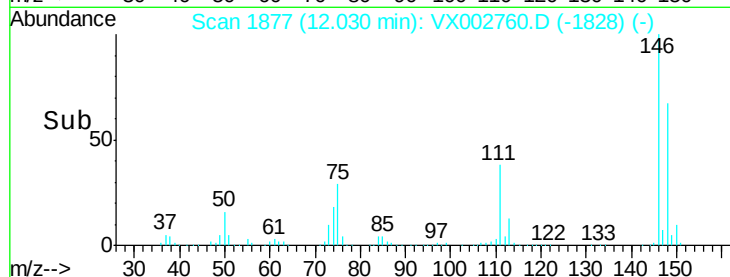
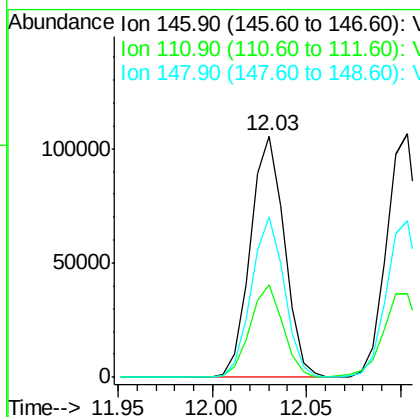
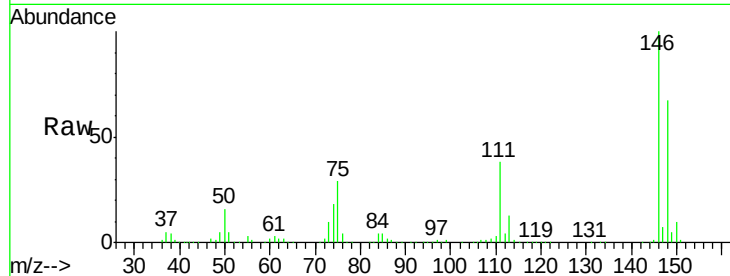
#87
 1,3-Dichlorobenzene
 Concen: 19.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.8	32.1	96.3

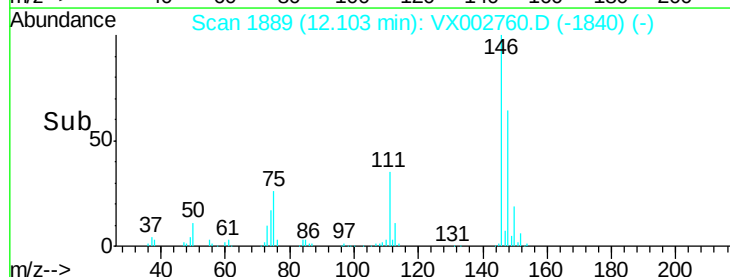
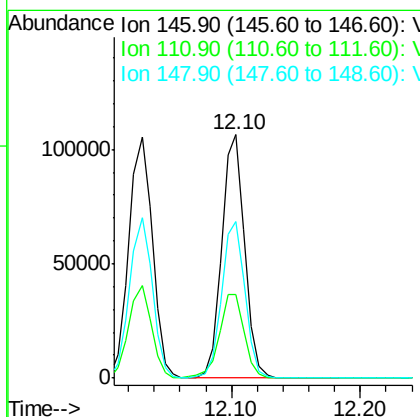
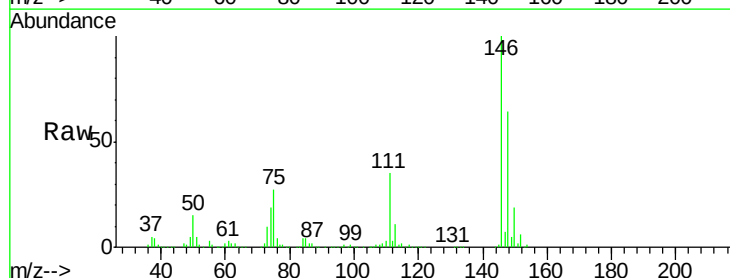
Manual Integrations
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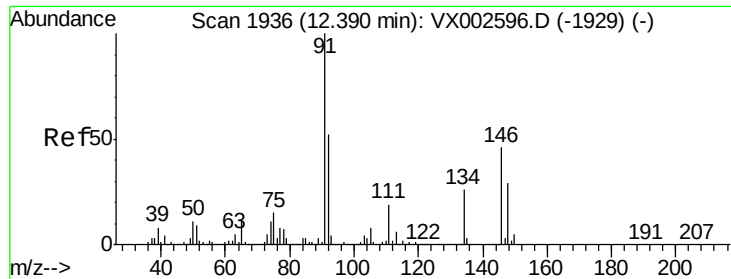
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.43 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	65.5	32.4	97.0





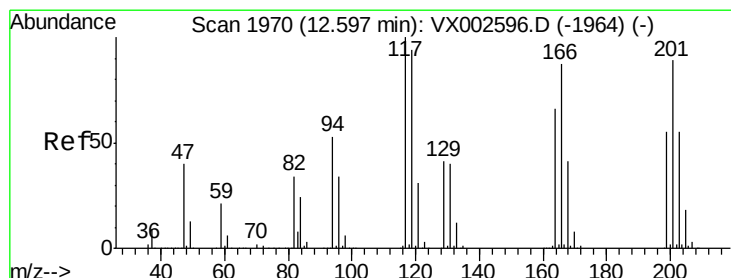
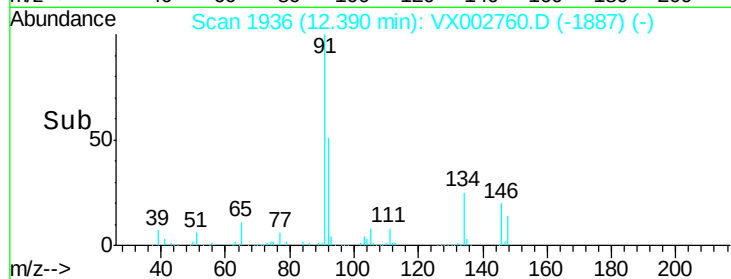
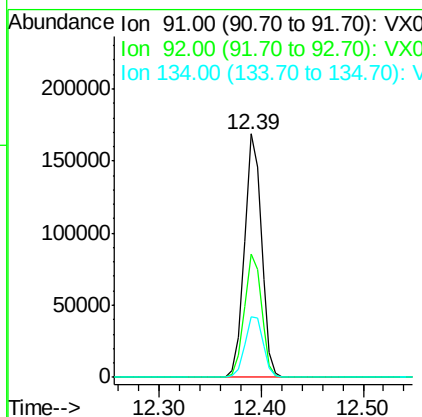
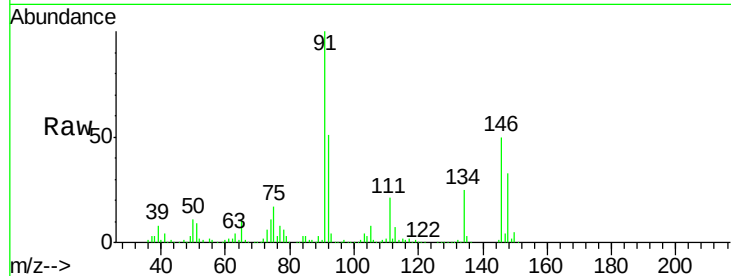
#89
n-Butylbenzene
Concen: 18.18 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	194636		
92	51.3	26.0	78.0	
134	26.5	13.5	40.5	

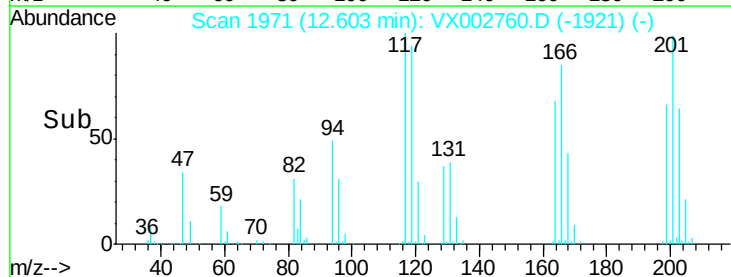
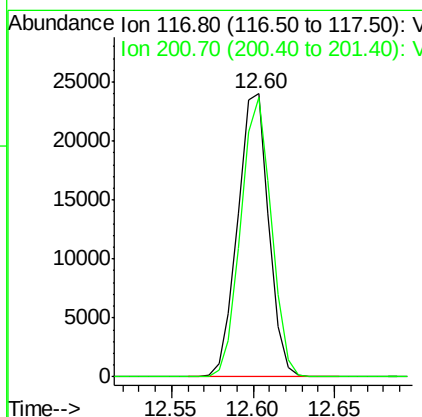
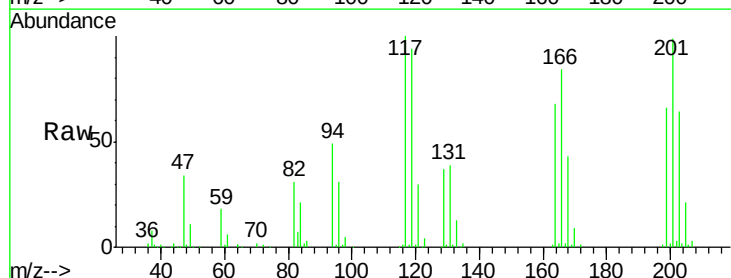
Manual Integrations
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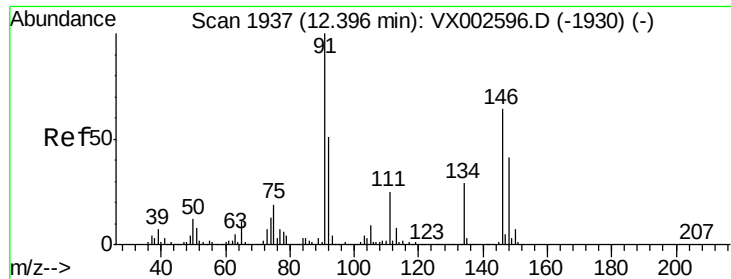
apatel
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#90
Hexachloroethane
Concen: 18.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31825		
201	97.1	49.0	147.0	





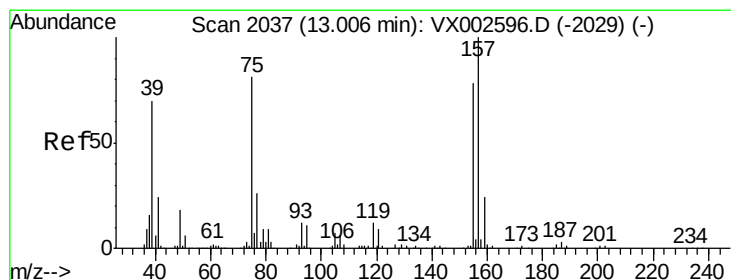
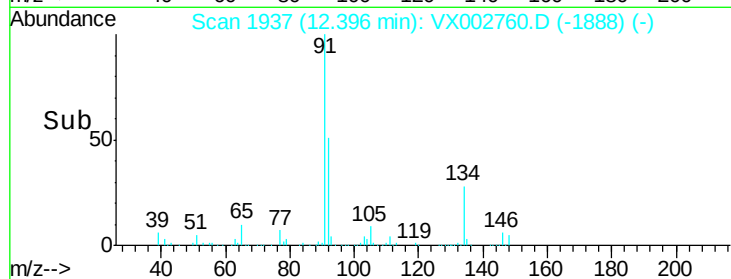
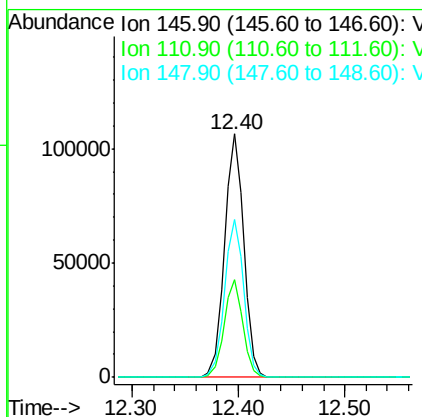
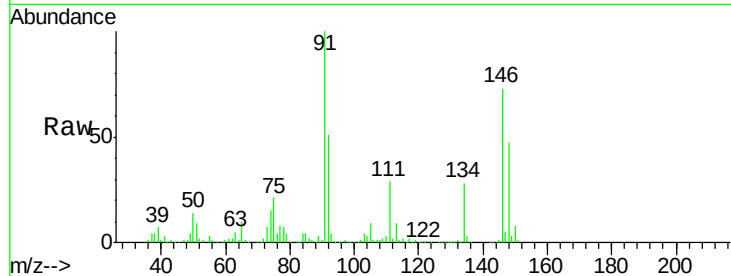
#91
 1,2-Dichlorobenzene
 Concen: 19.79 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	64.5	31.7	95.1

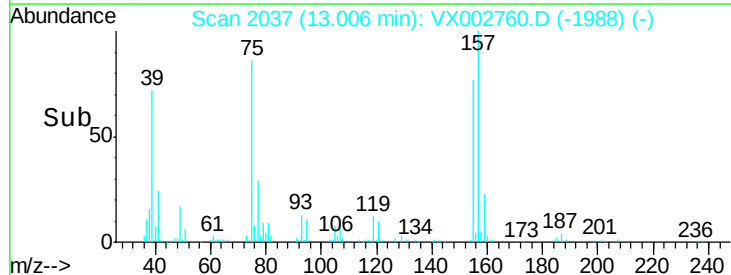
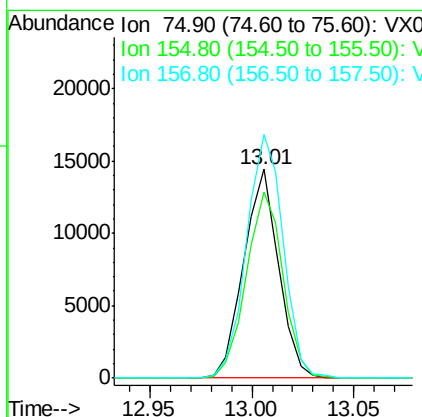
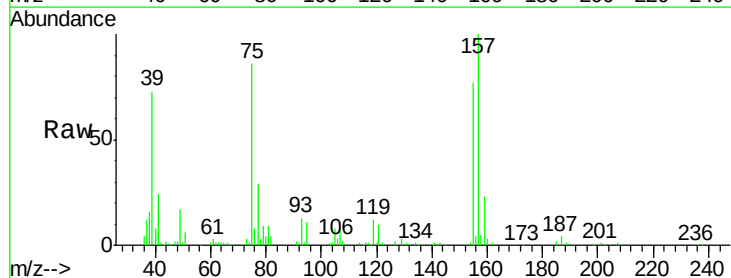
Manual Integrations
 APPROVED

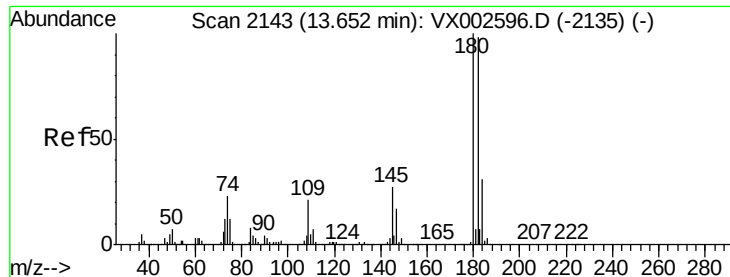
apatel
 6/22/2018 8:08:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.96 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.8	137.4
157	122.6	60.1	180.3





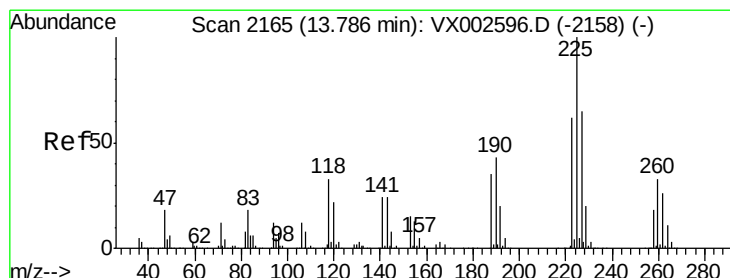
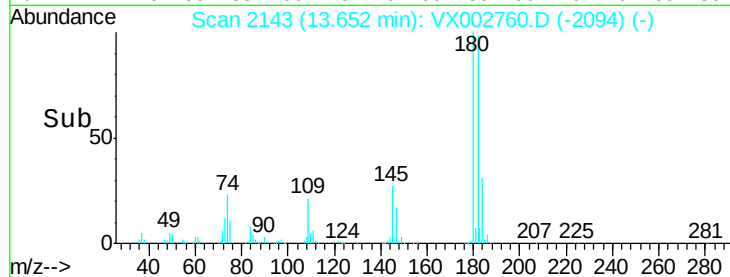
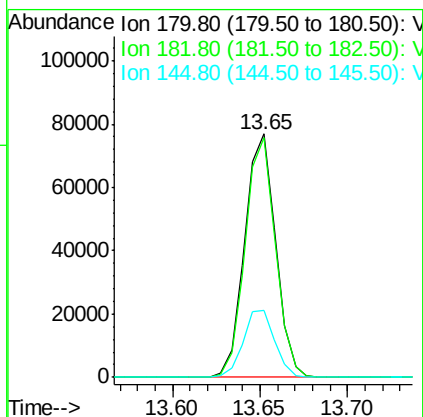
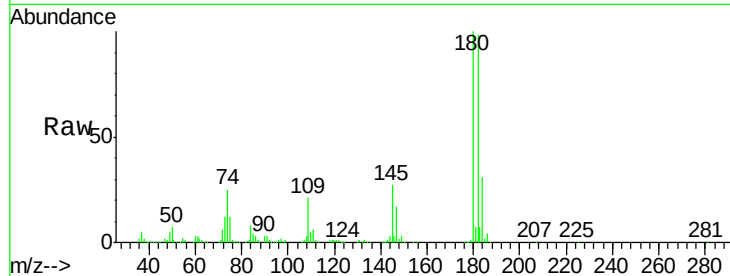
#93
 1,2,4-Trichlorobenzene
 Concen: 19.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	28.1	14.1	42.4

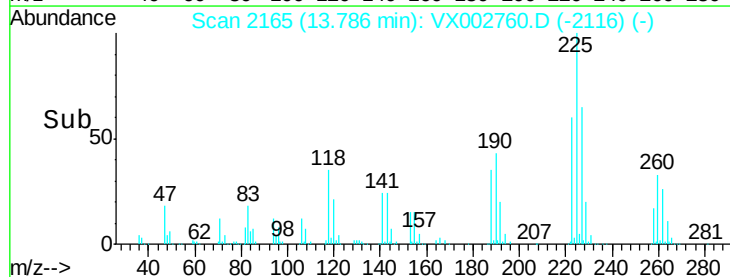
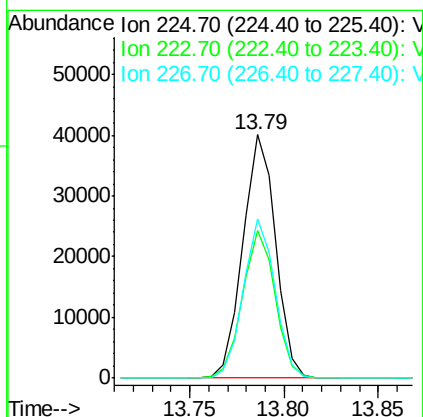
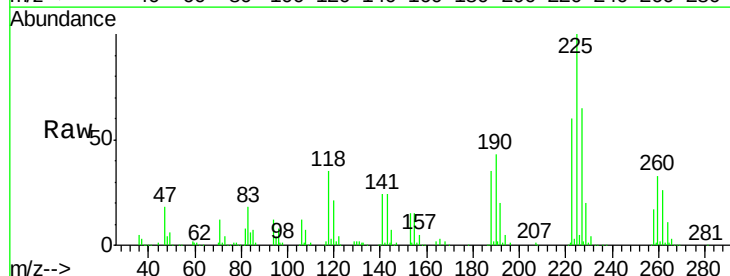
Manual Integrations
 APPROVED

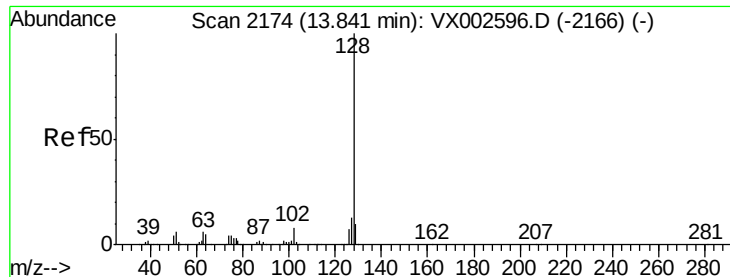
apatel
 6/22/2018 8:08:53 AM



#94
 Hexachlorobutadiene
 Concen: 18.52 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.6	95.0
227	63.4	32.4	97.2





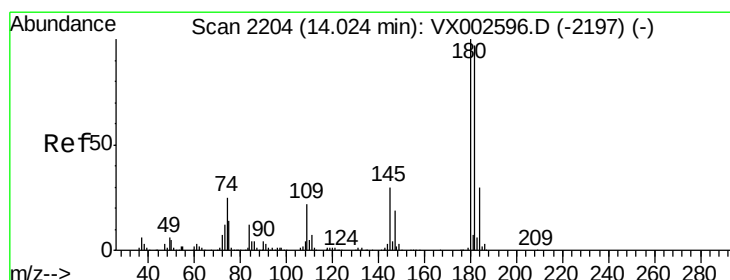
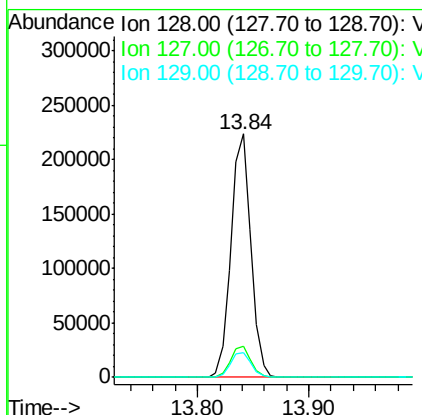
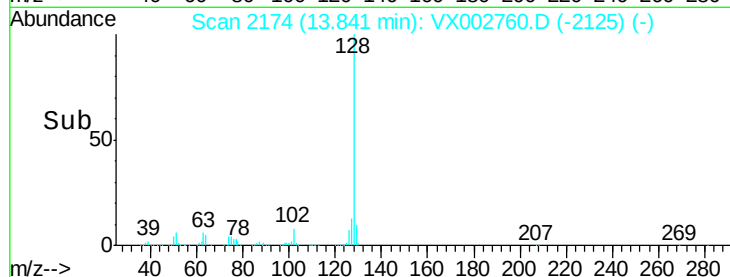
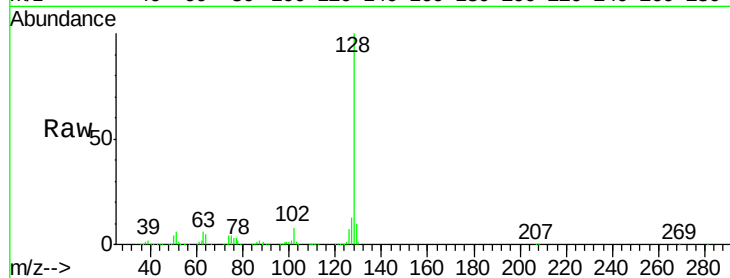
#95
Naphthalene
Concen: 20.65 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
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6/22/2018 8:08:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.24 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.0
145	29.4	14.8	44.3

