

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002807.D
 Acq On : 22 Jun 2018 00:28
 Operator : JC/MD
 Sample : VX0621WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD02

Manual Integrations
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 6/22/2018 1:59:54 PM

Quant Time: Jun 22 02:36:44 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	236559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196666	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158583	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	125742	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	8.72	98	447991	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
62) 4-Bromofluorobenzene	11.14	95	170132	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	50322	20.04	ug/l	100
3) Chloromethane	1.32	50	52933	17.72	ug/l	99
4) Vinyl Chloride	1.40	62	59023	19.04	ug/l	98
5) Bromomethane	1.64	94	26757	14.31	ug/l	100
6) Chloroethane	1.72	64	37628	18.42	ug/l	99
7) Trichlorofluoromethane	1.93	101	98844	19.63	ug/l	100
8) Diethyl Ether	2.19	74	35916	18.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55497	19.71	ug/l	99
10) Methyl Iodide	2.51	142	54230	17.98	ug/l	99
11) Tert butyl alcohol	3.08	59	81352	109.47	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49966	18.90	ug/l	97
13) Acrolein	2.29	56	29190	88.35	ug/l	99
14) Allyl chloride	2.73	41	97512	18.58	ug/l	98
15) Acrylonitrile	3.15	53	162710	100.34	ug/l	100
16) Acetone	2.45	43	159244	100.41	ug/l	99
17) Carbon Disulfide	2.57	76	124806	19.91	ug/l	98
18) Methyl Acetate	2.78	43	95038	22.49	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	186694	18.83	ug/l	99
20) Methylene Chloride	2.86	84	57073	17.55	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	53780	18.75	ug/l	97
22) Diisopropyl ether	3.87	45	185979	19.59	ug/l	93
23) Vinyl Acetate	3.83	43	767885	96.62	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104117	20.20	ug/l	99
25) 2-Butanone	4.71	43	229697	110.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53760	14.52	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	59598	20.43	ug/l	98
28) Bromochloromethane	5.03	49	44267	18.34	ug/l	95
29) Tetrahydrofuran	5.17	42	146109	107.04	ug/l	96
30) Chloroform	5.22	83	103822	20.89	ug/l	98
31) Cyclohexane	5.57	56	84430	19.90	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	89657	21.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72866	20.34	ug/l	97
37) Ethyl Acetate	4.87	43	87384	21.55	ug/l	99
38) Carbon Tetrachloride	5.79	117	80786	22.64	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83026	19.82	ug/l	97
40) Benzene	6.15	78	223140	20.77	ug/l	100
41) Methacrylonitrile	5.07	41	49197	21.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	88754	21.34	ug/l	100
43) Isopropyl Acetate	6.47	43	136260	20.28	ug/l	100
44) Trichloroethene	7.21	130	65129	21.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	59169	20.93	ug/l	98
46) Dibromomethane	7.67	93	41684	22.04	ug/l	99
47) Bromodichloromethane	7.90	83	74522	22.34	ug/l	99
48) Methyl methacrylate	7.78	41	71504	20.82	ug/l	98
49) 1,4-Dioxane	7.76	88	30373	467.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	473306	109.71	ug/l	100
52) Toluene	8.79	92	140877	20.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79427	19.52	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	72401	19.29	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59783	21.59	ug/l	97
56) Ethyl methacrylate	9.18	69	86729	20.35	ug/l	98
57) 1,3-Dichloropropane	9.38	76	96169	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	170870	82.90	ug/l	98
59) 2-Hexanone	9.50	43	360378	110.85	ug/l	99
60) Dibromochloromethane	9.59	129	59646	21.47	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62247	21.70	ug/l	100
64) Tetrachloroethene	9.34	164	74883	20.86	ug/l	97
65) Chlorobenzene	10.14	112	166004	20.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	60418	22.31	ug/l	99
67) Ethyl Benzene	10.26	91	275159	20.54	ug/l	98
68) m/p-Xylenes	10.36	106	213960	41.41	ug/l	100
69) o-Xylene	10.70	106	102393	20.17	ug/l	100
70) Styrene	10.71	104	172047	20.61	ug/l	99
71) Bromoform	10.86	173	45130	21.38	ug/l	99
73) Isopropylbenzene	11.02	105	282792	21.50	ug/l	99
74) N-amyl acetate	6.47	43	136260	20.85	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88756	22.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87231m	23.51	ug/l	
77) Bromobenzene	11.26	156	79667	21.74	ug/l	97
78) n-propylbenzene	11.37	91	313517	20.78	ug/l	99
79) 2-Chlorotoluene	11.43	91	191376	21.25	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	235438	21.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19307	19.44	ug/l	92
82) 4-Chlorotoluene	11.51	91	224034	21.08	ug/l	99
83) tert-Butylbenzene	11.77	119	228184	21.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	242612	21.39	ug/l	99
85) sec-Butylbenzene	11.95	105	278554	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	247502	20.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	142164	21.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	144892	21.19	ug/l	99
89) n-Butylbenzene	12.39	91	208014	19.57	ug/l	99
90) Hexachloroethane	12.60	117	36479	21.03	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144518	21.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19084	23.46	ug/l	99

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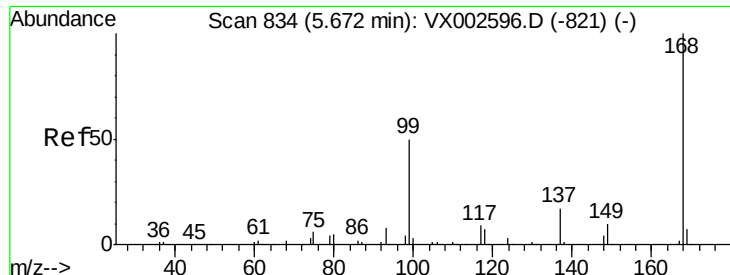
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100789	20.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	51666	19.98	ug/l	99
95) Naphthalene	13.84	128	292624	22.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105348	21.37	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion:168 Resp: 236559

Ion Ratio Lower Upper

168 100

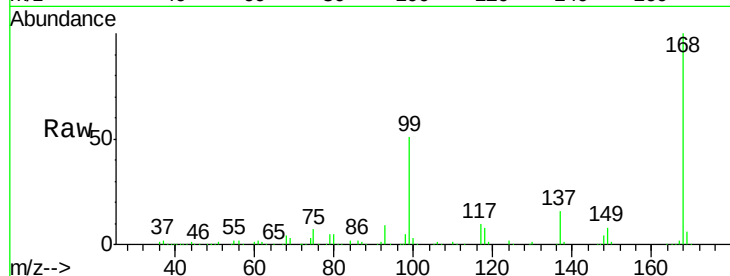
99 50.9 39.3 58.9

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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

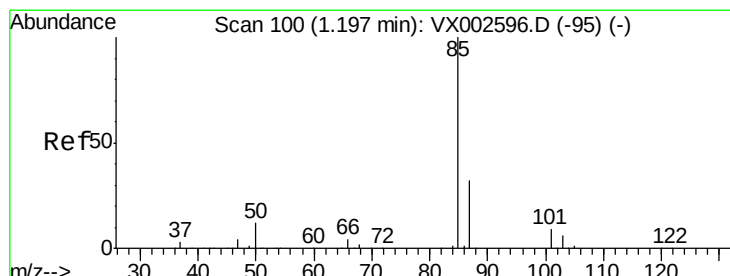
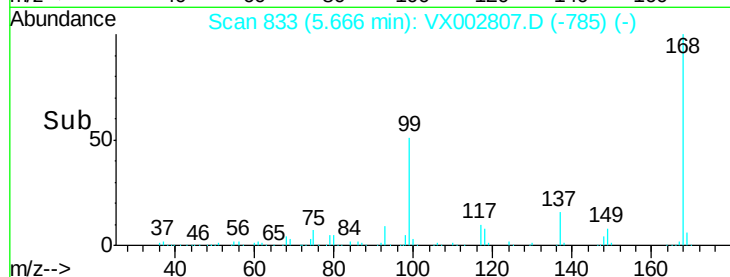
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002807.D

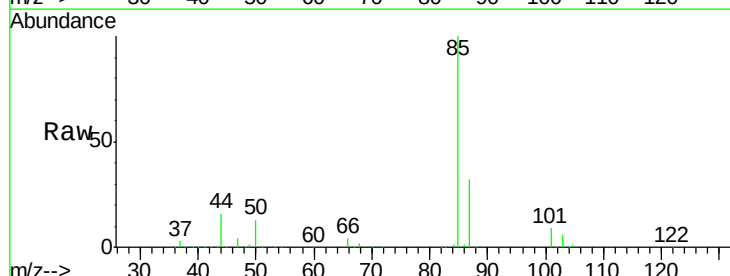
Acq: 22 Jun 2018 00:28

Tgt Ion: 85 Resp: 50322

Ion Ratio Lower Upper

85 100

87 31.8 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

60000

50000

40000

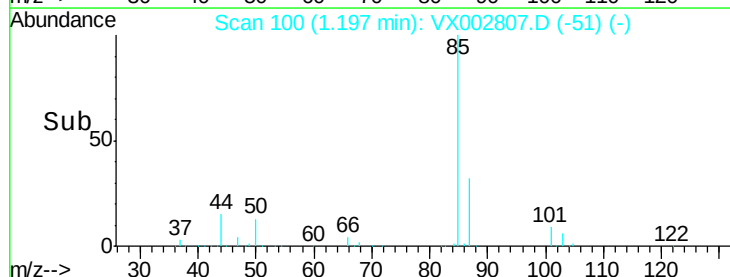
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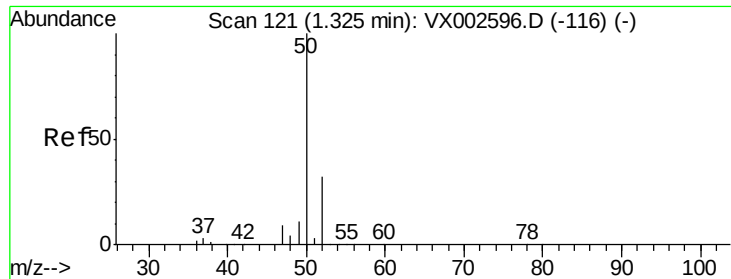
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 50 Resp: 52933

Ion Ratio Lower Upper

50 100

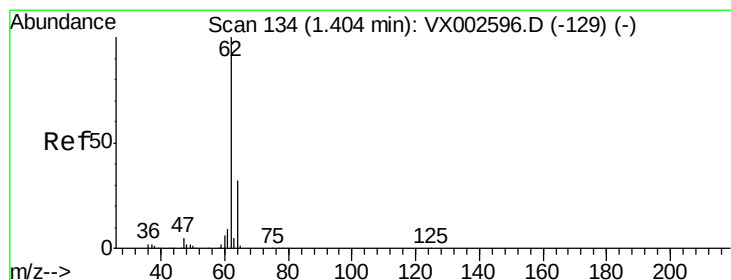
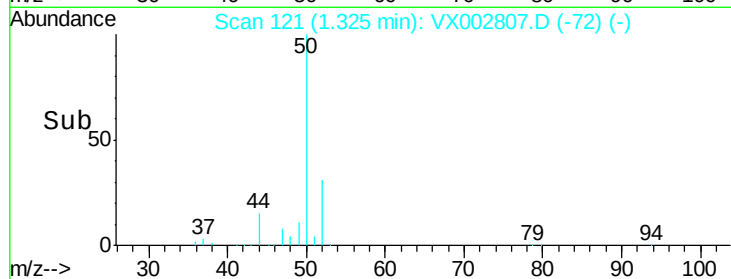
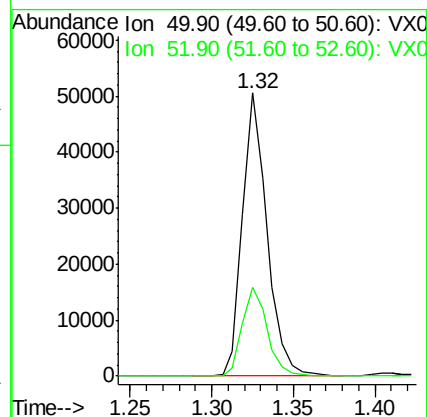
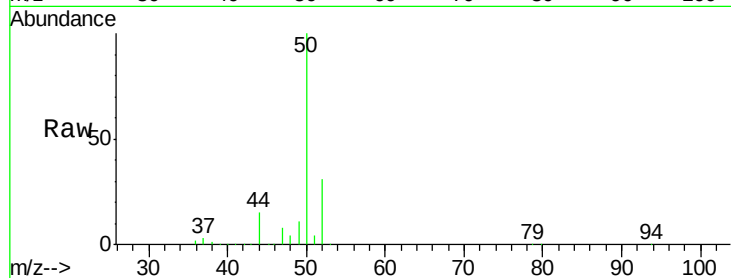
52 31.5 25.7 38.5

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#4

Vinyl Chloride

Concen: 19.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002807.D

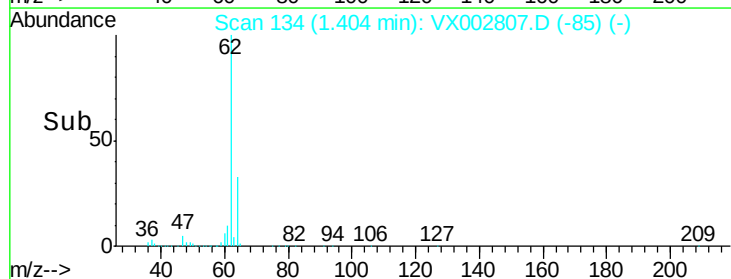
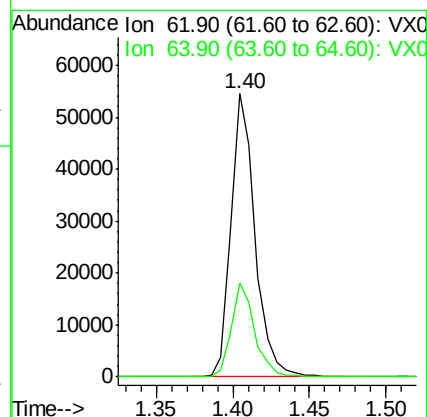
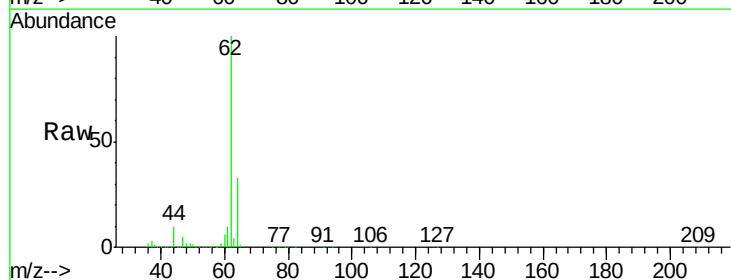
Acq: 22 Jun 2018 00:28

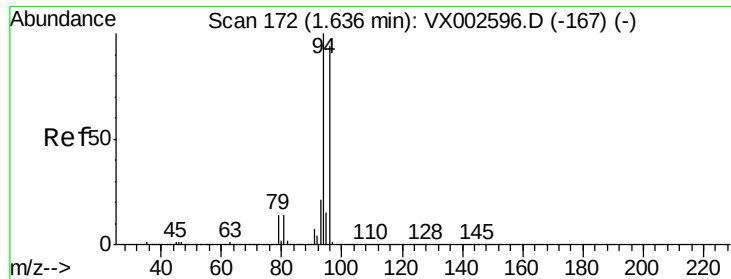
Tgt Ion: 62 Resp: 59023

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2





#5

Bromomethane

Concen: 14.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

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ClientSampleId :

VX0621WBSD02

Tot Ion: 94 Resp: 26757

Ion Ratio Lower Upper

94 100

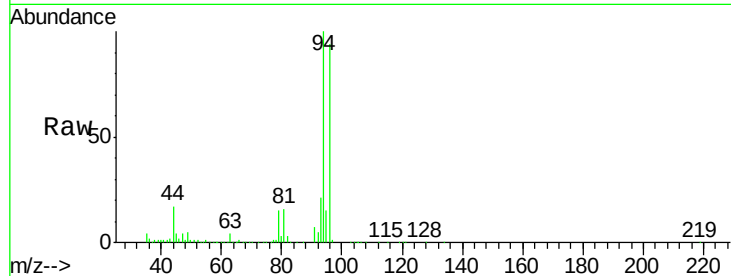
96 93.9 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

30000

25000

20000

15000

10000

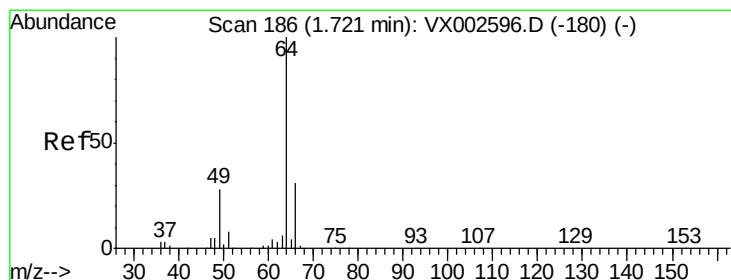
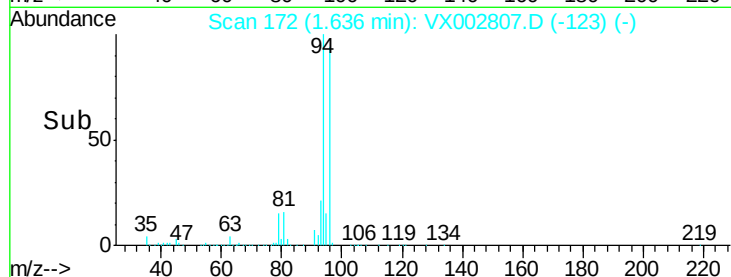
5000

0

1.60

1.65

Time-->



#6

Chloroethane

Concen: 18.42 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002807.D

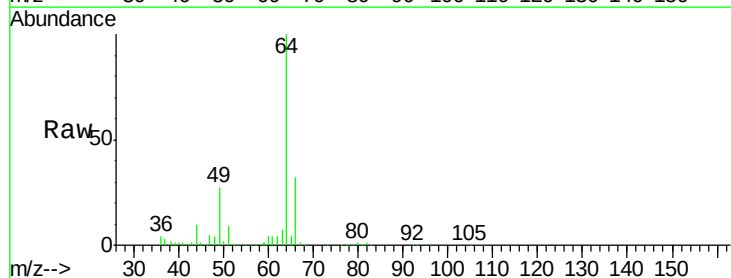
Acq: 22 Jun 2018 00:28

Tgt Ion: 64 Resp: 37628

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

15000

10000

5000

0

1.65

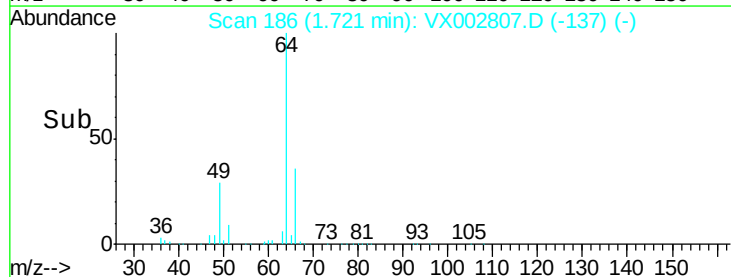
1.70

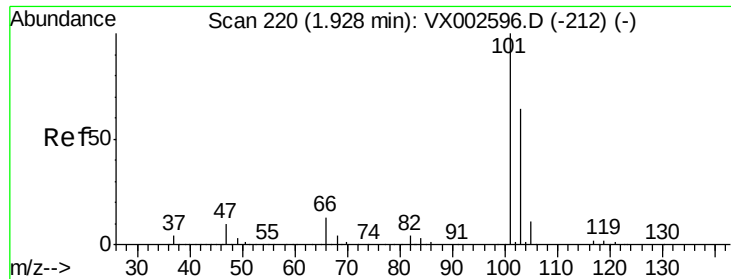
1.75

1.80

1.85

Time-->





#7

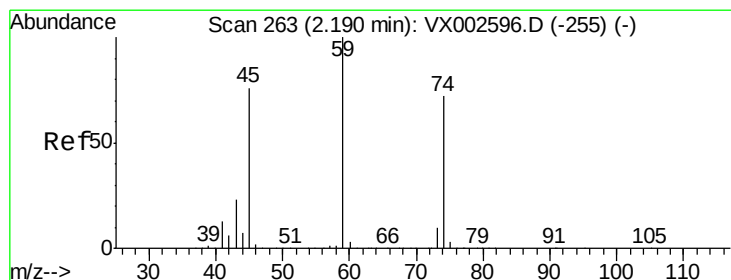
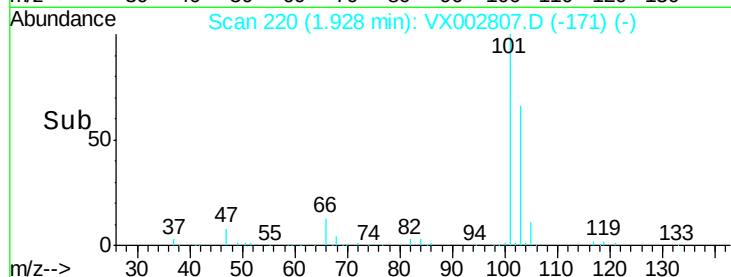
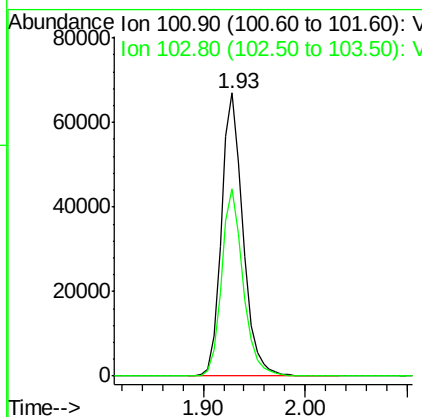
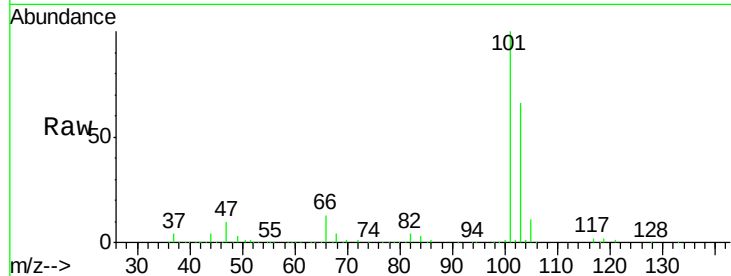
Trichlorofluoromethane
Concen: 19.63 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002807.D
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Tot Ion	101	Resp	98844
Ion Ratio	100	Lower	Upper
101	100		
103	66.3	52.8	79.2

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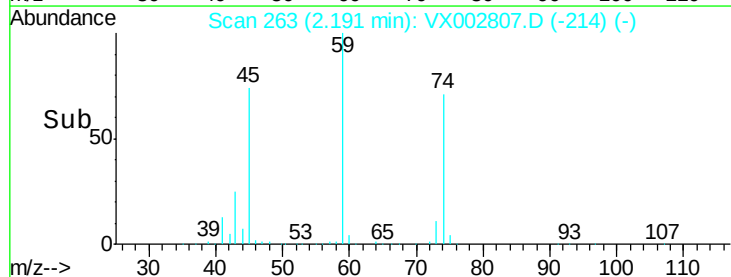
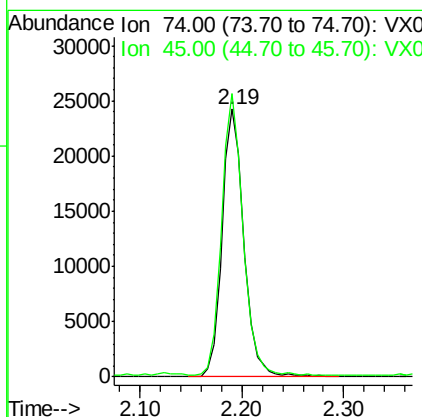
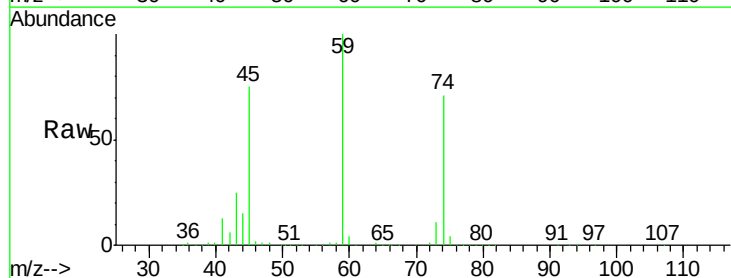
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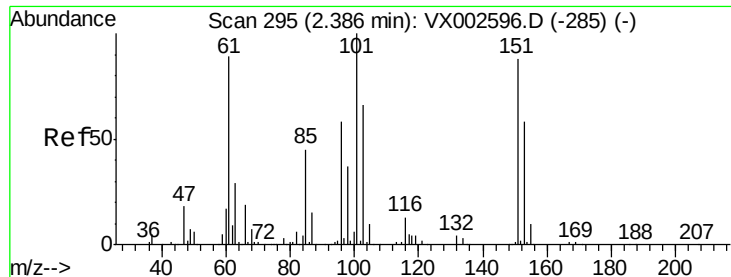


#8

Diethyl Ether
Concen: 18.75 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	74	Resp	35916
Ion Ratio	100	Lower	Upper
74	100		
45	103.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.71 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

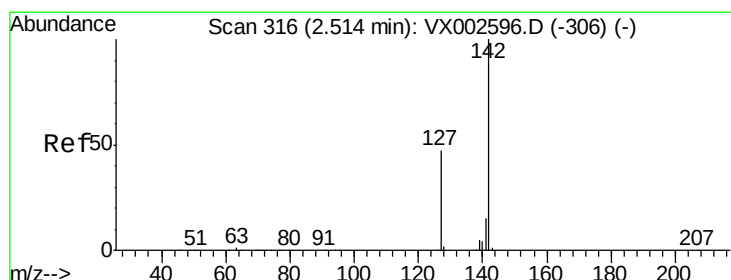
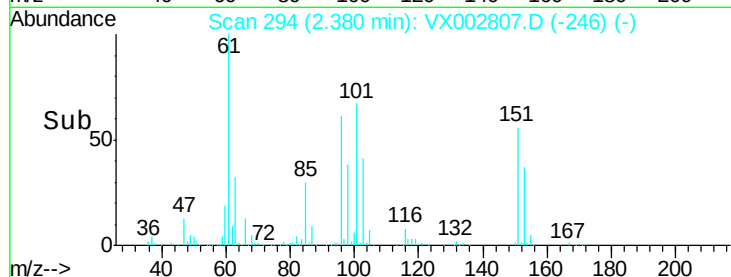
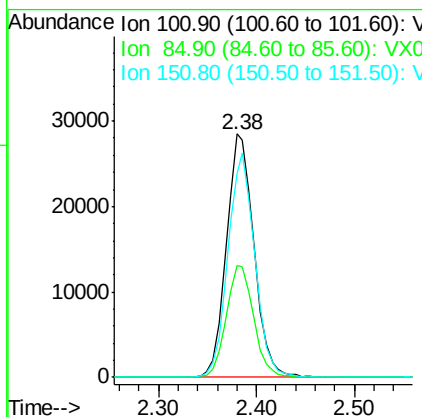
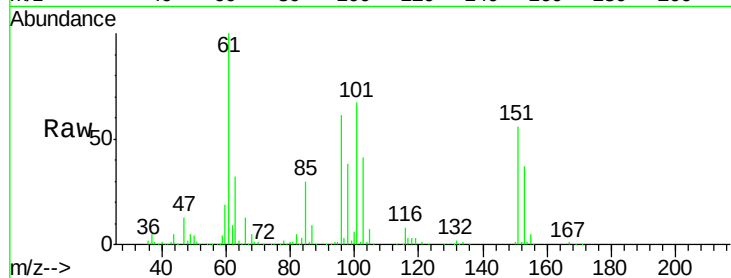
ClientSampleId :

VX0621WBSD02

Tot Ion:	101	Resp:	55497
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.0	54.0
151	89.8	70.9	106.3

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#10

Methyl Iodide

Concen: 17.98 ug/l

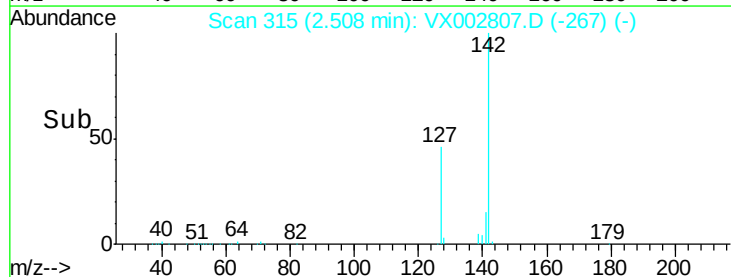
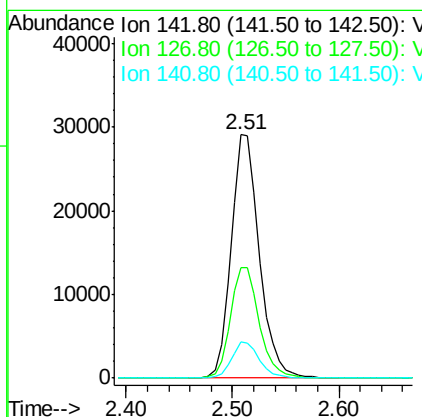
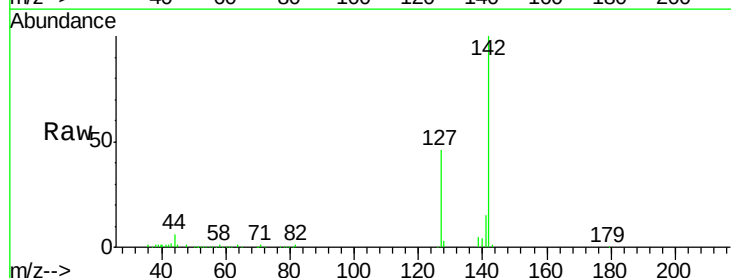
RT: 2.51 min Scan# 315

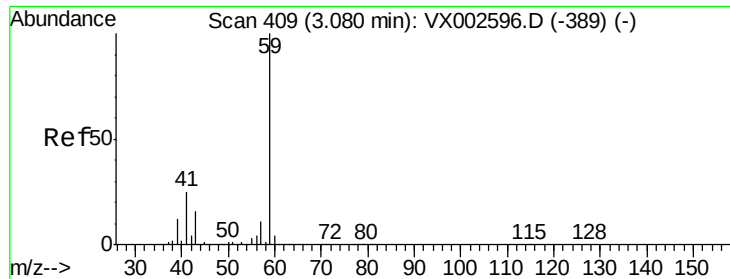
Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion:	142	Resp:	54230
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.6	55.0
141	14.7	11.3	16.9





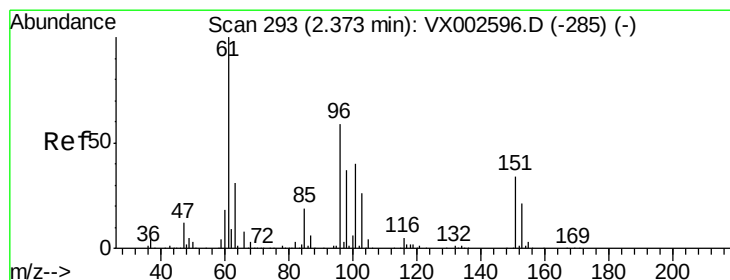
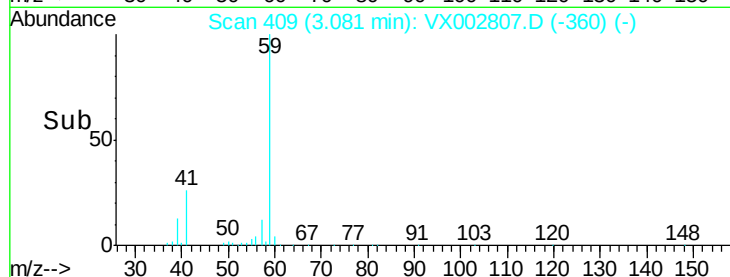
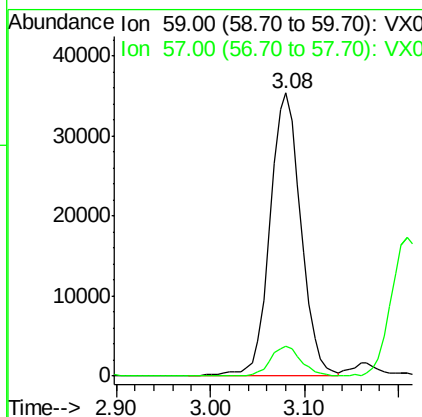
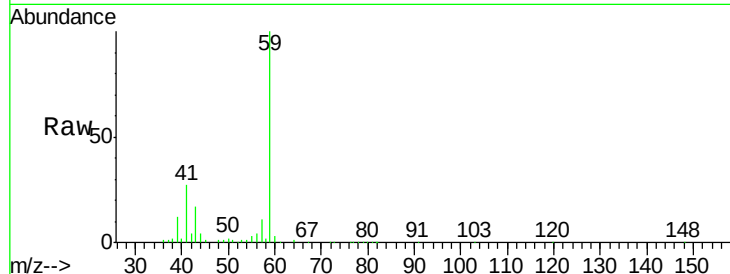
#11
Tert butyl alcohol
Concen: 109.47 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

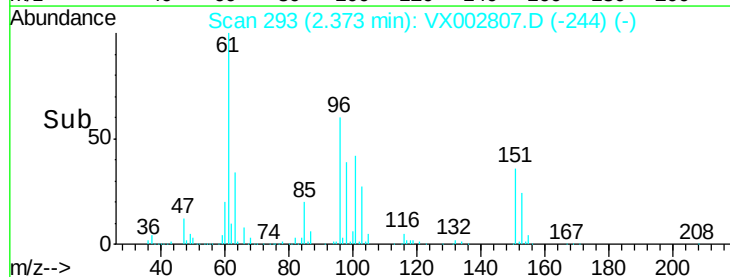
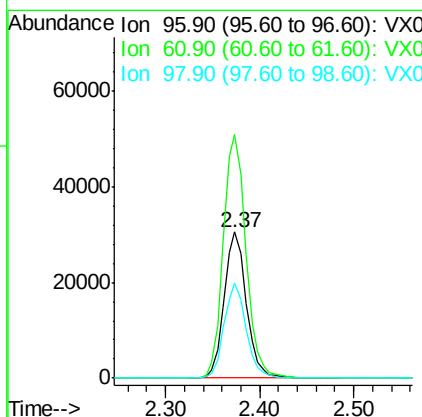
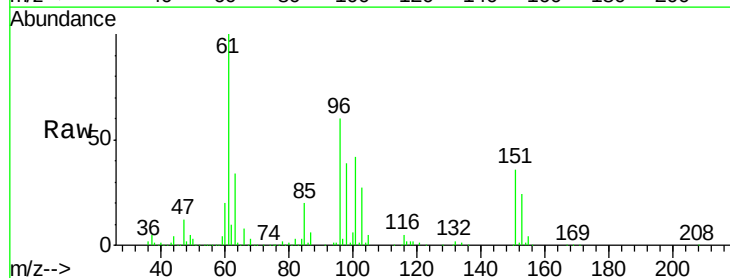
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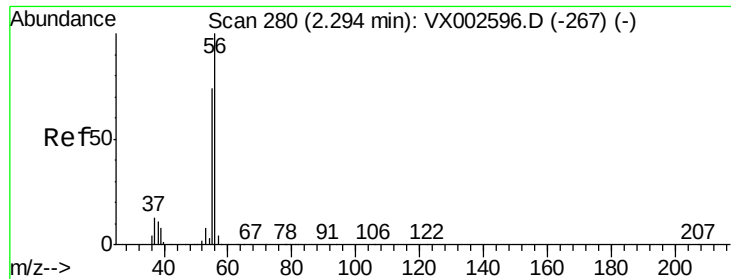
apatel
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#12
1,1-Dichloroethene
Concen: 18.90 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.4	137.9	206.9
98	64.8	51.6	77.4





#13

Acrolein

Concen: 88.35 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 56 Resp: 29190

Ion Ratio Lower Upper

56 100

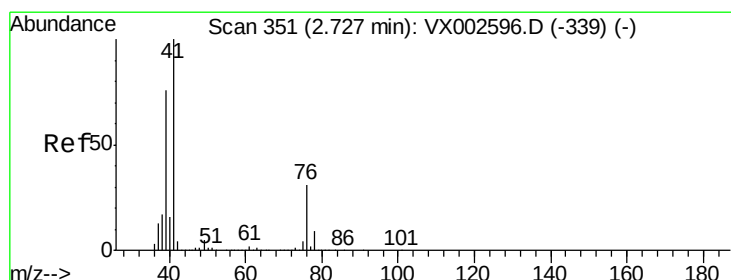
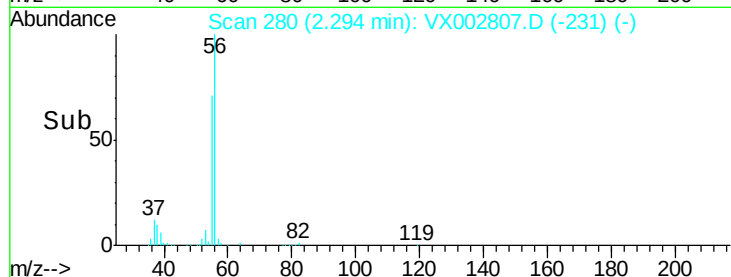
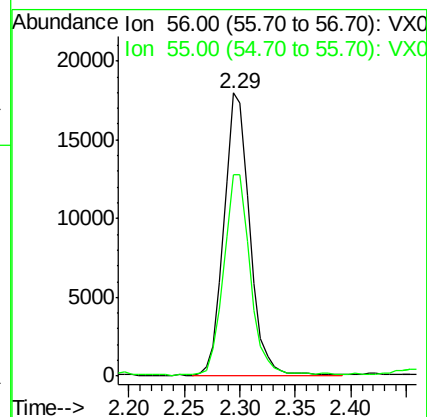
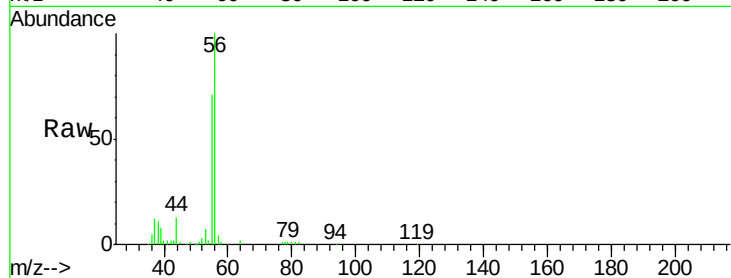
55 71.8 57.0 85.4

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#14

Allyl chloride

Concen: 18.58 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

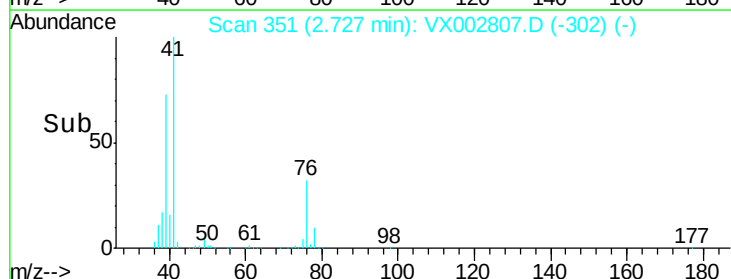
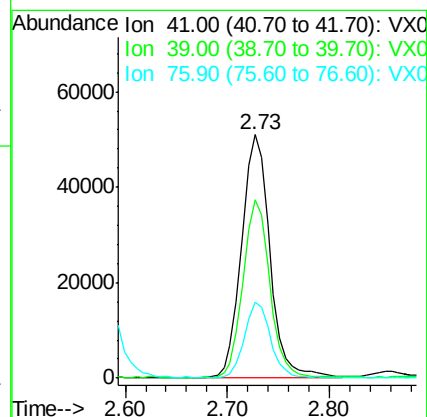
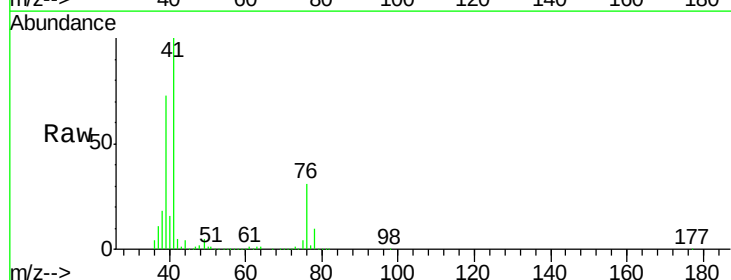
Tgt Ion: 41 Resp: 97512

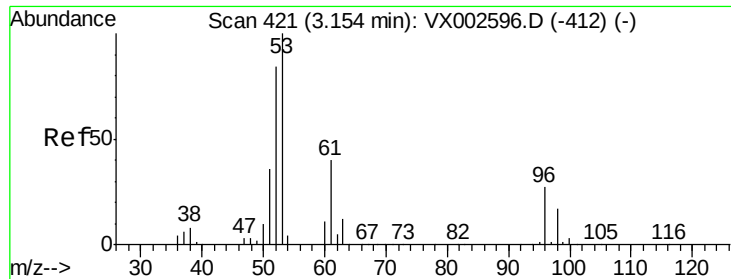
Ion Ratio Lower Upper

41 100

39 68.6 56.8 85.2

76 29.0 23.8 35.8





#15

Acrylonitrile

Concen: 100.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

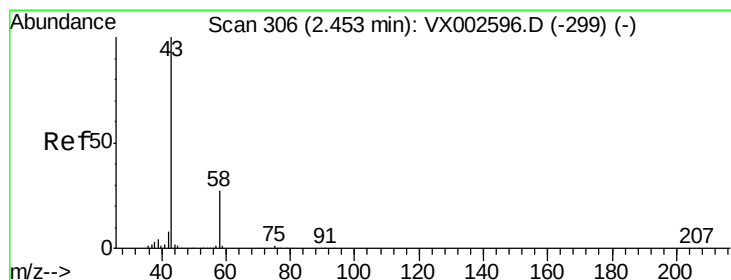
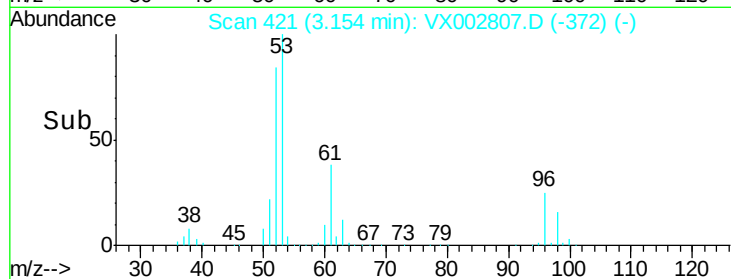
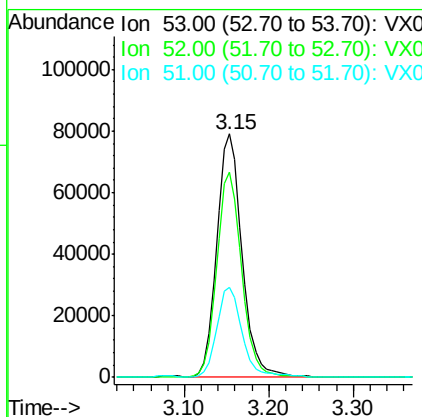
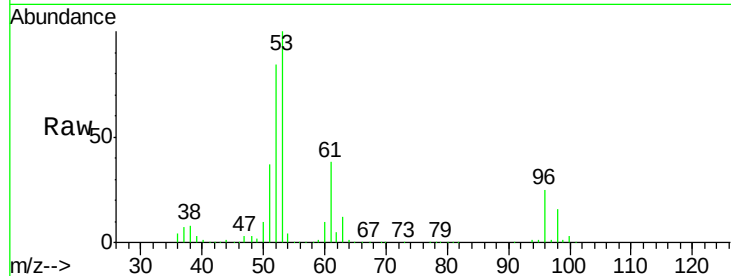
ClientSampleID :

VX0621WBSD02

Tot Ion:	53	Resp:	162710
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 100.41 ug/l

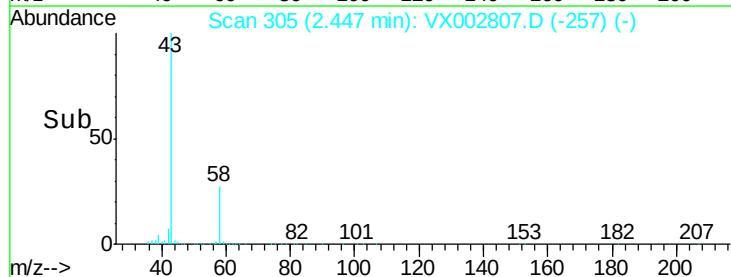
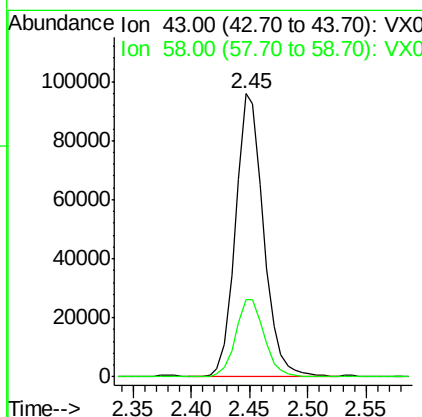
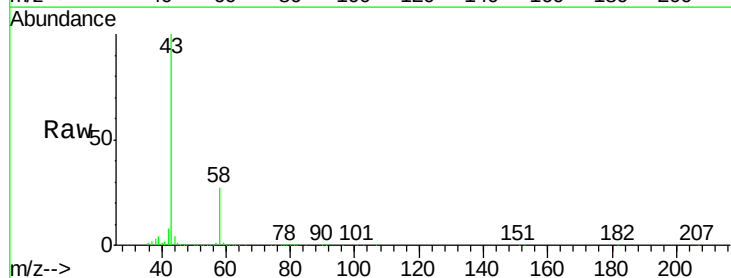
RT: 2.45 min Scan# 305

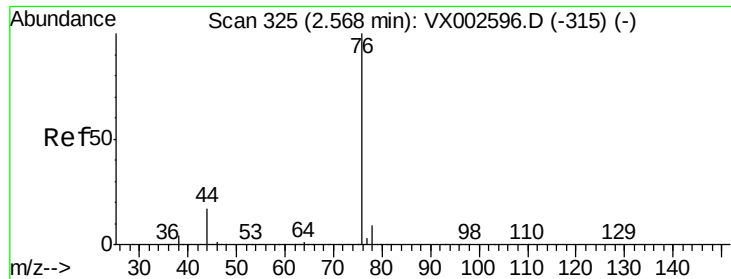
Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion:	43	Resp:	159244
Ion Ratio	Lower	Upper	
43	100		
58	27.2	22.1	33.1





#17

Carbon Disulfide

Concen: 19.91 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 76 Resp: 124806

Ion Ratio Lower Upper

76 100

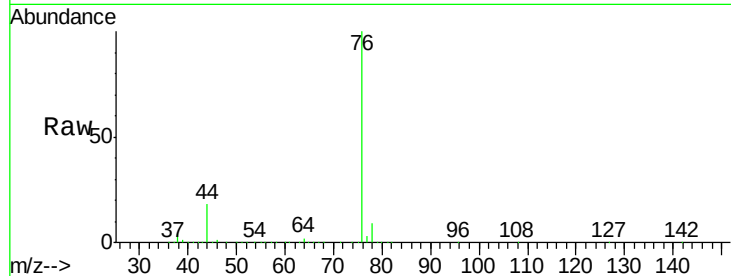
78 9.2 6.9 10.3

Manual Integrations

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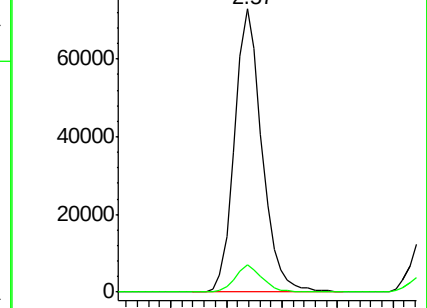
apatel

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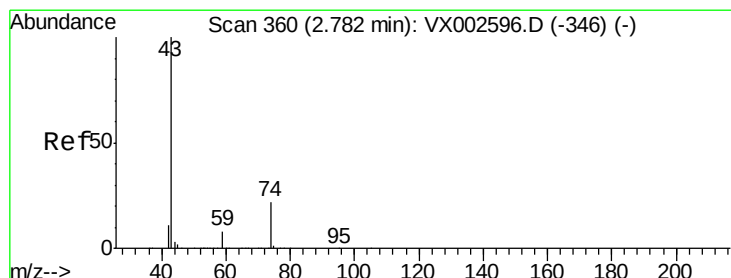
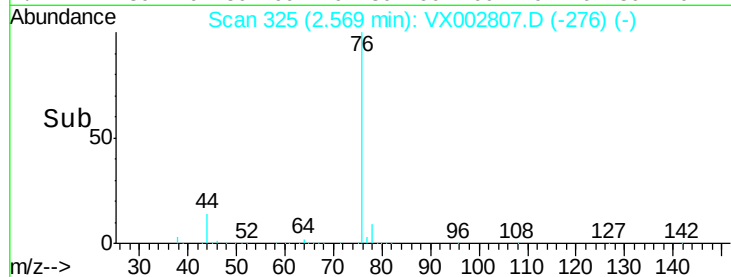


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 22.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002807.D

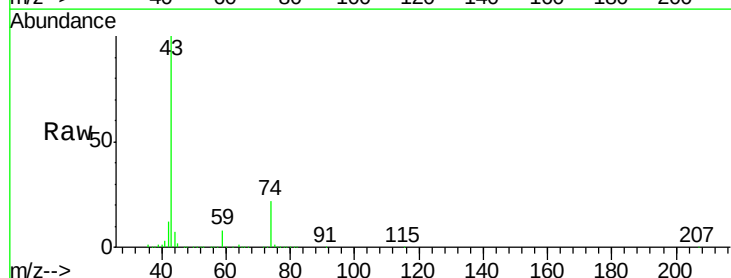
Acq: 22 Jun 2018 00:28

Tgt Ion: 43 Resp: 95038

Ion Ratio Lower Upper

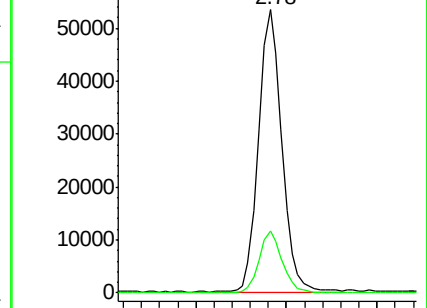
43 100

74 21.2 16.7 25.1

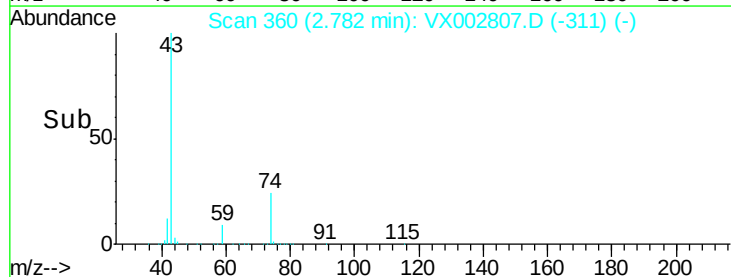


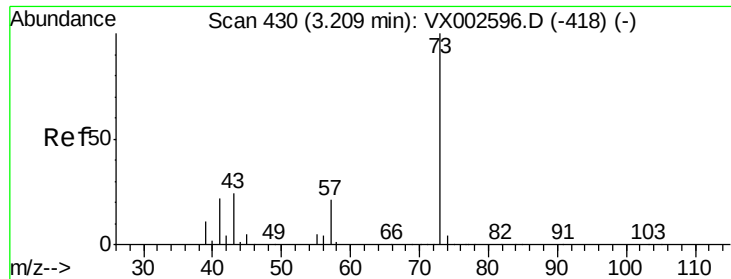
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





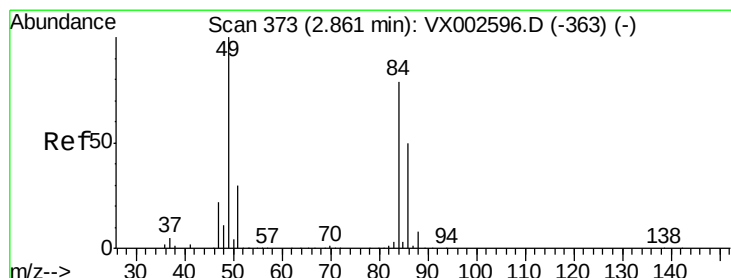
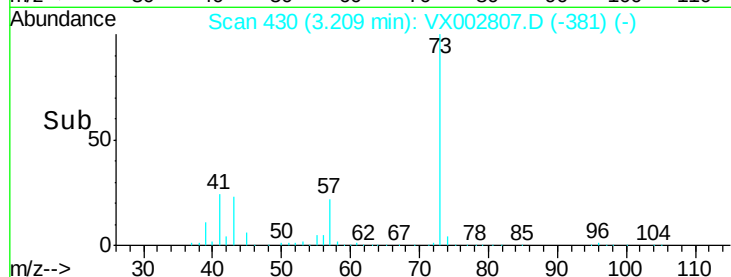
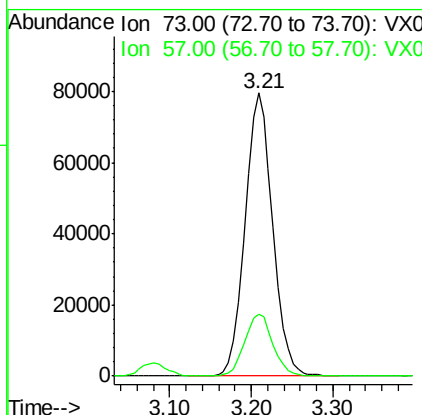
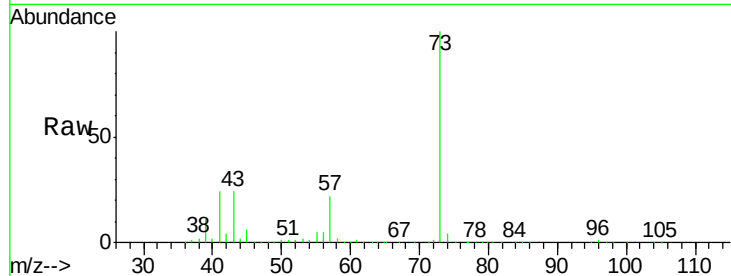
#19
Methyl tert-butyl Ether
Concen: 18.83 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion: 73 Resp: 186694
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

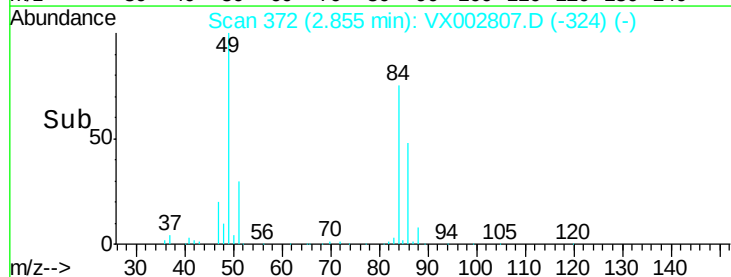
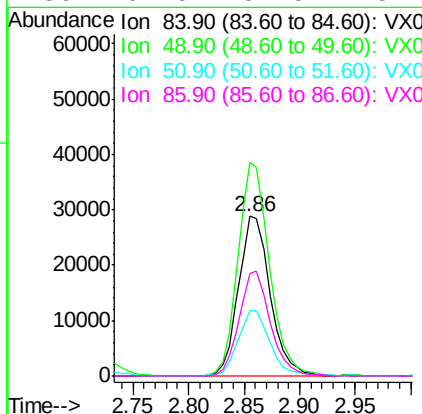
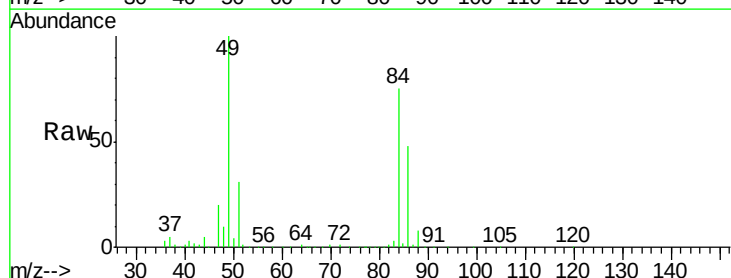
Manual Integrations
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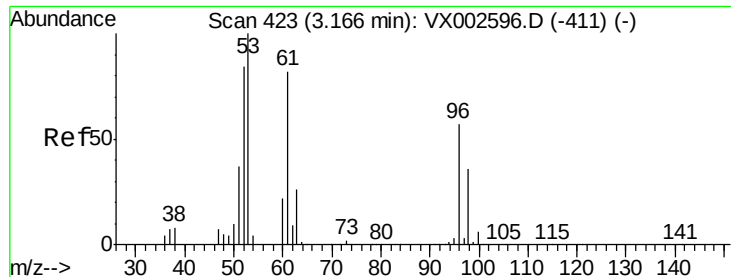
apatel
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#20
Methylene Chloride
Concen: 17.55 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 84 Resp: 57073
Ion Ratio Lower Upper
84 100
49 133.8 107.8 161.6
51 40.6 32.8 49.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

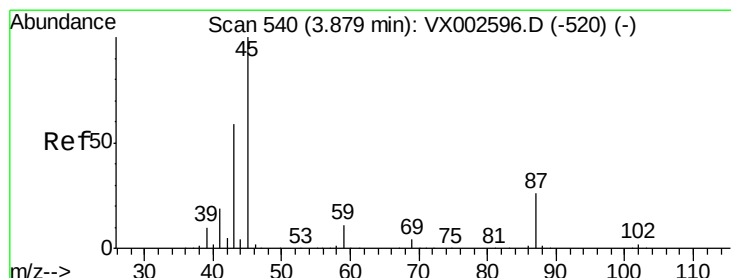
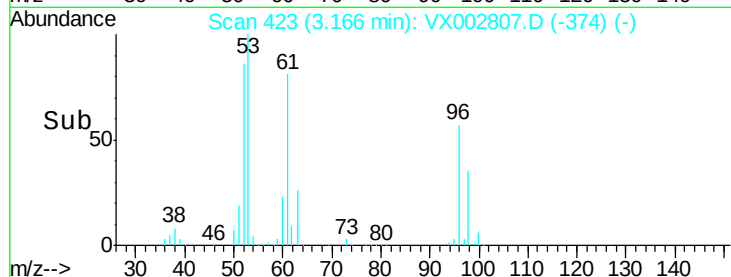
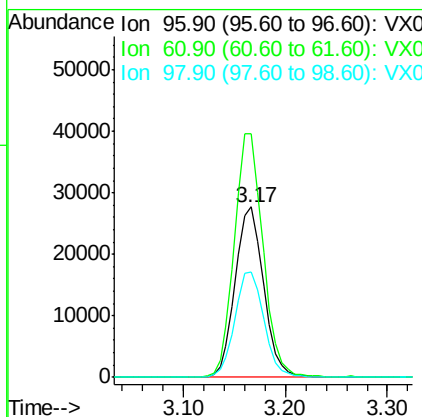
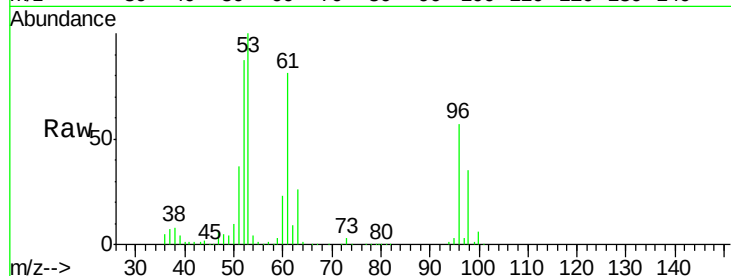
ClientSampleId :

VX0621WBSD02

Tot Ion:	96	Resp:	53780
Ion	Ratio	Lower	Upper
96	100		
61	142.9	117.0	175.4
98	61.9	52.4	78.6

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#22

Diisopropyl ether

Concen: 19.59 ug/l

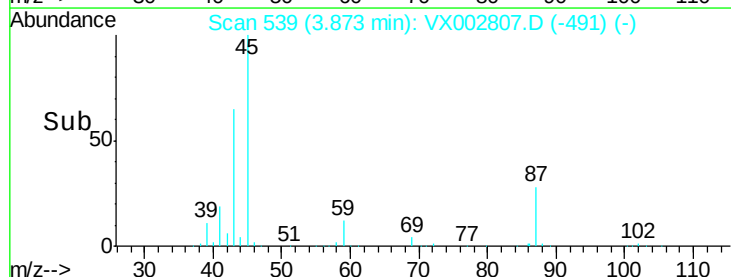
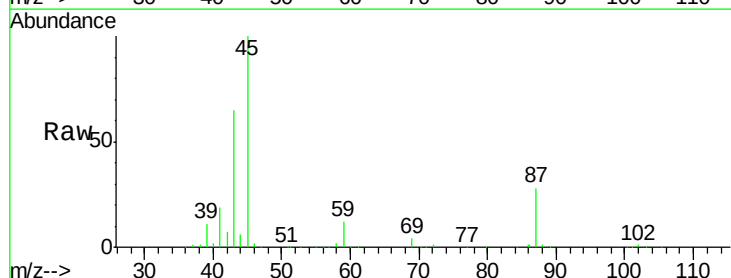
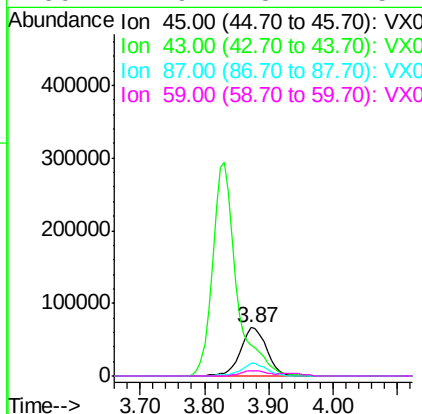
RT: 3.87 min Scan# 539

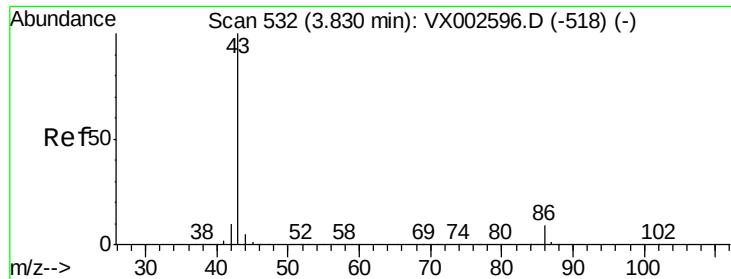
Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion:	45	Resp:	185979
Ion	Ratio	Lower	Upper
45	100		
43	64.5	46.8	70.2
87	27.9	20.2	30.4
59	11.9	8.7	13.1





#23

Vinyl Acetate

Concen: 96.62 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 43 Resp: 767885

Ion Ratio Lower Upper

43 100

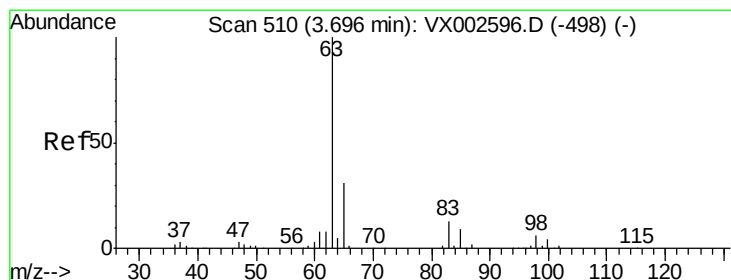
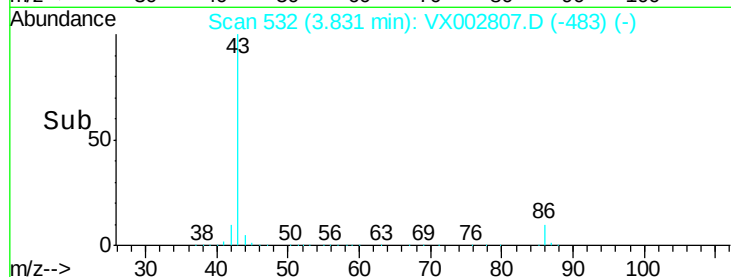
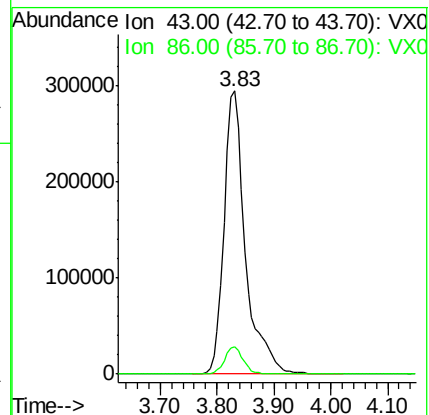
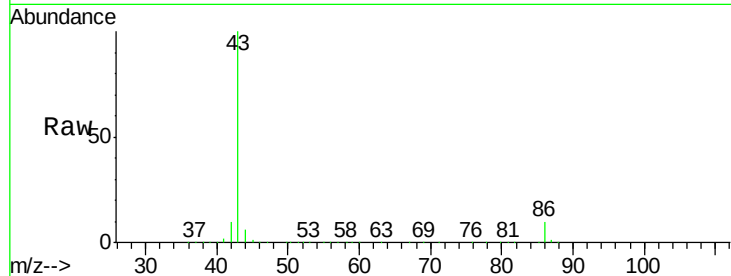
86 9.9 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 20.20 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

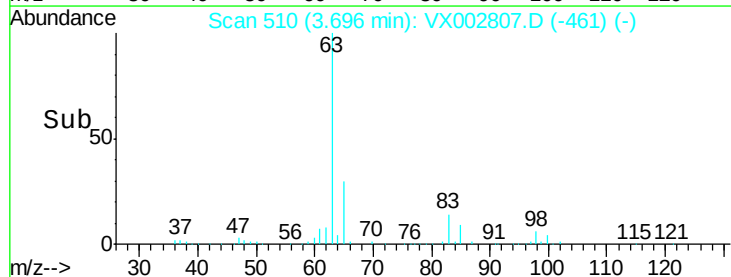
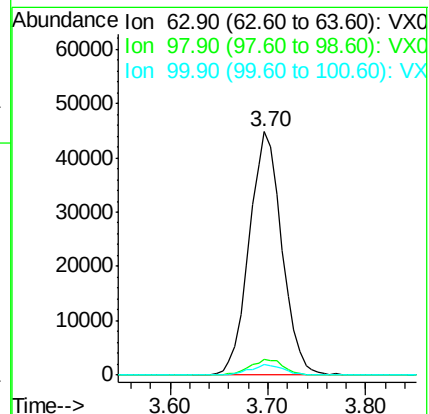
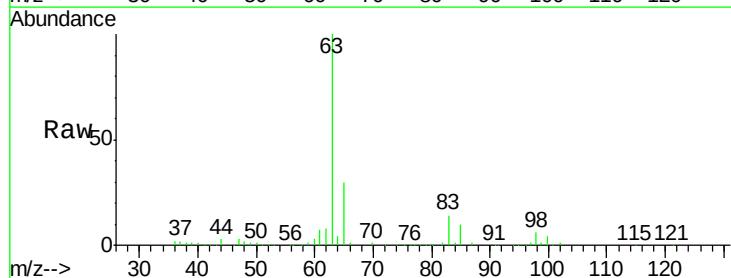
Tgt Ion: 63 Resp: 104117

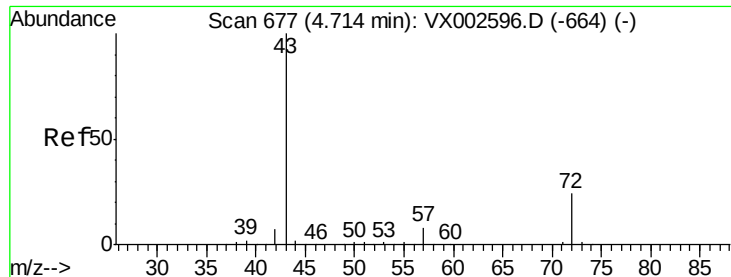
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 110.28 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 43 Resp: 229697

Ion Ratio Lower Upper

43 100

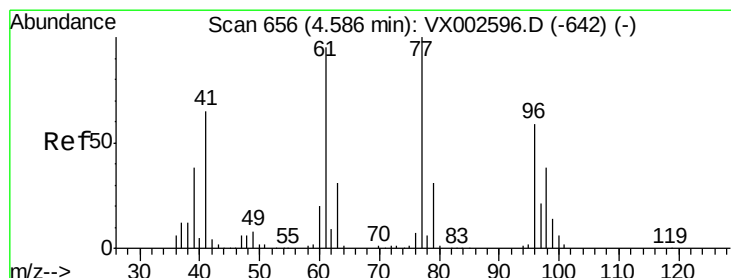
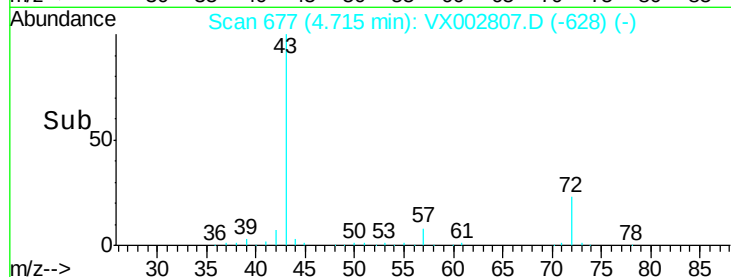
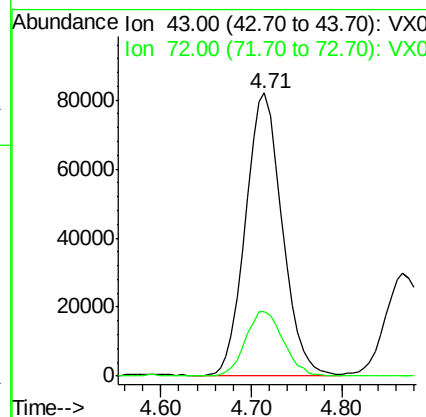
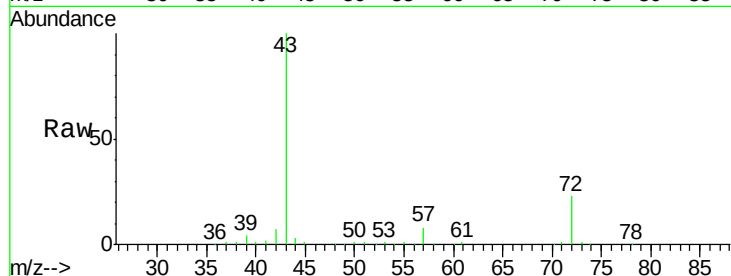
72 22.8 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002807.D

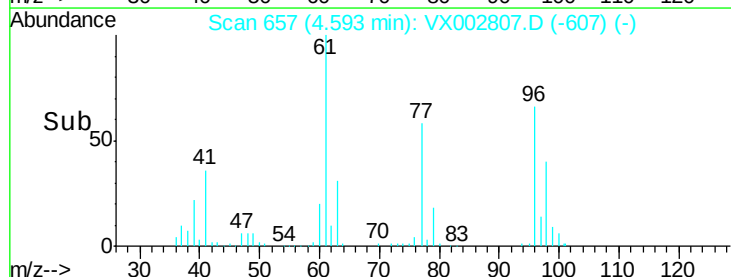
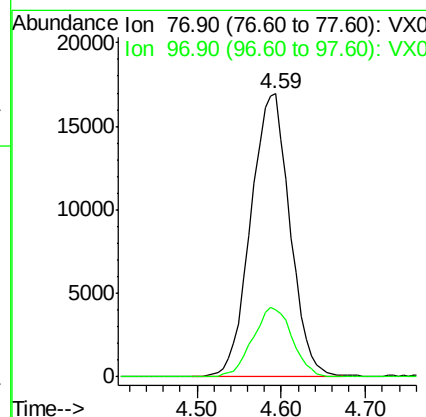
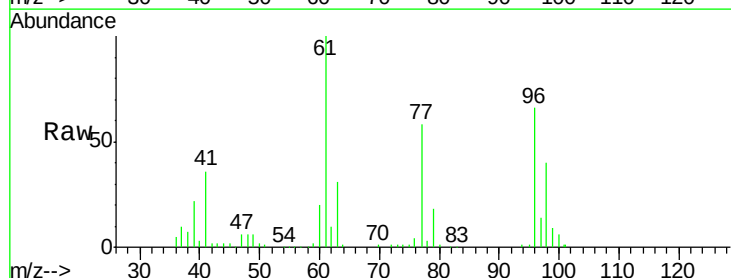
Acq: 22 Jun 2018 00:28

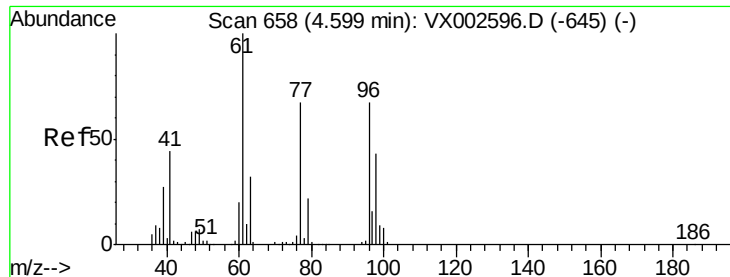
Tgt Ion: 77 Resp: 53760

Ion Ratio Lower Upper

77 100

97 24.6 11.2 33.5





#27

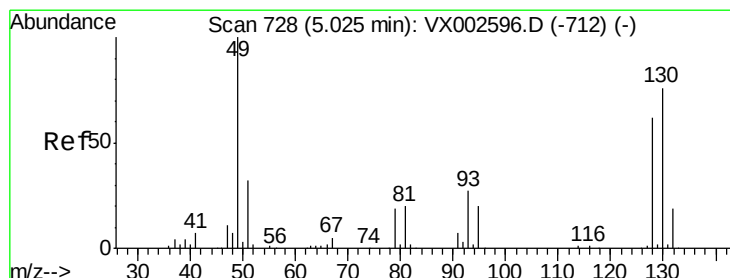
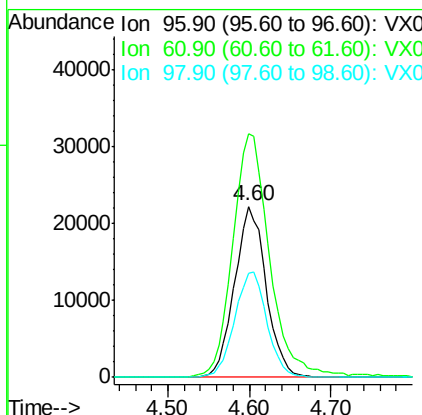
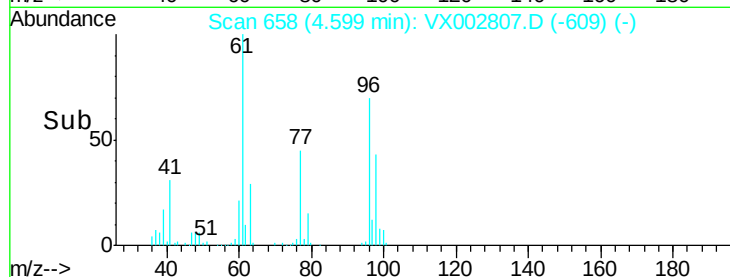
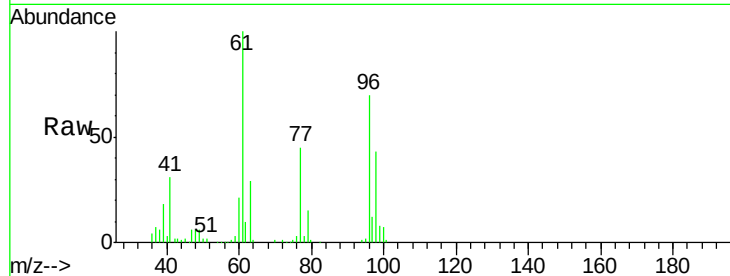
cis-1,2-Dichloroethene
Concen: 20.43 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.6	0.0	330.2
98	63.0	0.0	130.2

Manual Integrations
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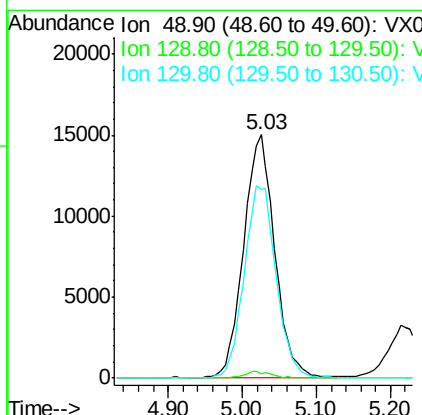
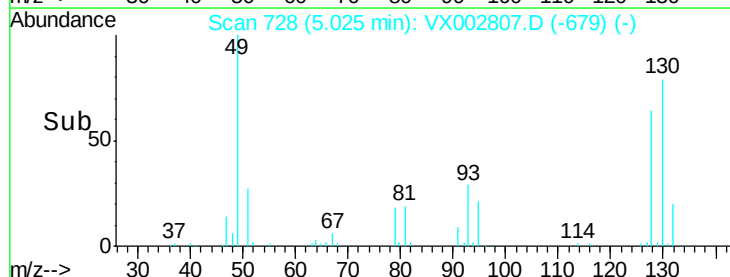
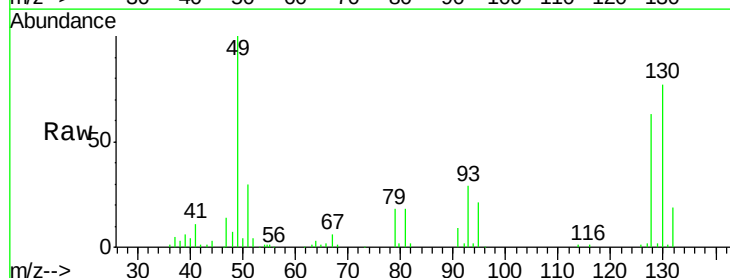
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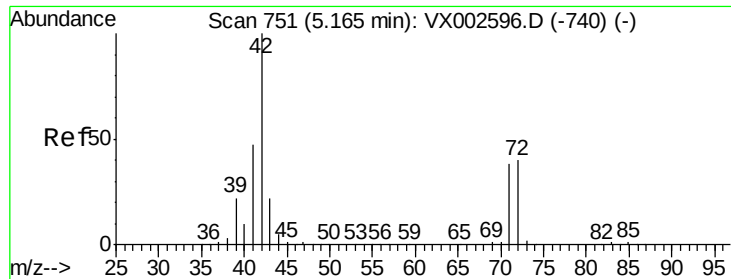


#28

Bromochloromethane
Concen: 18.34 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	80.7	61.2	91.8





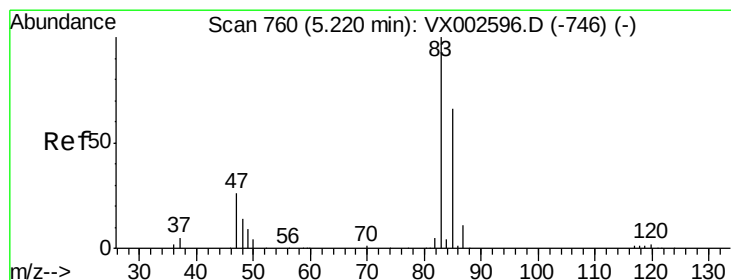
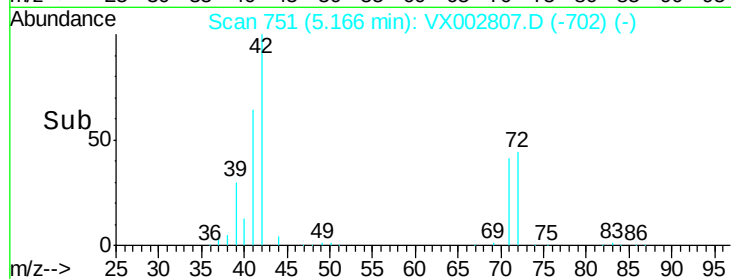
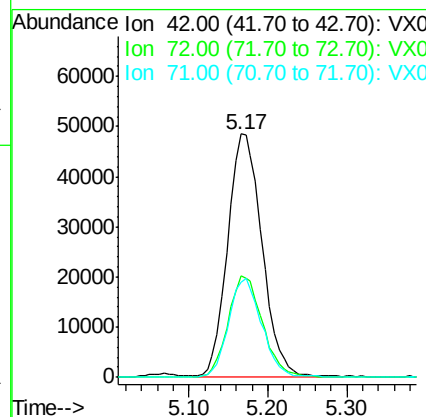
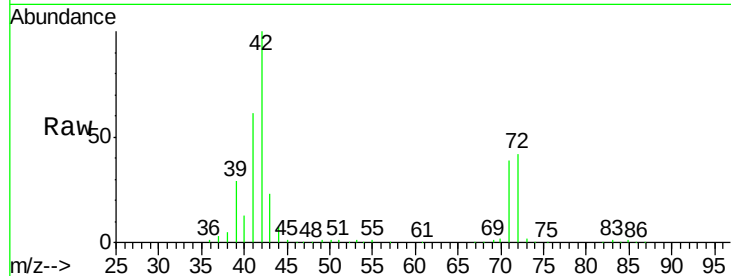
#29
Tetrahydrofuran
Concen: 107.04 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	32.0	48.0
71	39.6	30.1	45.1

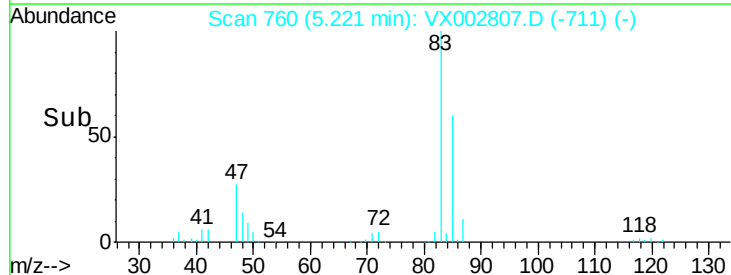
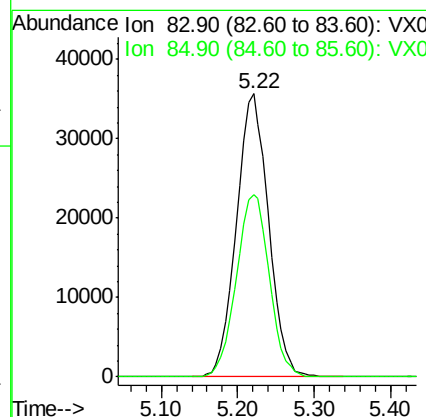
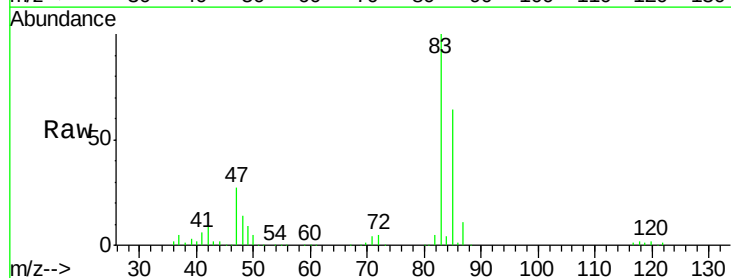
Manual Integrations
APPROVED

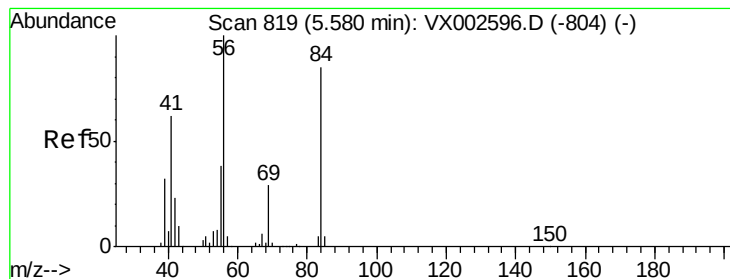
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#30
Chloroform
Concen: 20.89 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.4	75.6





#31

Cyclohexane

Concen: 19.90 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

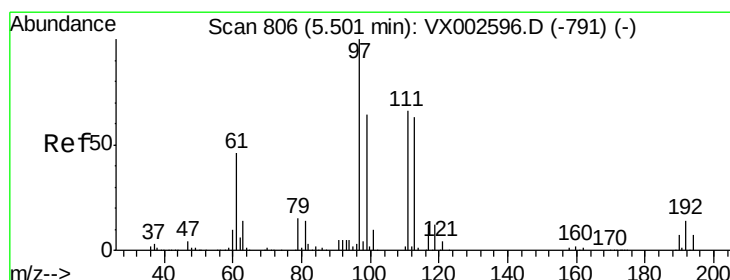
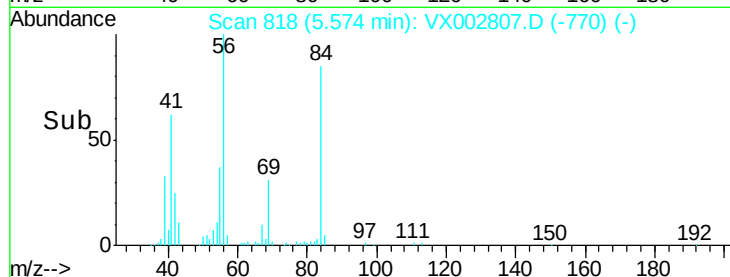
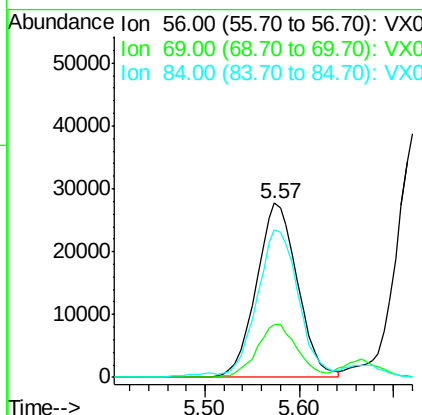
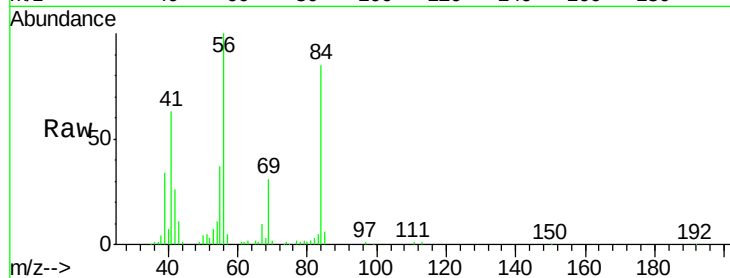
ClientSampleId :

VX0621WBSD02

Tot Ion:	56	Resp:	84430
Ion Ratio	Lower	Upper	
56	100		
69	30.6	23.7	35.5
84	83.0	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.57 ug/l

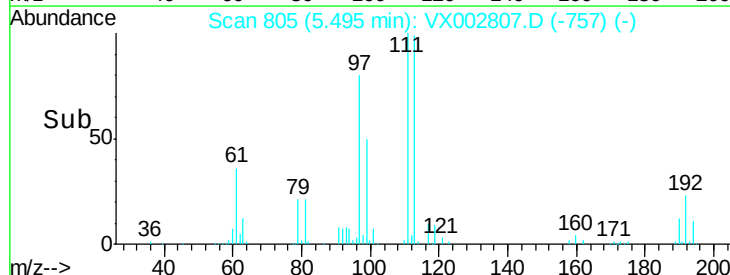
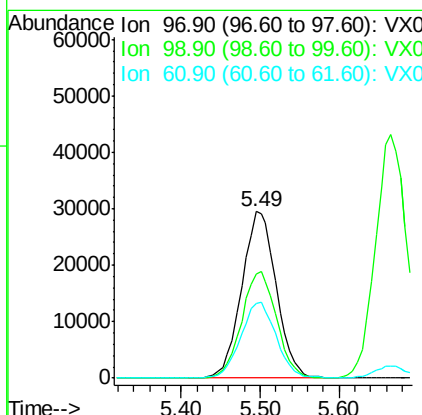
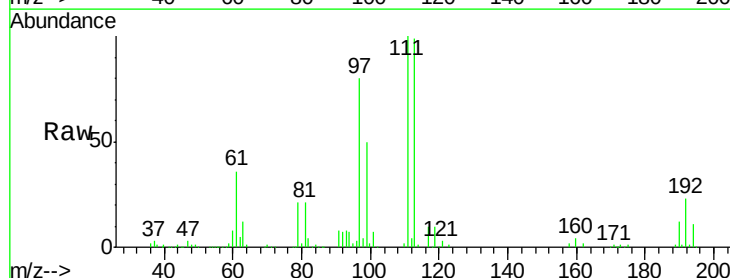
RT: 5.49 min Scan# 805

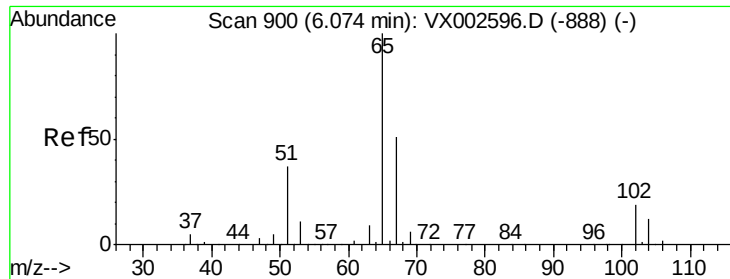
Delta R.T. -0.01 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion:	97	Resp:	89657
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	46.6	36.4	54.6





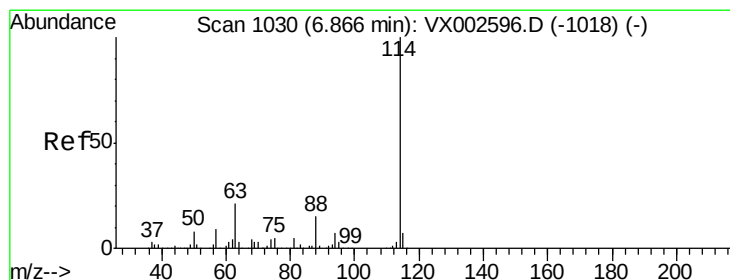
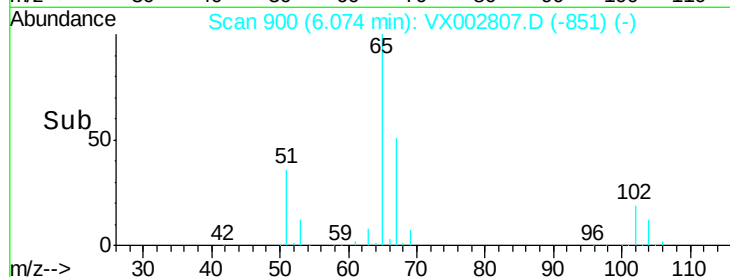
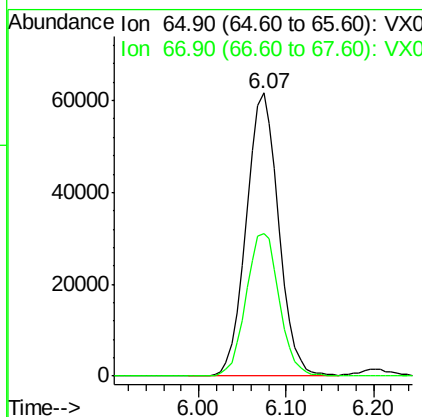
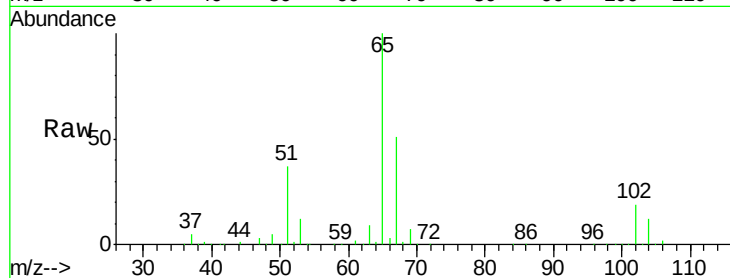
#33
 1,2-Dichloroethane-d4
 Concen: 44.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158583		
67	51.7	0.0	102.6	

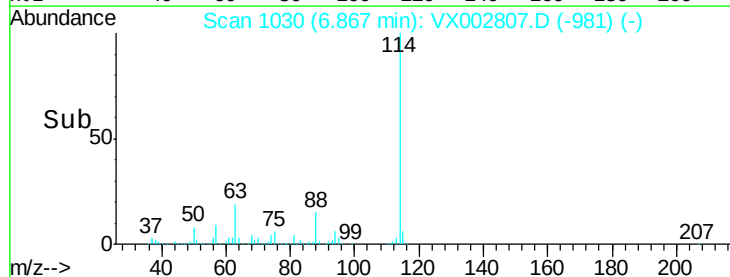
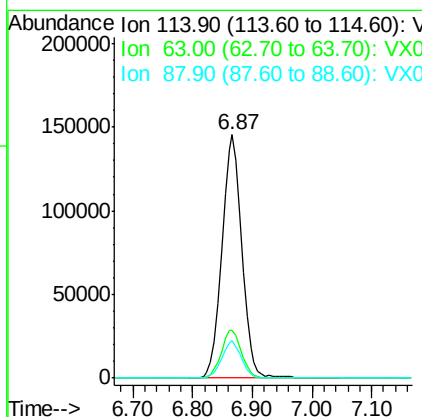
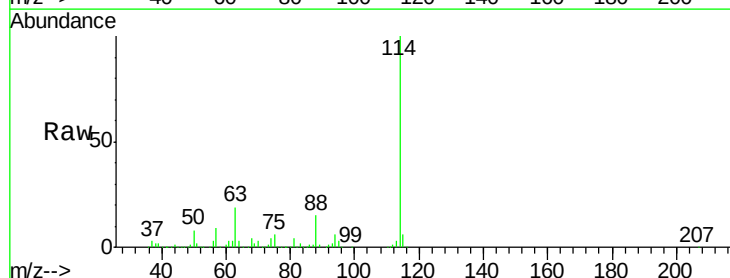
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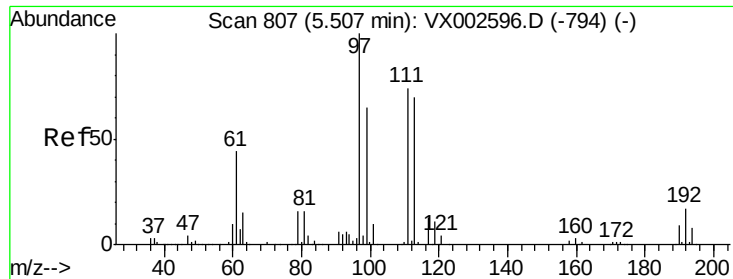
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337369		
63	19.4	0.0	41.4	
88	15.2	0.0	30.0	





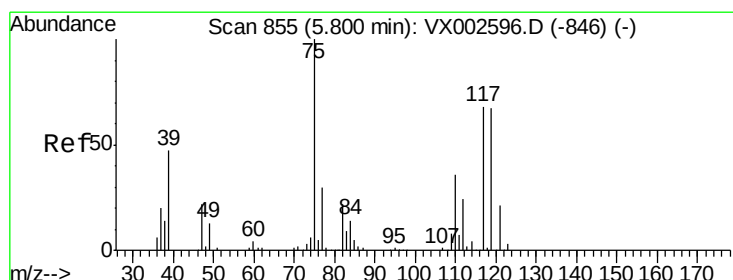
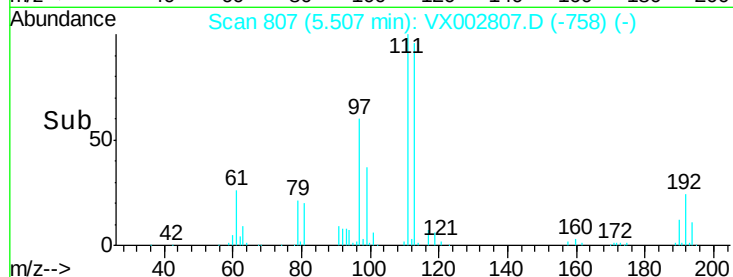
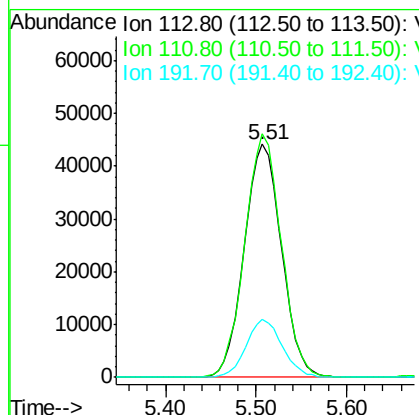
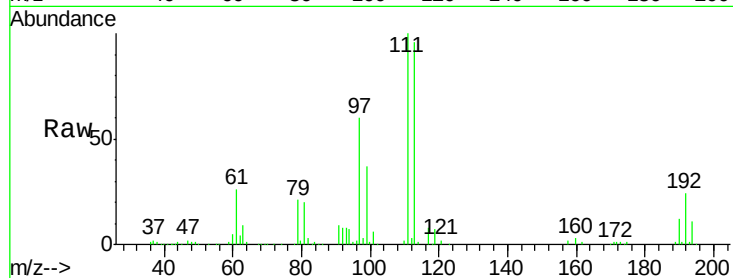
#35
 Dibromofluoromethane
 Concen: 46.70 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125742		
111	102.6	81.4	122.0	
192	24.1	19.1	28.7	

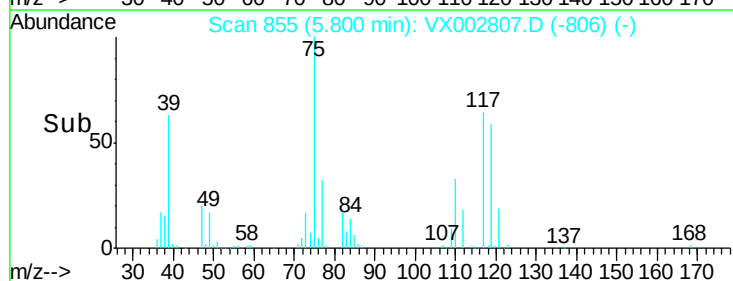
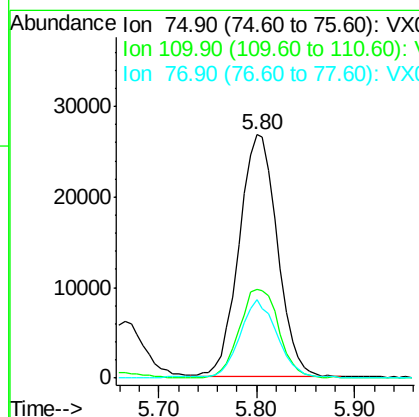
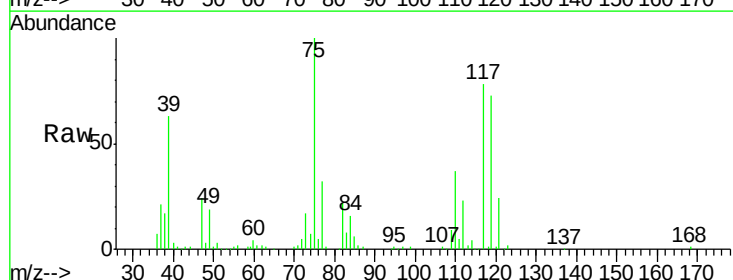
Manual Integrations
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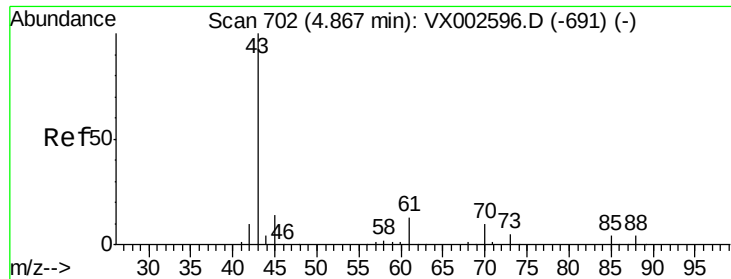
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#36
 1,1-Dichloropropene
 Concen: 20.34 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72866		
110	38.1	18.1	54.4	
77	32.2	24.3	36.5	





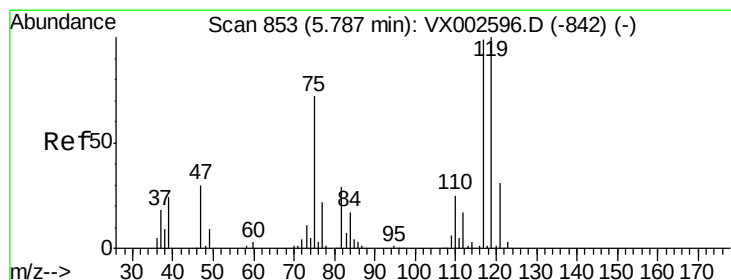
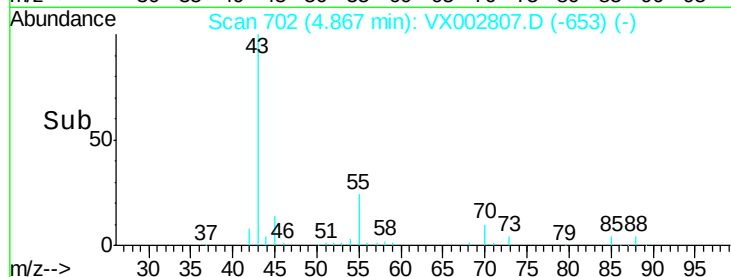
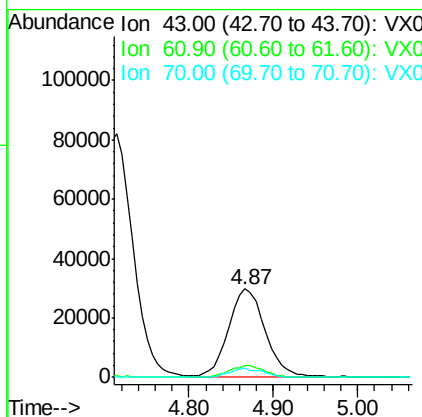
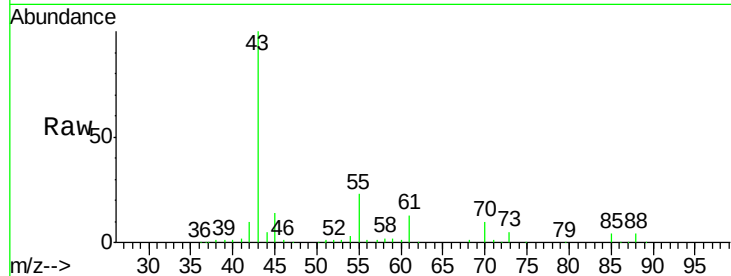
#37
Ethyl Acetate
Concen: 21.55 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	9.8	7.6	11.4

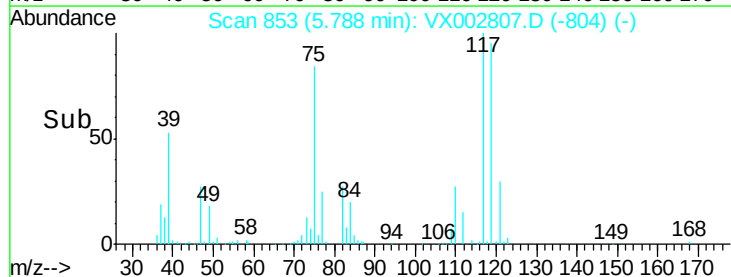
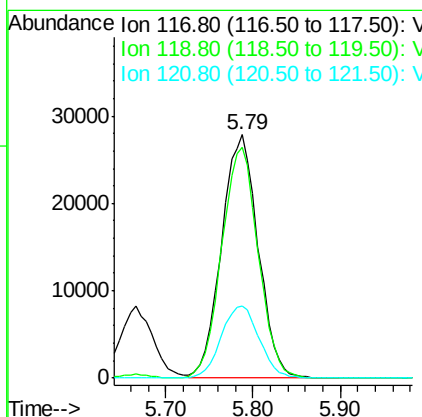
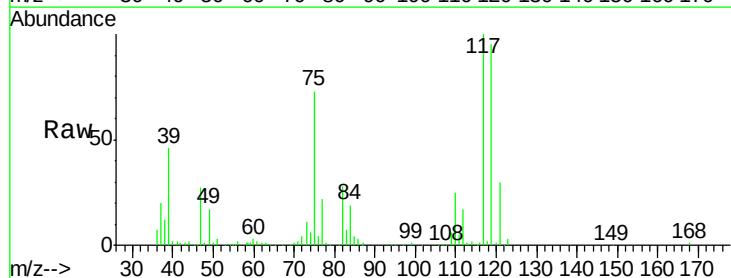
Manual Integrations
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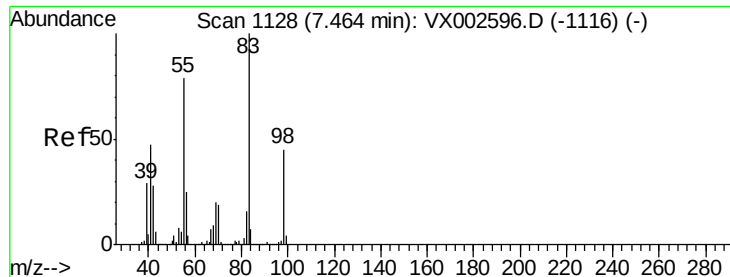
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#38
Carbon Tetrachloride
Concen: 22.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
121	29.7	24.4	36.6





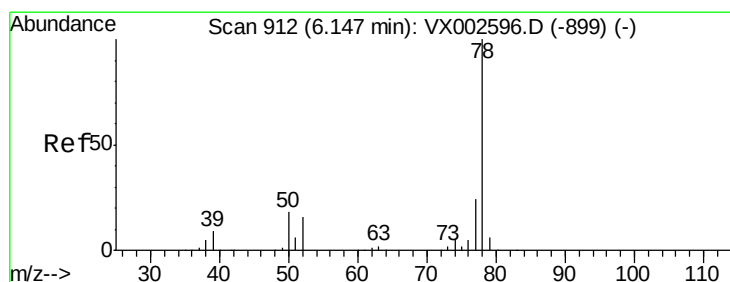
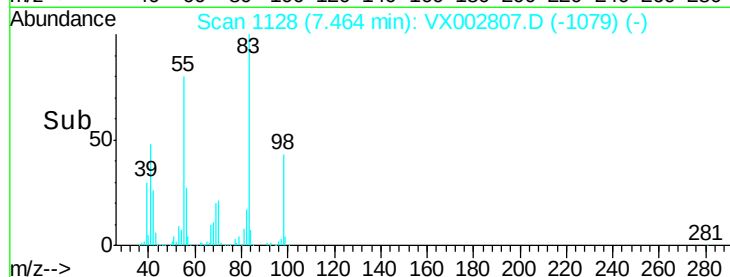
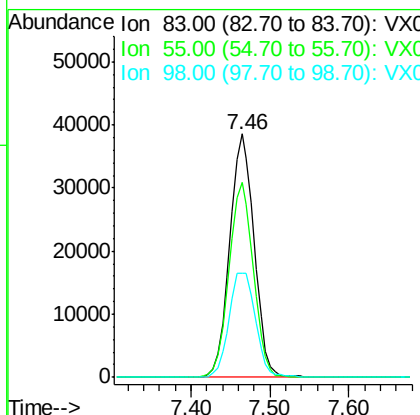
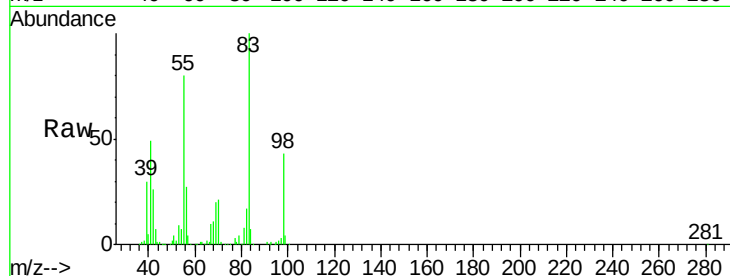
#39
Methylvlcyclohexane
Concen: 19.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	65.4	98.0
98	43.0	37.4	56.0

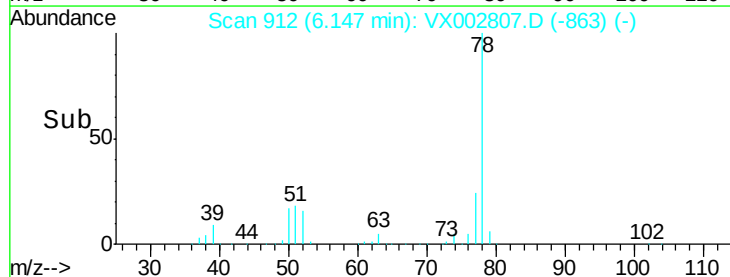
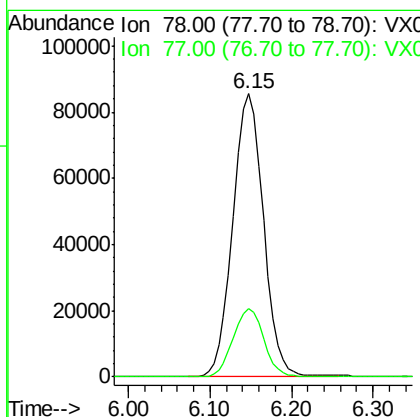
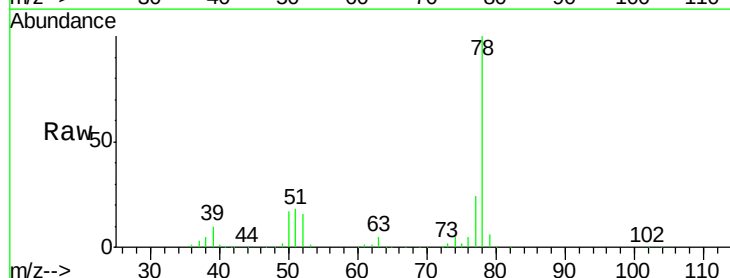
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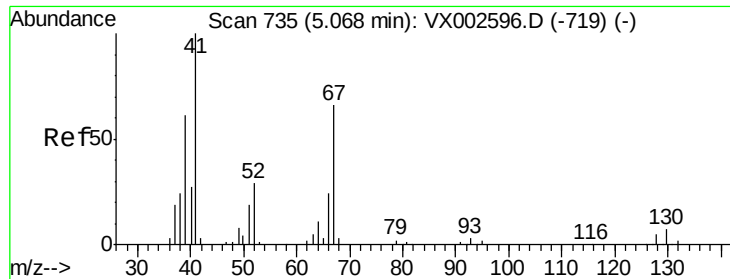
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#40
Benzene
Concen: 20.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





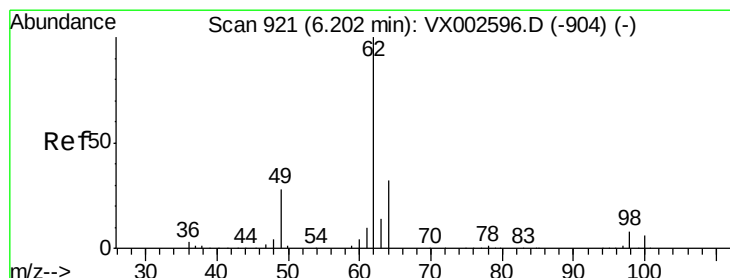
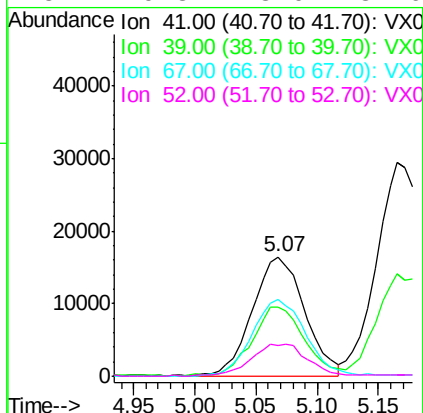
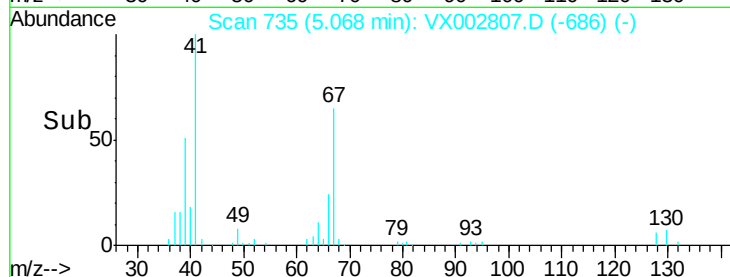
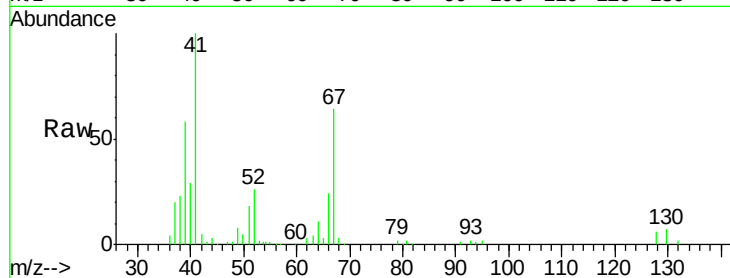
#41
Methacrylonitrile
Concen: 21.49 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.4	45.8	68.6	
67	66.2	51.3	76.9	
52	29.3	23.0	34.6	

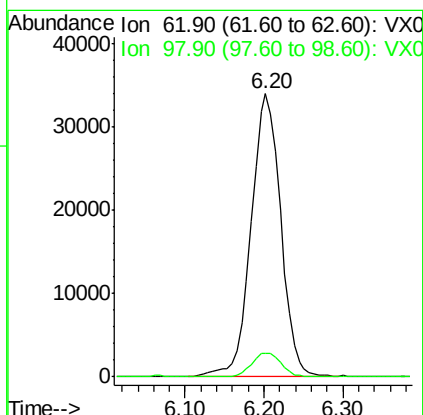
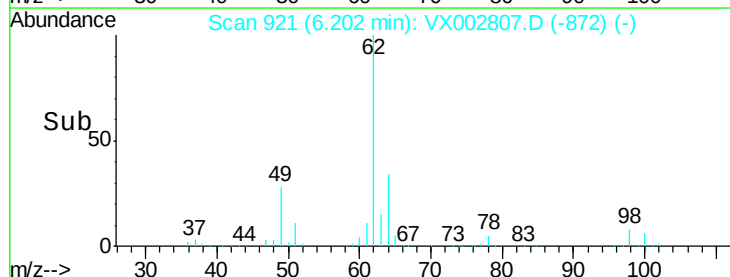
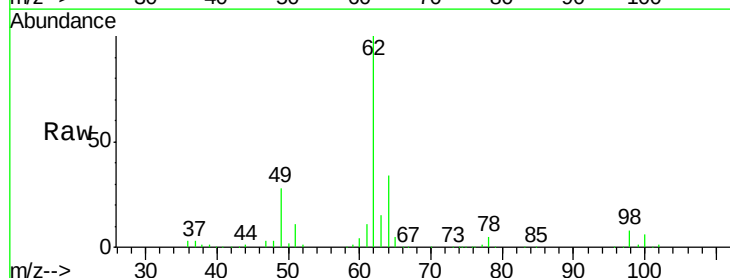
Manual Integrations
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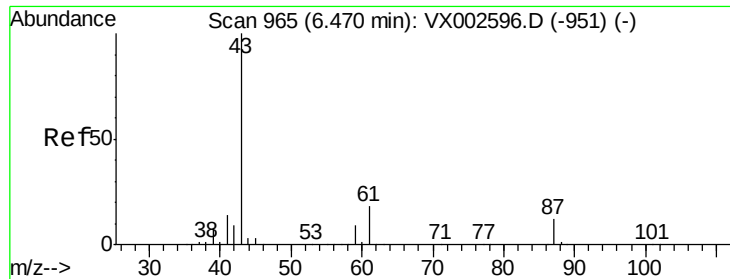
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#42
1,2-Dichloroethane
Concen: 21.34 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

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





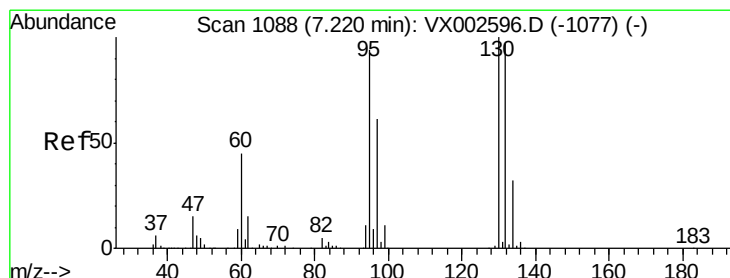
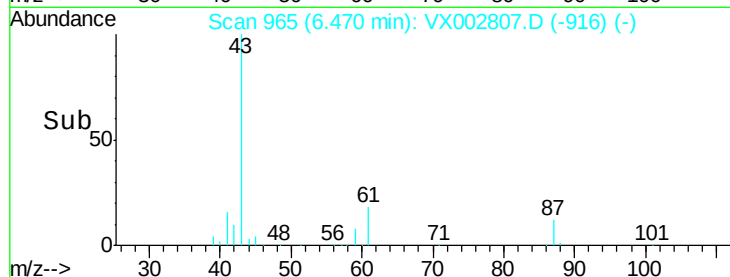
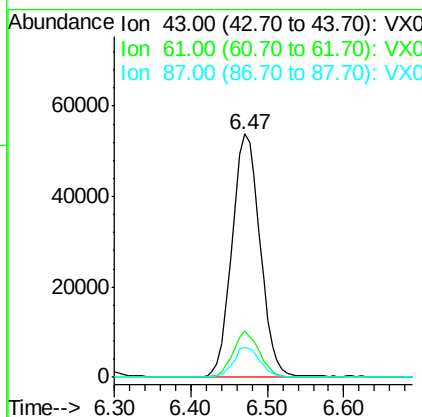
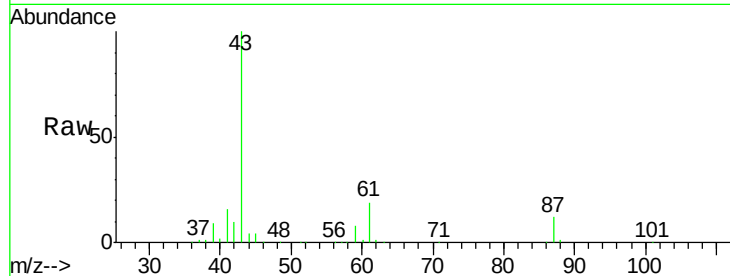
#43
Isopropyl Acetate
Concen: 20.28 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.1	9.5	14.3

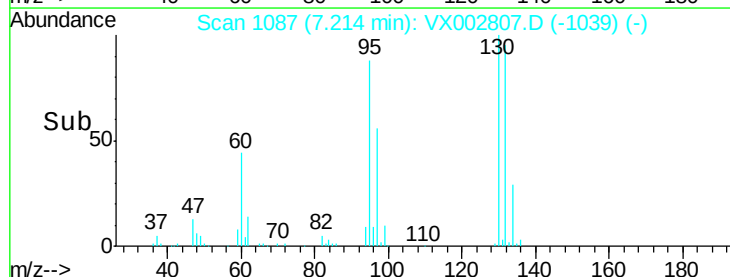
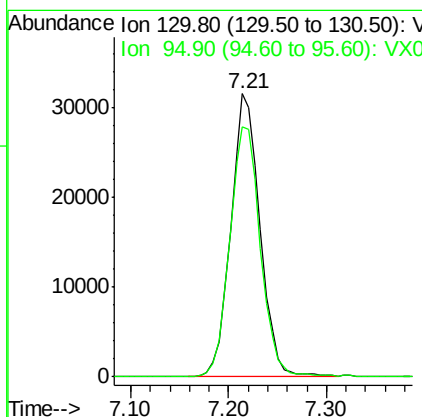
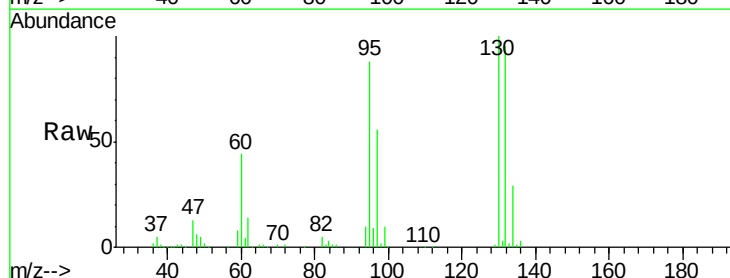
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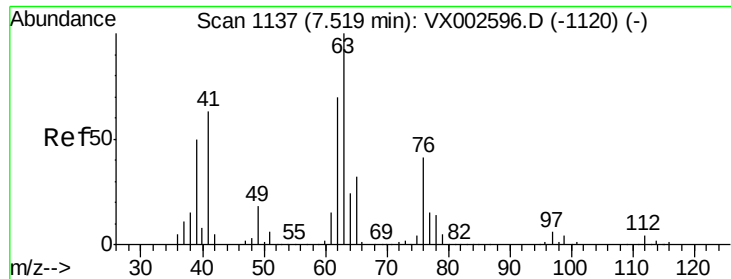
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#44
Trichloroethene
Concen: 21.00 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 20.93 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 63 Resp: 59169

Ion Ratio Lower Upper

63 100

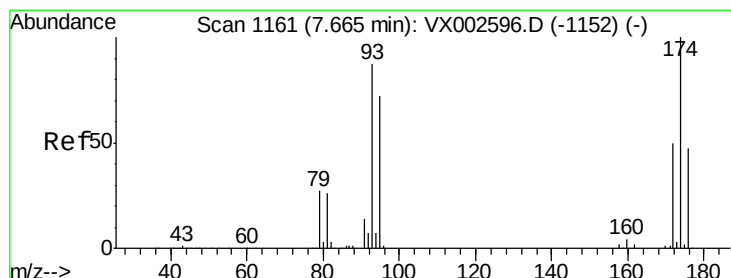
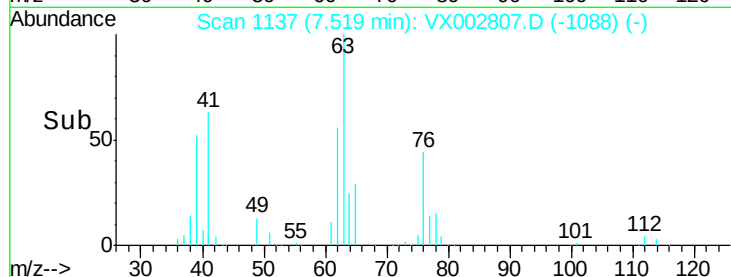
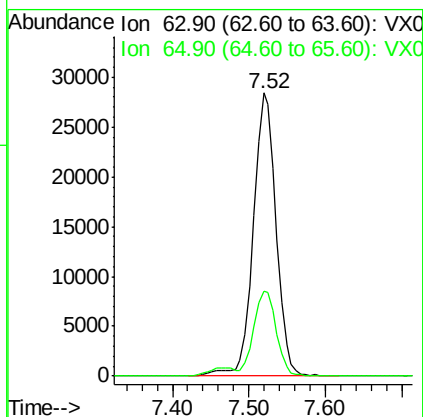
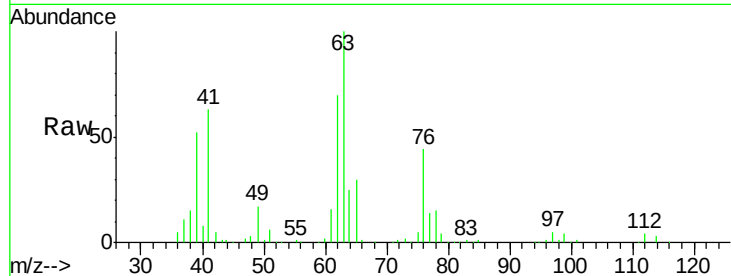
65 30.0 24.7 37.1

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#46

Dibromomethane

Concen: 22.04 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

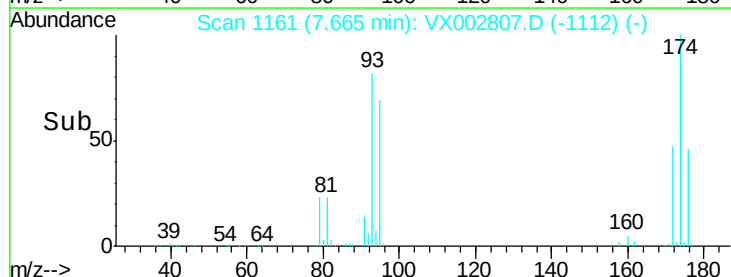
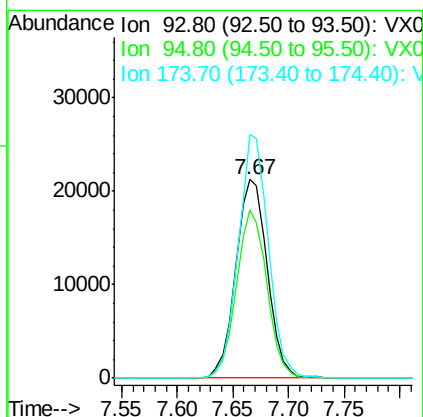
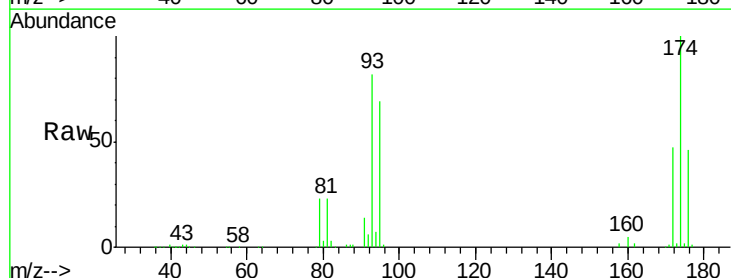
Tgt Ion: 93 Resp: 41684

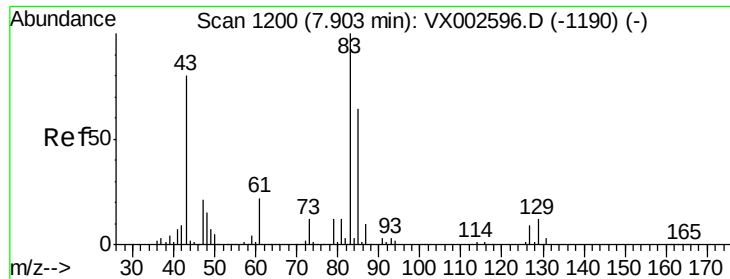
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 117.2 92.4 138.6





#47

Bromodichloromethane

Concen: 22.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

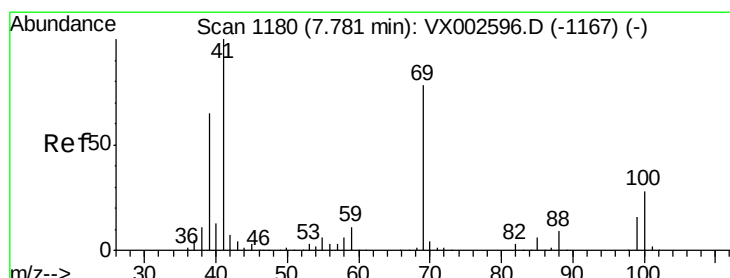
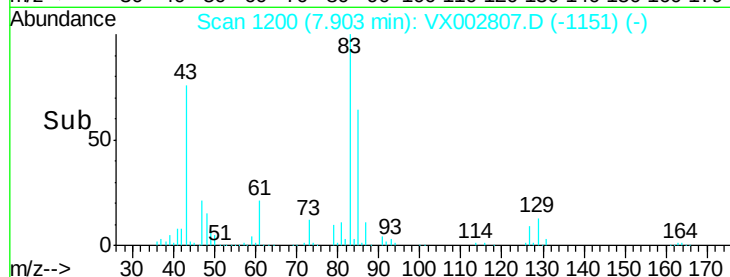
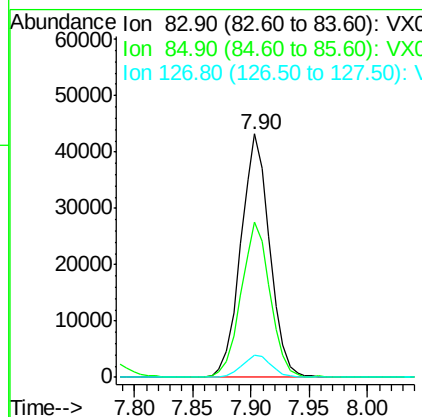
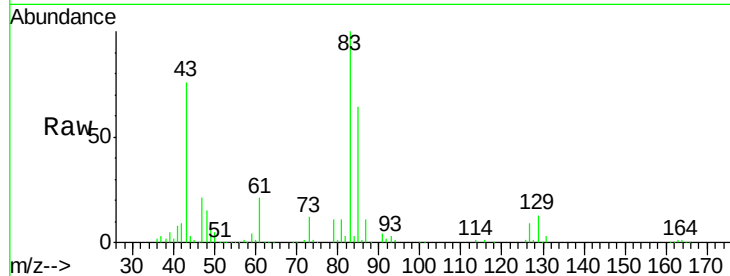
ClientSampleId :

VX0621WBSD02

Tot Ion:	83	Resp:	74522
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5
127	9.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.82 ug/l

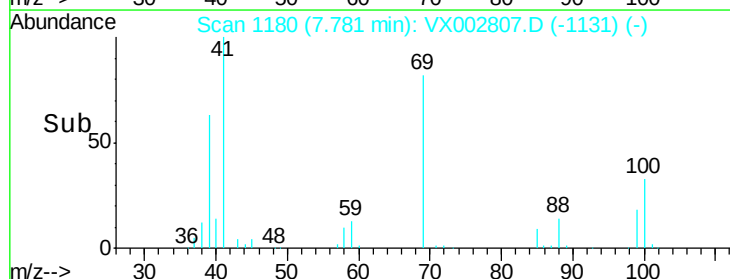
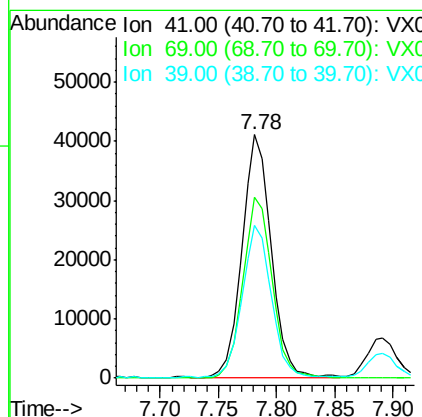
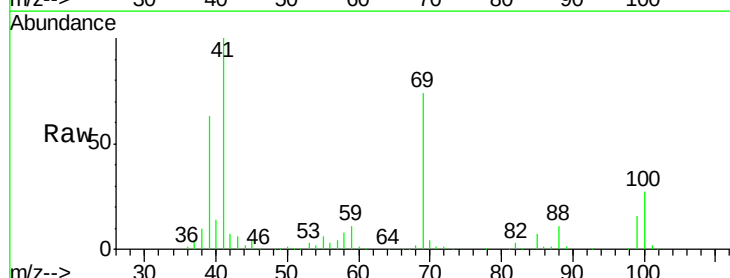
RT: 7.78 min Scan# 1180

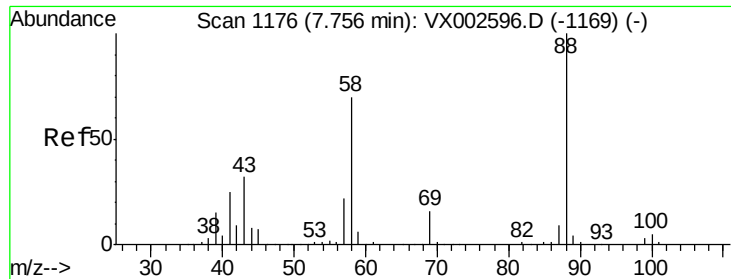
Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion:	41	Resp:	71504
Ion	Ratio	Lower	Upper
41	100		
69	75.3	59.1	88.7
39	63.1	48.9	73.3





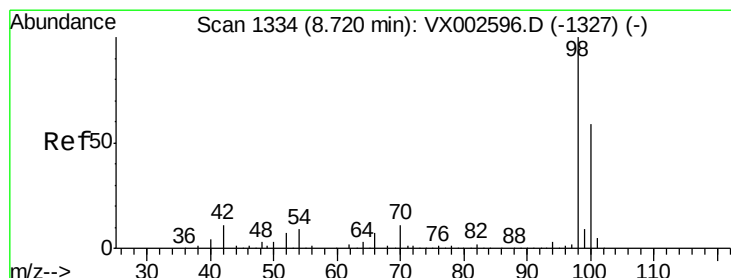
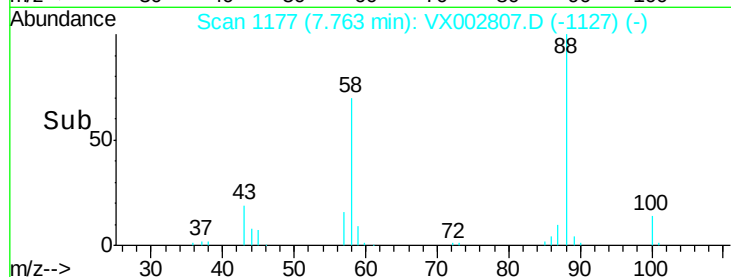
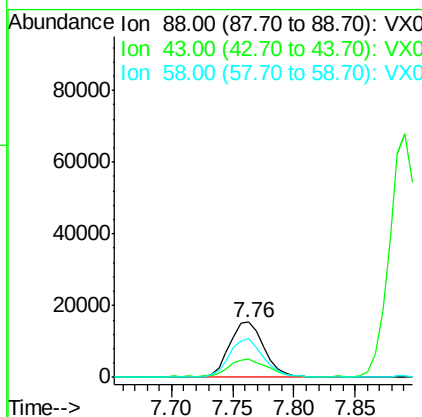
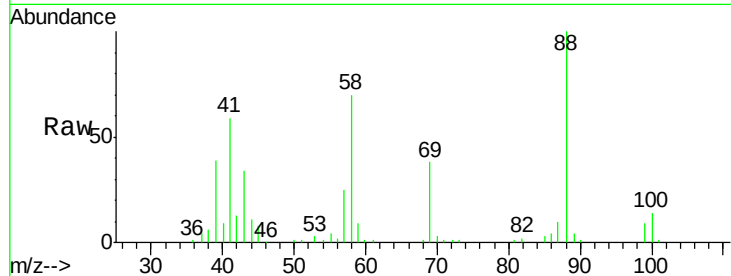
#49
1,4-Dioxane
Concen: 467.10 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.8	44.6
58	70.3	57.1	85.7

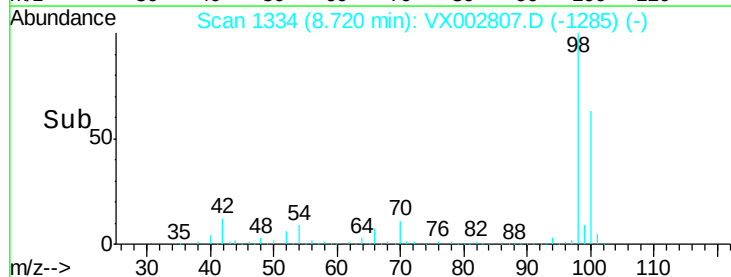
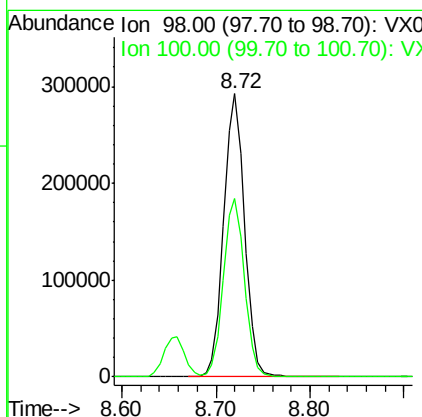
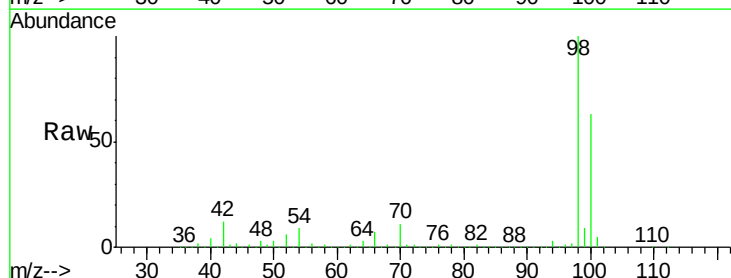
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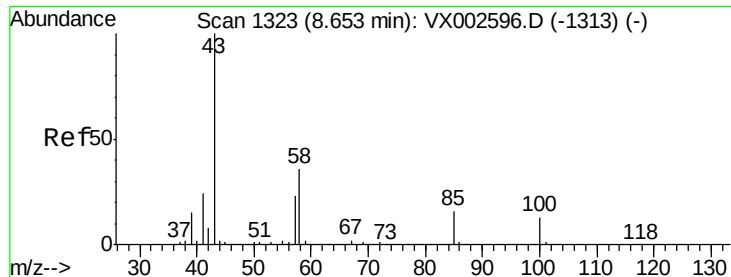
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#50
Toluene-d8
Concen: 43.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





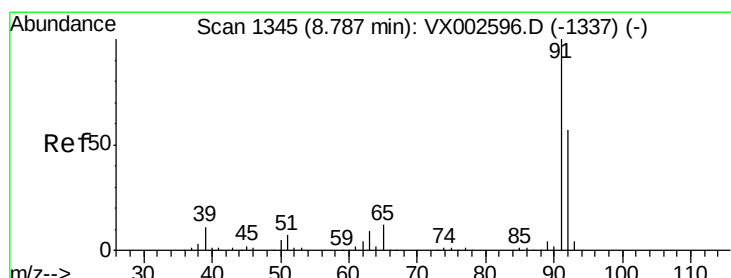
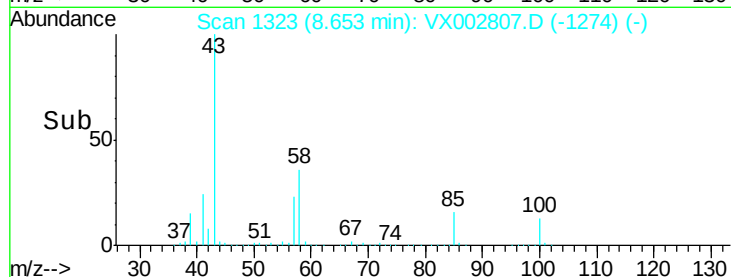
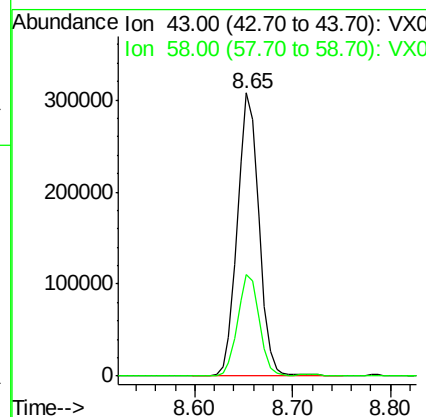
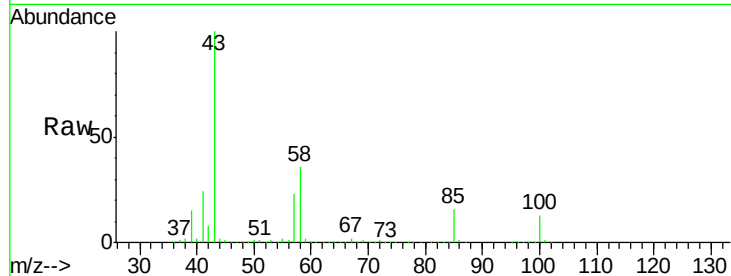
#51
4-Methyl-2-Pentanone
Concen: 109.71 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion: 43 Resp: 473306
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8

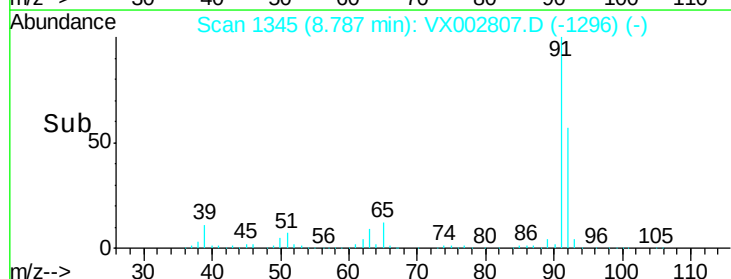
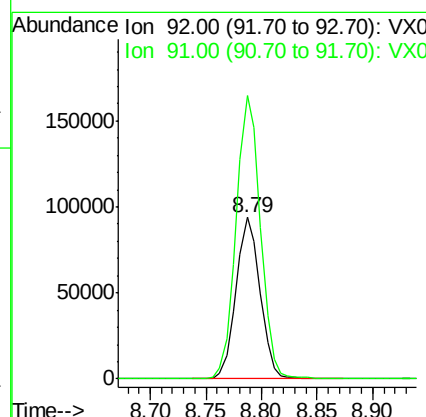
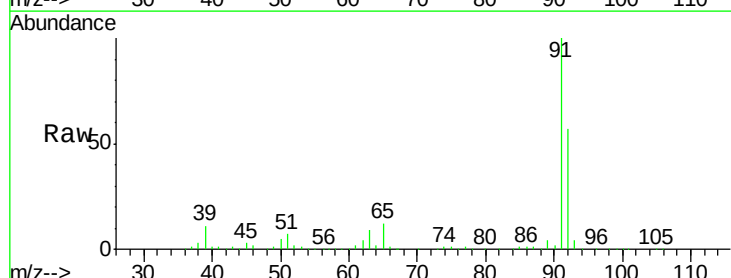
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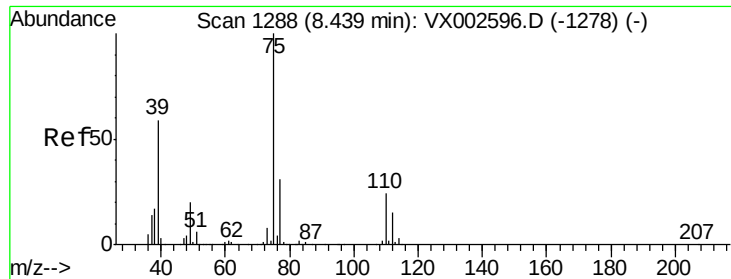
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#52
Toluene
Concen: 20.56 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 92 Resp: 140877
Ion Ratio Lower Upper
92 100
91 176.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampled :

VX0621WBSD02

Tot Ion: 75 Resp: 79427

Ion Ratio Lower Upper

75 100

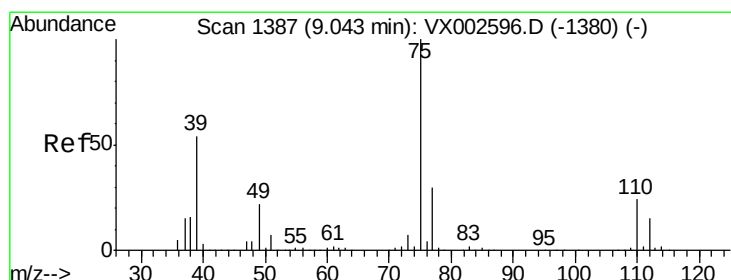
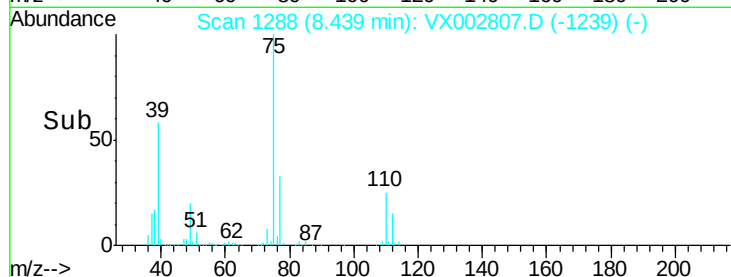
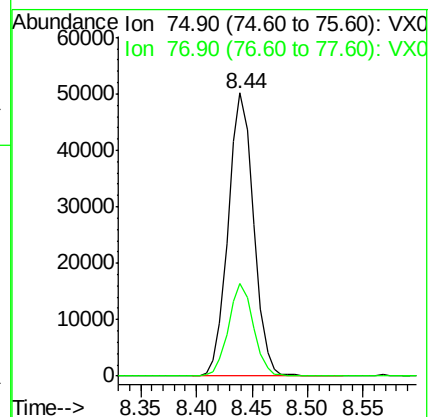
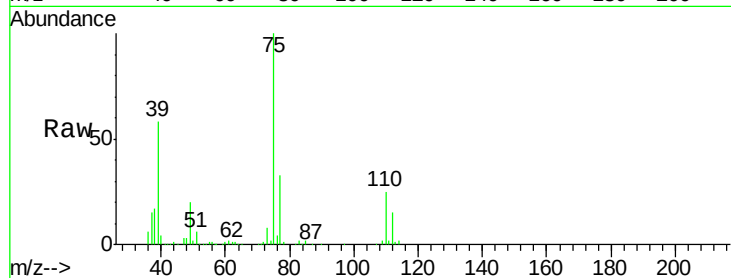
77 32.7 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.29 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

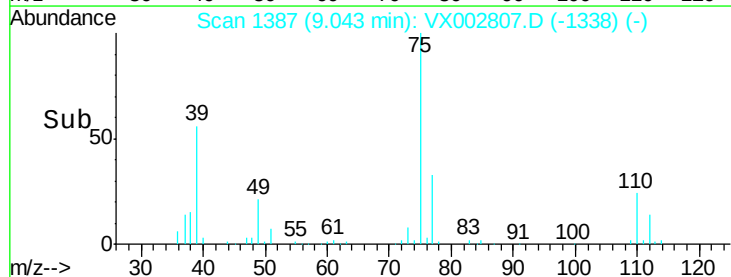
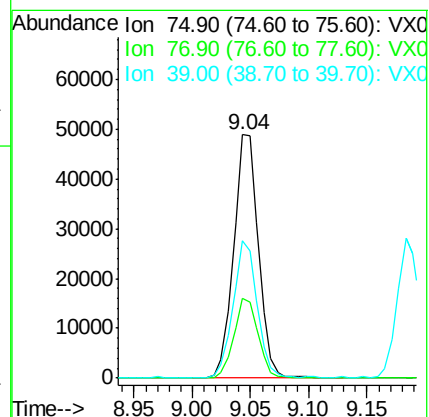
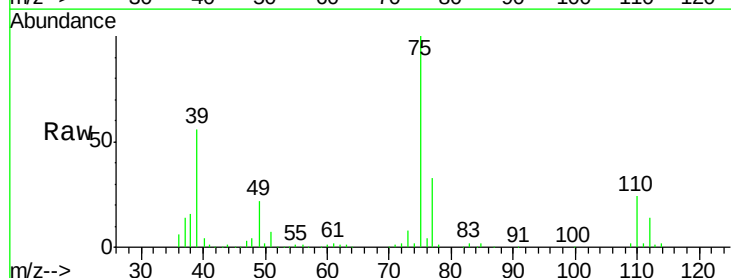
Tgt Ion: 75 Resp: 72401

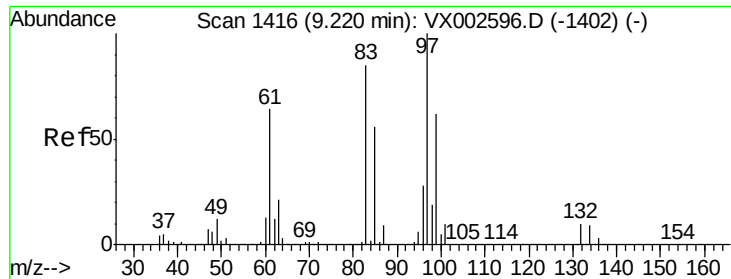
Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 56.1 42.4 63.6





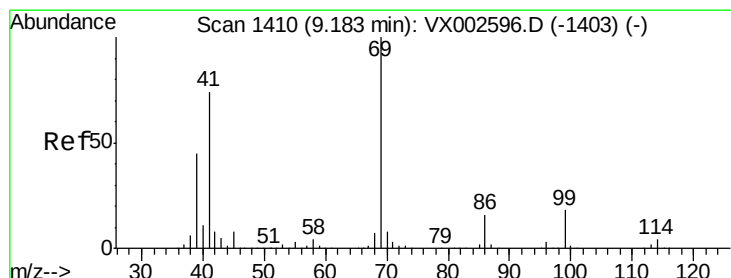
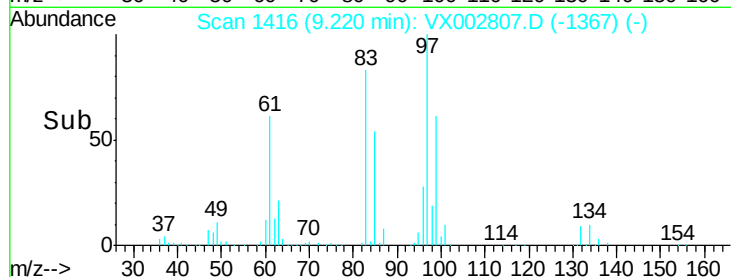
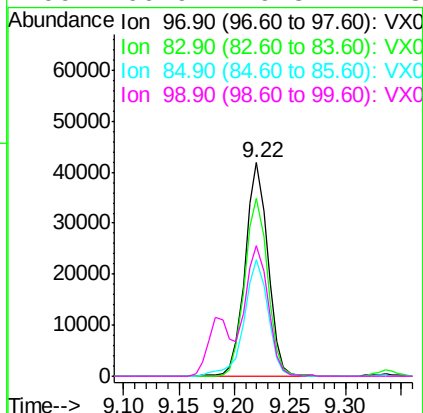
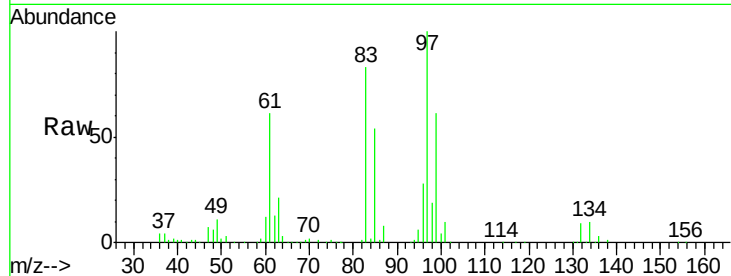
#55
 1,1,2-Trichloroethane
 Concen: 21.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD02

Tot Ion:	97	Resp:	59783
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.2
85	54.3	44.9	67.3
99	60.9	49.8	74.8

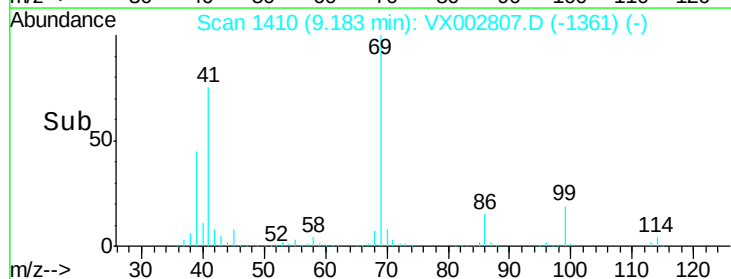
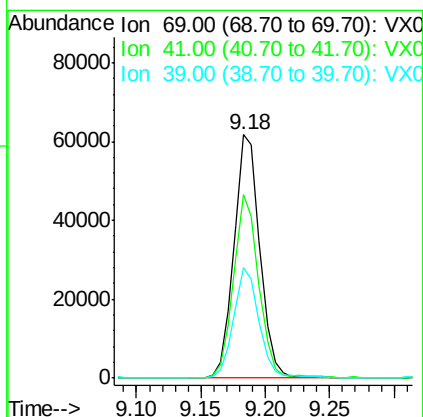
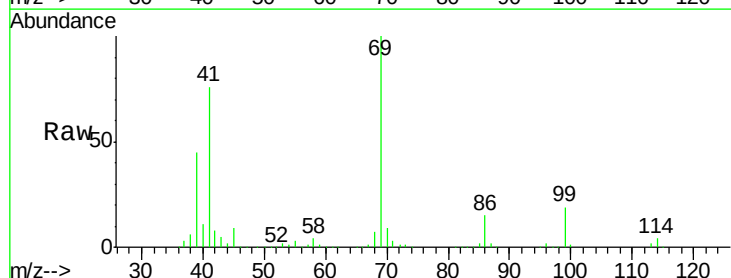
Manual Integrations
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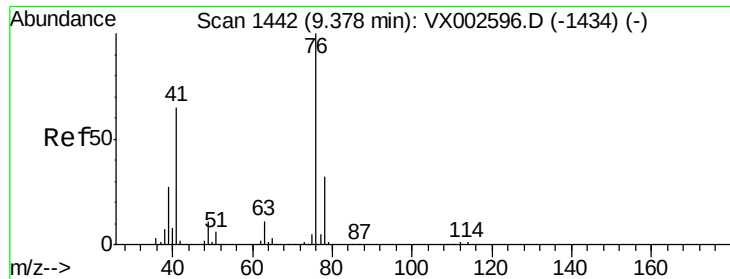
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#56
 Ethyl methacrylate
 Concen: 20.35 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion:	69	Resp:	86729
Ion	Ratio	Lower	Upper
69	100		
41	72.6	60.3	90.5
39	44.0	35.8	53.8





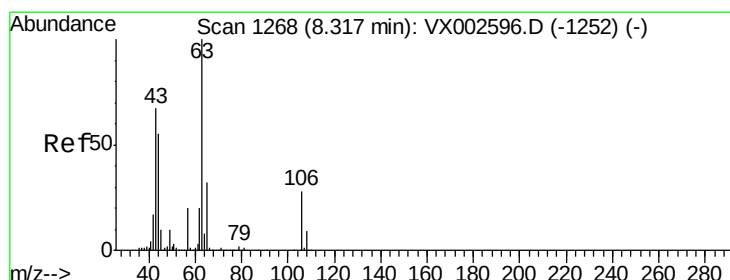
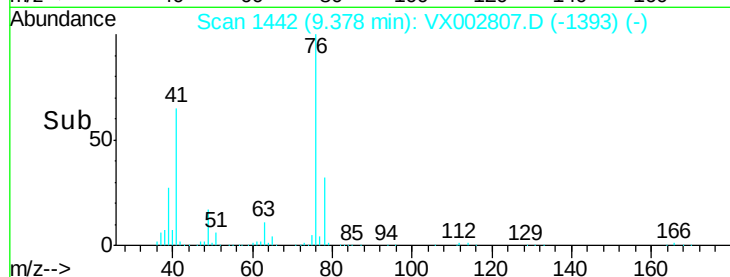
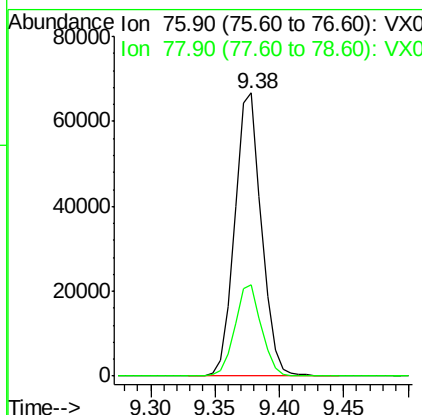
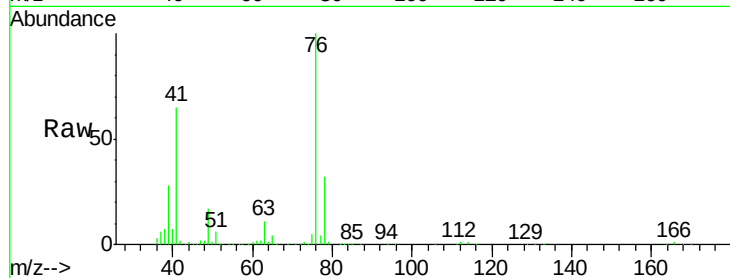
#57
 1,3-Dichloropropane
 Concen: 20.53 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD02

Tot Ion: 76 Resp: 96169
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6

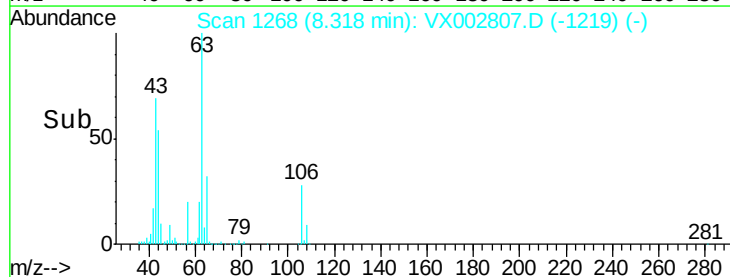
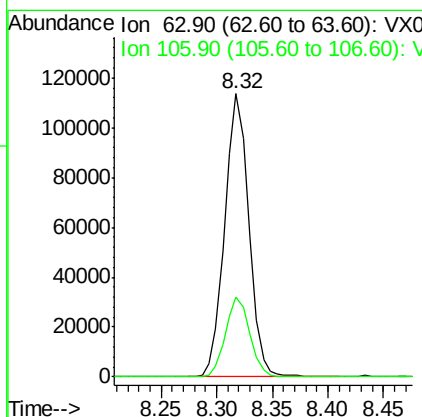
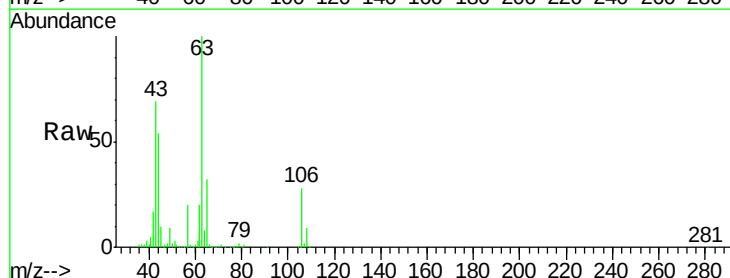
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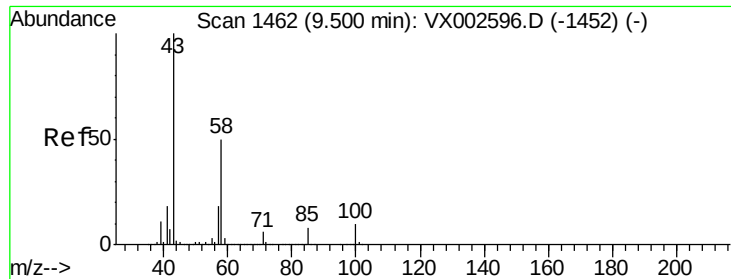
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#58
 2-Chloroethyl Vinyl ether
 Concen: 82.90 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion: 63 Resp: 170870
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8





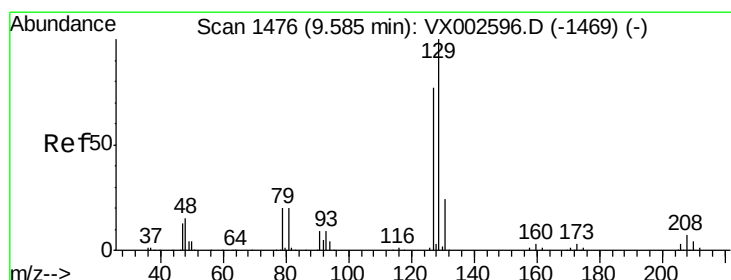
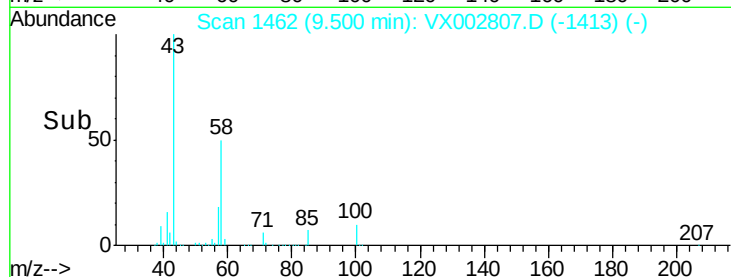
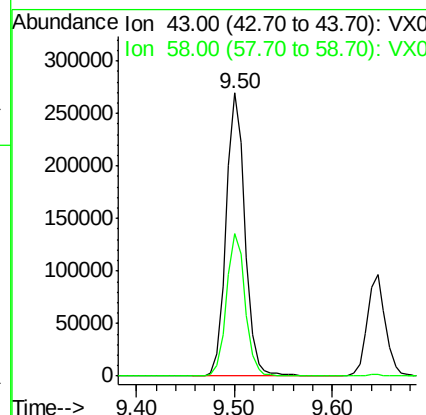
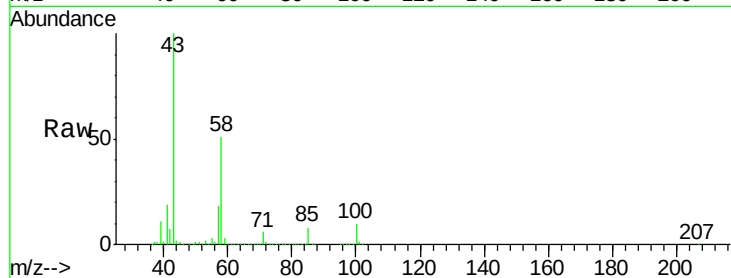
#59
2-Hexanone
Concen: 110.85 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion: 43 Resp: 360378
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

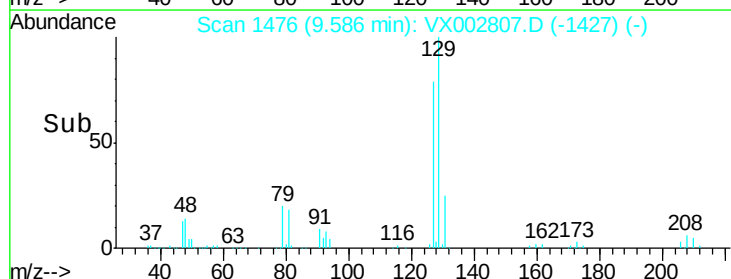
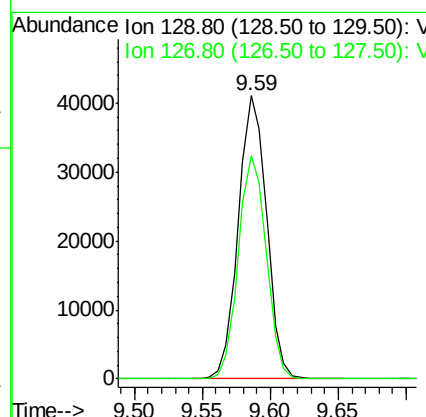
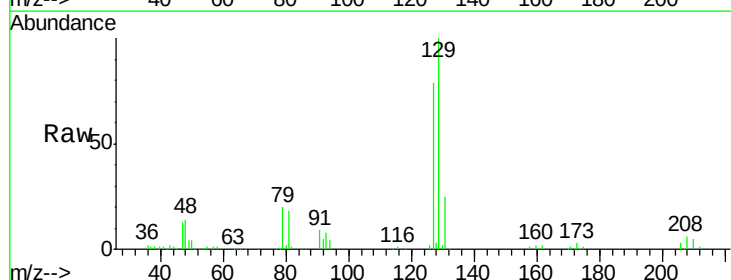
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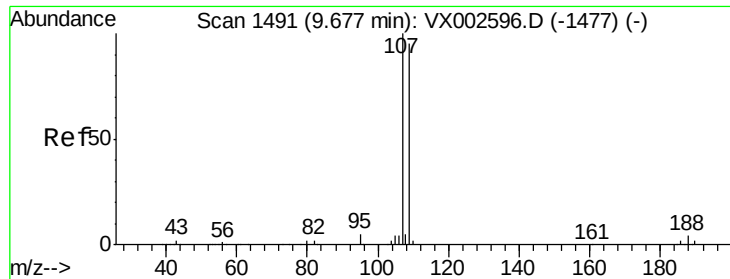
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#60
Dibromochloromethane
Concen: 21.47 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion: 129 Resp: 59646
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.70 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion:107 Resp: 62247

Ion Ratio Lower Upper

107 100

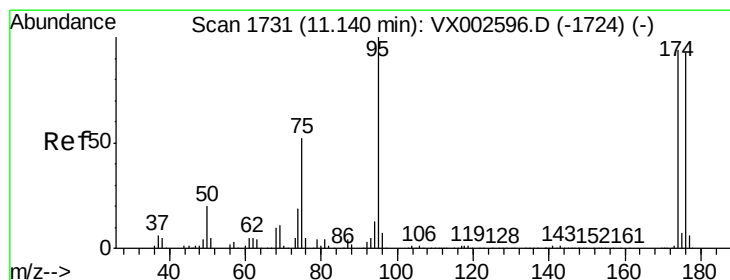
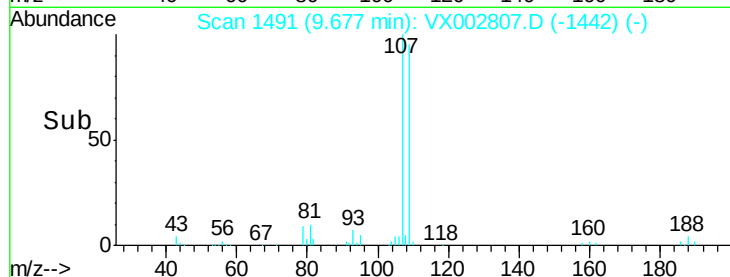
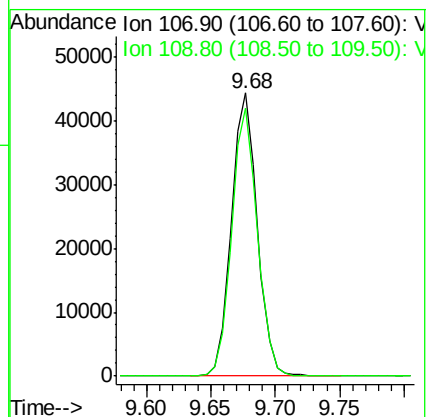
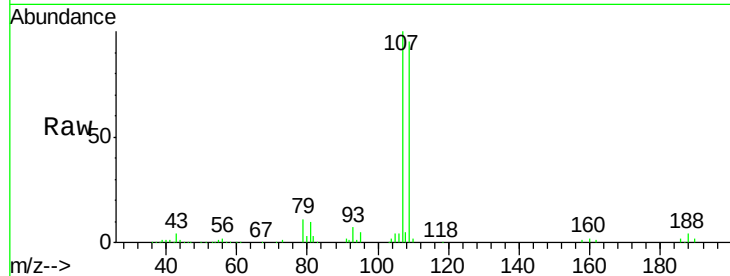
109 94.4 75.3 112.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 43.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

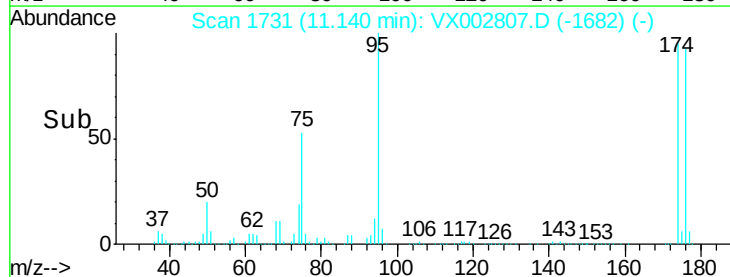
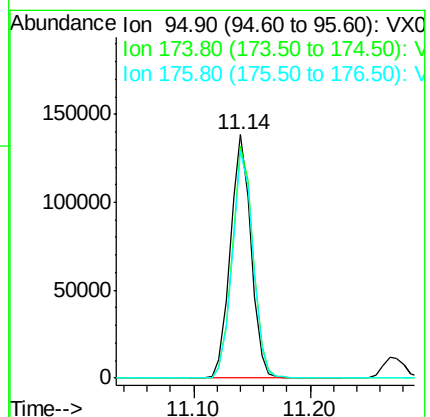
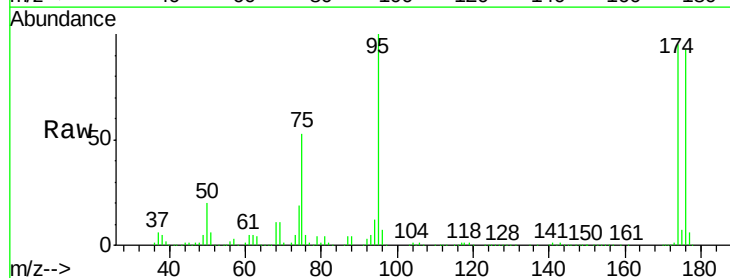
Tgt Ion: 95 Resp: 170132

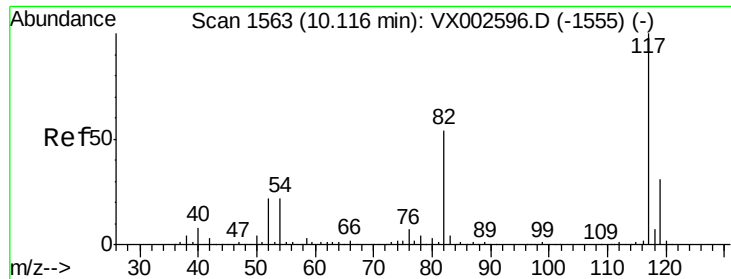
Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

176 94.0 0.0 181.0





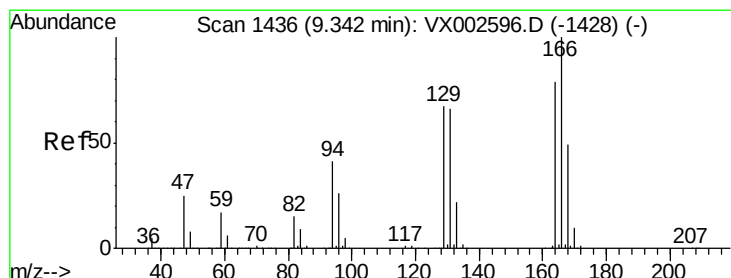
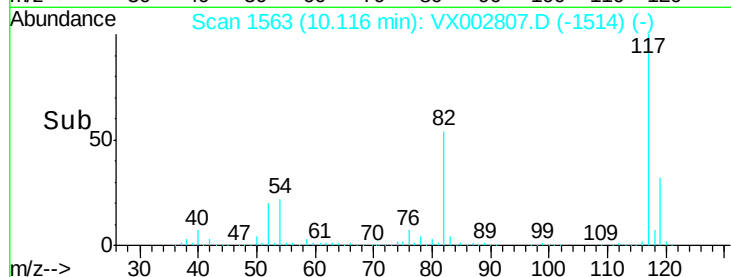
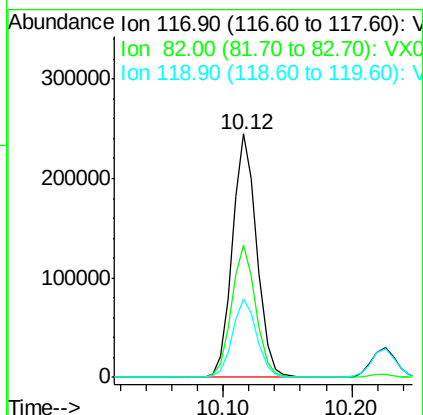
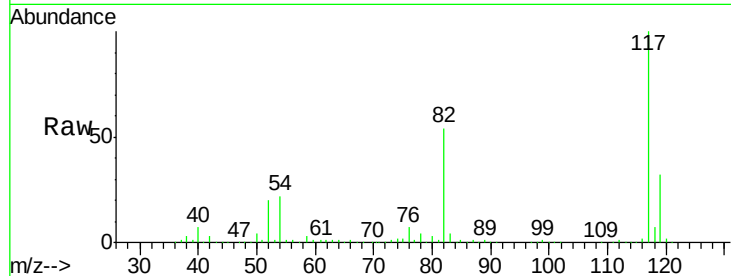
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	32.2	25.8	38.6

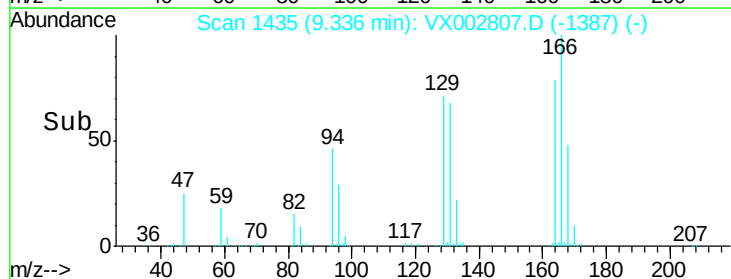
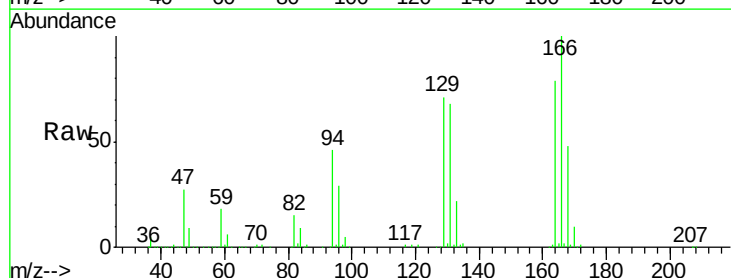
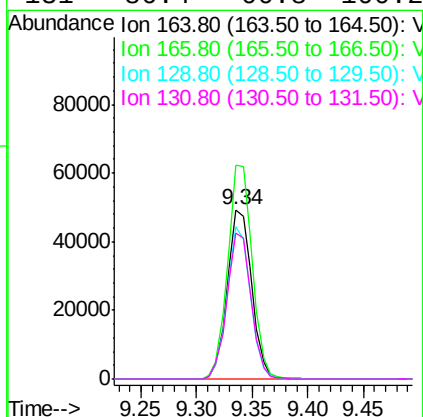
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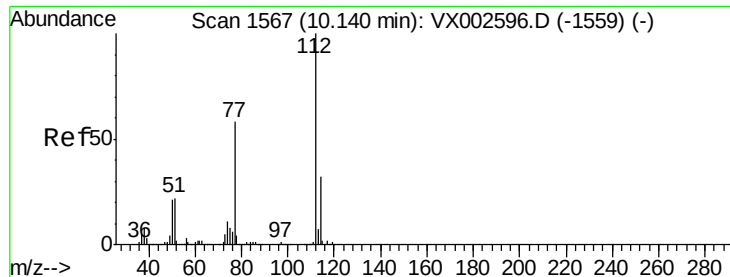
apatel
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#64
Tetrachloroethene
Concen: 20.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.9	154.3
129	90.1	68.6	102.8
131	86.4	66.8	100.2





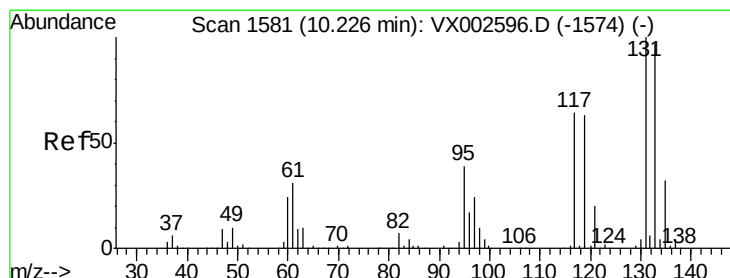
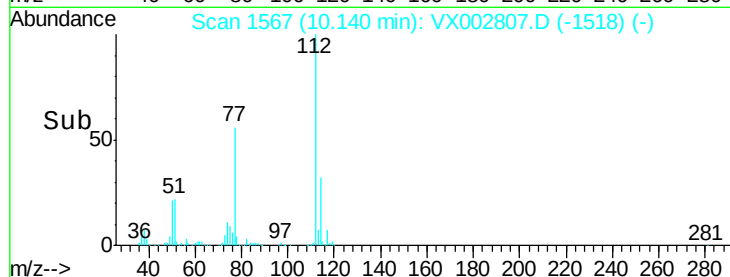
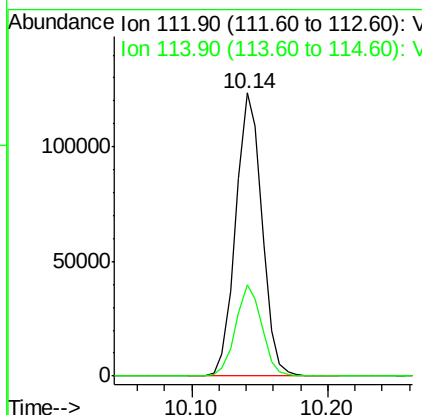
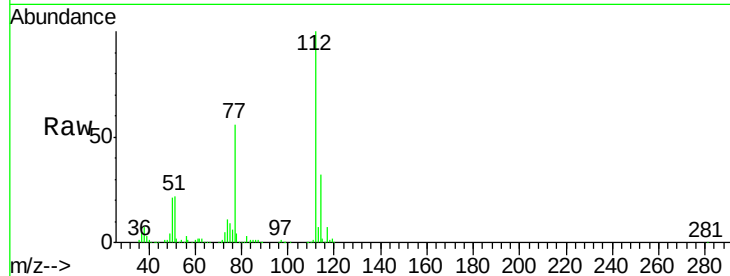
#65
Chlorobenzene
Concen: 20.90 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion:112 Resp: 166004
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

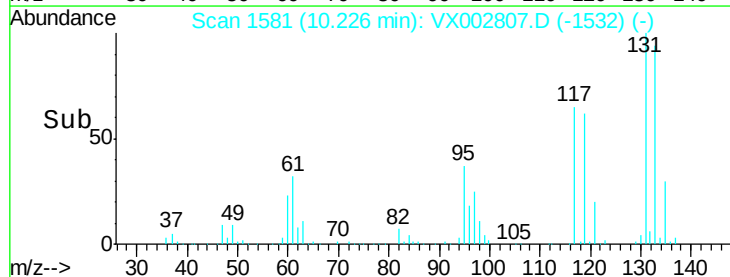
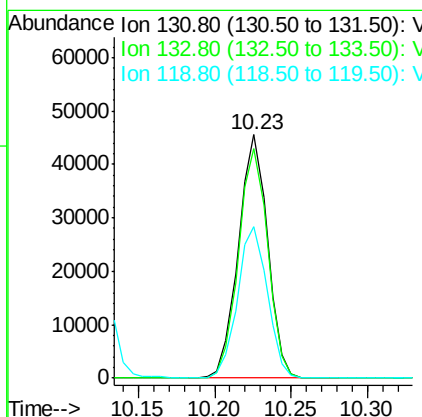
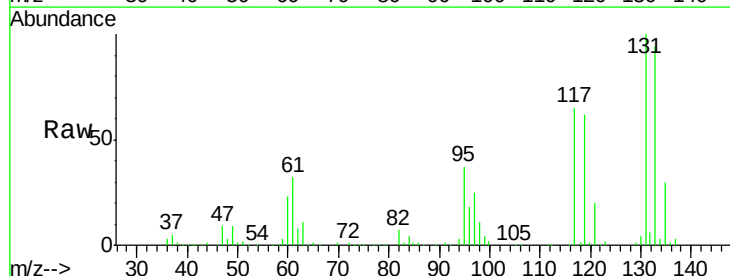
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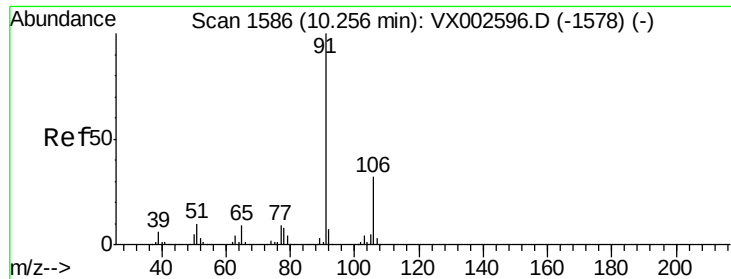
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.31 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion:131 Resp: 60418
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 20.54 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampled :

VX0621WBSD02

Tot Ion: 91 Resp: 275159

Ion Ratio Lower Upper

91 100

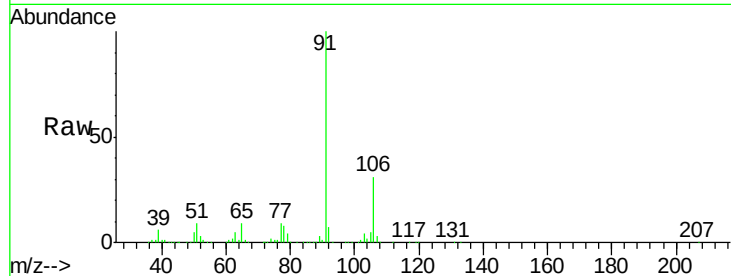
106 30.9 25.5 38.3

Manual Integrations

APPROVED

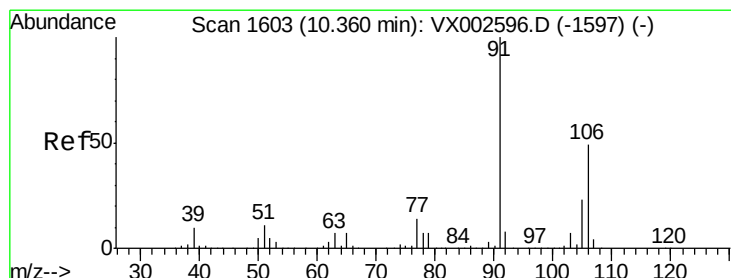
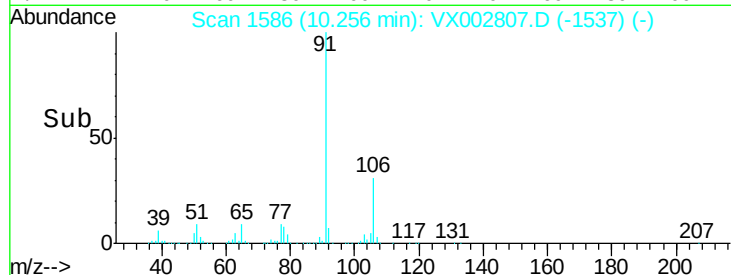
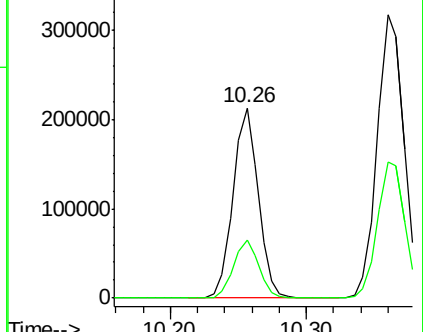
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX002596.D (-1578) (-)



#68

m/p-Xylenes

Concen: 41.41 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002807.D

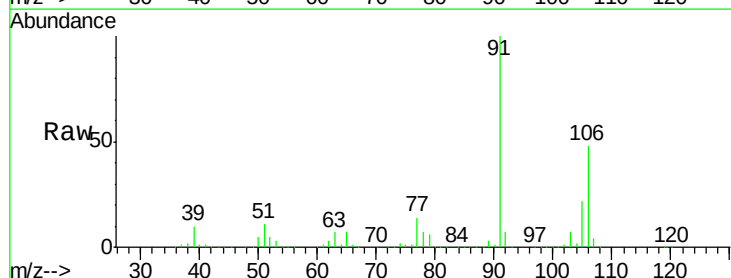
Acq: 22 Jun 2018 00:28

Tgt Ion: 106 Resp: 213960

Ion Ratio Lower Upper

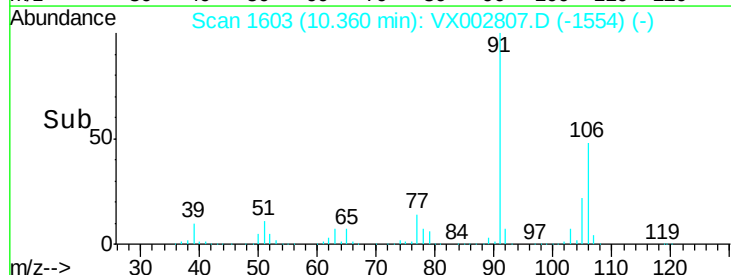
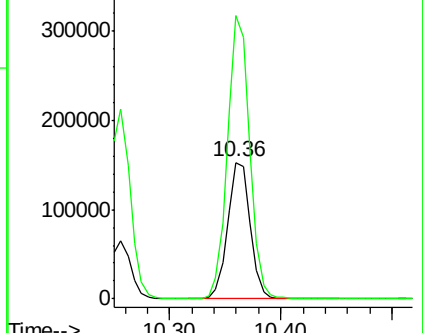
106 100

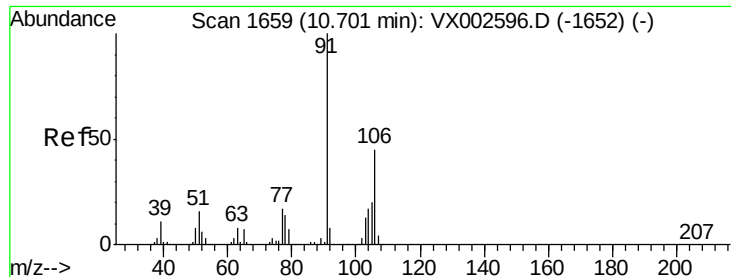
91 204.1 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX002596.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX002596.D (-1597) (-)





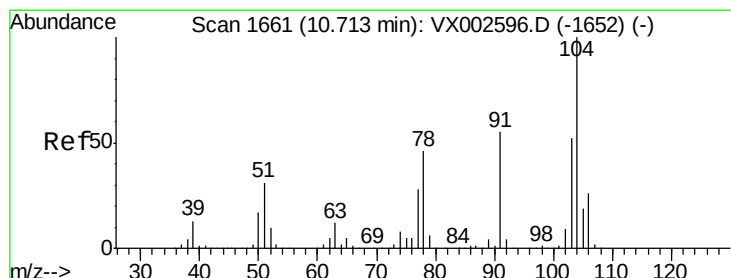
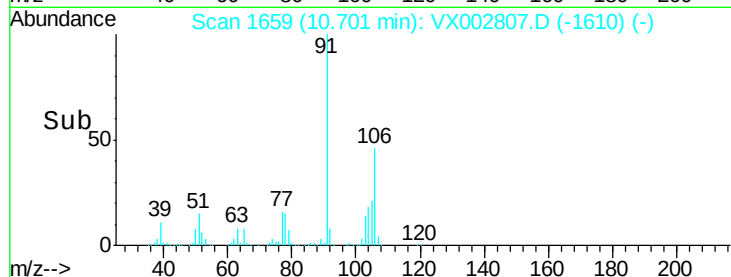
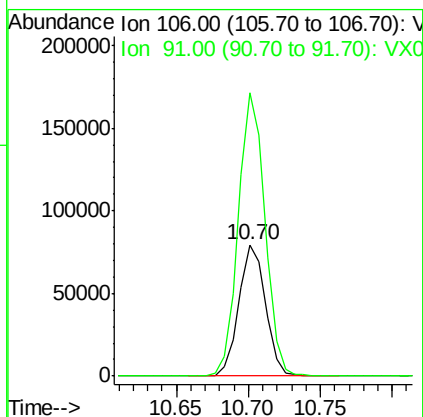
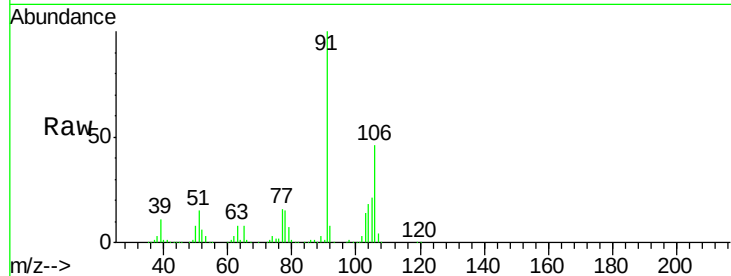
#69
o-Xylene
Concen: 20.17 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.0	108.2	324.6

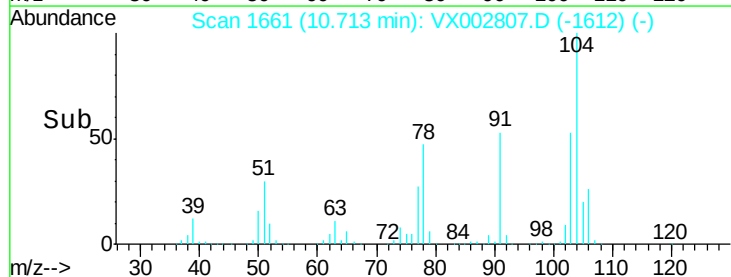
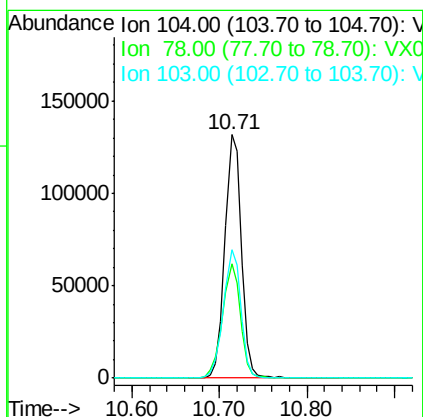
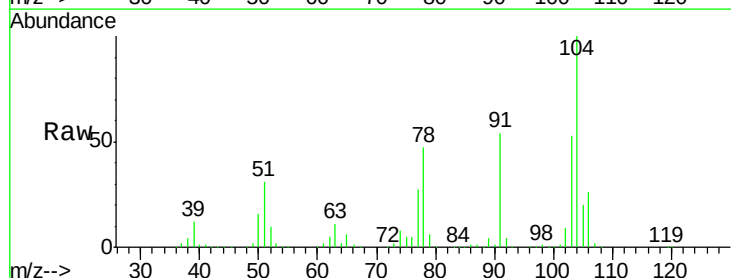
Manual Integrations
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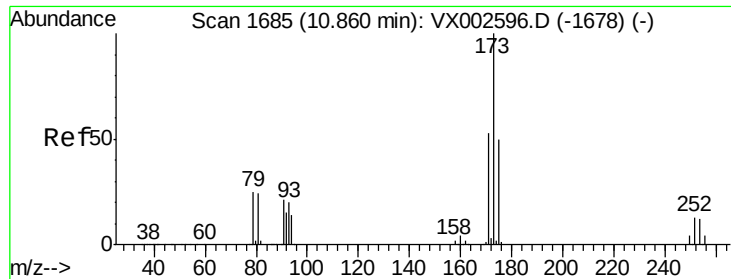
apatel
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#70
Styrene
Concen: 20.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.0	61.6
103	56.3	44.2	66.4





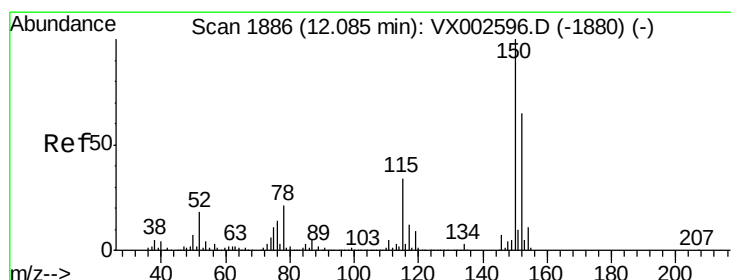
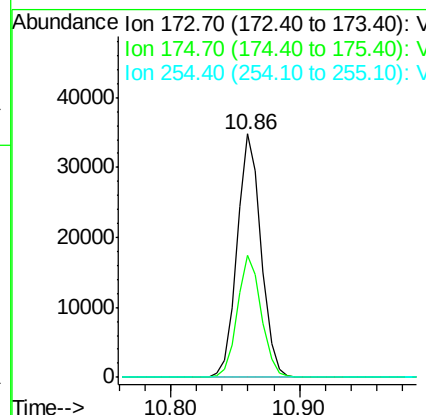
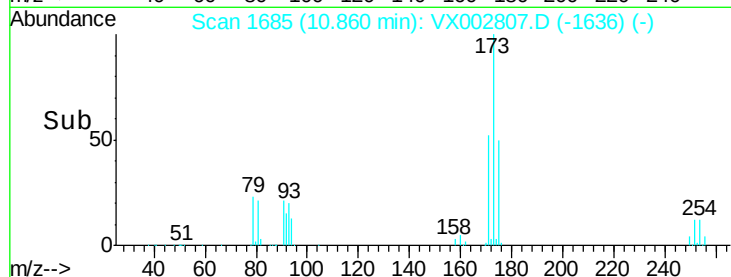
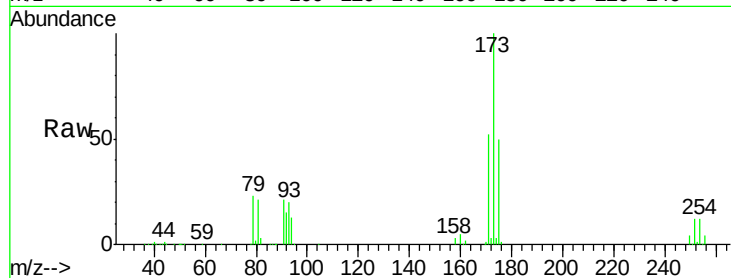
#71
Bromoform
Concen: 21.38 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.7	74.1
254	0.2	0.2	0.2

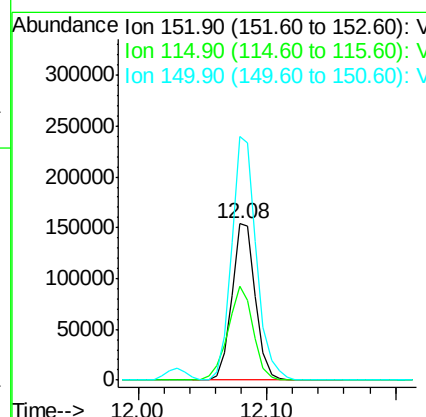
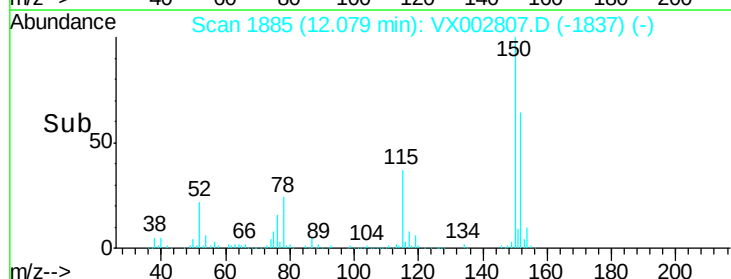
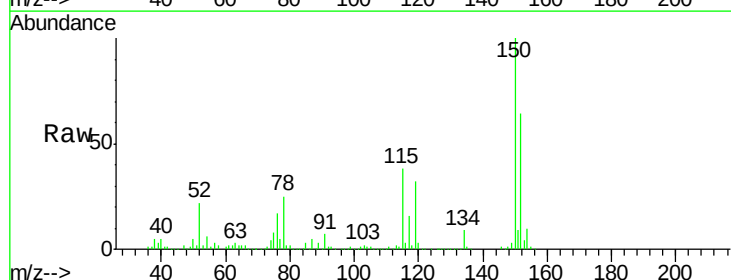
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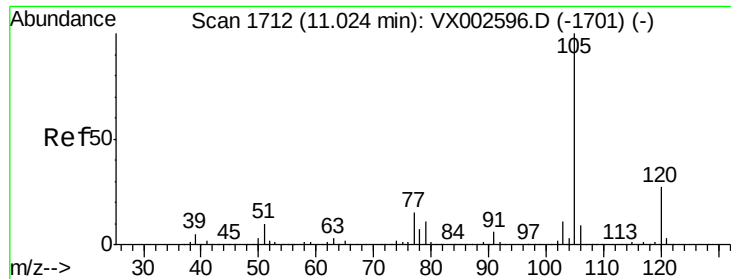
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	40.1	120.2
150	164.1	0.0	347.2





#73

Isopropylbenzene

Concen: 21.50 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleID :

VX0621WBSD02

Tot Ion: 105 Resp: 282792

Ion Ratio Lower Upper

105 100

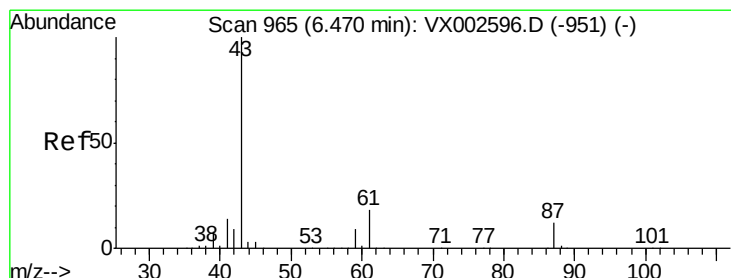
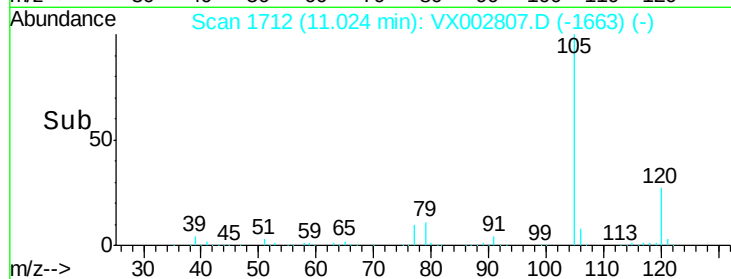
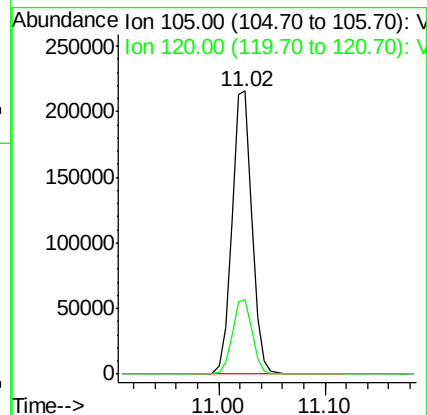
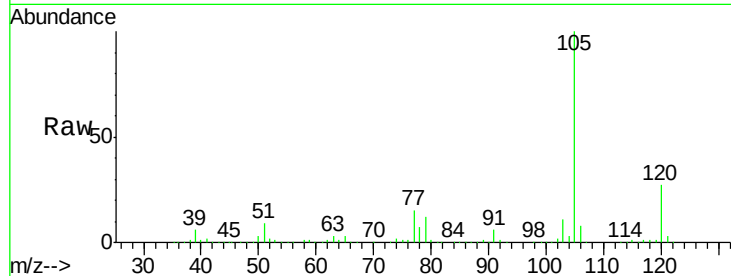
120 26.5 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion: 43 Resp: 136260

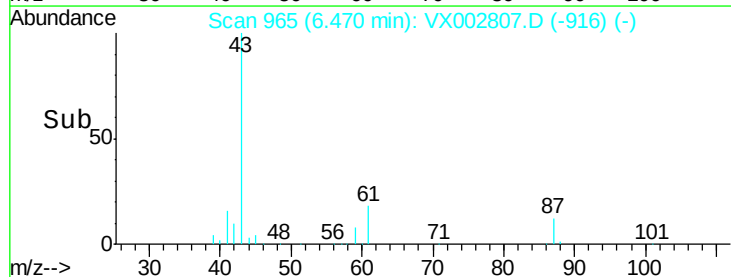
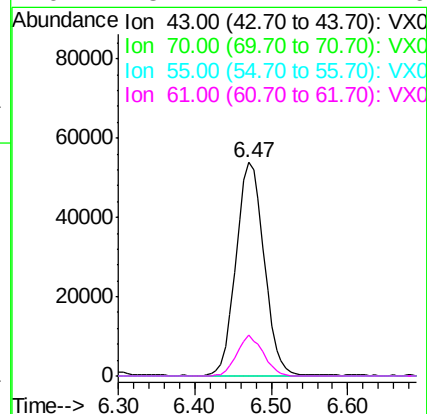
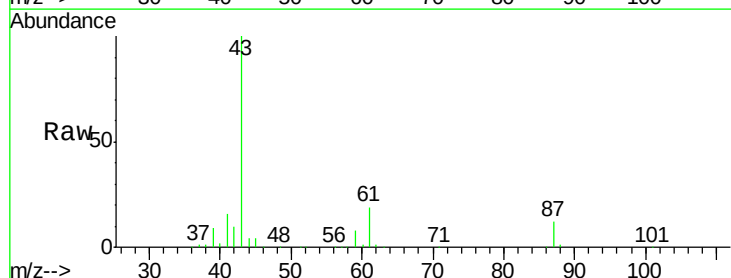
Ion Ratio Lower Upper

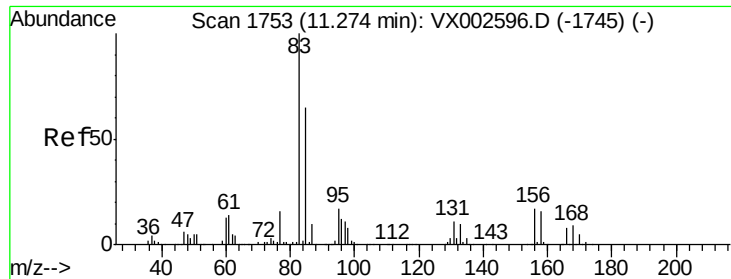
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

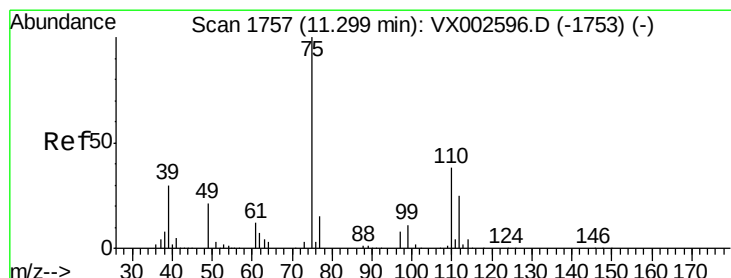
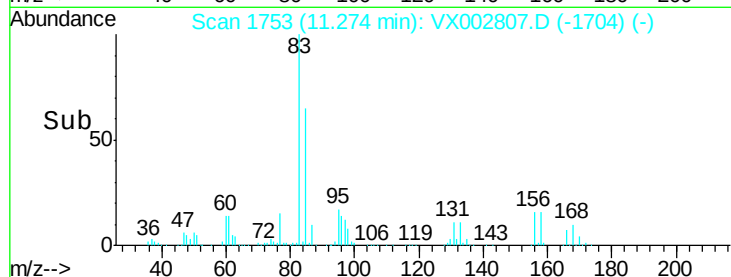
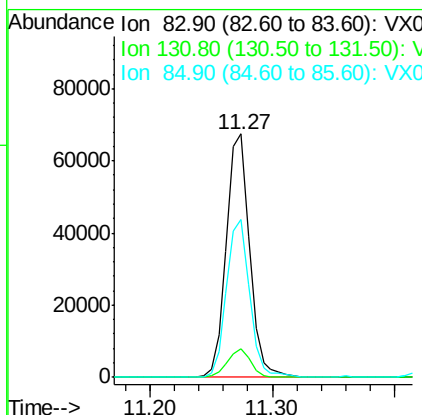
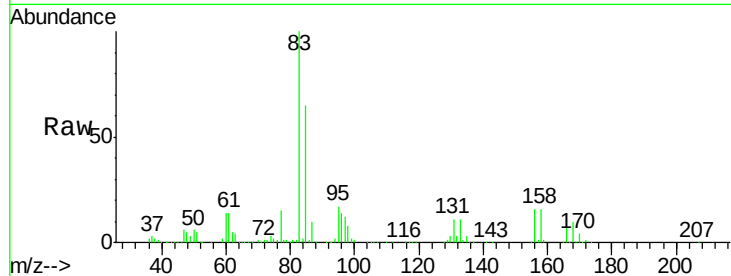
ClientSampleId :

VX0621WBSD02

Tot Ion:	83	Resp:	88756
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.6	16.8
85	64.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.51 ug/l m

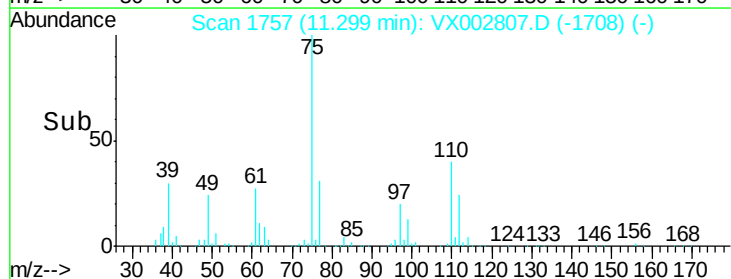
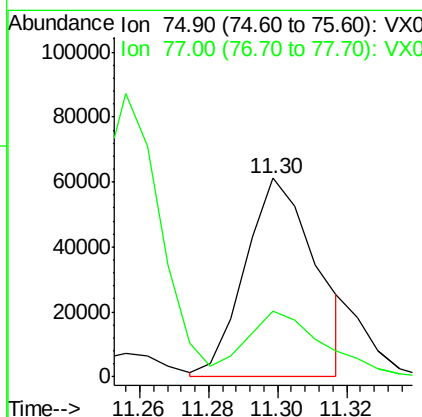
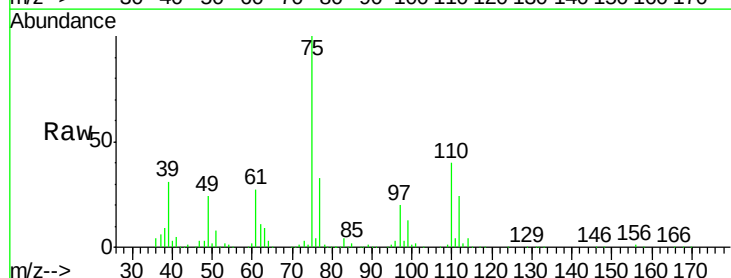
RT: 11.30 min Scan# 1757

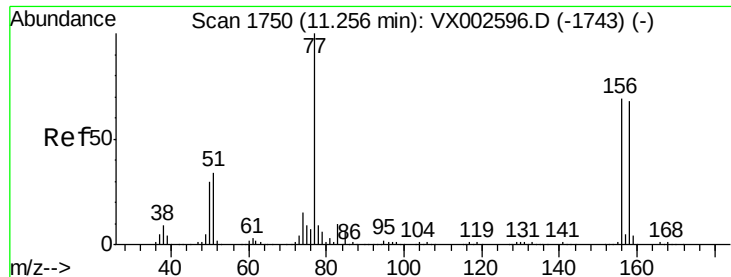
Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion:	75	Resp:	87231
Ion	Ratio	Lower	Upper
75	100		
77	36.3	22.8	68.3





#77

Bromobenzene

Concen: 21.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion:156 Resp: 79667

Ion Ratio Lower Upper

156 100

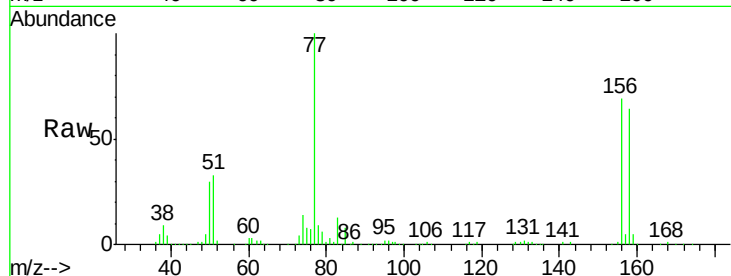
77 138.1 71.4 214.2

158 96.2 48.9 146.6

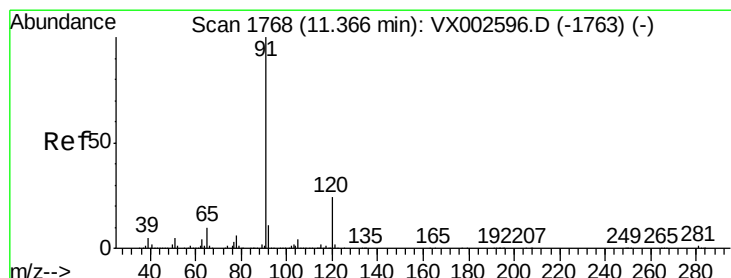
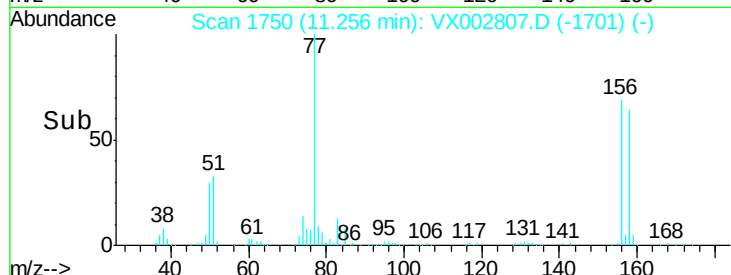
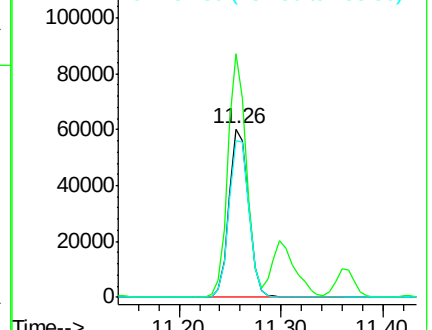
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.78 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002807.D

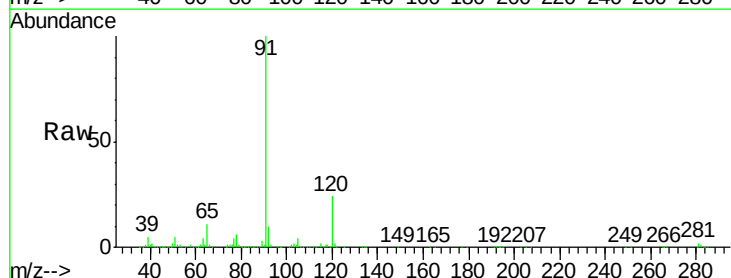
Acq: 22 Jun 2018 00:28

Tgt Ion: 91 Resp: 313517

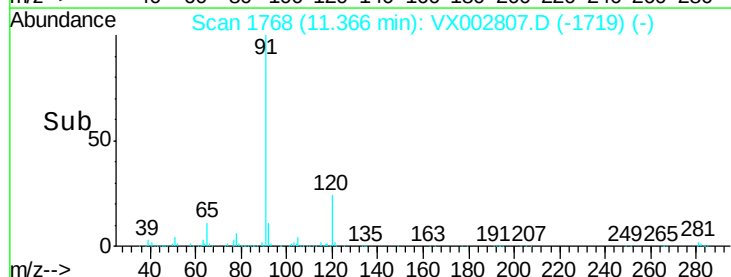
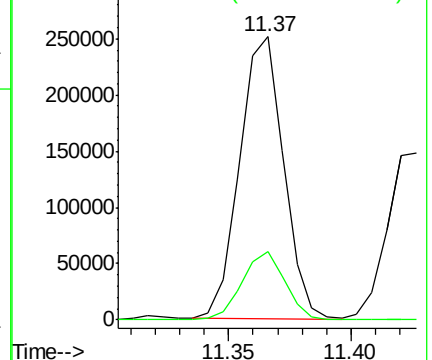
Ion Ratio Lower Upper

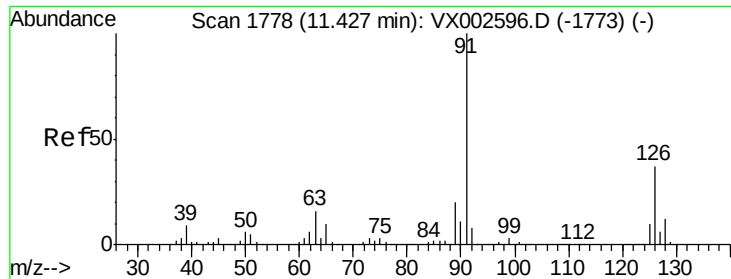
91 100

120 24.0 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: 21.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 91 Resp: 191376

Ion Ratio Lower Upper

91 100

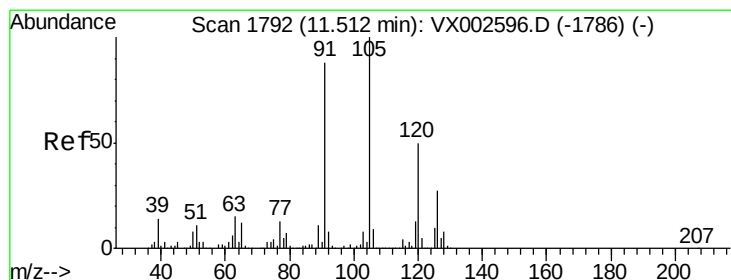
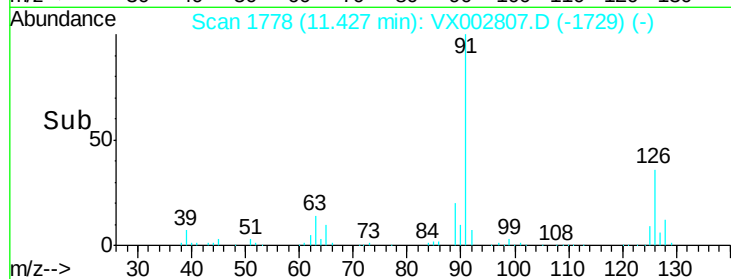
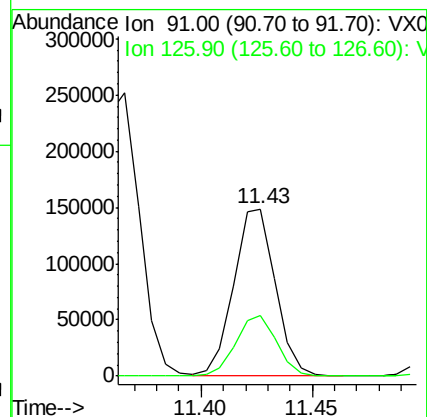
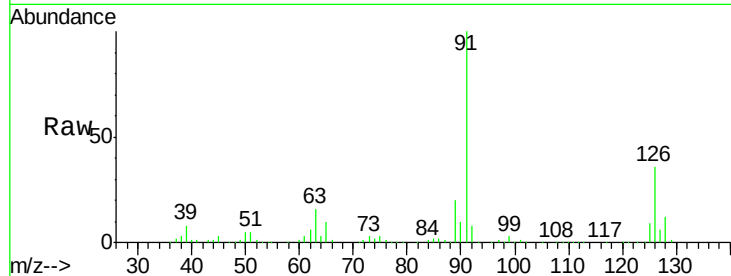
126 36.3 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002807.D

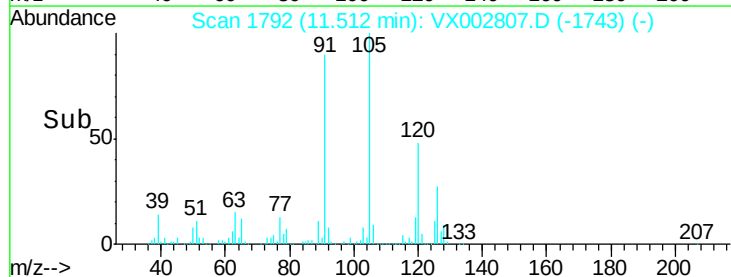
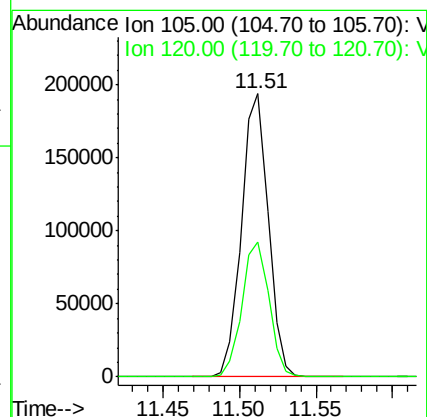
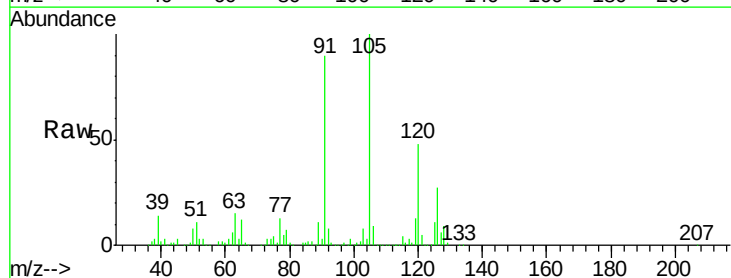
Acq: 22 Jun 2018 00:28

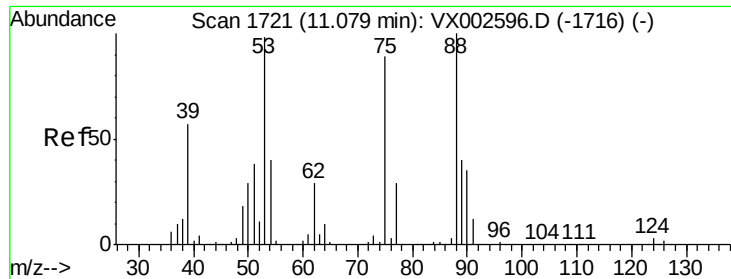
Tgt Ion: 105 Resp: 235438

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4





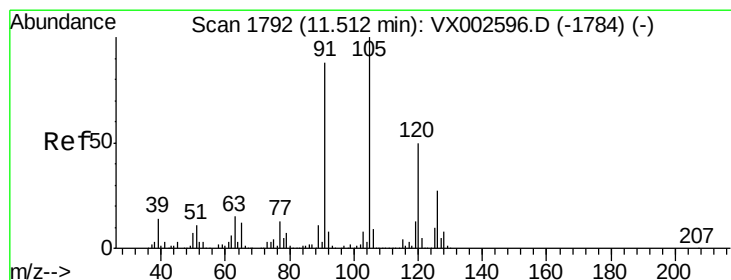
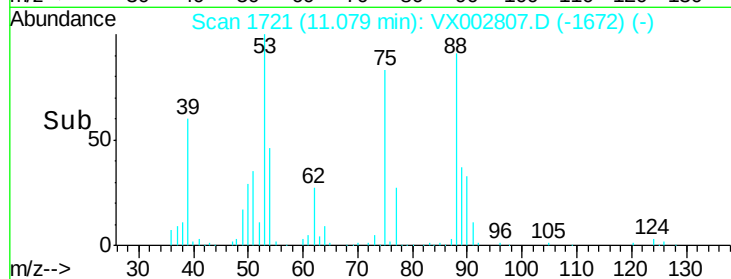
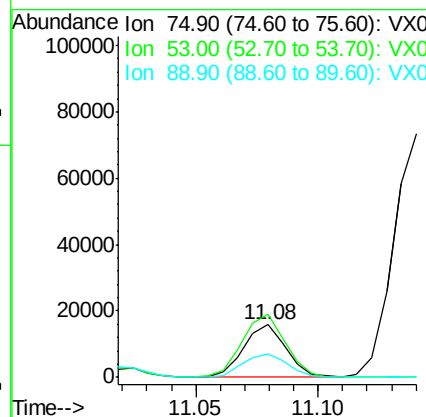
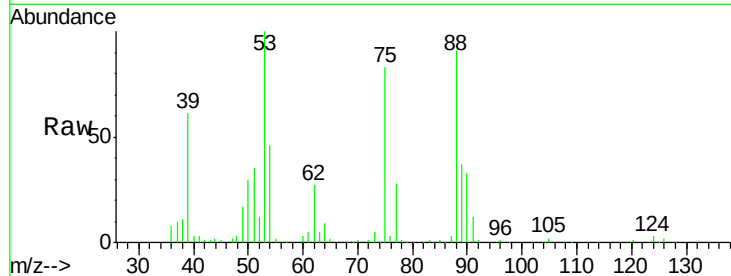
#81
trans-1,4-Dichloro-2-butene
Concen: 19.44 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	120.1	86.8	130.2
89	47.2	38.2	57.2

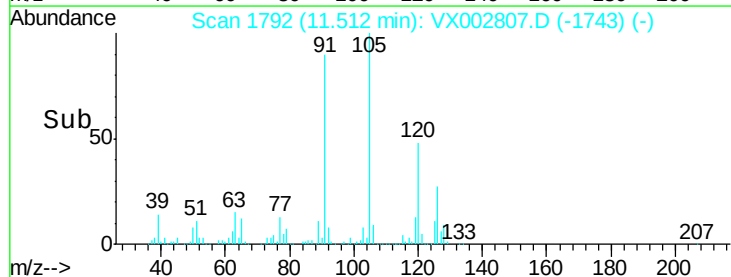
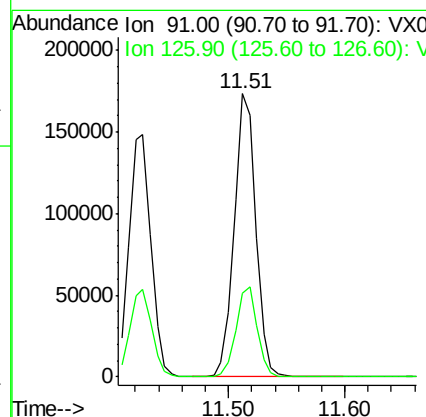
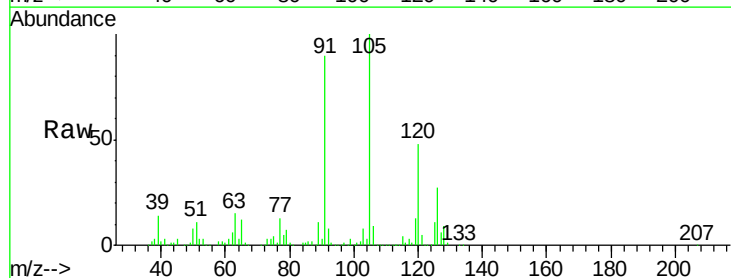
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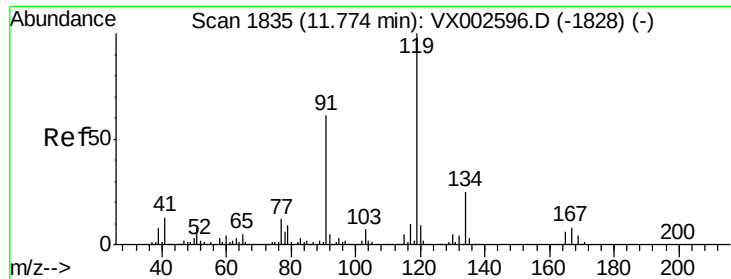
apatel
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#82
4-Chlorotoluene
Concen: 21.08 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





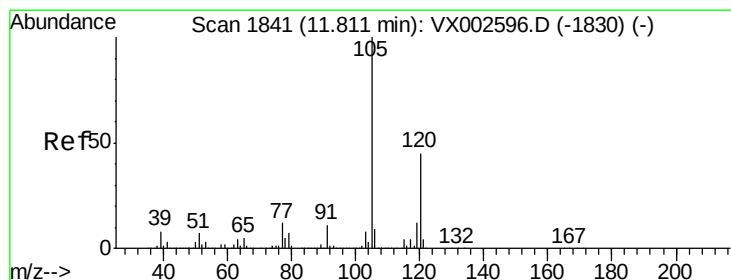
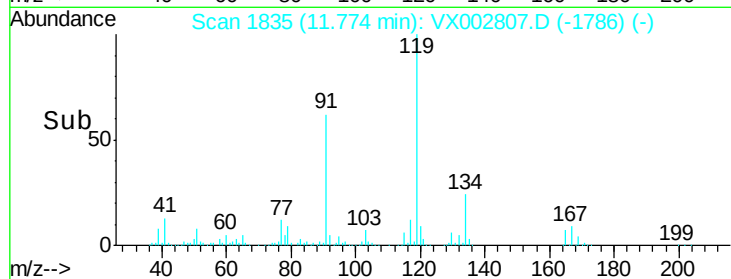
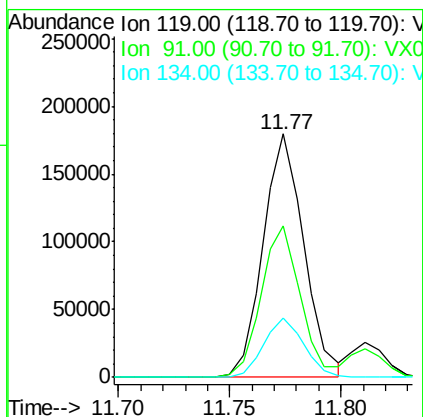
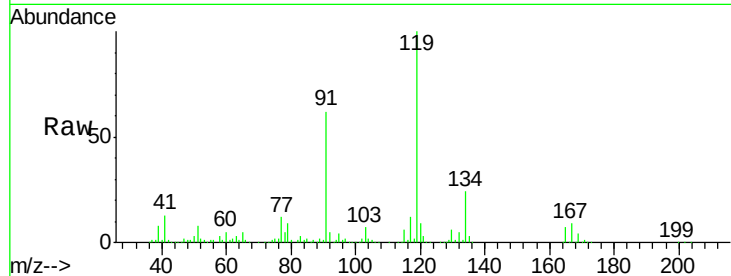
#83
 tert-Butylbenzene
 Concen: 21.31 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.3	90.9
134	24.0	11.7	35.1

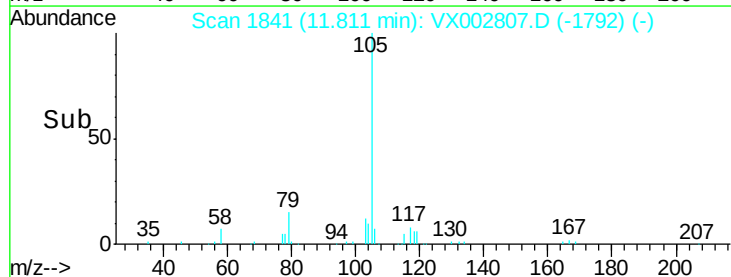
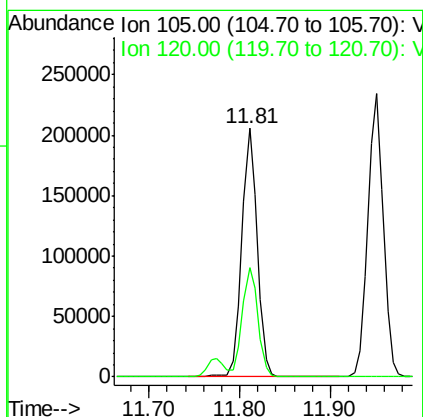
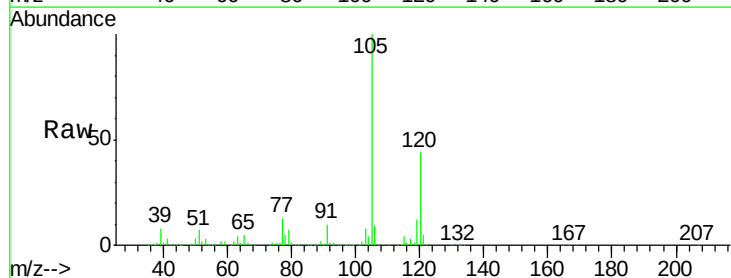
Manual Integrations
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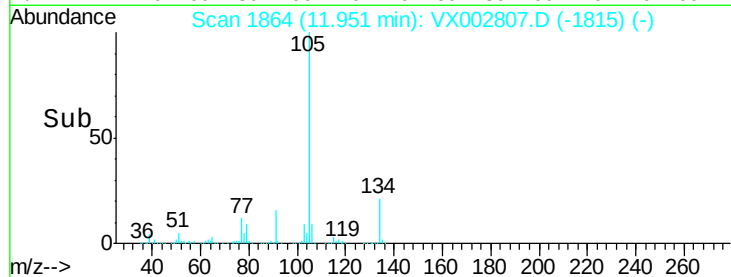
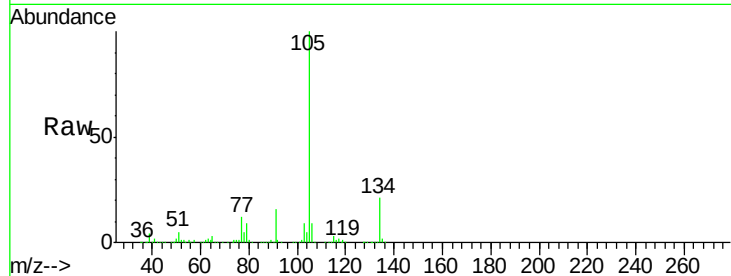
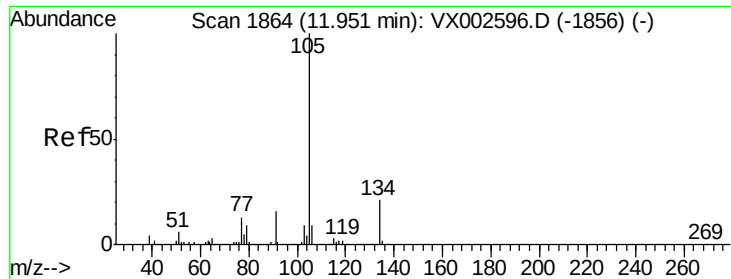
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.39 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.92 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tot Ion:105 Resp: 278554

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1

Instrument :

MSVOA_X

ClientSampleId :

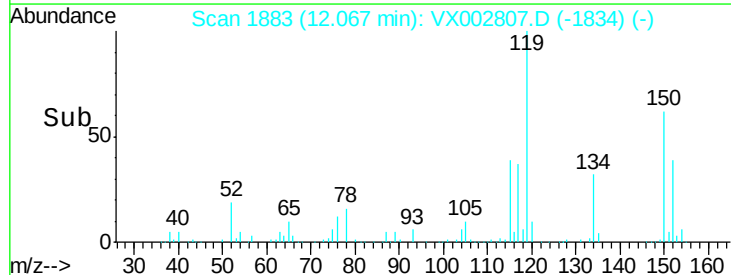
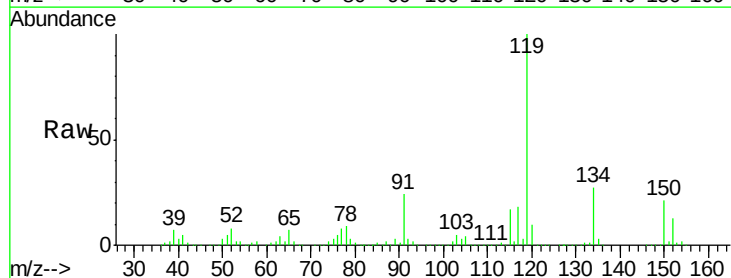
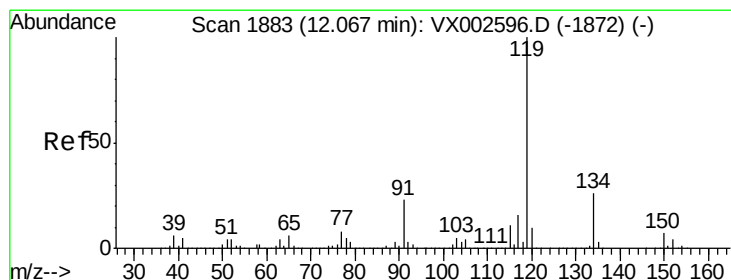
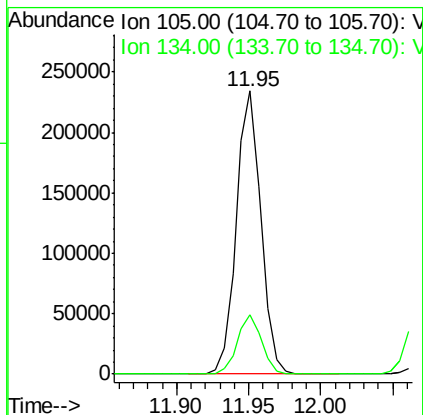
VX0621WBSD02

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#86

p-Isopropyltoluene

Concen: 20.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

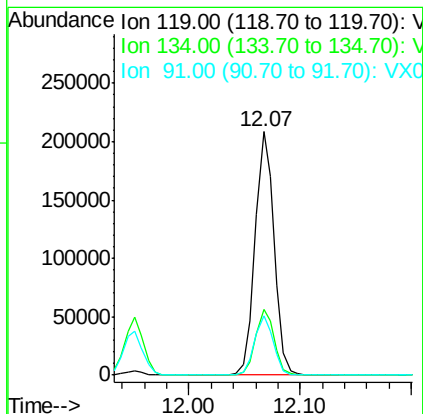
Tgt Ion:119 Resp: 247502

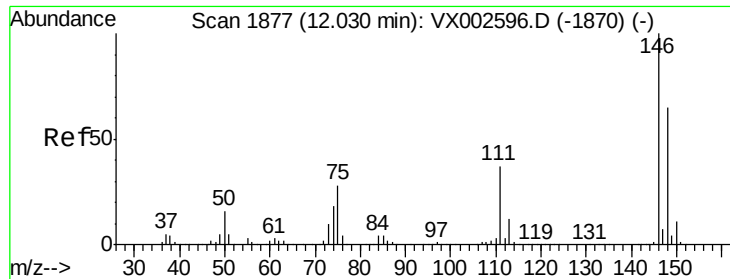
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 24.0 11.9 35.7





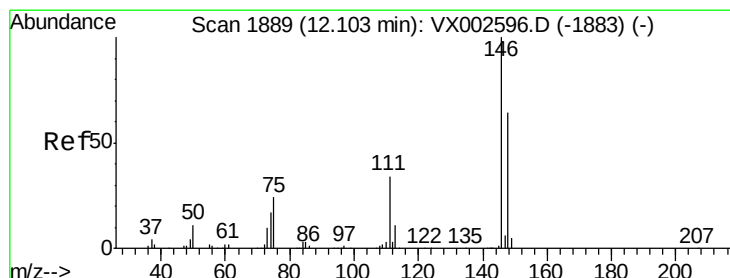
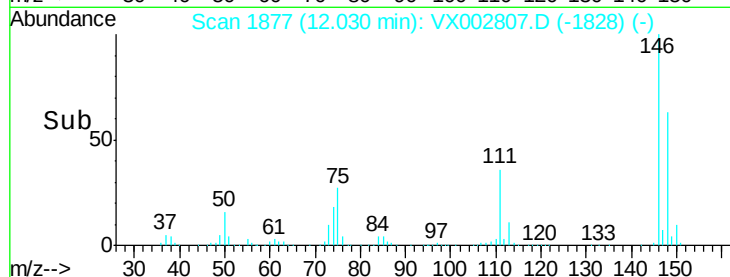
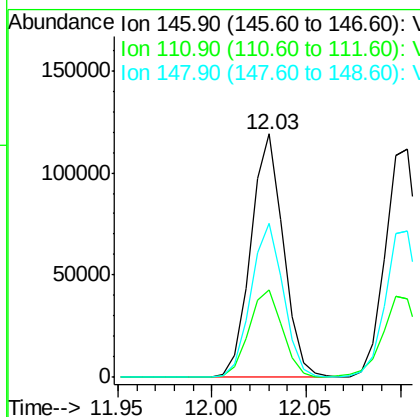
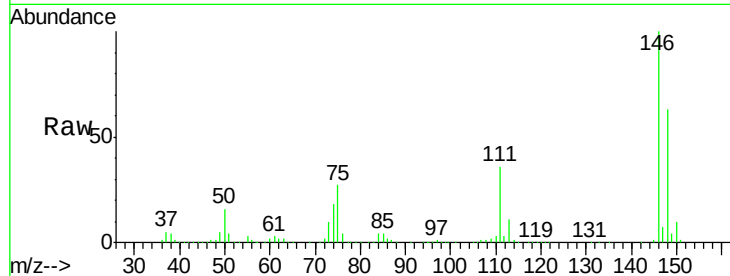
#87
 1,3-Dichlorobenzene
 Concen: 21.16 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	63.2	32.1	96.3

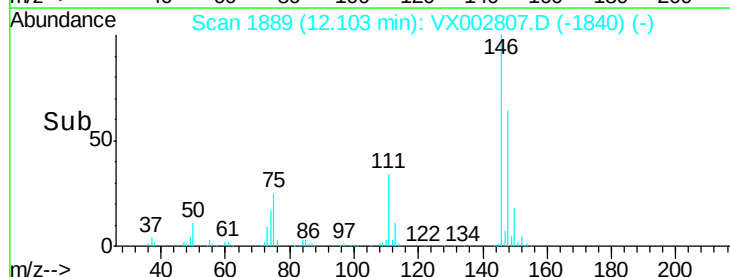
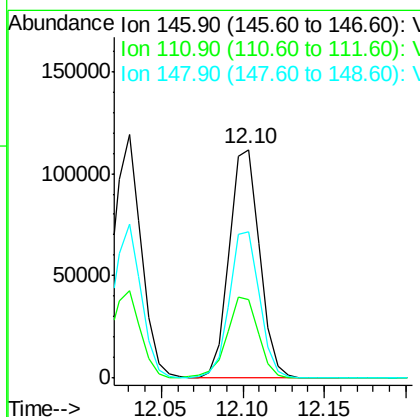
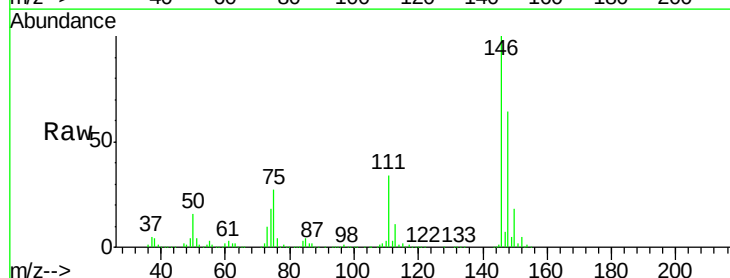
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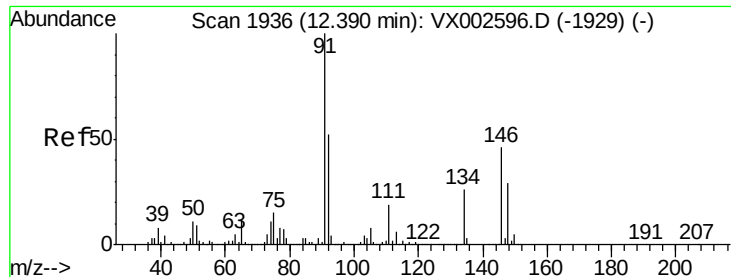
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#88
 1,4-Dichlorobenzene
 Concen: 21.19 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	63.7	32.4	97.0





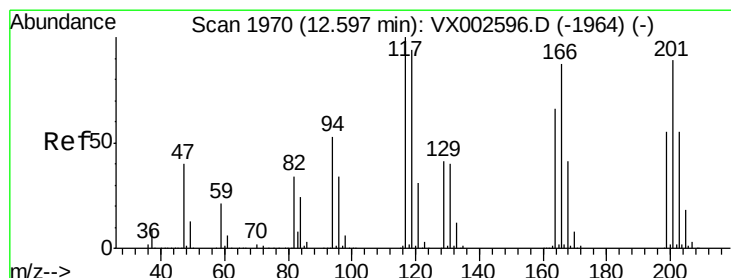
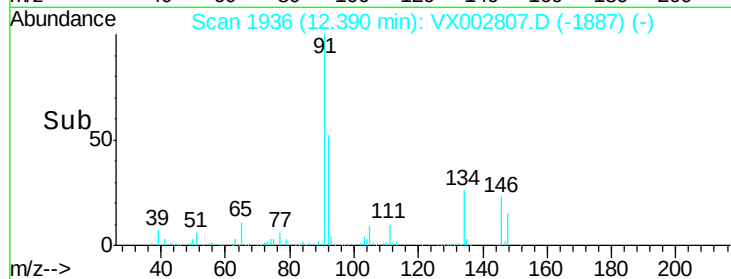
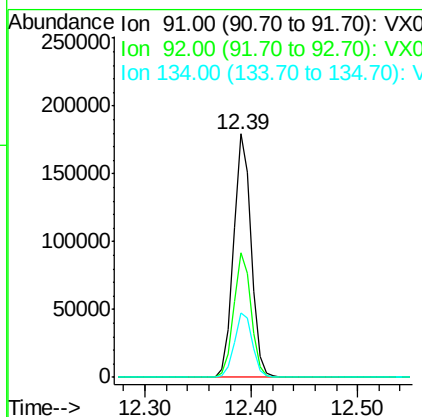
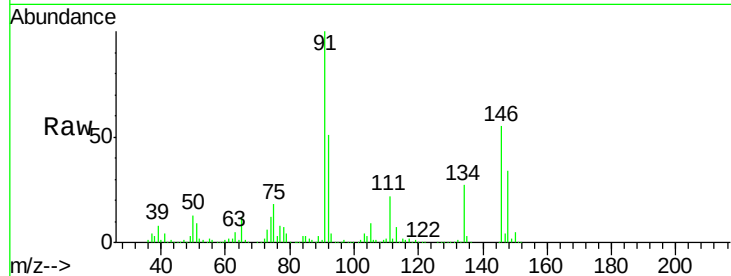
#89
n-Butylbenzene
Concen: 19.57 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.0	78.0
134	26.8	13.5	40.5

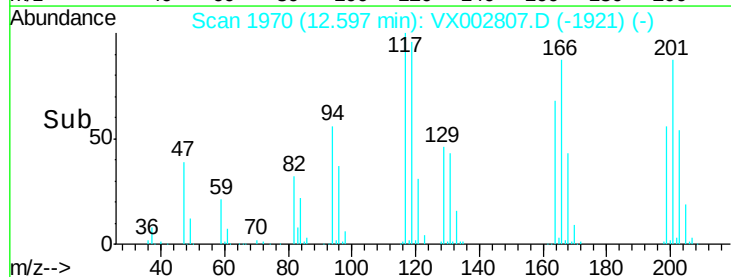
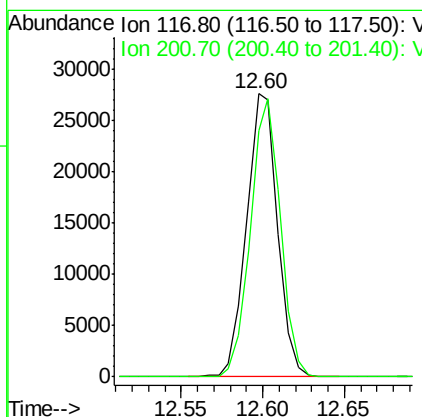
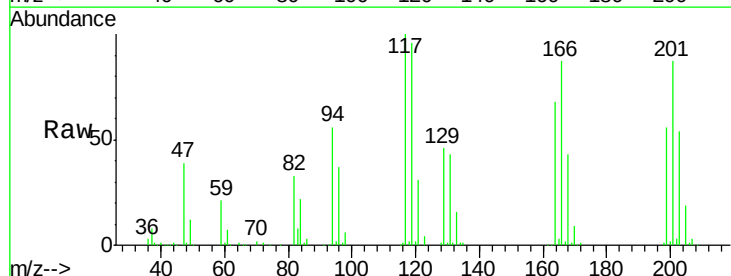
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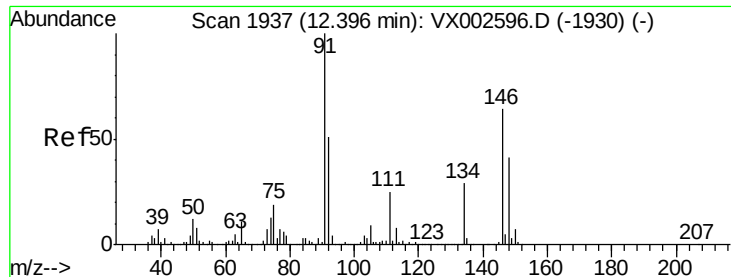
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#90
Hexachloroethane
Concen: 21.03 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002807.D
Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 21.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBSD02

Tot Ion: 146 Resp: 144518

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.1

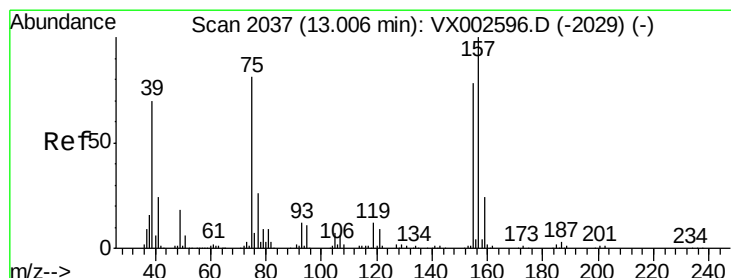
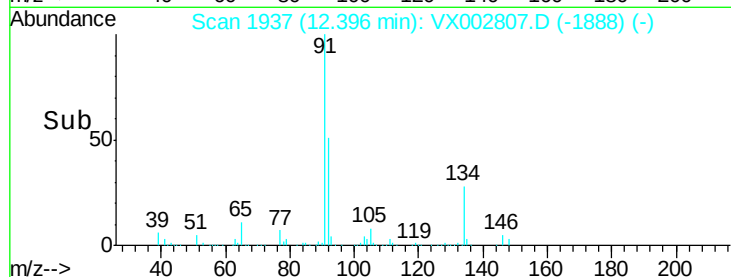
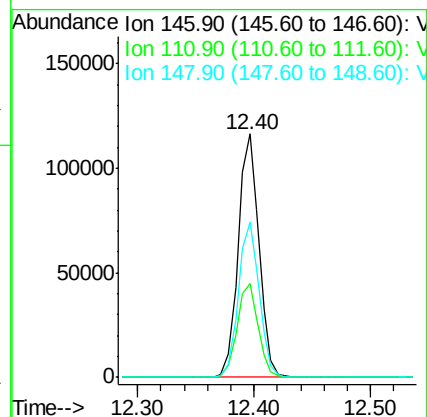
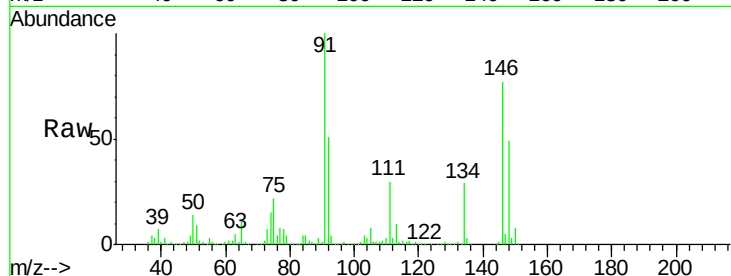
148 63.9 31.7 95.1

Manual Integrations

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.46 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

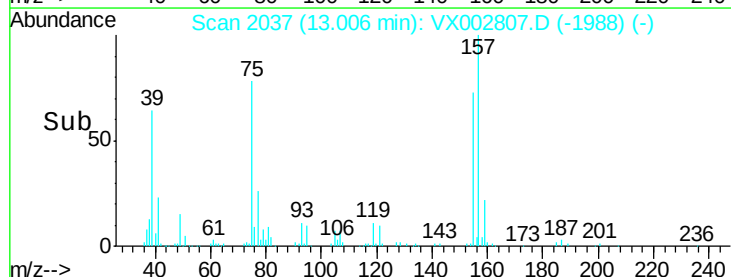
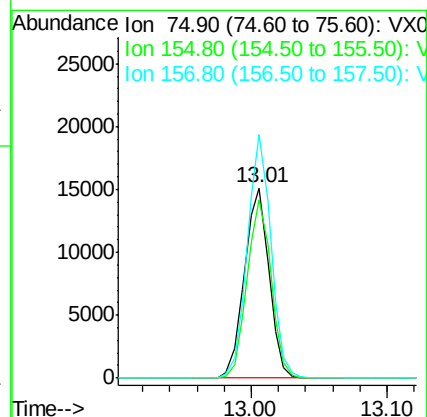
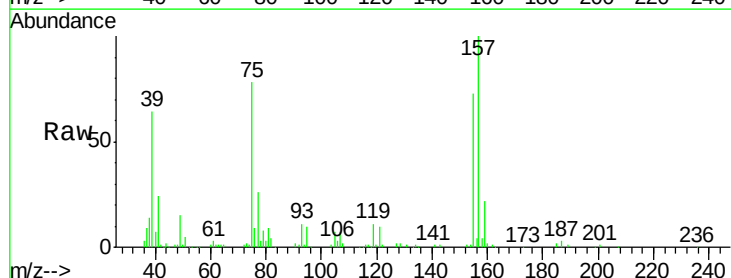
Tgt Ion: 75 Resp: 19084

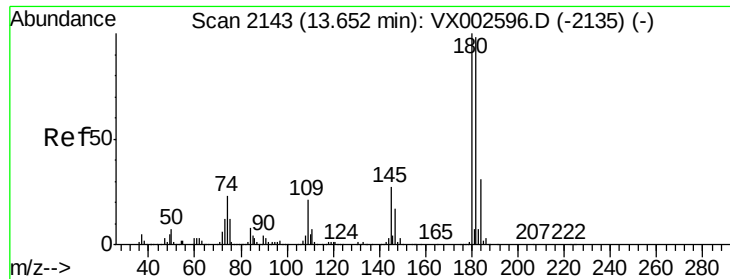
Ion Ratio Lower Upper

75 100

155 91.6 45.8 137.4

157 122.6 60.1 180.3





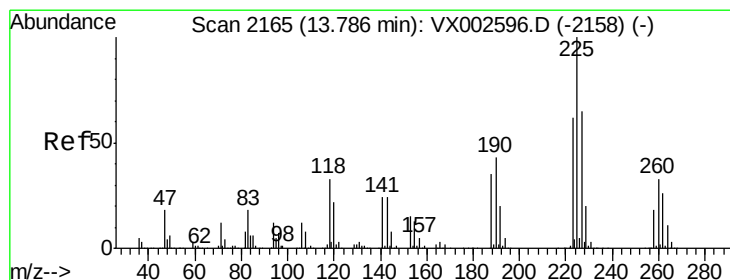
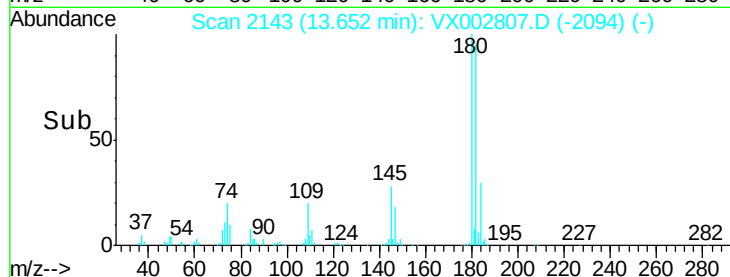
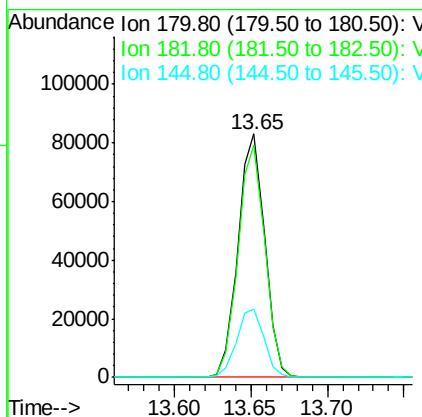
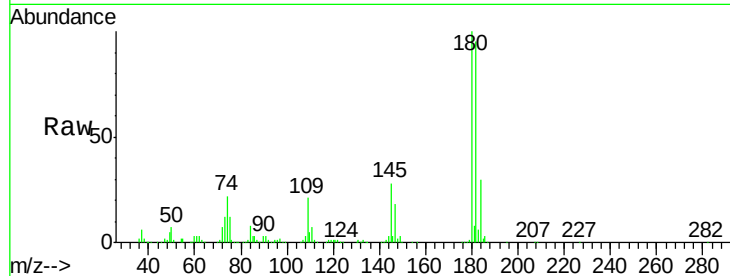
#93
 1,2,4-Trichlorobenzene
 Concen: 20.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100789		
182	95.4	47.7	143.1	
145	28.6	14.1	42.4	

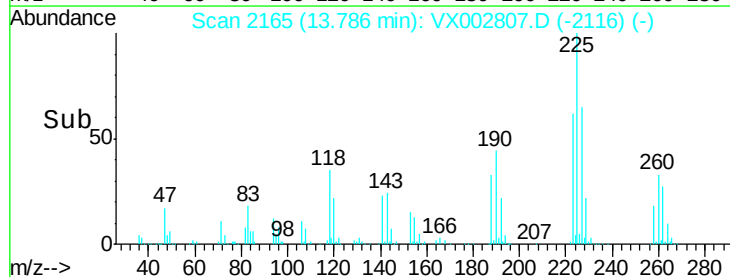
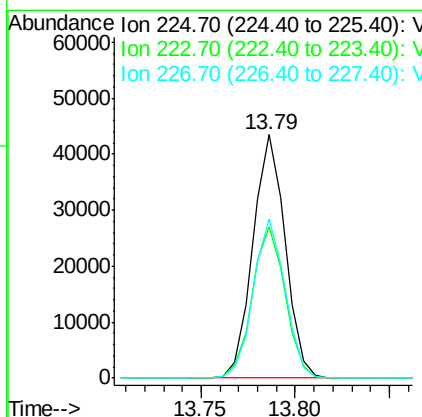
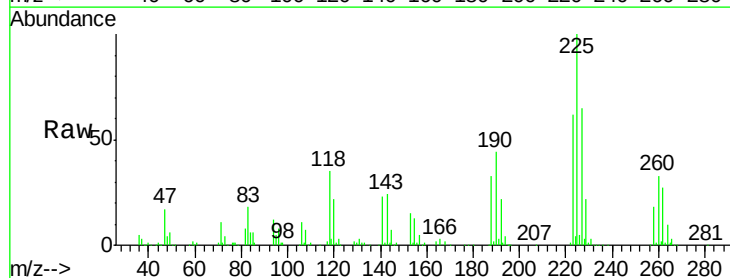
Manual Integrations
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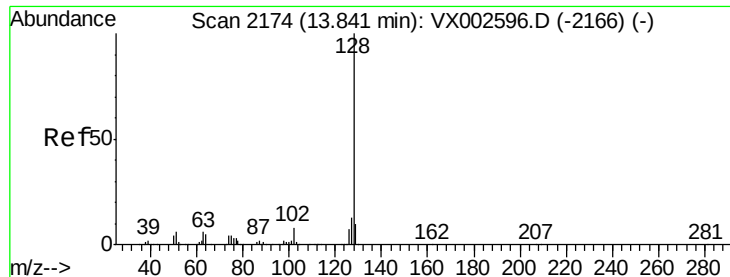
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#94
 Hexachlorobutadiene
 Concen: 19.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002807.D
 Acq: 22 Jun 2018 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51666		
223	63.1	31.6	95.0	
227	64.1	32.4	97.2	





#95

Naphthalene

Concen: 22.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Instrument :

MSVOA_X

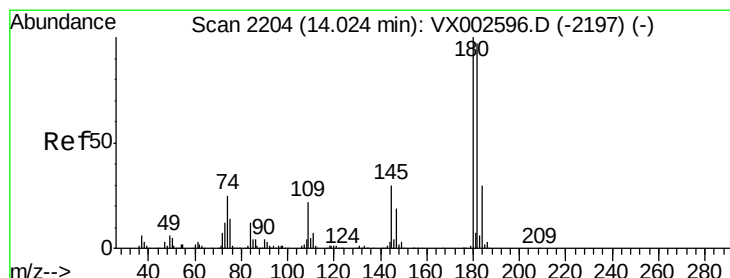
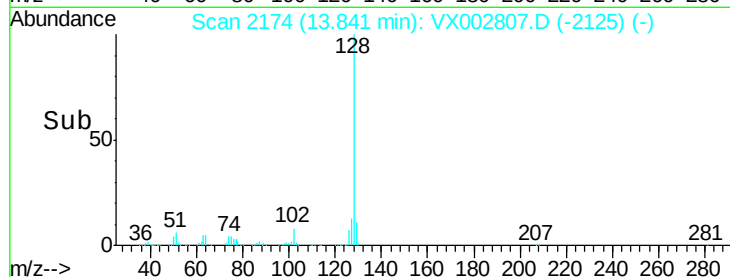
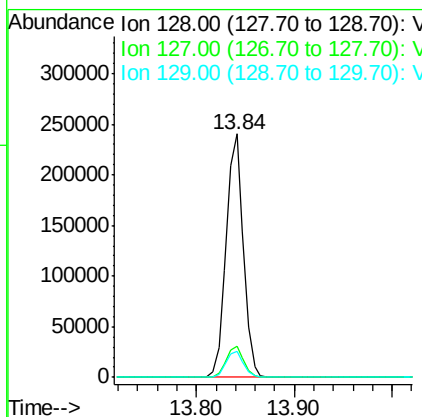
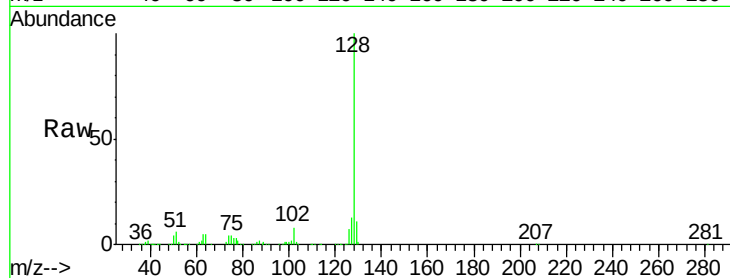
ClientSampleId :

VX0621WBSD02

Tot Ion:	128	Resp:	292624
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
6/22/2018 1:59:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002807.D

Acq: 22 Jun 2018 00:28

Tgt Ion:	180	Resp:	105348
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.0	144.0
145	29.0	14.8	44.3

