

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001600.D
 Acq On : 10 May 2018 14:14
 Operator : JC/MD
 Sample : VX0510WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Manual Integrations
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 5/11/2018 1:06:46 PM

Quant Time: May 11 07:00:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	243780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216832	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	5.51	113	174555	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
50) Toluene-d8	8.72	98	635607	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	11.14	95	240400	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82594	21.82	ug/l	100
3) Chloromethane	1.32	50	74372	20.18	ug/l	99
4) Vinyl Chloride	1.40	62	80083	20.82	ug/l	98
5) Bromomethane	1.64	94	44100	23.20	ug/l	98
6) Chloroethane	1.72	64	51580	20.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	126808	21.90	ug/l	99
8) Diethyl Ether	2.19	74	47514	20.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76799	22.63	ug/l	100
10) Methyl Iodide	2.51	142	81397	16.62	ug/l	98
11) Tert butyl alcohol	3.07	59	90161	105.83	ug/l	99
12) 1,1-Dichloroethene	2.37	96	65567	21.08	ug/l	96
13) Acrolein	2.29	56	12144	63.61	ug/l	93
14) Allyl chloride	2.73	41	124154	21.40	ug/l	99
15) Acrylonitrile	3.15	53	202344	105.11	ug/l	99
16) Acetone	2.45	43	208308	113.53	ug/l	98
17) Carbon Disulfide	2.57	76	147614	18.65	ug/l	99
18) Methyl Acetate	2.78	43	110830	22.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	231163	21.34	ug/l	100
20) Methylene Chloride	2.86	84	73962	20.36	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	69932	20.14	ug/l	93
22) Diisopropyl ether	3.87	45	239368	22.09	ug/l	97
23) Vinyl Acetate	3.82	43	1001700	110.91	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131821	21.78	ug/l	100
25) 2-Butanone	4.71	43	288861	108.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105499	22.57	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	78745	21.30	ug/l	99
28) Bromochloromethane	5.03	49	60175	22.93	ug/l	99
29) Tetrahydrofuran	5.17	42	177776	104.76	ug/l	100
30) Chloroform	5.22	83	137993	22.13	ug/l	100
31) Cyclohexane	5.57	56	111180	21.38	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	121277	22.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	96753	21.63	ug/l	99
37) Ethyl Acetate	4.87	43	106105	21.64	ug/l	100
38) Carbon Tetrachloride	5.79	117	109151	22.88	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120541	22.80	ug/l	97
40) Benzene	6.15	78	295783	22.64	ug/l	98
41) Methacrylonitrile	5.06	41	61411	21.89	ug/l	99
42) 1,2-Dichloroethane	6.20	62	114829	22.87	ug/l	100
43) Isopropyl Acetate	6.47	43	165845	22.04	ug/l	99
44) Trichloroethene	7.21	130	90800	22.74	ug/l	99
45) 1,2-Dichloropropane	7.52	63	75301	23.12	ug/l	99
46) Dibromomethane	7.67	93	51675	22.41	ug/l	99
47) Bromodichloromethane	7.90	83	96270	22.56	ug/l	99
48) Methyl methacrylate	7.78	41	90231	22.02	ug/l	100
49) 1,4-Dioxane	7.76	88	38508	434.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	569987	113.98	ug/l	99
52) Toluene	8.79	92	195414	22.88	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	110434	22.90	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	98250	21.08	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78900	22.93	ug/l	95
56) Ethyl methacrylate	9.19	69	109133	22.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	128596	22.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240865	99.00	ug/l	99
59) 2-Hexanone	9.50	43	434532	113.47	ug/l	99
60) Dibromochloromethane	9.59	129	79326	22.51	ug/l	98
61) 1,2-Dibromoethane	9.68	107	81975	22.69	ug/l	100
64) Tetrachloroethene	9.34	164	107969	23.08	ug/l	97
65) Chlorobenzene	10.14	112	222100	22.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	82040	23.30	ug/l	99
67) Ethyl Benzene	10.26	91	366632	22.72	ug/l	99
68) m/p-Xylenes	10.37	106	293710	46.07	ug/l	100
69) o-Xylene	10.70	106	140220	22.63	ug/l	97
70) Styrene	10.72	104	232051	23.05	ug/l	100
71) Bromoform	10.86	173	62012	20.57	ug/l	100
73) Isopropylbenzene	11.02	105	386851	22.92	ug/l	100
74) N-amyl acetate	6.47	43	165845	21.64	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	109747	22.02	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	110204m	22.29	ug/l	
77) Bromobenzene	11.26	156	106785	21.76	ug/l	99
78) n-propylbenzene	11.37	91	437692	23.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	256997	22.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	325072	23.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	27824	20.69	ug/l	93
82) 4-Chlorotoluene	11.52	91	302787	23.21	ug/l	99
83) tert-Butylbenzene	11.77	119	314524	22.50	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336482	23.30	ug/l	100
85) sec-Butylbenzene	11.95	105	399836	23.83	ug/l	99
86) p-Isopropyltoluene	12.07	119	365703	23.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	197708	22.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	199344	22.28	ug/l	99
89) n-Butylbenzene	12.40	91	298785	23.42	ug/l	99
90) Hexachloroethane	12.60	117	52548	22.67	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	199723	22.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24719	22.57	ug/l	97

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ClientSampleId :
VX0510WBS01

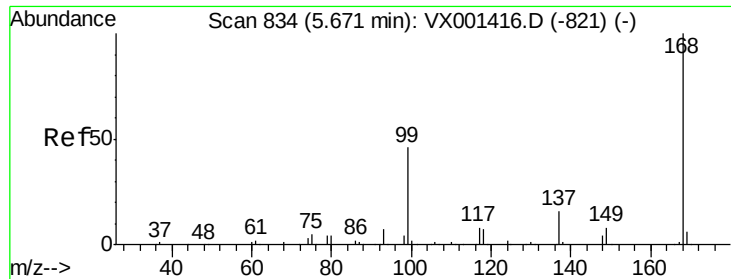
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148073	22.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	84328	23.60	ug/l	100
95) Naphthalene	13.84	128	410273	22.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	153119	22.85	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: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion:168 Resp: 281129

Ion Ratio Lower Upper

168 100

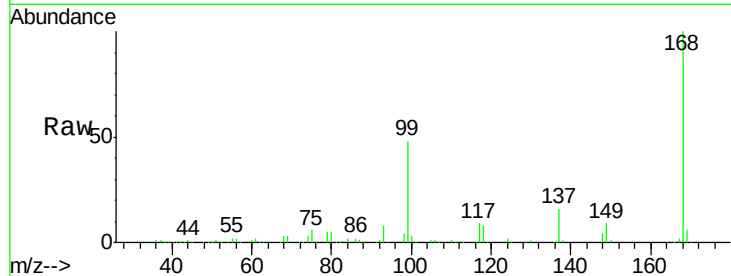
99 48.3 36.6 54.8

Manual Integrations

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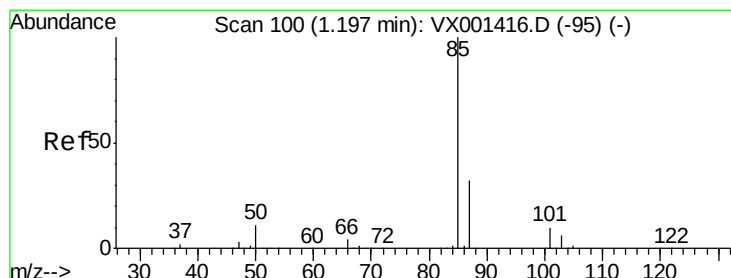
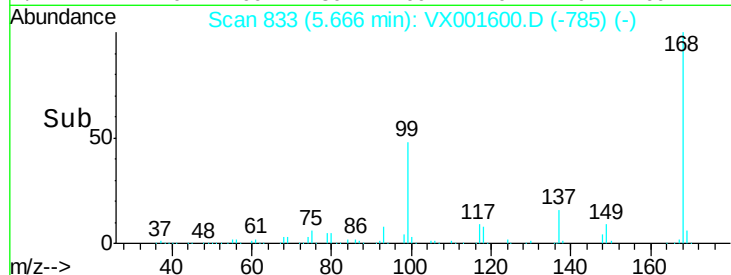
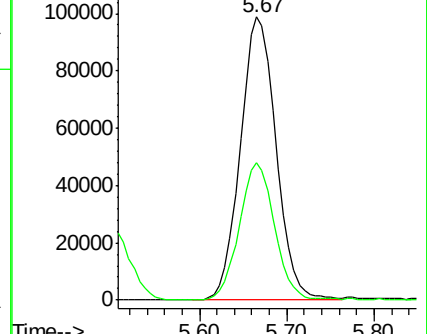
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001600.D

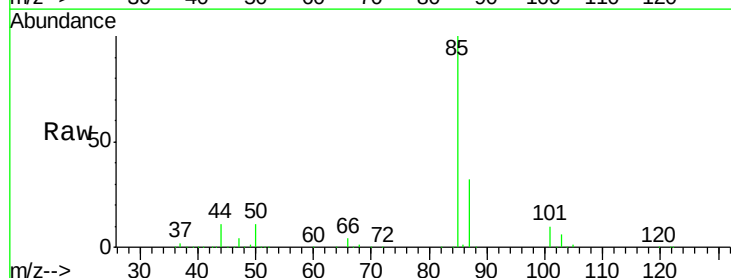
Acq: 10 May 2018 14:14

Tgt Ion: 85 Resp: 82594

Ion Ratio Lower Upper

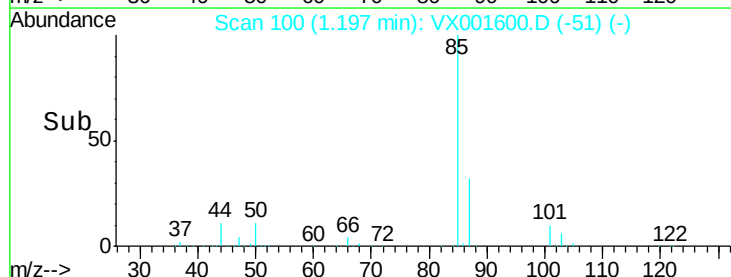
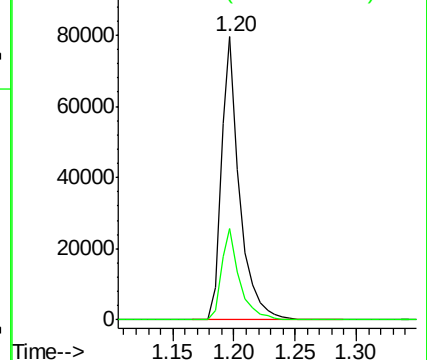
85 100

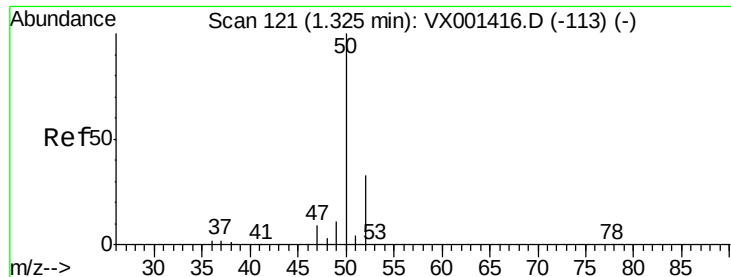
87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 50 Resp: 74372

Ion Ratio Lower Upper

50 100

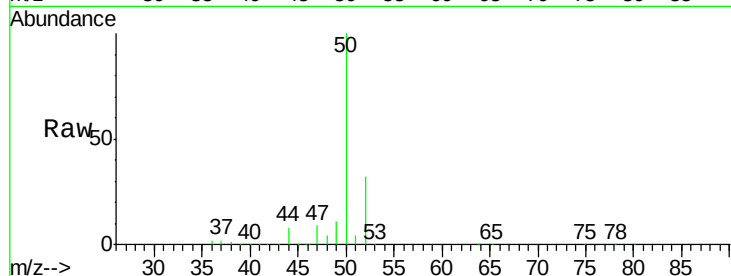
52 32.0 26.2 39.4

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

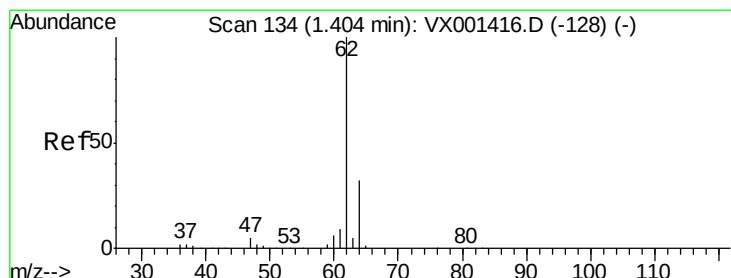
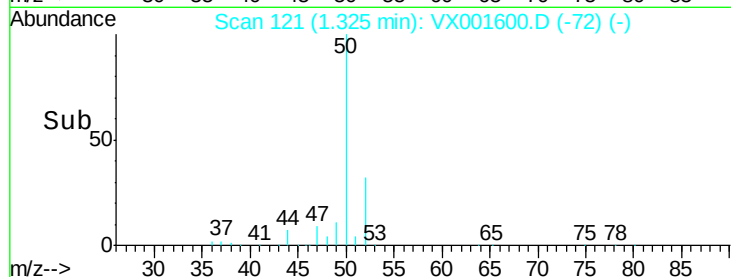
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 20.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001600.D

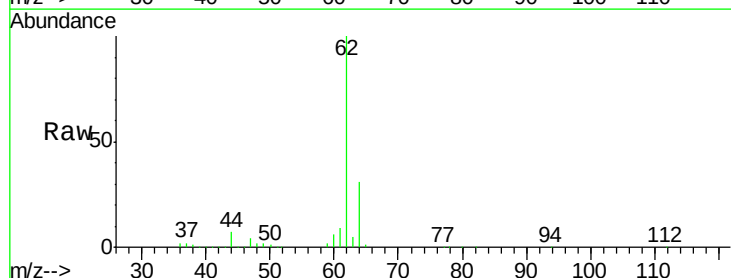
Acq: 10 May 2018 14:14

Tgt Ion: 62 Resp: 80083

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

80000

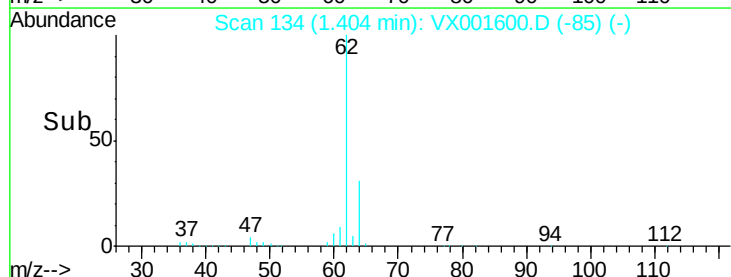
60000

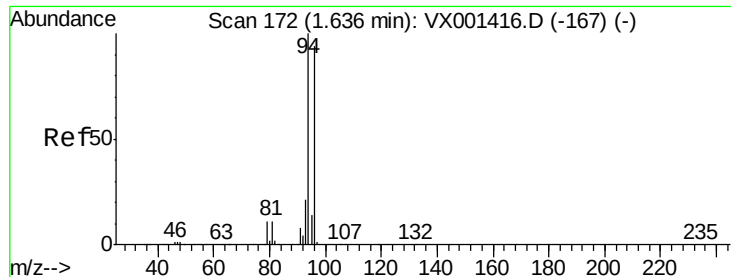
40000

20000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 23.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 94 Resp: 44100

Ion Ratio Lower Upper

94 100

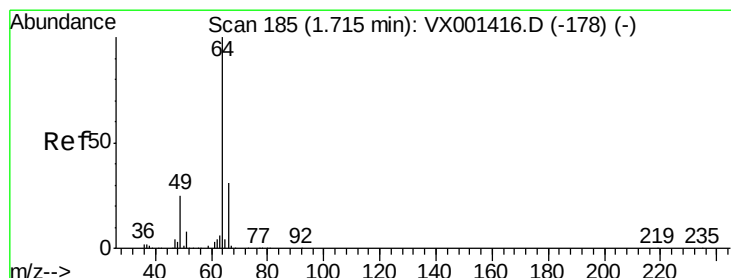
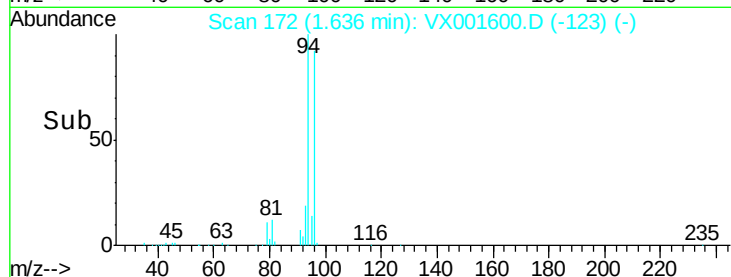
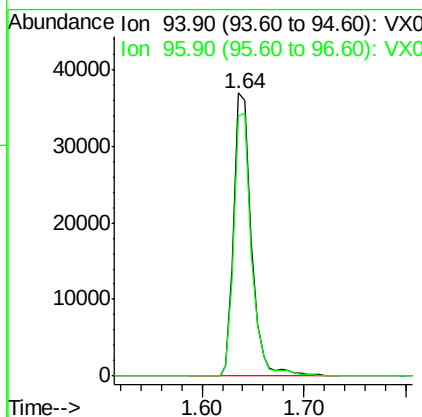
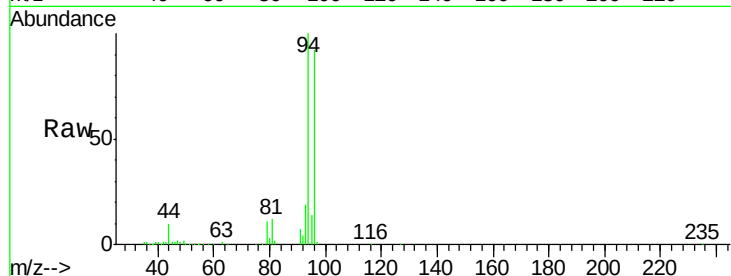
96 92.2 75.0 112.6

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#6

Chloroethane

Concen: 20.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001600.D

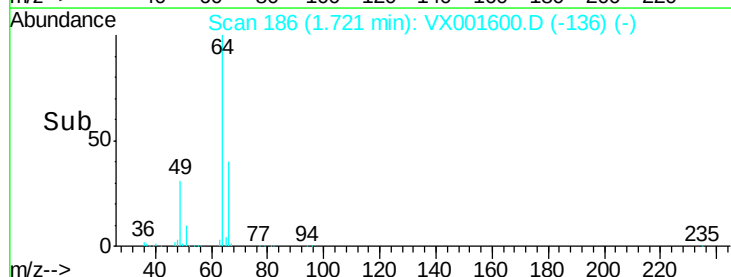
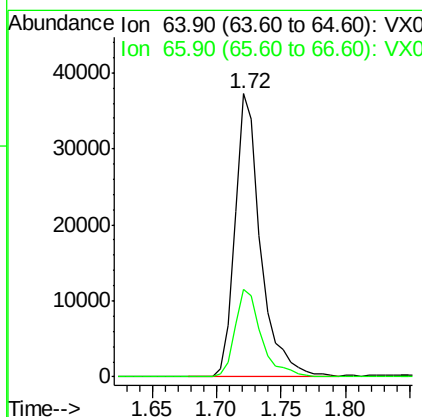
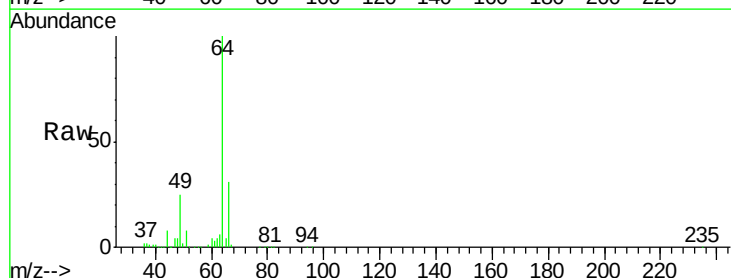
Acq: 10 May 2018 14:14

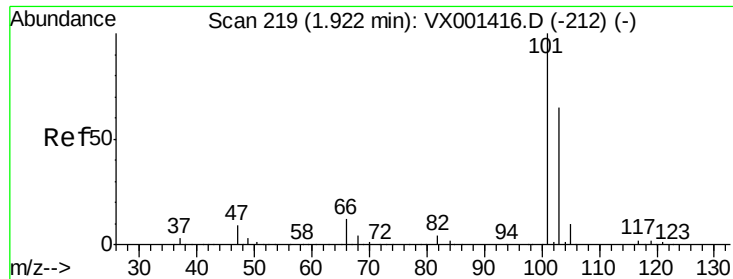
Tgt Ion: 64 Resp: 51580

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7





#7

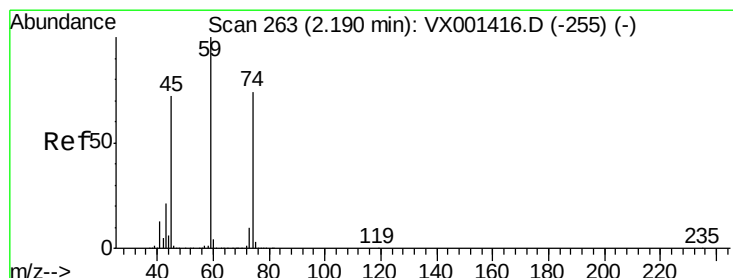
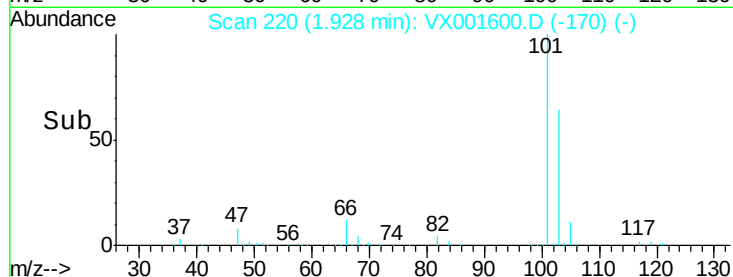
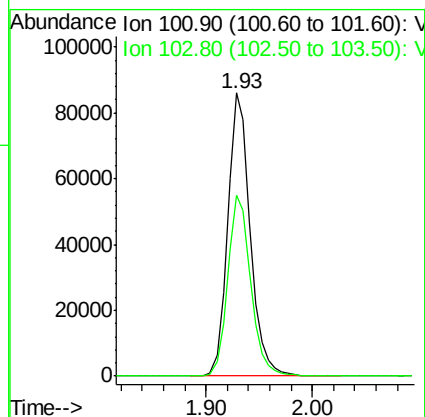
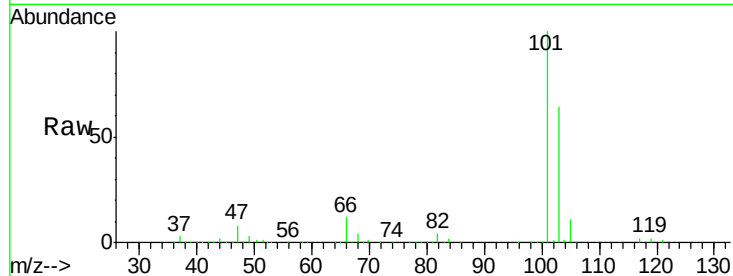
Trichlorofluoromethane
 Concen: 21.90 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion:101 Resp: 126808
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.0 78.0

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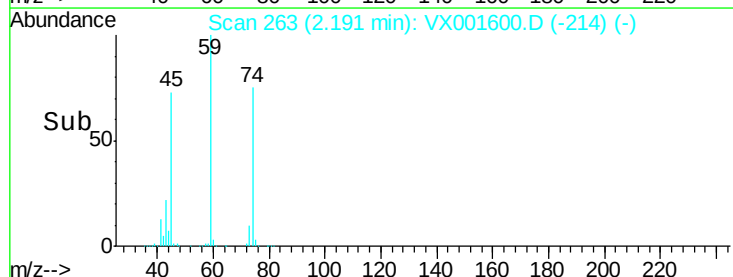
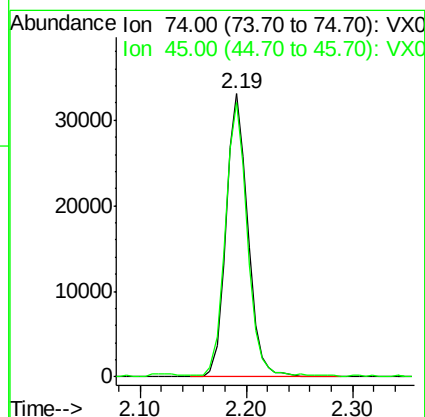
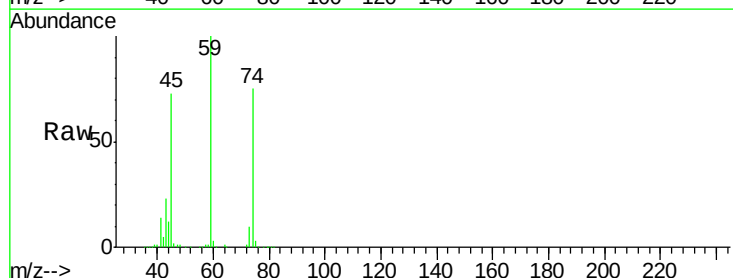
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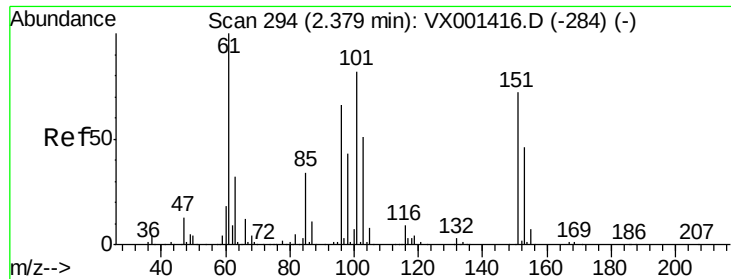


#8

Diethyl Ether
 Concen: 20.94 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion: 74 Resp: 47514
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.63 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

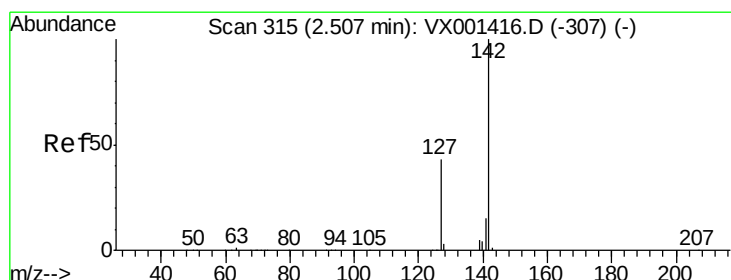
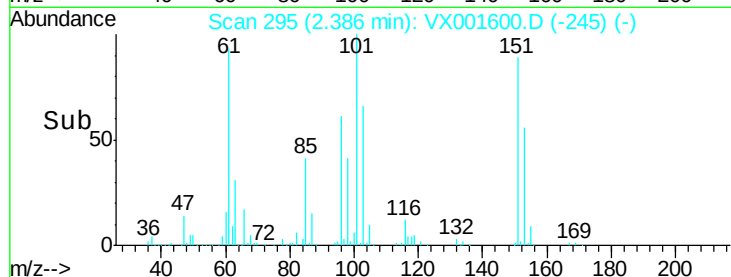
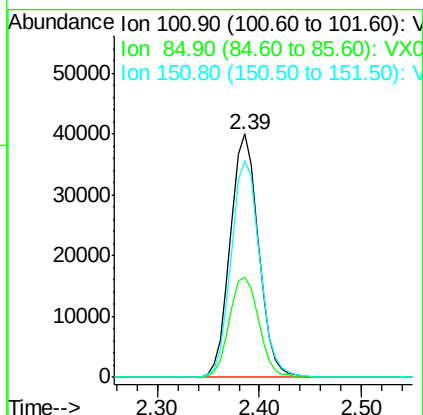
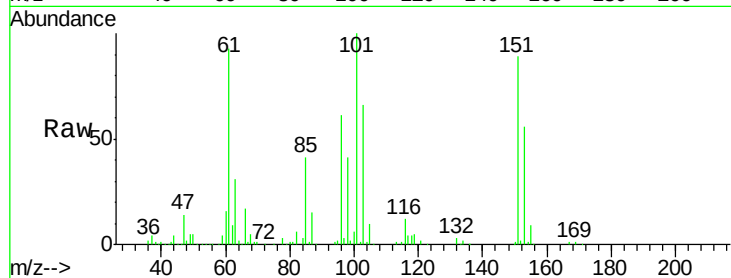
ClientSampled :

VX0510WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.7	50.5
151	90.5	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 16.62 ug/l

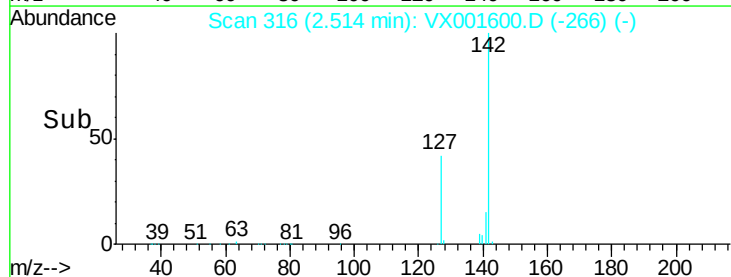
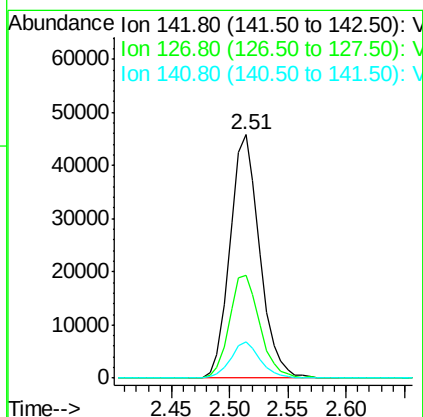
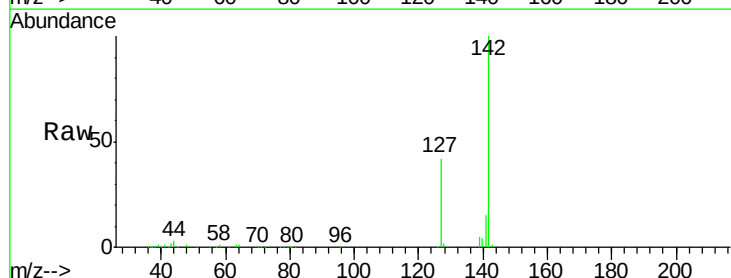
RT: 2.51 min Scan# 316

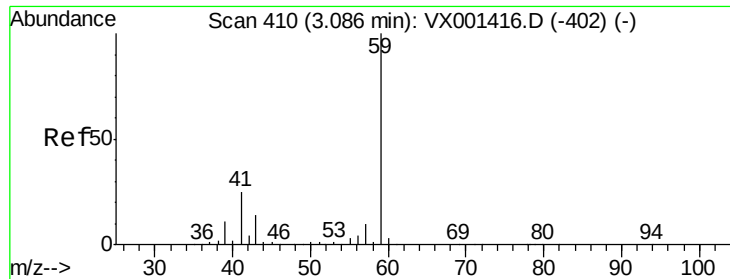
Delta R.T. 0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.4	33.6	50.4
141	14.7	11.4	17.2





#11

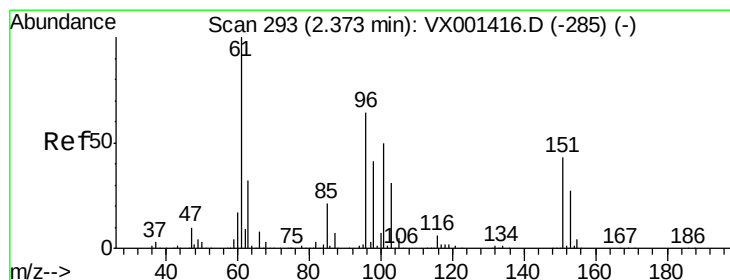
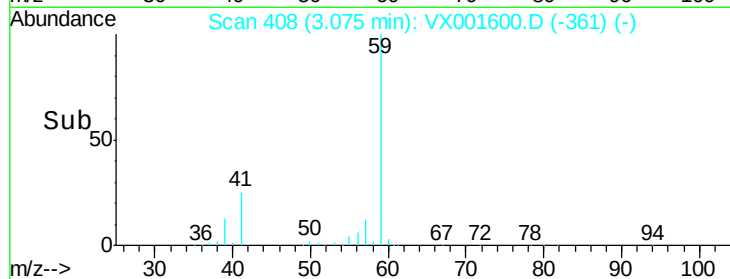
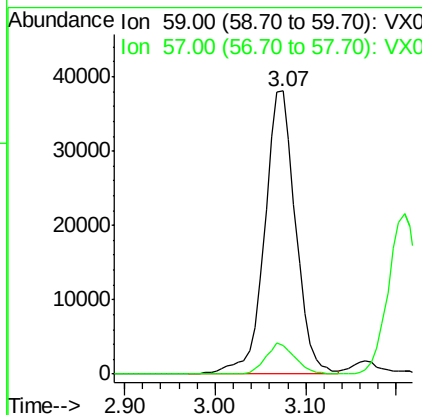
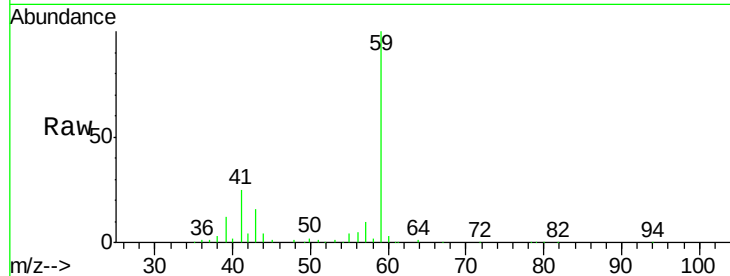
Tert butyl alcohol
 Concen: 105.83 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

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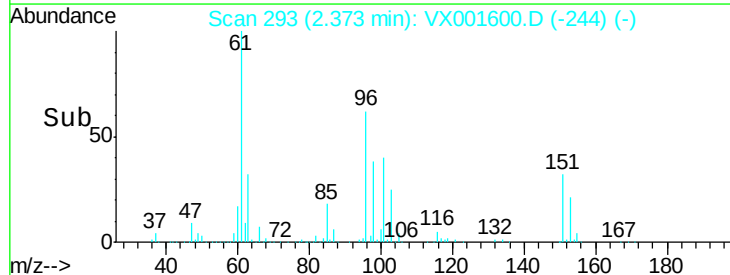
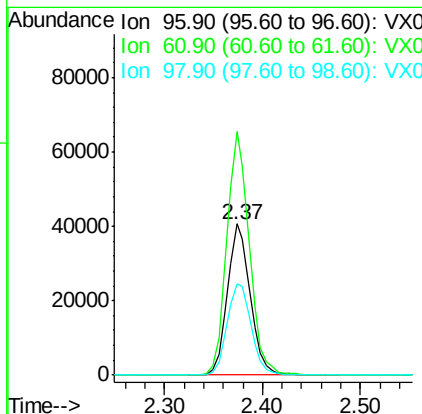
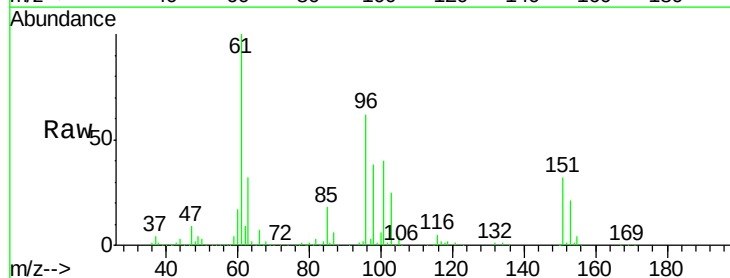
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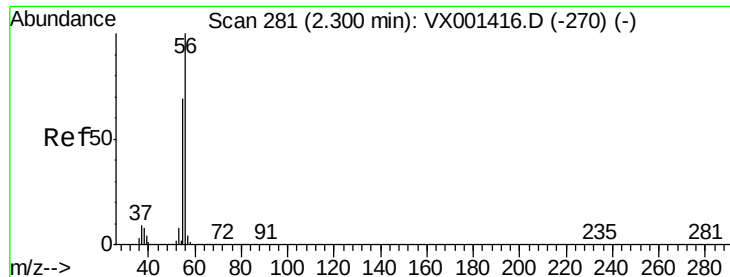


#12

1,1-Dichloroethene
 Concen: 21.08 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	125.7	188.5
98	60.7	52.0	78.0





#13

Acrolein

Concen: 63.61 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 56 Resp: 12144

Ion Ratio Lower Upper

56 100

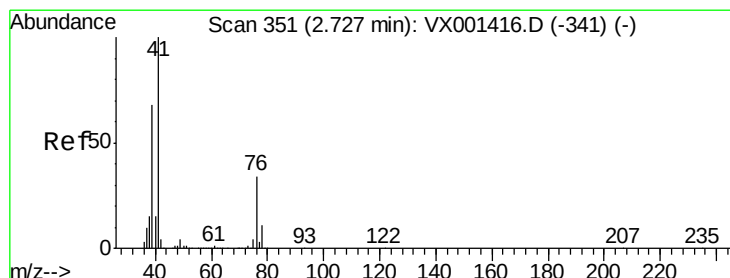
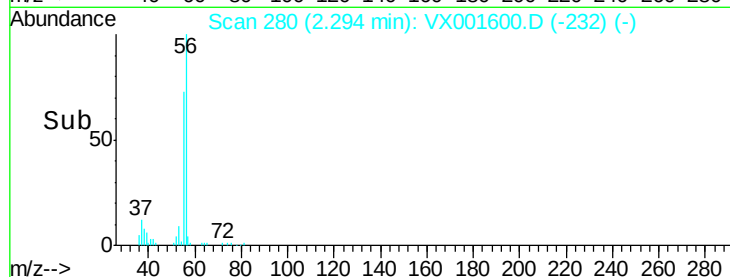
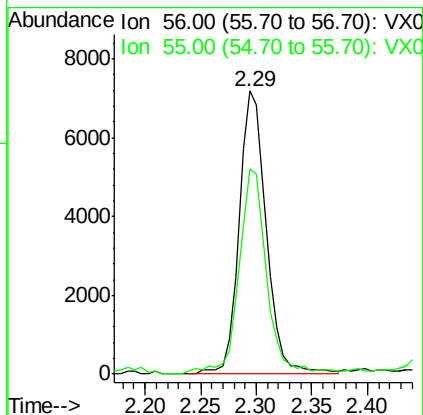
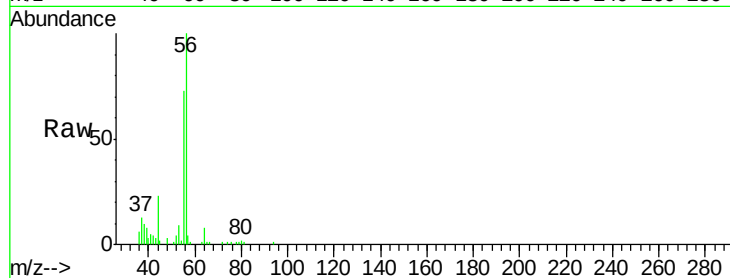
55 73.5 54.5 81.7

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#14

Allyl chloride

Concen: 21.40 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

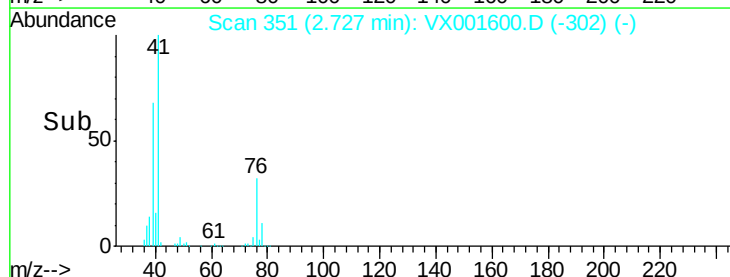
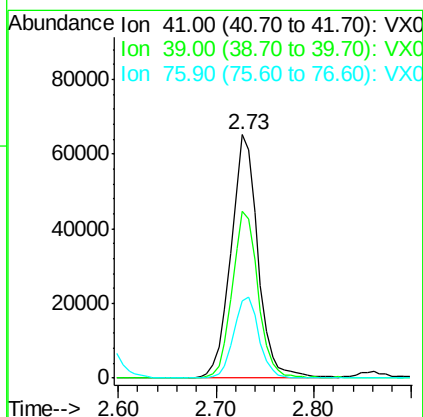
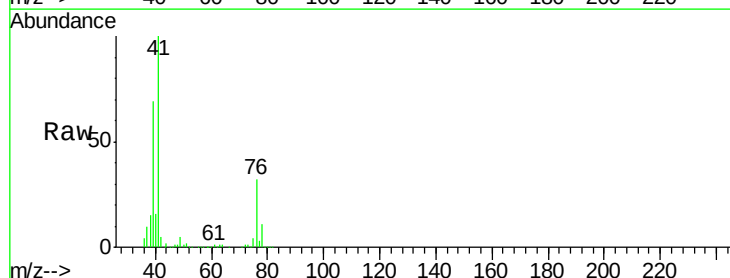
Tgt Ion: 41 Resp: 124154

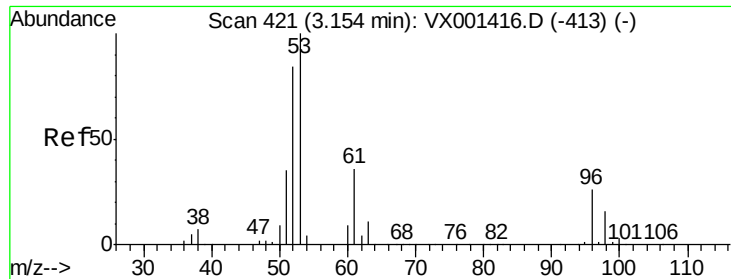
Ion Ratio Lower Upper

41 100

39 66.0 52.4 78.6

76 31.2 25.8 38.6





#15

Acrylonitrile

Concen: 105.11 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

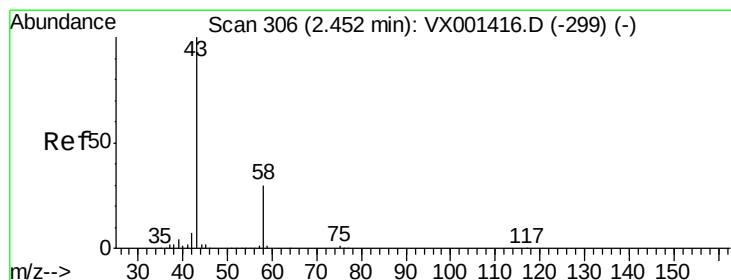
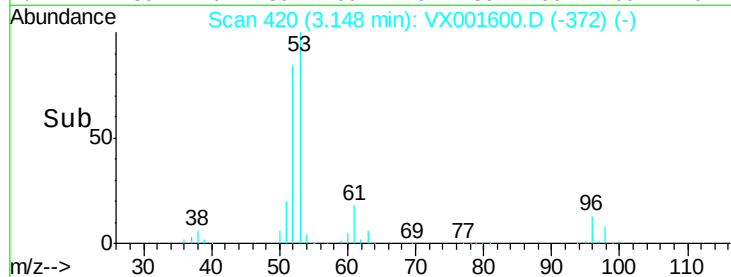
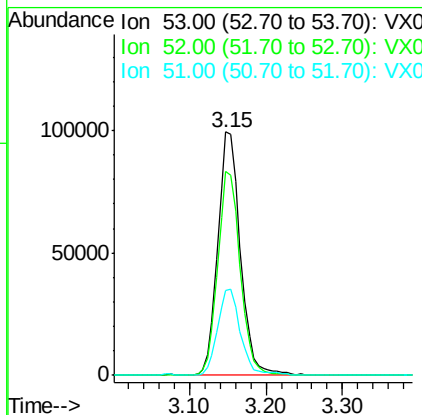
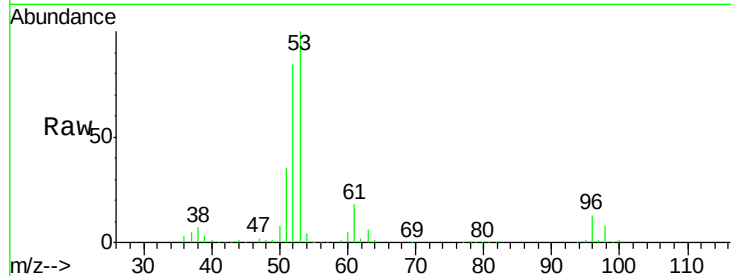
ClientSampled :

VX0510WBS01

Tot Ion:	53	Resp:	202344
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.2	99.2
51	36.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 113.53 ug/l

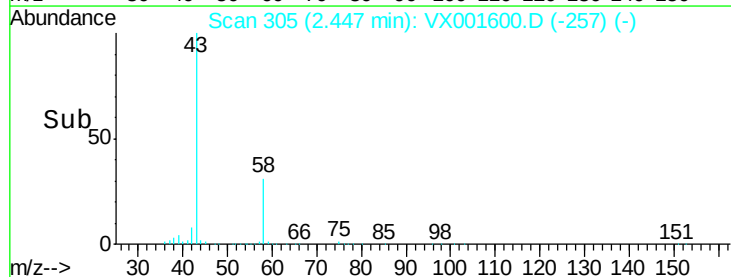
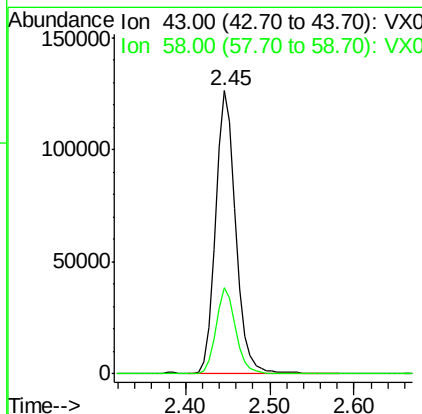
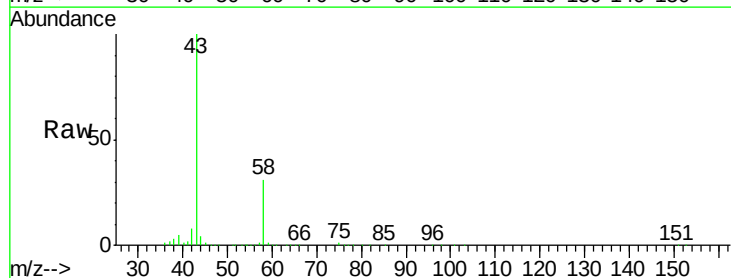
RT: 2.45 min Scan# 305

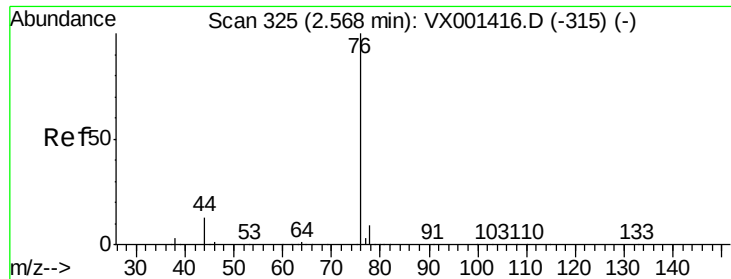
Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion:	43	Resp:	208308
Ion Ratio	Lower	Upper	
43	100		
58	30.7	23.8	35.8





#17

Carbon Disulfide

Concen: 18.65 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tot Ion: 76 Resp: 147614

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

Instrument :

MSVOA_X

ClientSampleId :

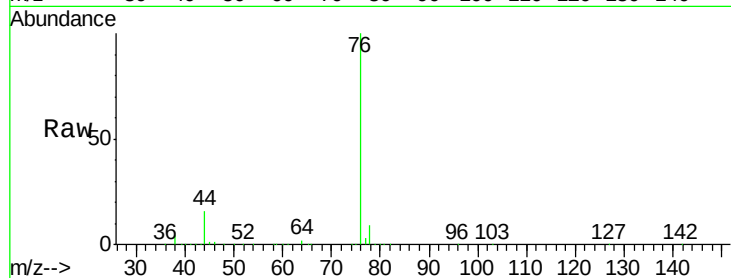
VX0510WBS01

Manual Integrations

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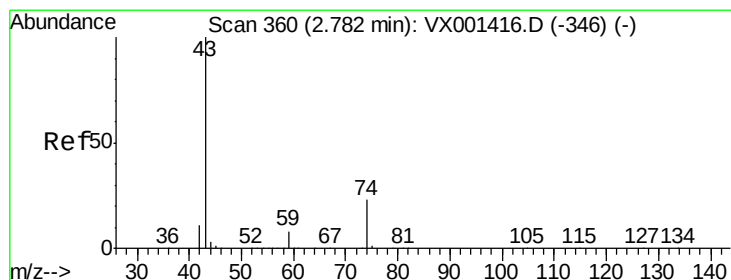
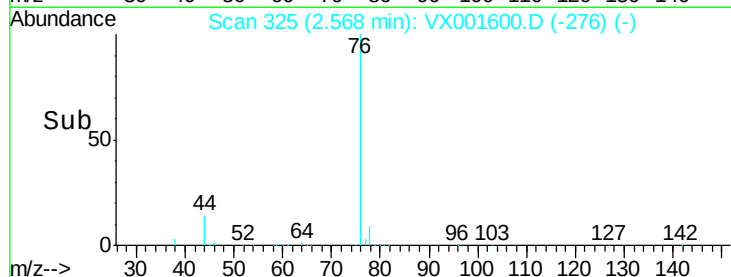
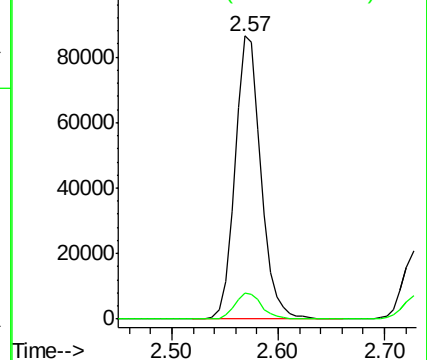
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001600.D

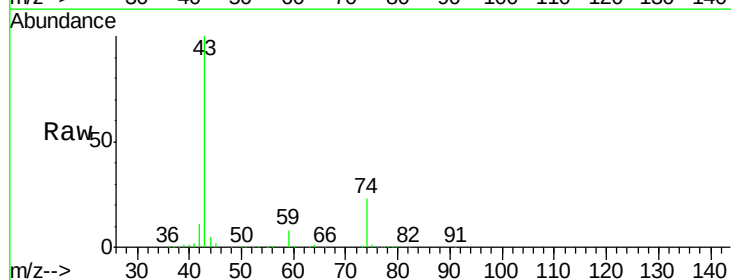
Acq: 10 May 2018 14:14

Tgt Ion: 43 Resp: 110830

Ion Ratio Lower Upper

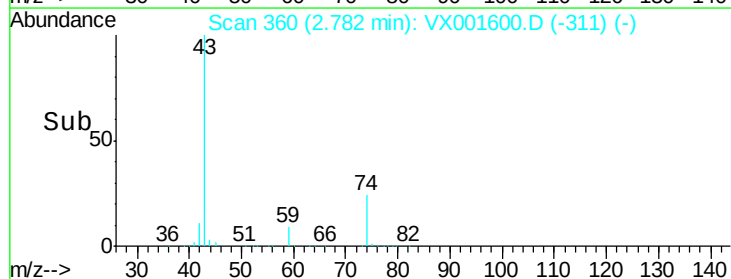
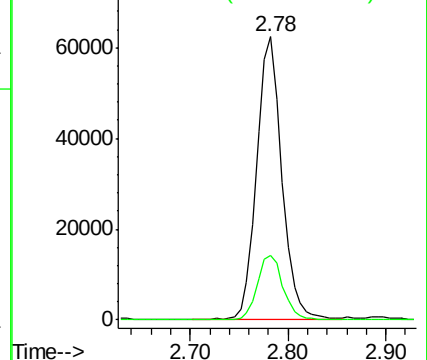
43 100

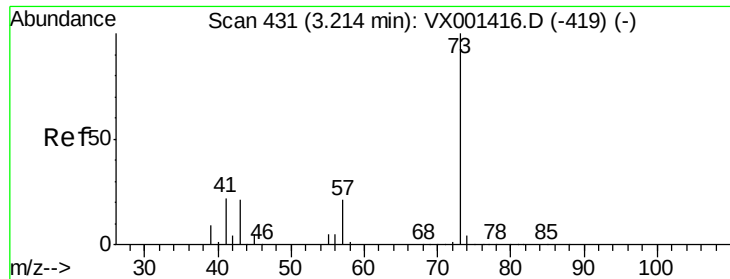
74 23.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





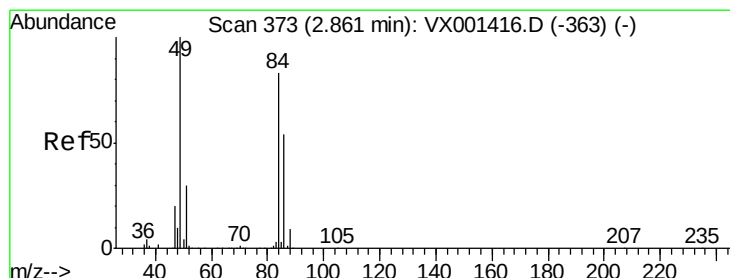
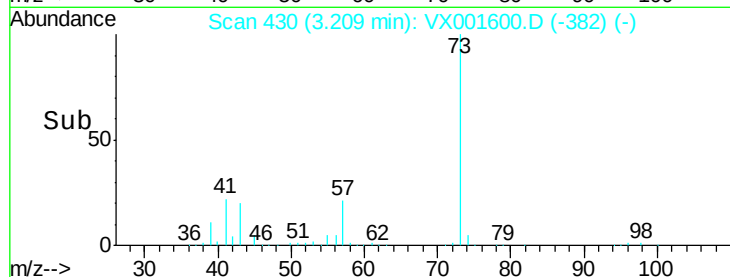
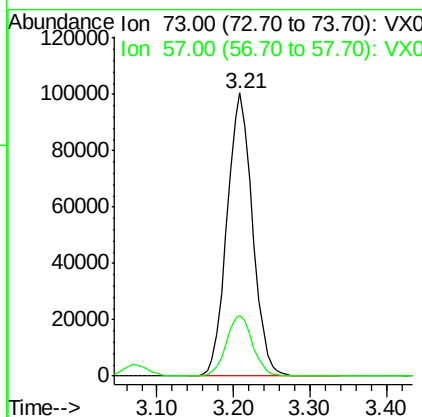
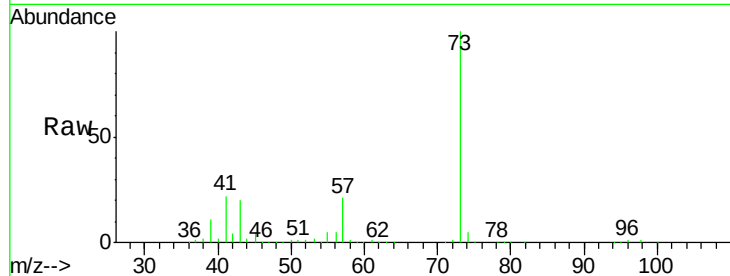
#19
Methyl tert-butyl Ether
Concen: 21.34 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	21.5	17.0	25.6

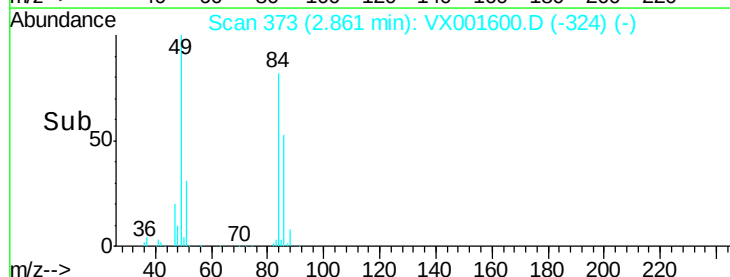
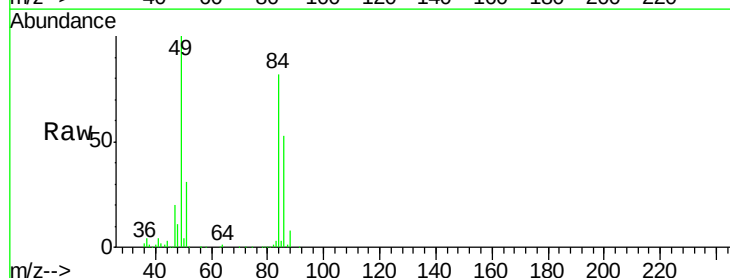
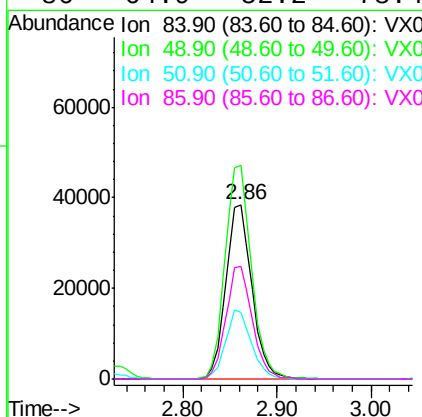
Manual Integrations
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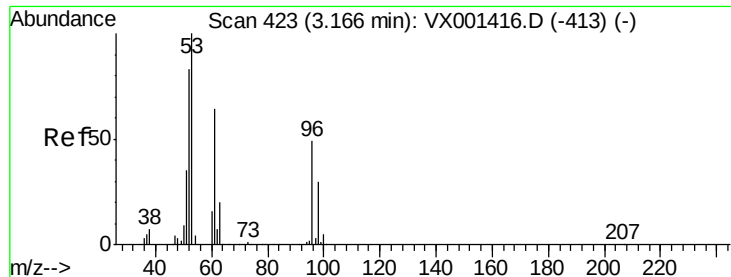
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#20
Methylene Chloride
Concen: 20.36 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	122.5	96.6	144.8
51	51	38.4	29.0	43.4
86	86	64.9	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 20.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

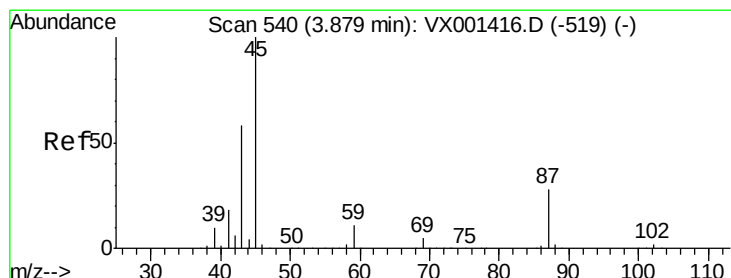
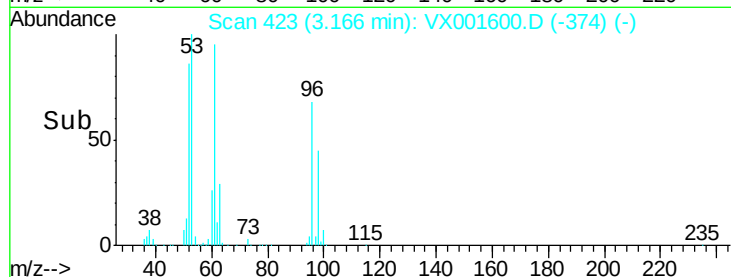
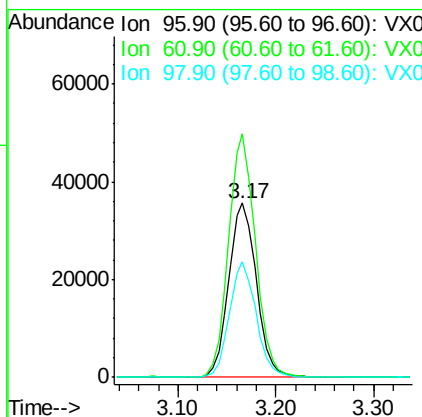
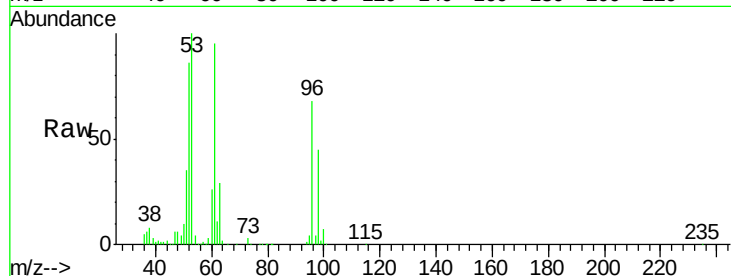
ClientSampleId :

VX0510WBS01

Tot Ion:	96	Resp:	69932
Ion	Ratio	Lower	Upper
96	100		
61	139.8	105.0	157.4
98	66.3	49.9	74.9

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#22

Diisopropyl ether

Concen: 22.09 ug/l

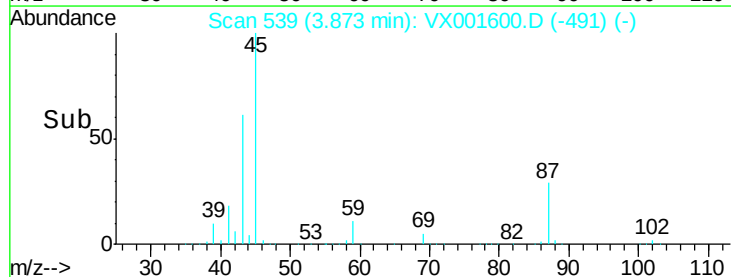
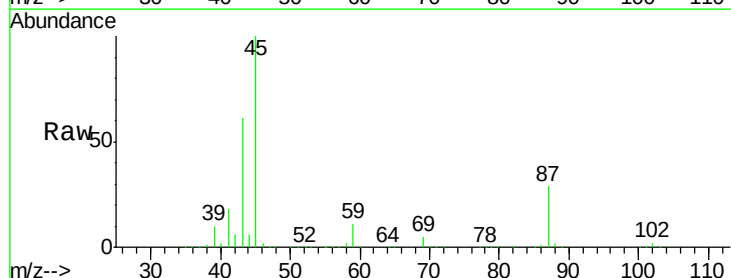
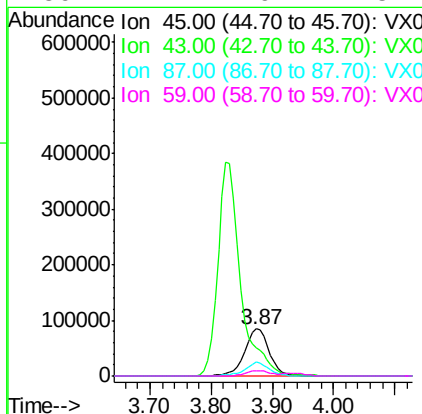
RT: 3.87 min Scan# 539

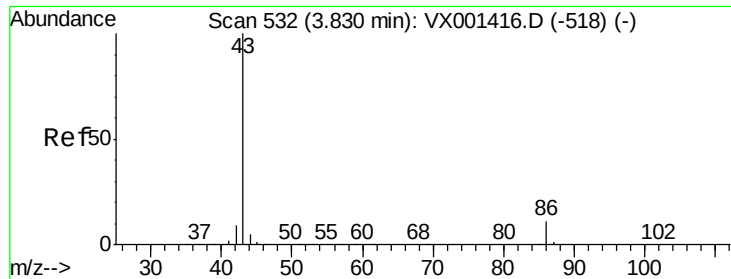
Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion:	45	Resp:	239368
Ion	Ratio	Lower	Upper
45	100		
43	60.9	46.5	69.7
87	29.1	22.6	34.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 110.91 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

Tot Ion: 43 Resp: 1001700

Ion Ratio Lower Upper

43 100

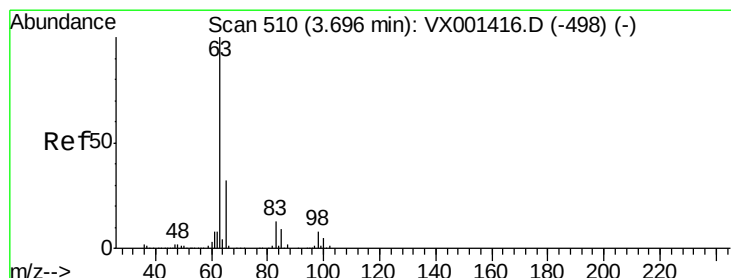
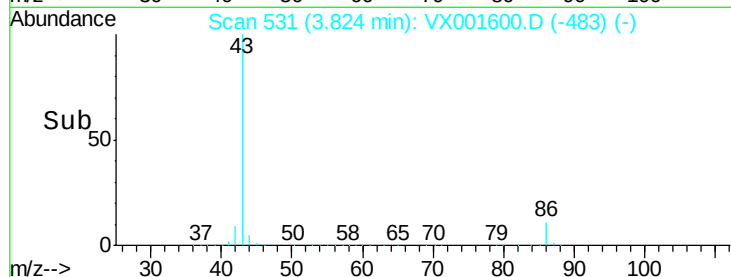
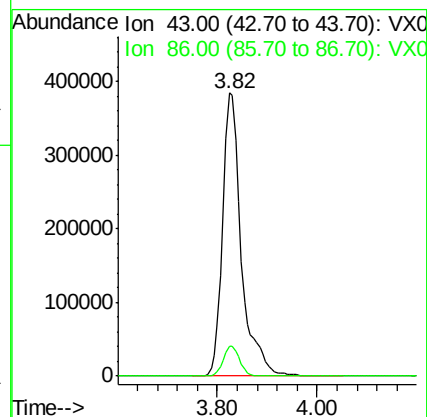
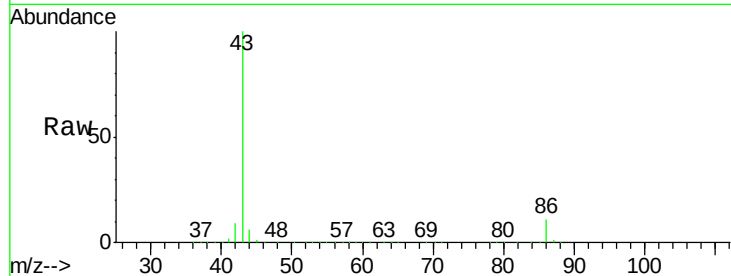
86 10.8 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 21.78 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

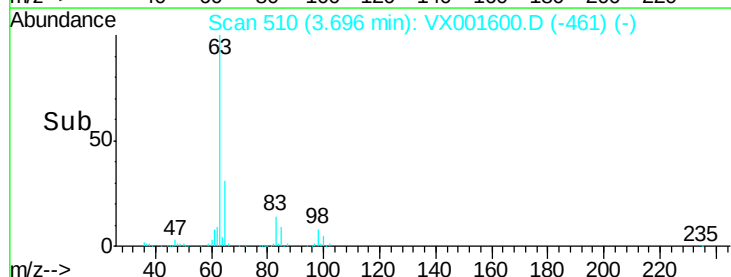
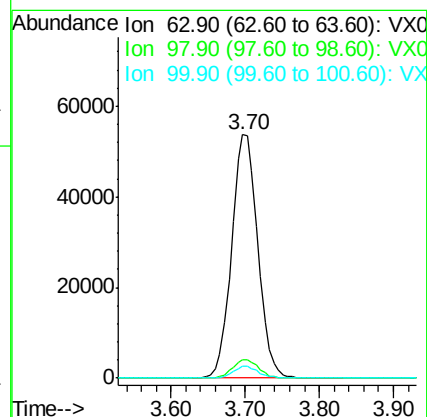
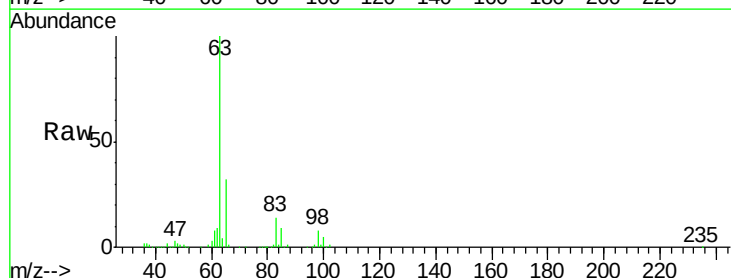
Tgt Ion: 63 Resp: 131821

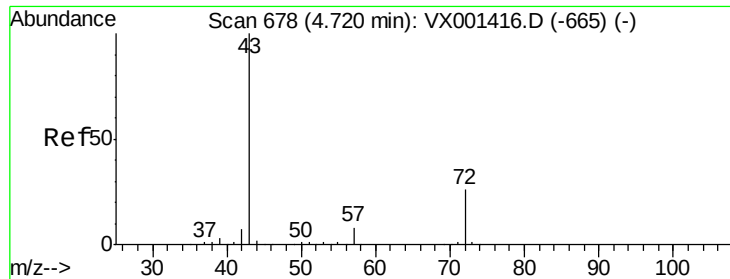
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 108.91 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 43 Resp: 288861

Ion Ratio Lower Upper

43 100

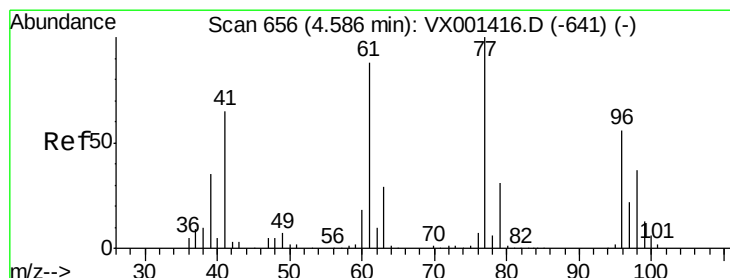
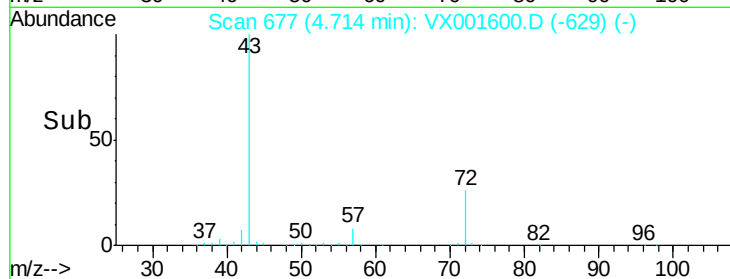
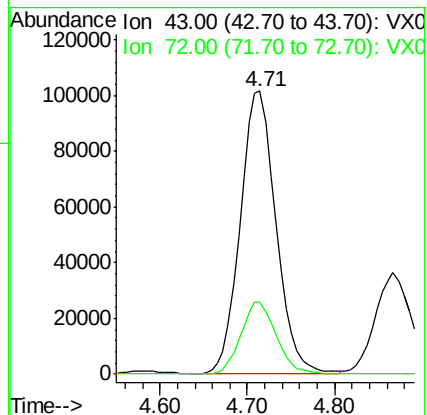
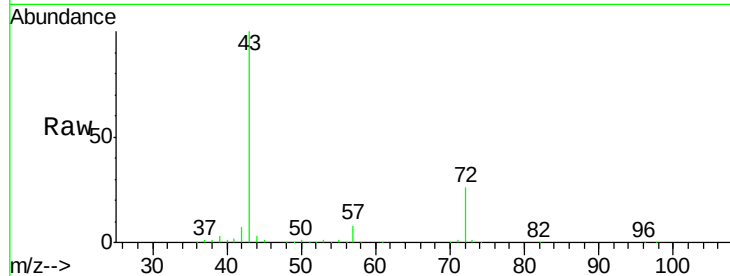
72 25.5 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 22.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001600.D

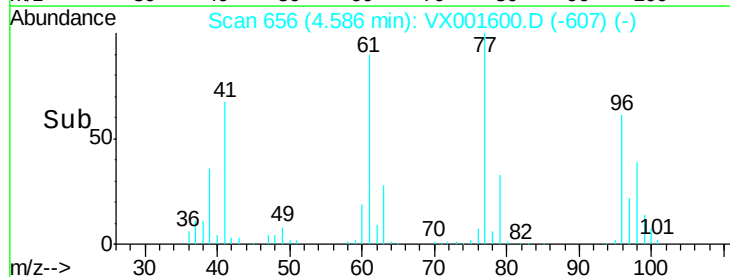
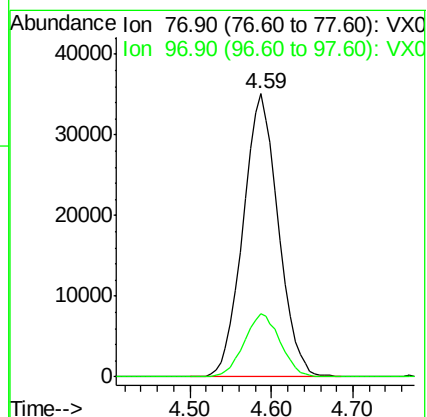
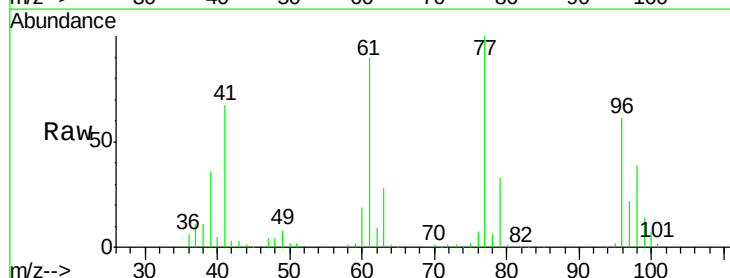
Acq: 10 May 2018 14:14

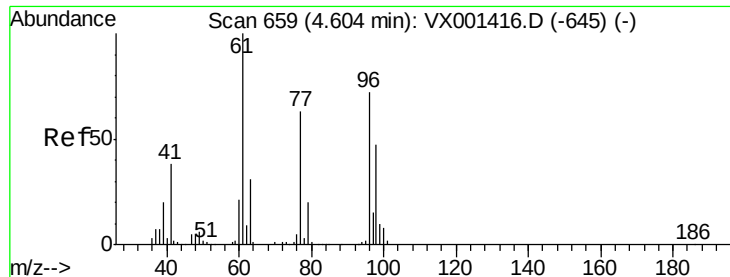
Tgt Ion: 77 Resp: 105499

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

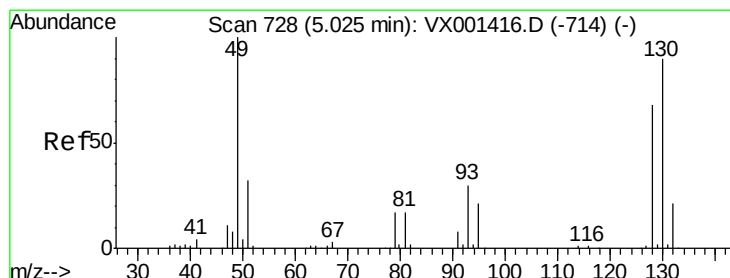
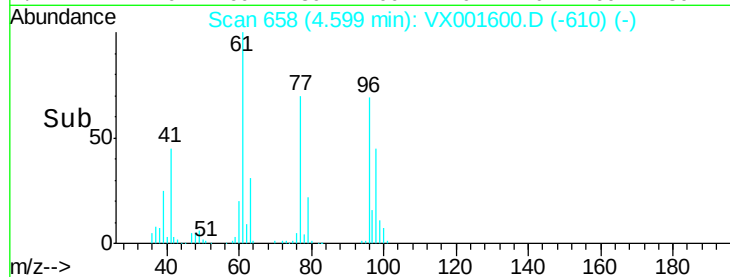
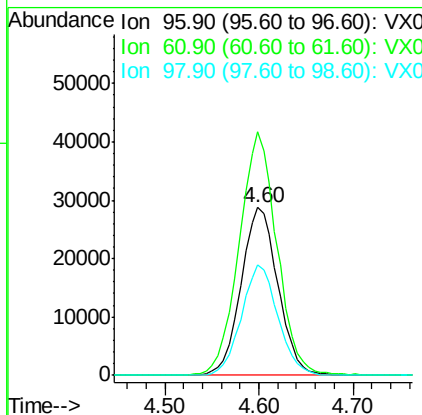
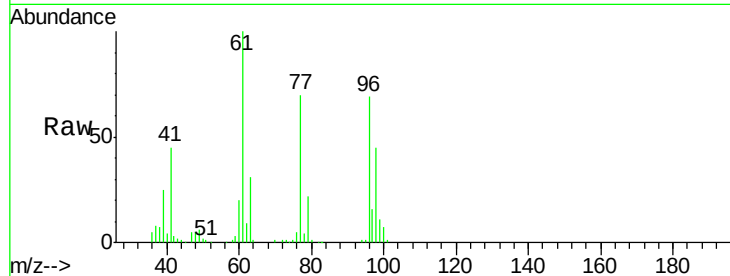
cis-1,2-Dichloroethene
 Concen: 21.30 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	301.6
98	65.5	0.0	131.6

Manual Integrations
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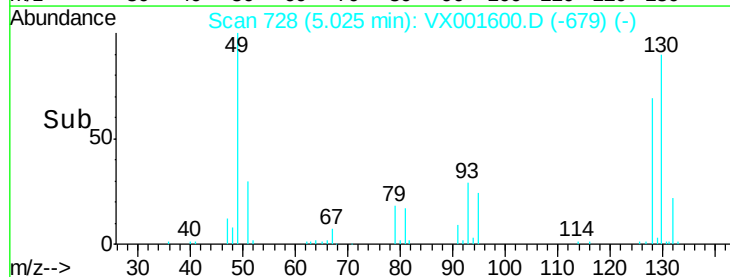
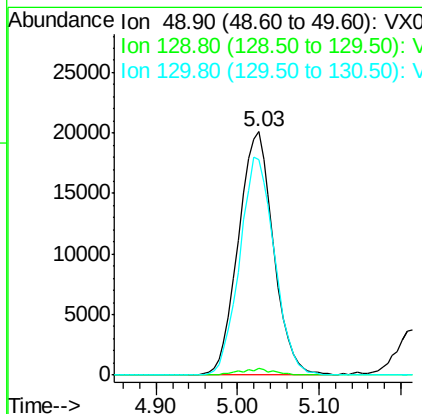
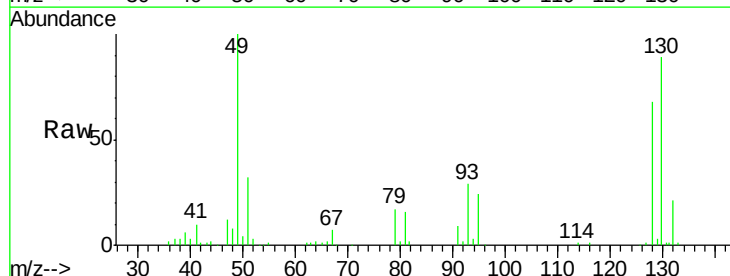
apatel
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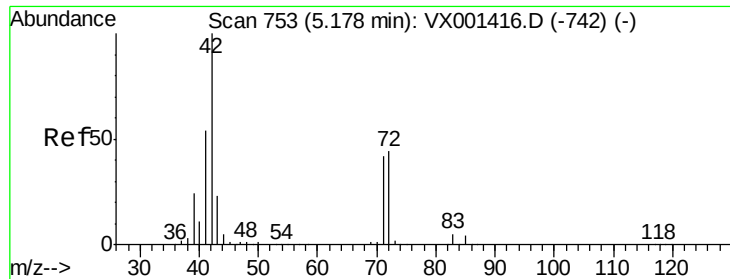


#28

Bromochloromethane
 Concen: 22.93 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	88.6	71.9	107.9





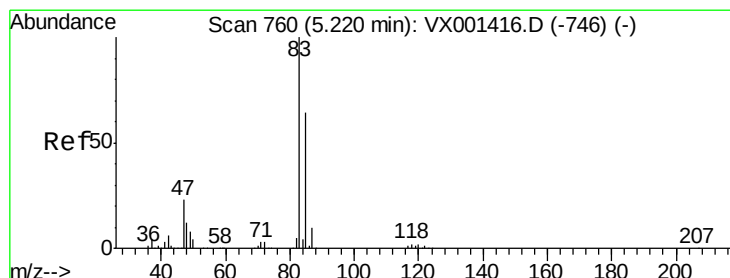
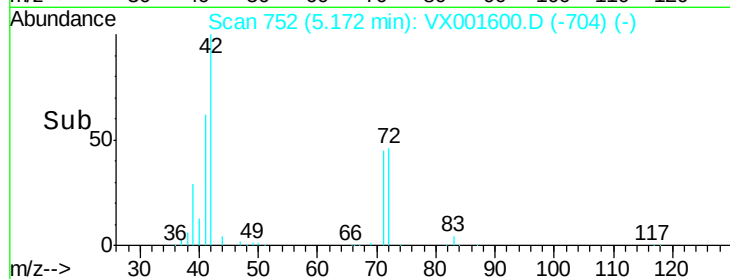
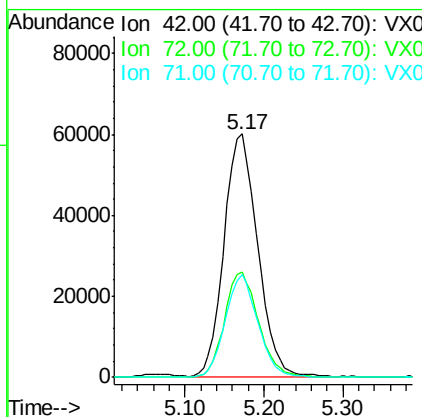
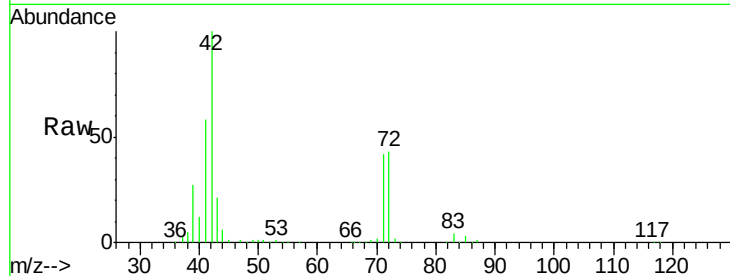
#29
Tetrahydrofuran
Concen: 104.76 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.4	53.2
71	41.2	33.0	49.4

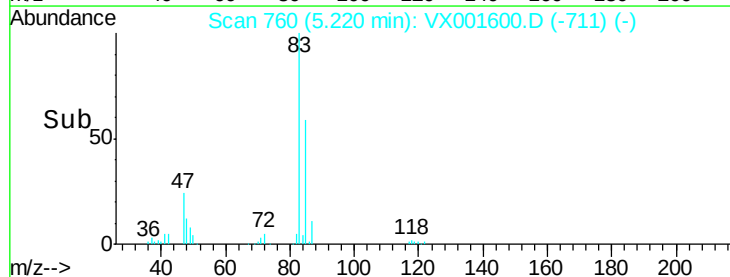
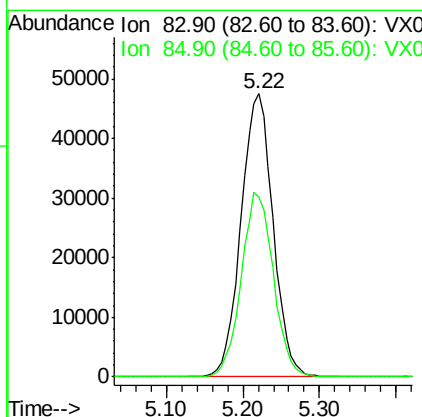
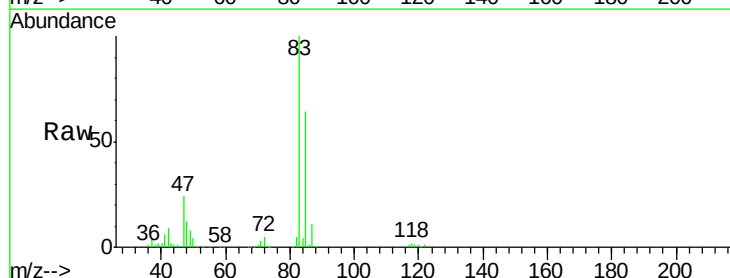
Manual Integrations
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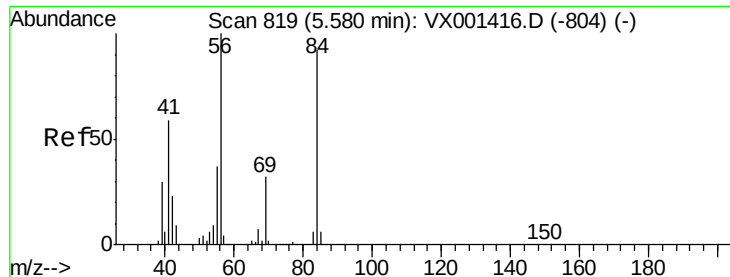
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#30
Chloroform
Concen: 22.13 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.0	76.4





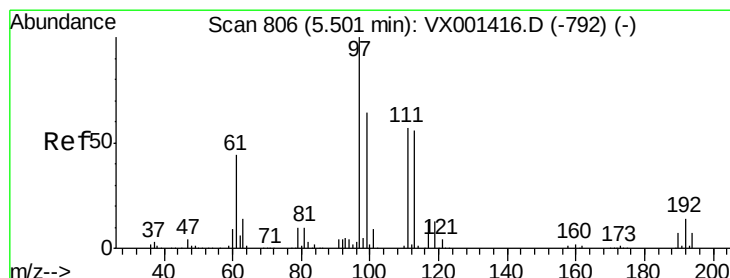
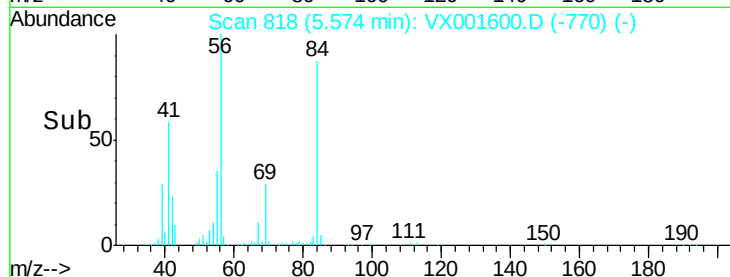
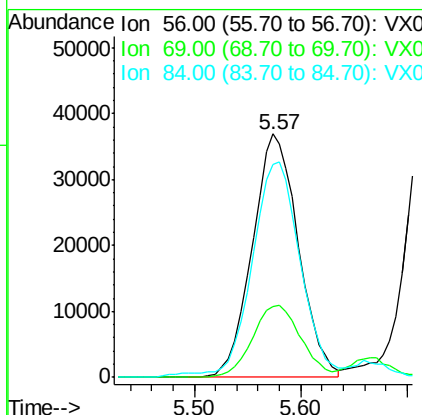
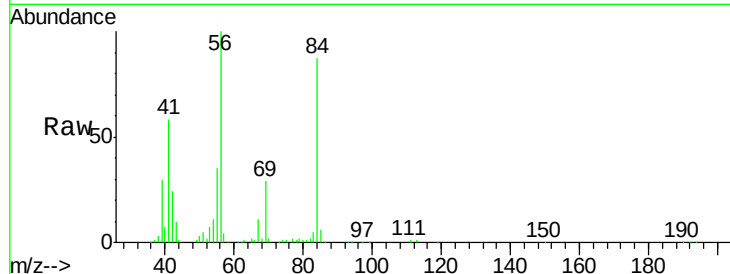
#31
Cyclohexane
Concen: 21.38 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	25.4	38.0
84	85.5	73.8	110.8

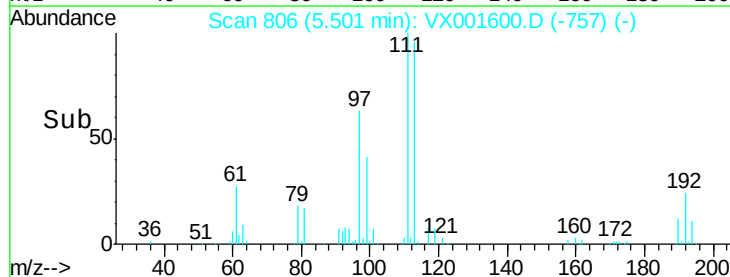
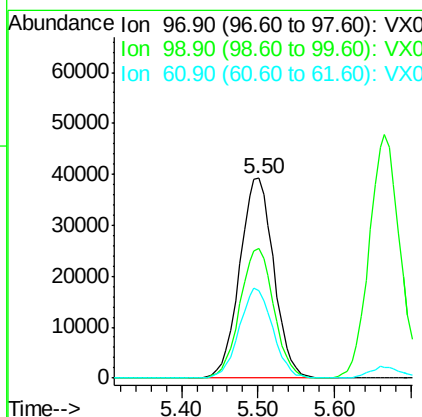
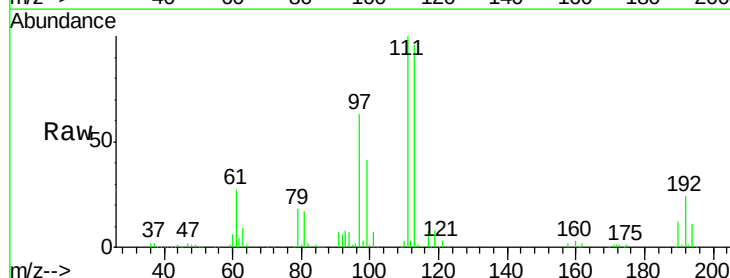
Manual Integrations
APPROVED

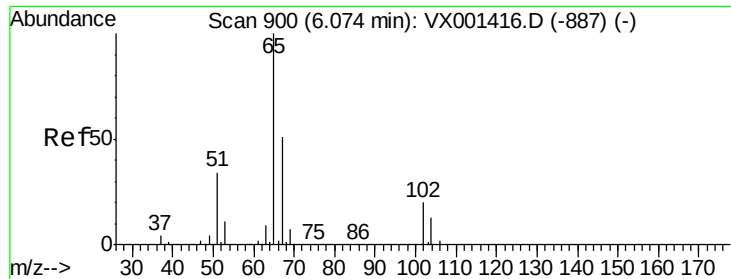
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#32
1,1,1-Trichloroethane
Concen: 22.25 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	44.4	34.8	52.2





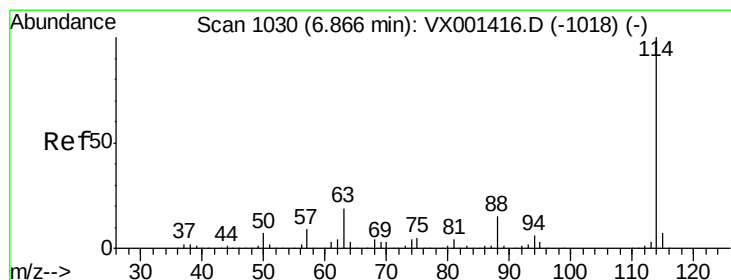
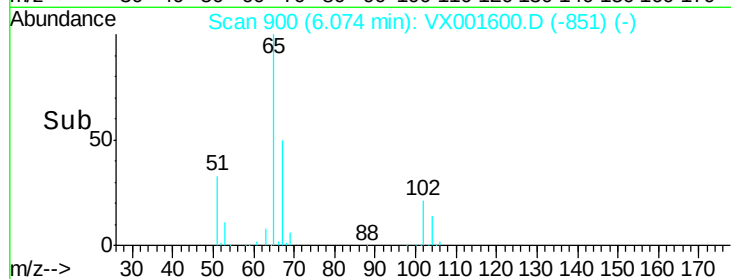
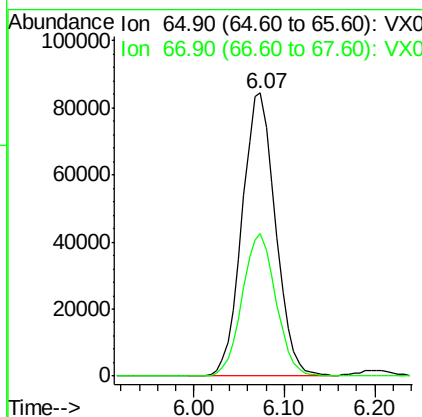
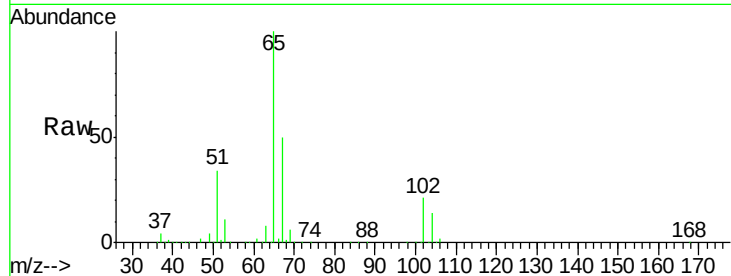
#33
 1,2-Dichloroethane-d4
 Concen: 53.66 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	216832		
67	50.6	0.0	101.8	

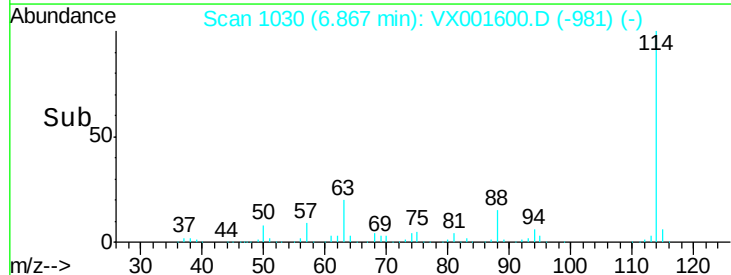
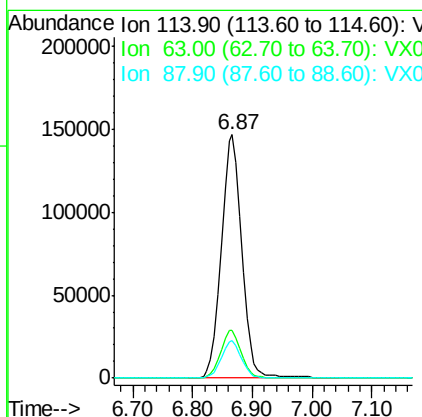
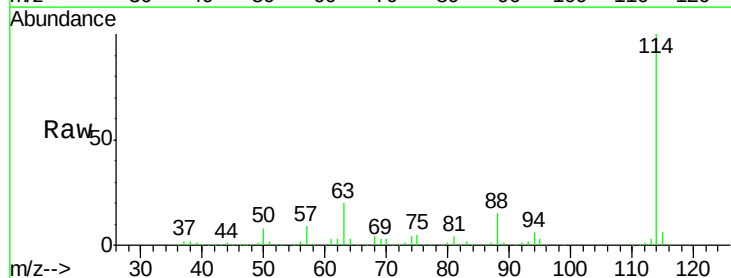
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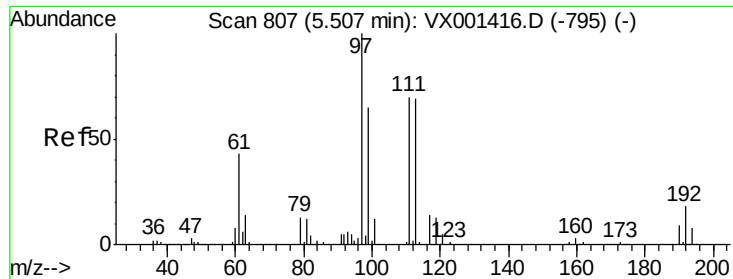
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	351578		
63	19.8	0.0	38.6	
88	15.2	0.0	30.8	





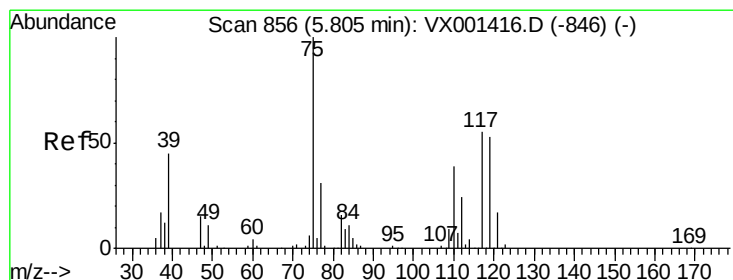
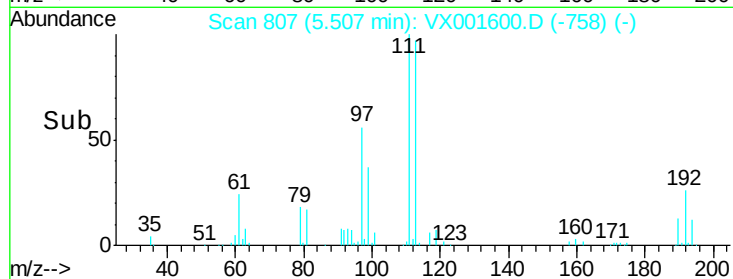
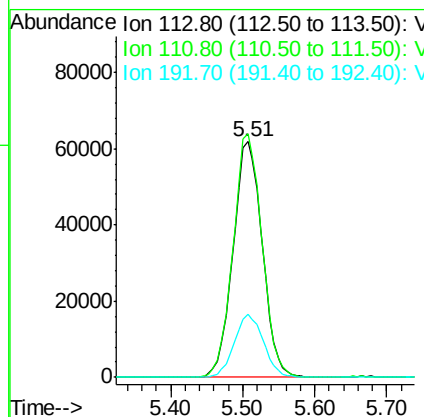
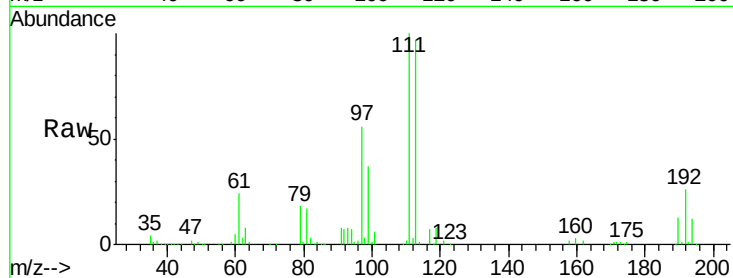
#35
 Dibromofluoromethane
 Concen: 55.82 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	174555		
111	102.1	82.2	123.2	
192	26.6	21.4	32.0	

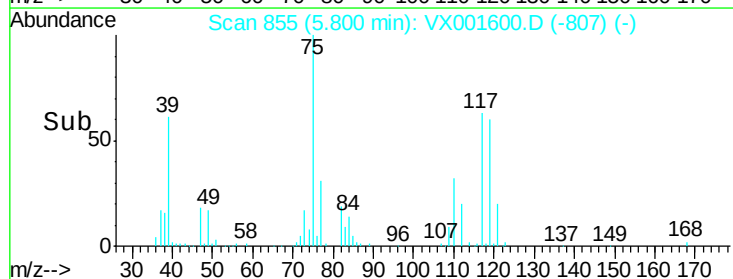
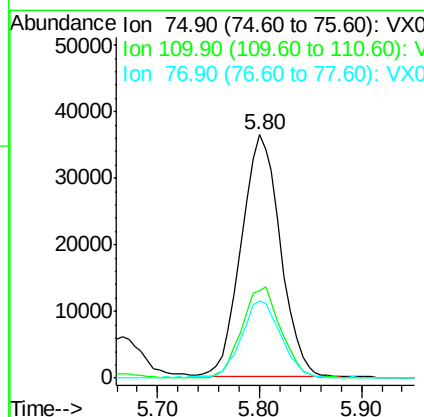
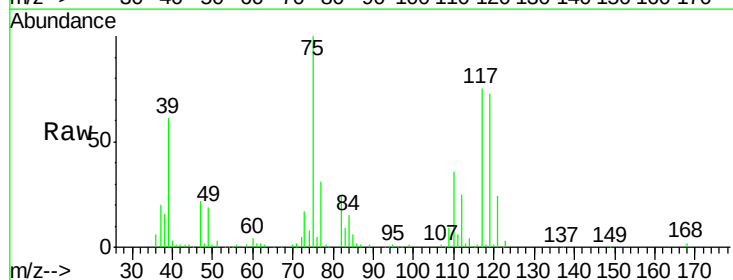
Manual Integrations
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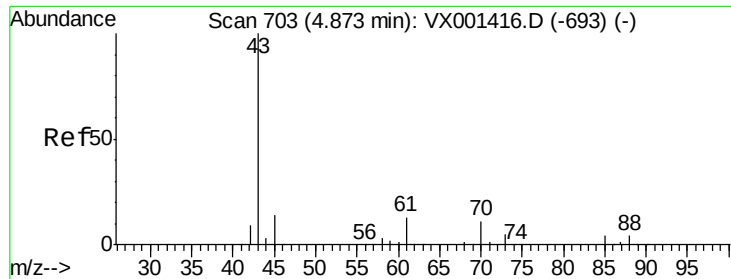
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#36
 1,1-Dichloropropene
 Concen: 21.63 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	96753		
110	38.2	18.9	56.7	
77	31.8	24.9	37.3	





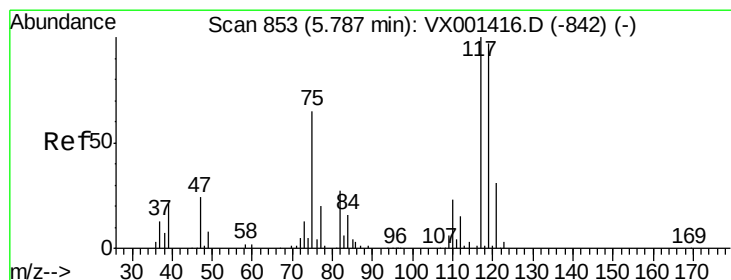
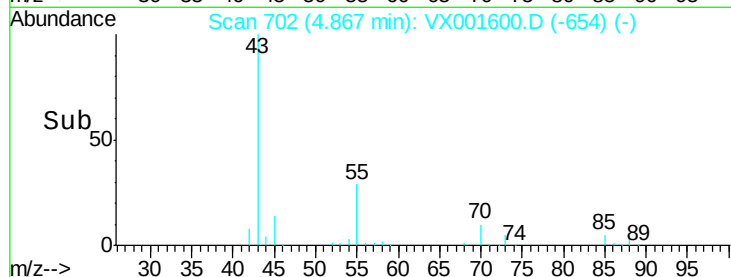
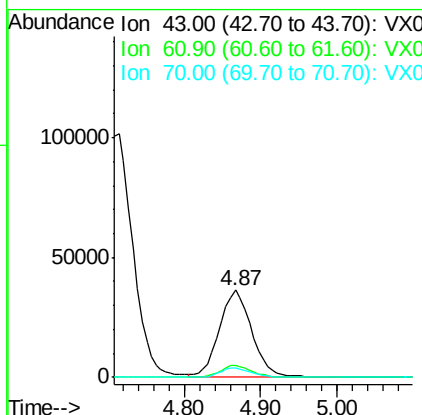
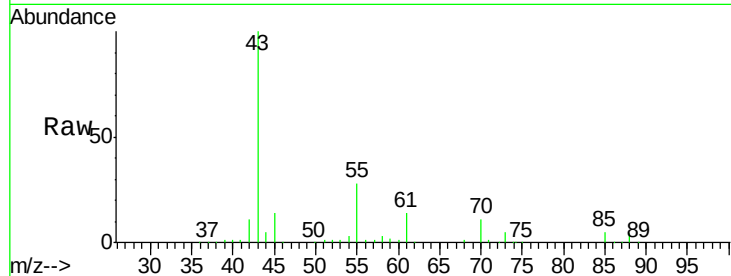
#37
Ethyl Acetate
Concen: 21.64 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.5	8.4	12.6

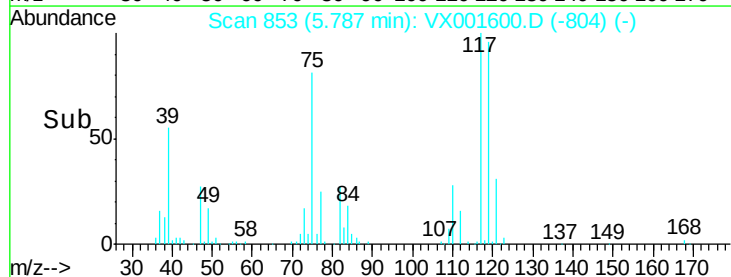
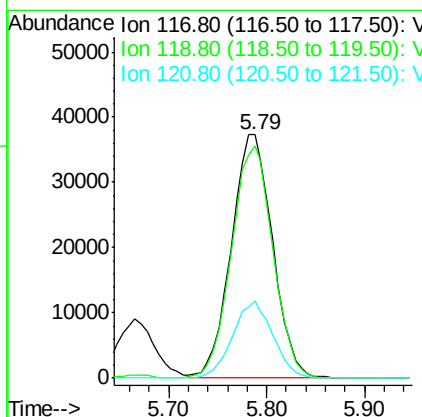
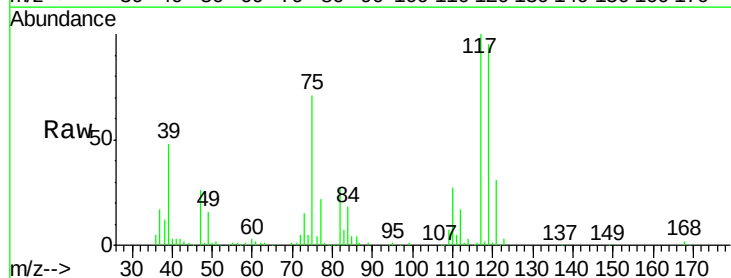
Manual Integrations
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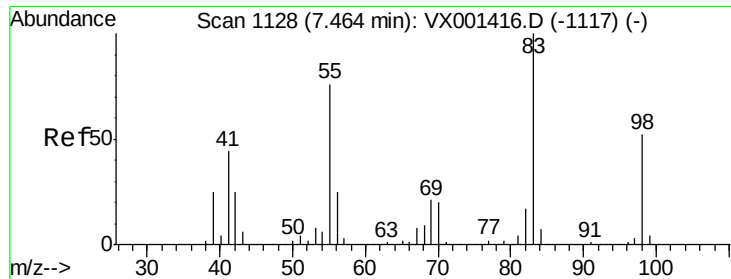
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#38
Carbon Tetrachloride
Concen: 22.88 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.0	115.6
121	31.5	25.1	37.7





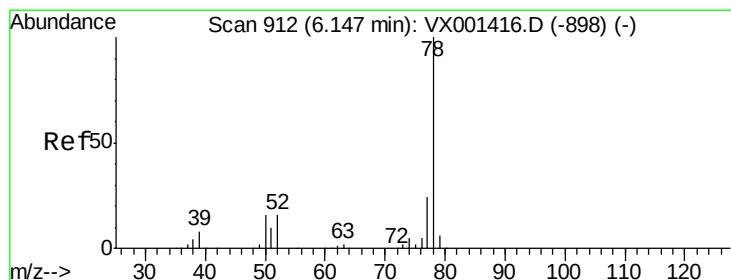
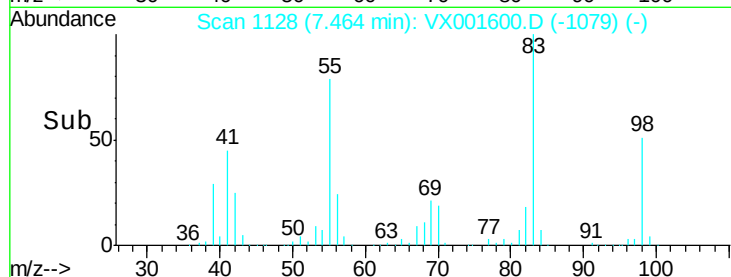
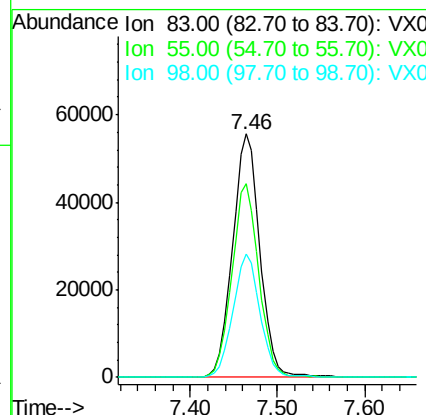
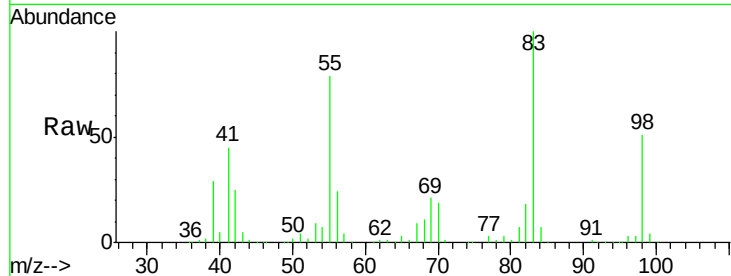
#39
Methylvlcyclohexane
Concen: 22.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.3	60.9	91.3	
98	50.7	41.9	62.9	

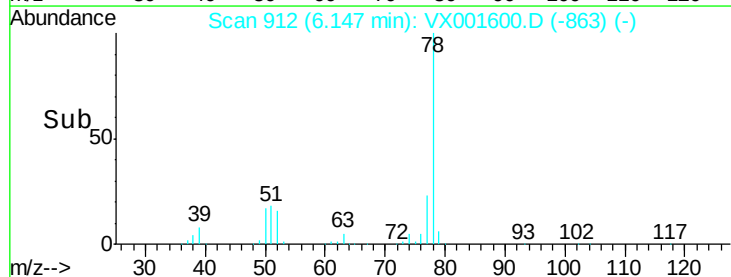
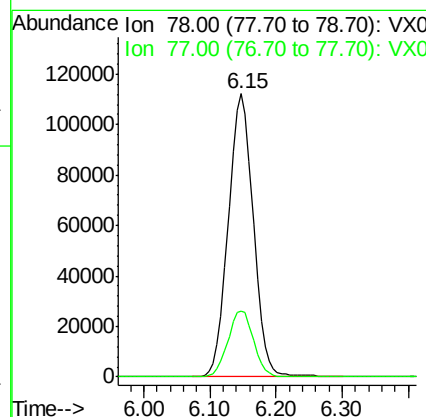
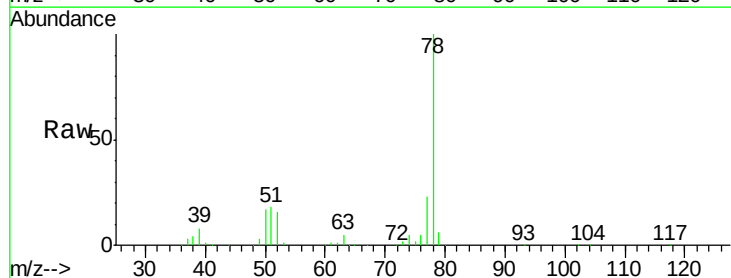
Manual Integrations
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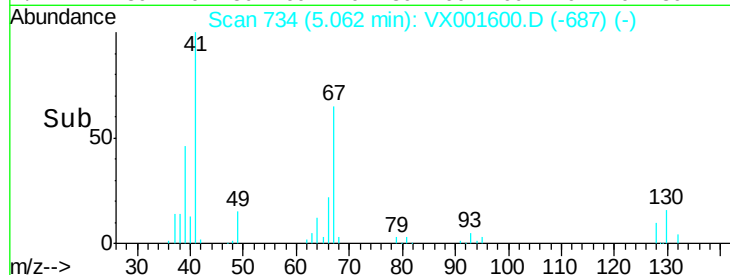
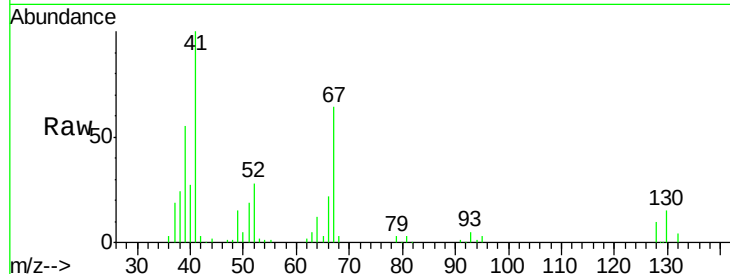
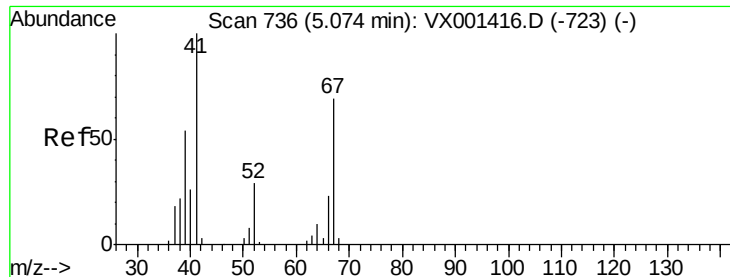
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#40
Benzene
Concen: 22.64 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	19.4	29.2	





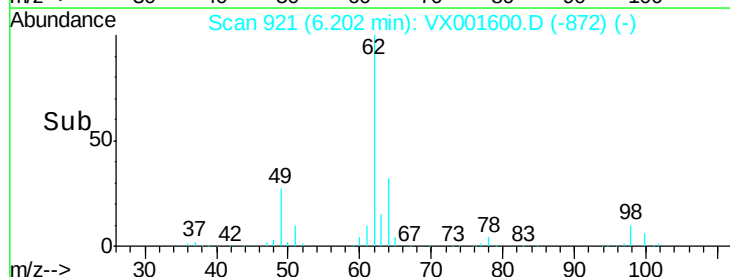
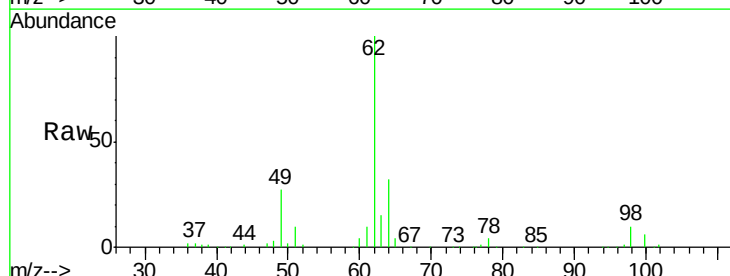
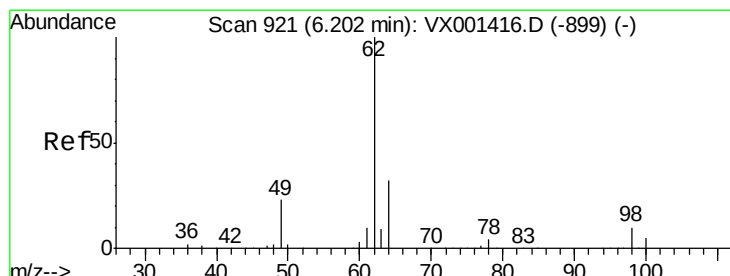
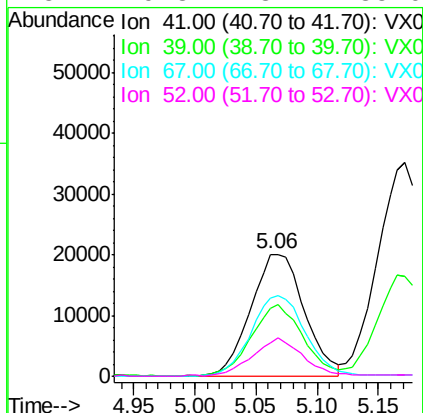
#41
Methacrylonitrile
Concen: 21.89 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tot Ion:	41	Resp:	61411
Ion Ratio	Lower	Upper	
41	100		
39	55.7	45.0	67.6
67	67.1	55.0	82.6
52	29.8	23.4	35.0

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

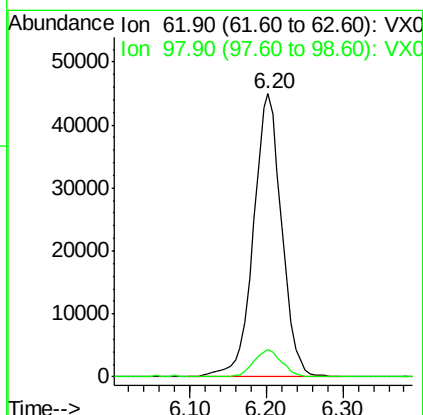
Manual Integrations
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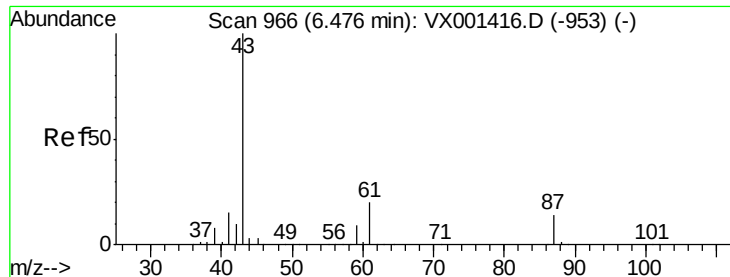
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#42
1,2-Dichloroethane
Concen: 22.87 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion:	62	Resp:	114829
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	19.0





#43

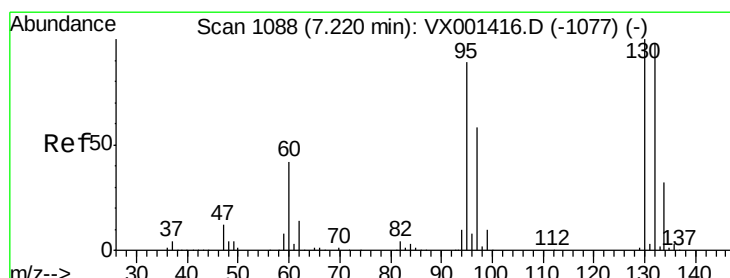
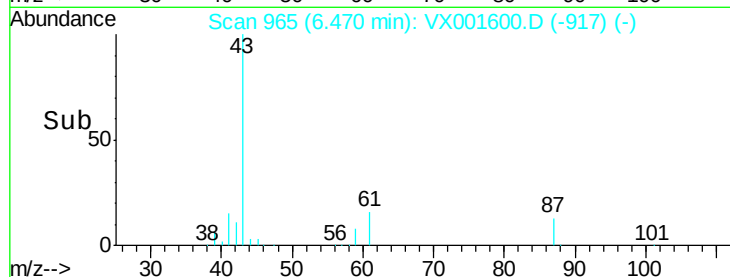
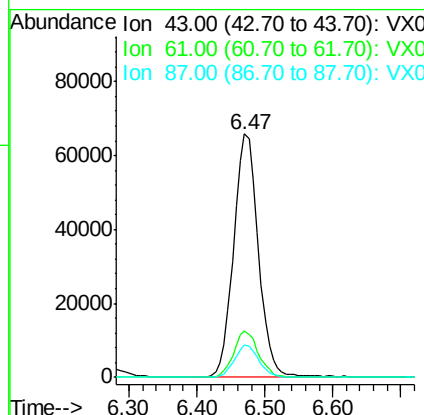
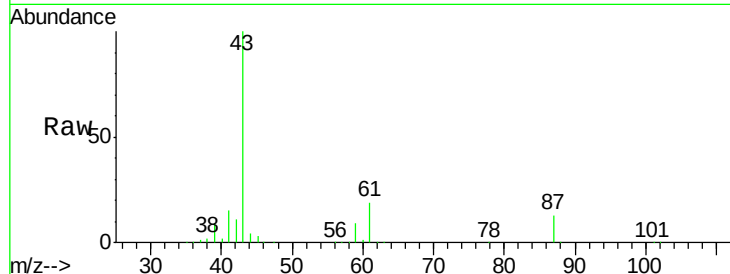
Isopropyl Acetate
 Concen: 22.04 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.0
87	13.2	10.8	16.2

Manual Integrations
 APPROVED

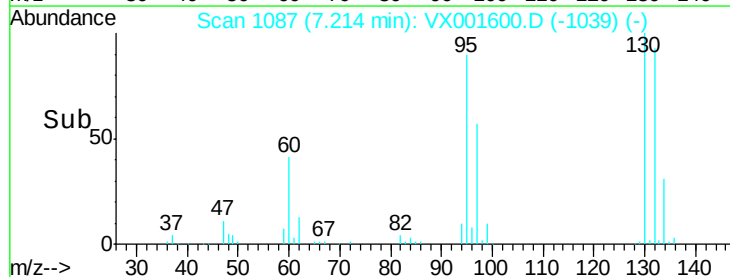
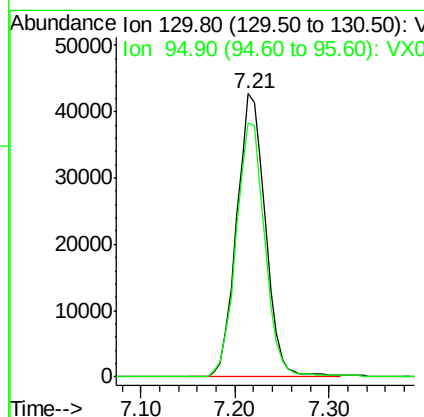
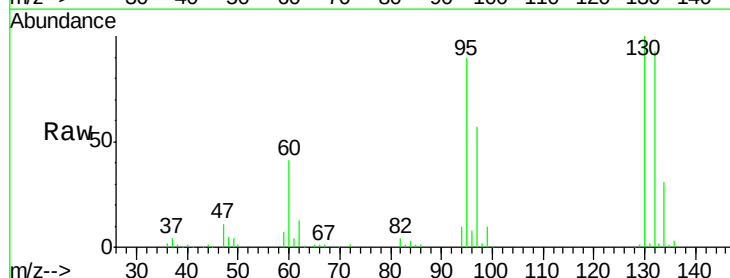
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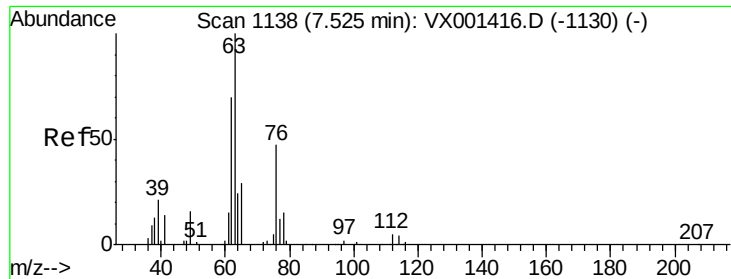


#44

Trichloroethene
 Concen: 22.74 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	178.4





#45

1,2-Dichloropropane

Concen: 23.12 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

Tot Ion: 63 Resp: 75301

Ion Ratio Lower Upper

63 100

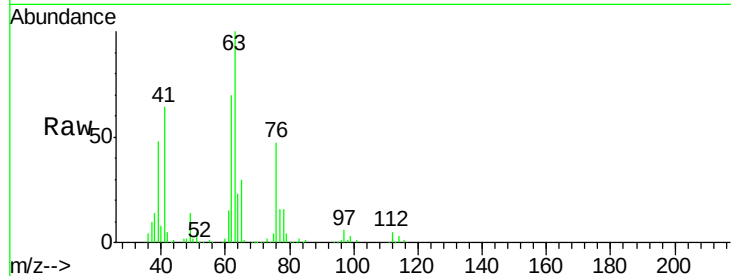
65 30.3 24.5 36.7

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

40000

30000

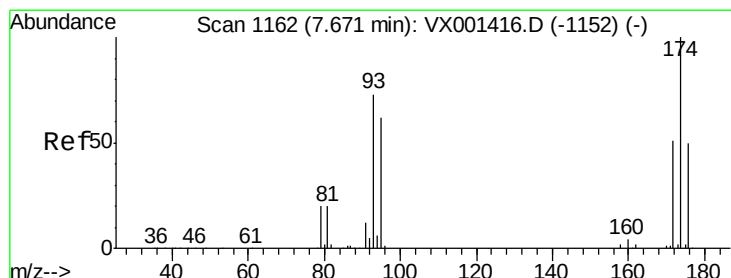
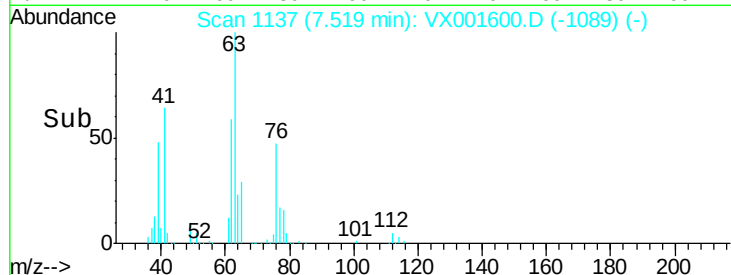
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 22.41 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

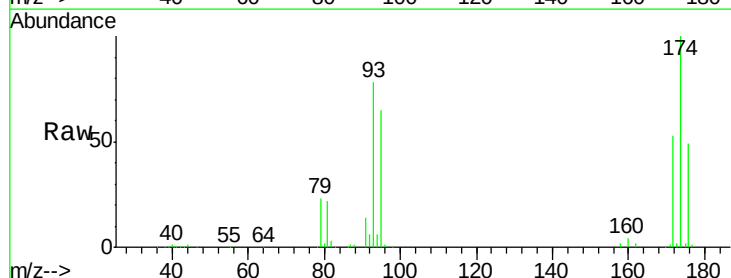
Tgt Ion: 93 Resp: 51675

Ion Ratio Lower Upper

93 100

95 82.1 67.0 100.4

174 129.3 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

40000

30000

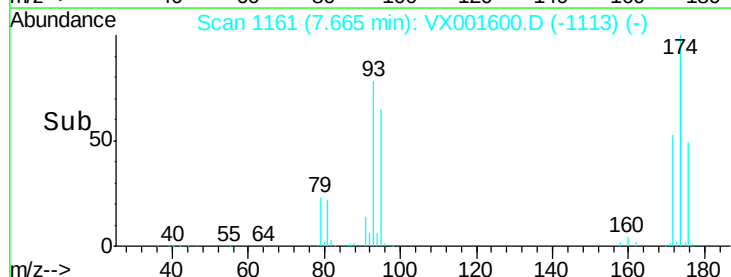
20000

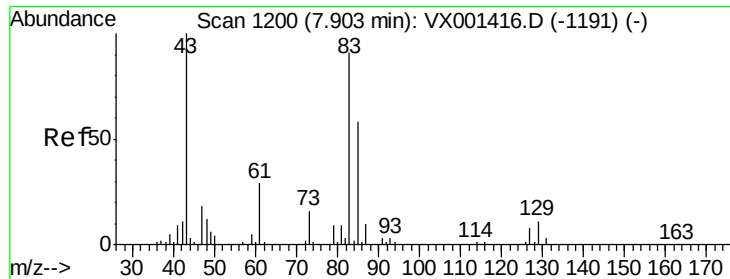
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 22.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

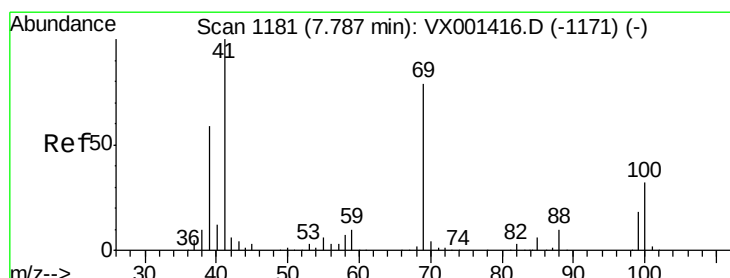
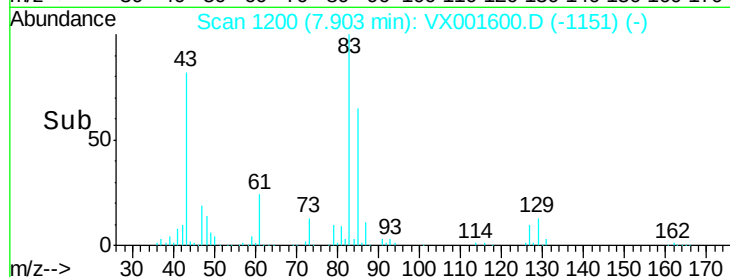
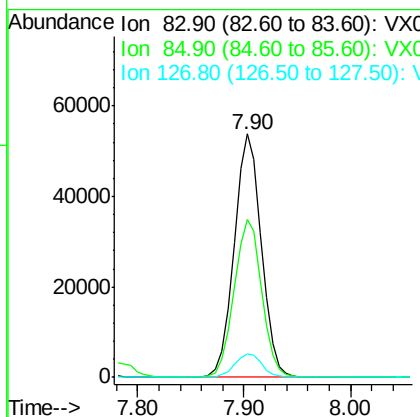
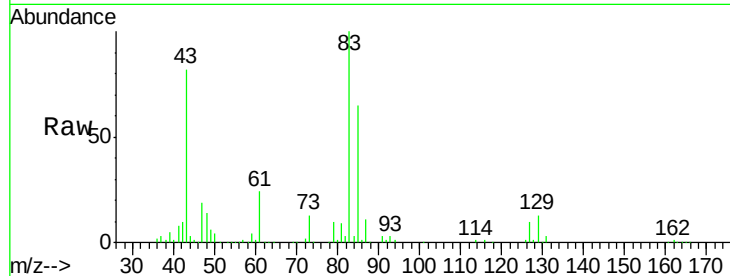
ClientSampleId :

VX0510WBS01

Tot Ion:	83	Resp:	96270
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.0	76.6
127	9.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.02 ug/l

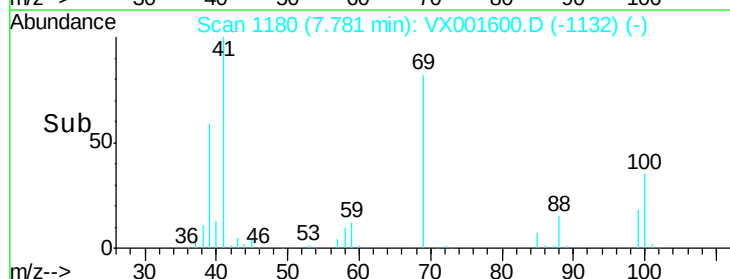
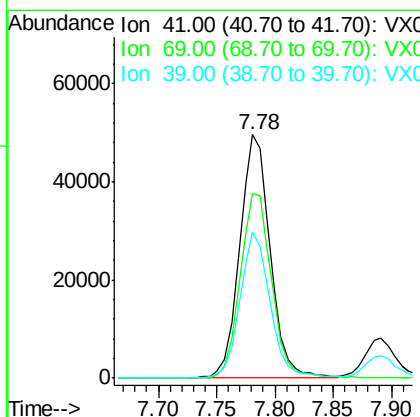
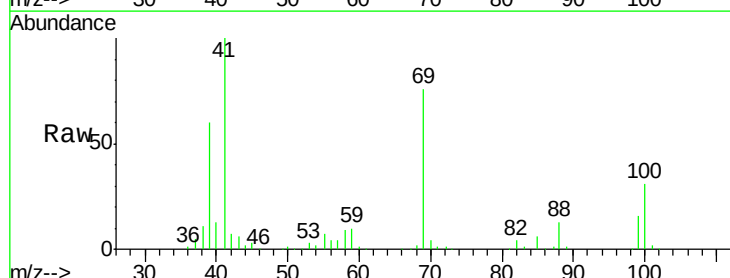
RT: 7.78 min Scan# 1180

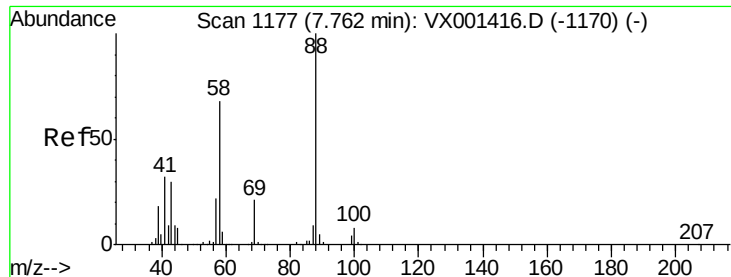
Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion:	41	Resp:	90231
Ion	Ratio	Lower	Upper
41	100		
69	79.2	63.4	95.2
39	58.8	47.0	70.4





#49

1,4-Dioxane

Concen: 434.95 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

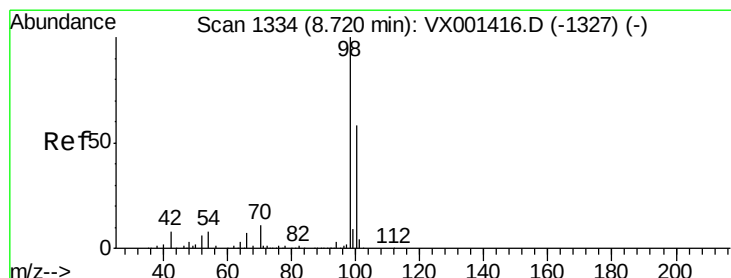
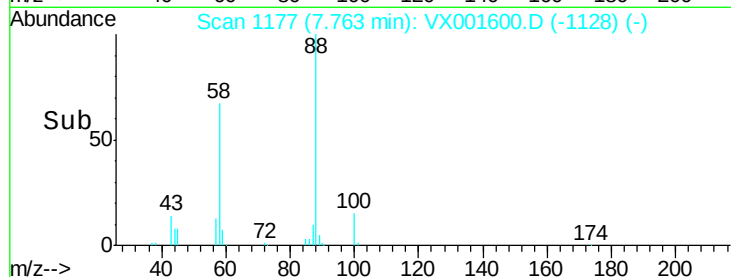
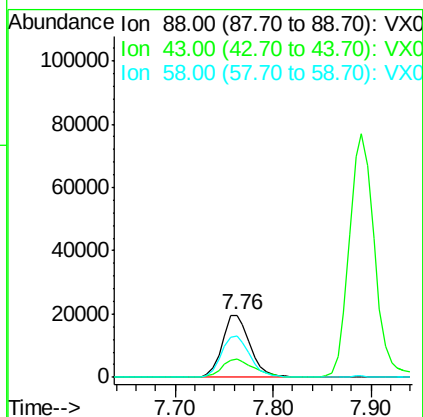
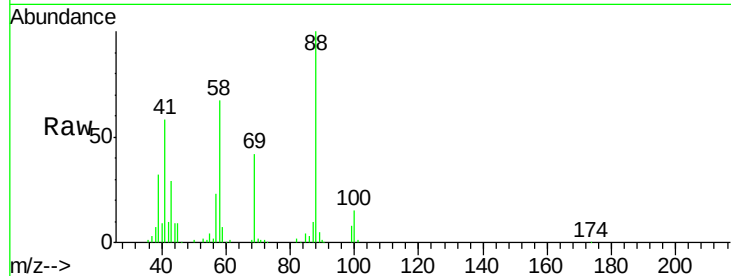
ClientSampleId :

VX0510WBS01

Tot Ion:	88	Resp:	38508
Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.4	39.6
58	69.7	54.1	81.1

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#50

Toluene-d8

Concen: 55.68 ug/l

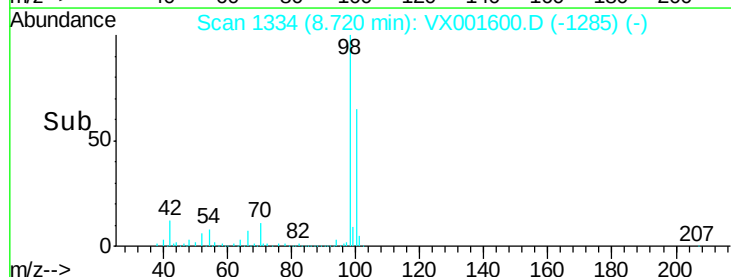
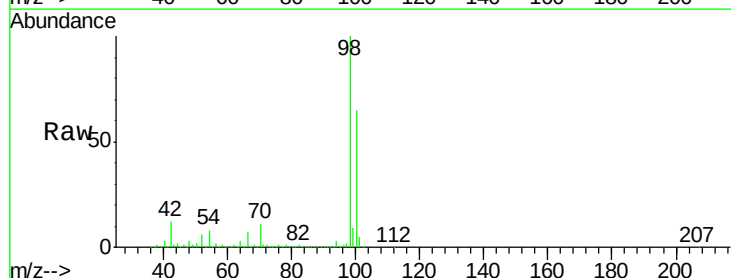
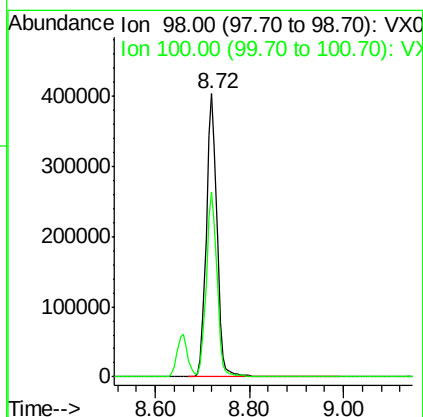
RT: 8.72 min Scan# 1334

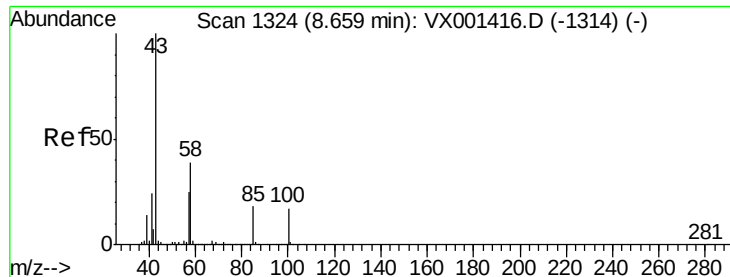
Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion:	98	Resp:	635607
Ion	Ratio	Lower	Upper
98	100		
100	65.9	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 113.98 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 43 Resp: 569987

Ion Ratio Lower Upper

43 100

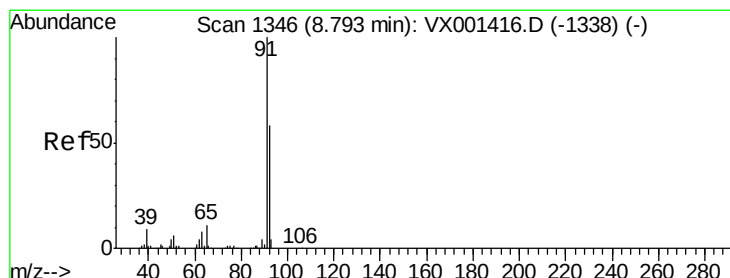
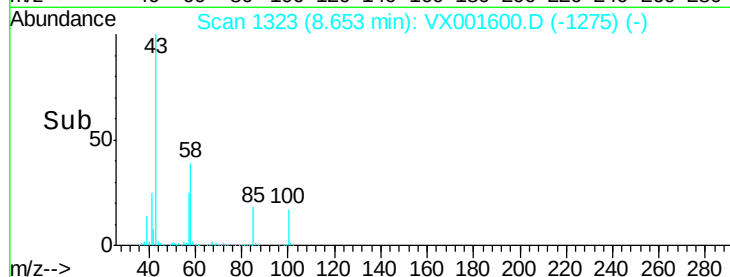
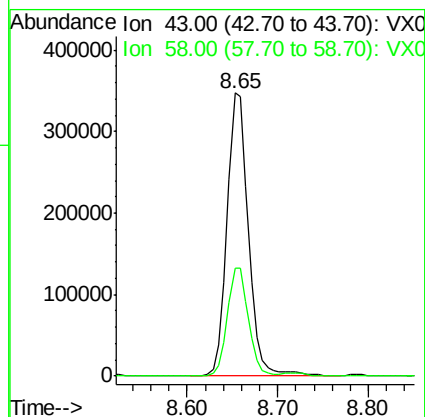
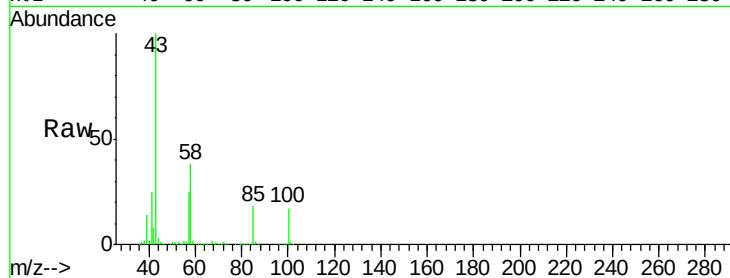
58 37.8 30.8 46.2

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#52

Toluene

Concen: 22.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001600.D

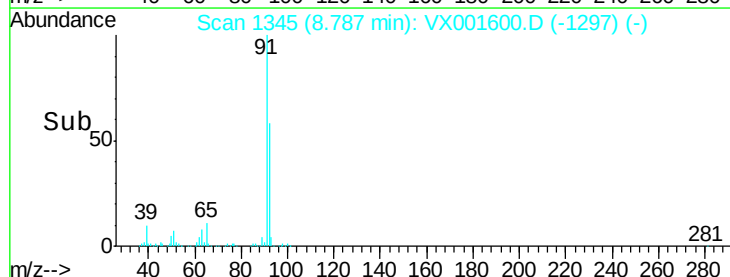
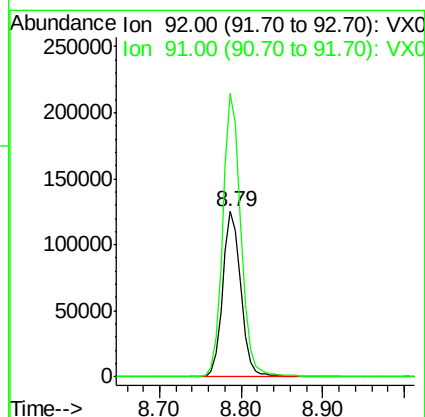
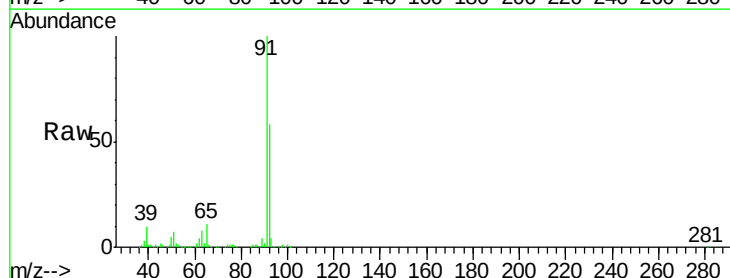
Acq: 10 May 2018 14:14

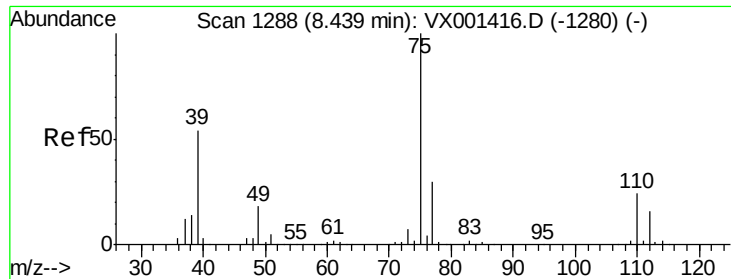
Tgt Ion: 92 Resp: 195414

Ion Ratio Lower Upper

92 100

91 171.2 135.2 202.8





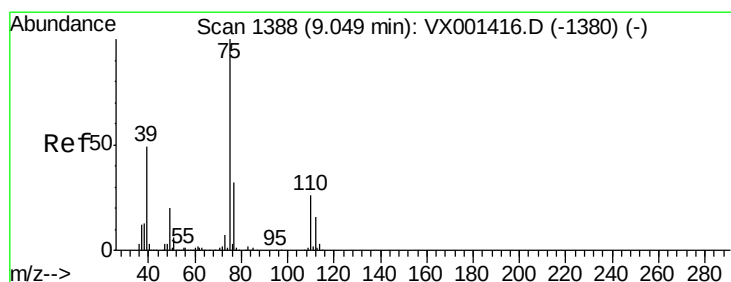
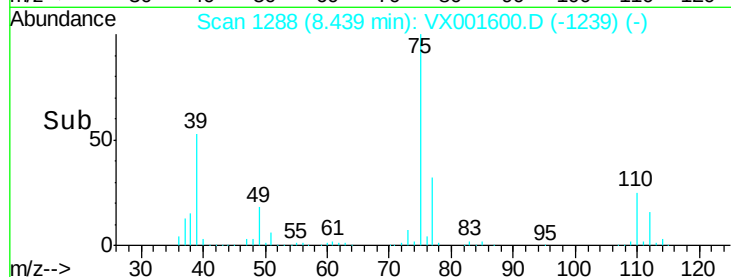
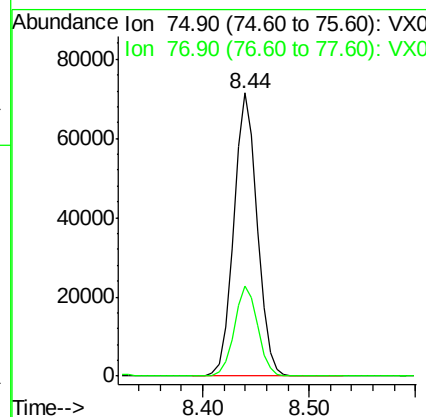
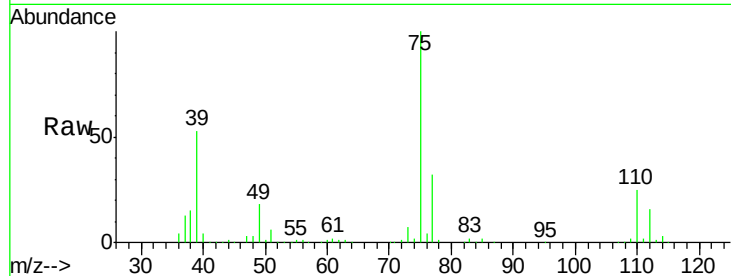
#53
t-1,3-Dichloropropene
Concen: 22.90 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion: 75 Resp: 110434
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.4

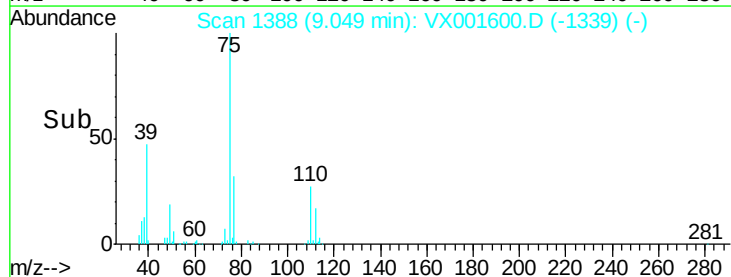
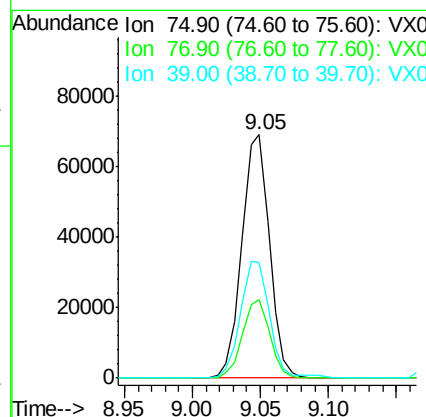
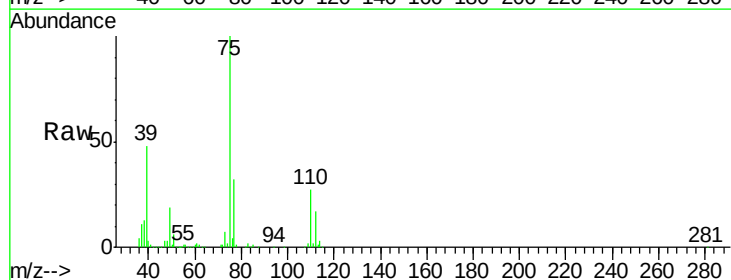
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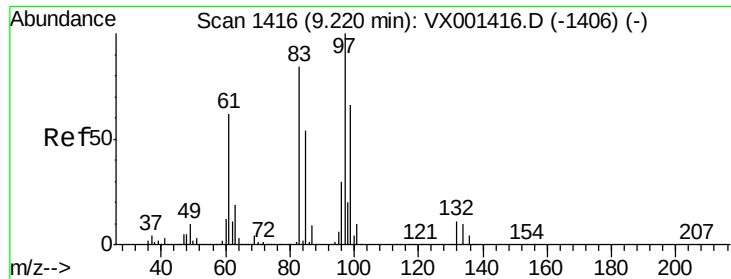
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#54
cis-1,3-Dichloropropene
Concen: 21.08 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 75 Resp: 98250
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
39 47.7 38.9 58.3





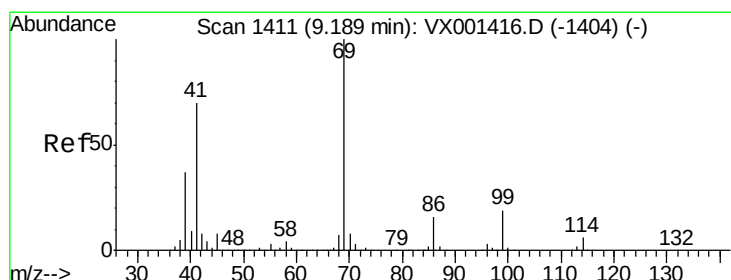
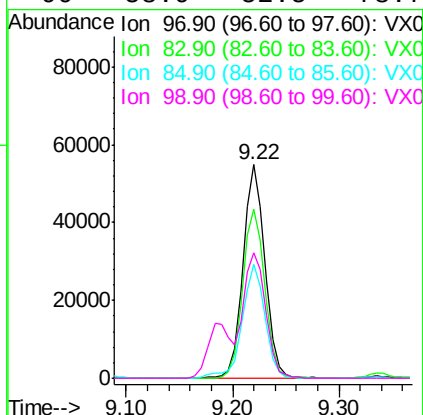
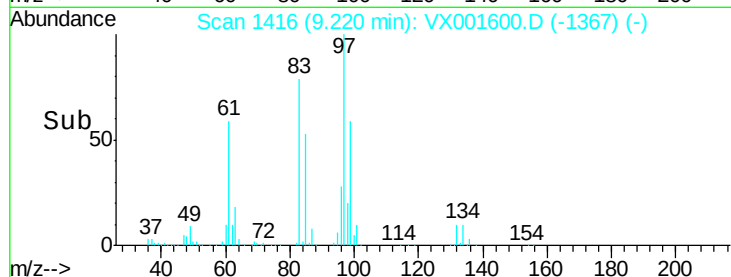
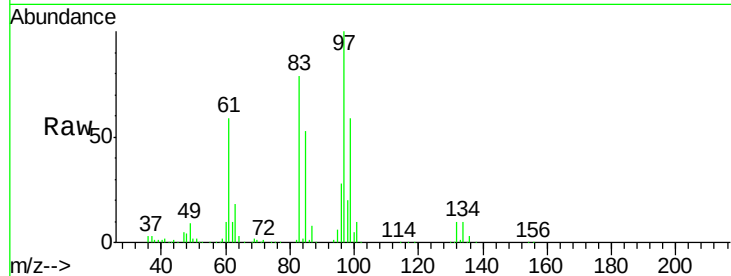
#55
 1,1,2-Trichloroethane
 Concen: 22.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion:	97	Resp:	78900
Ion Ratio	Lower	Upper	
97	100		
83	79.4	67.4	101.0
85	53.1	43.3	64.9
99	58.9	52.5	78.7

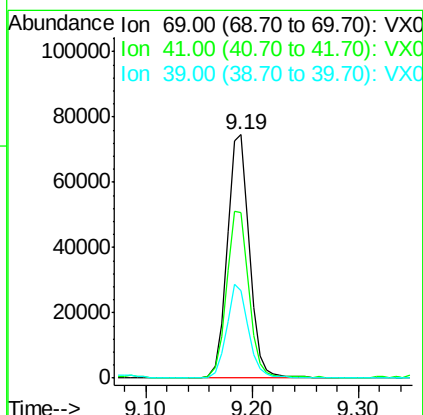
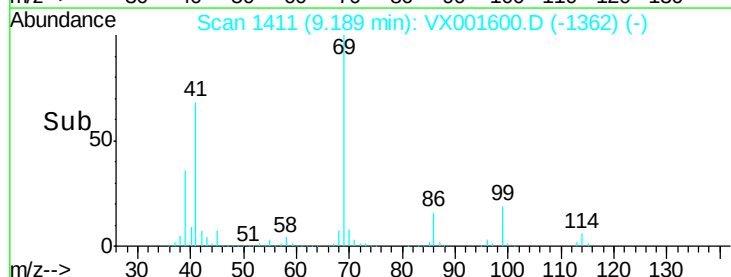
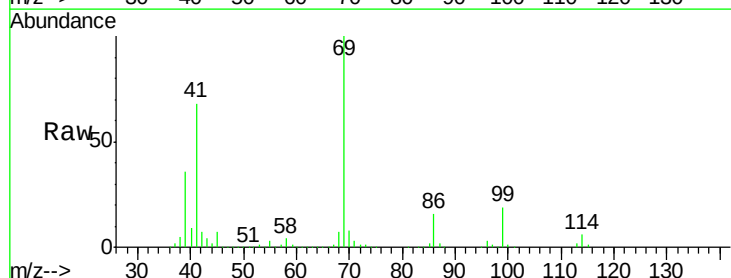
Manual Integrations
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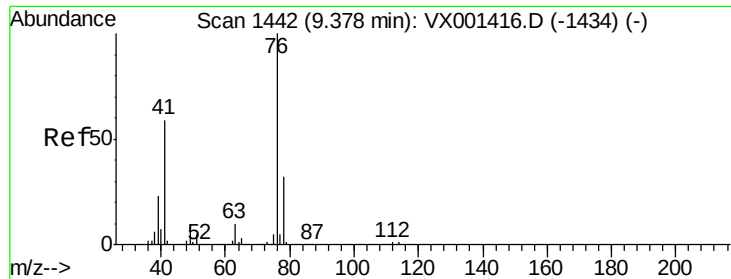
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#56
 Ethyl methacrylate
 Concen: 22.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion:	69	Resp:	109133
Ion Ratio	Lower	Upper	
69	100		
41	68.4	55.1	82.7
39	37.4	29.9	44.9





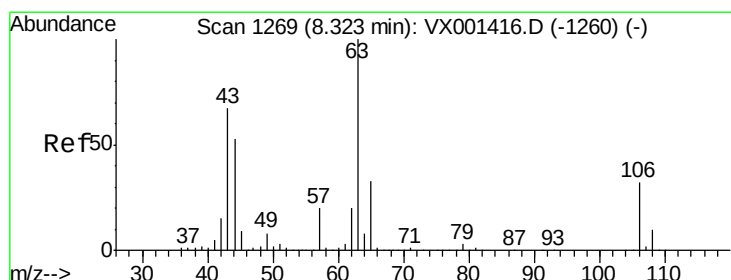
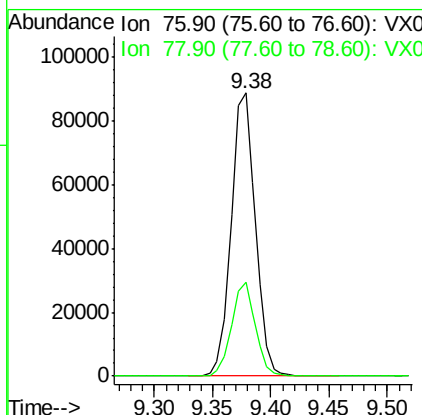
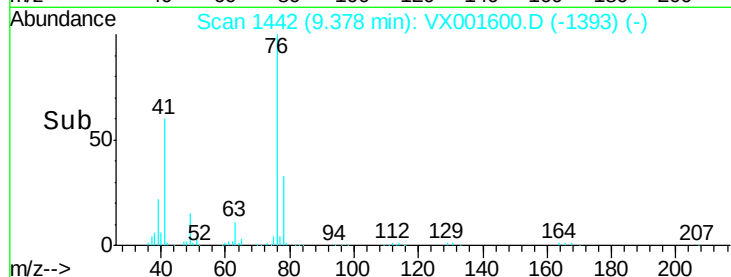
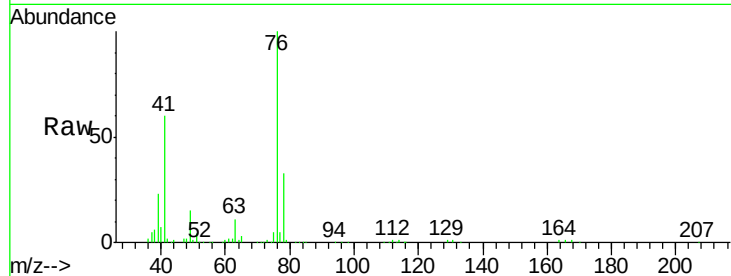
#57
 1,3-Dichloropropane
 Concen: 22.60 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

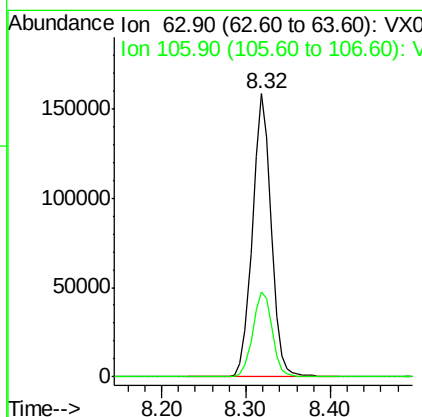
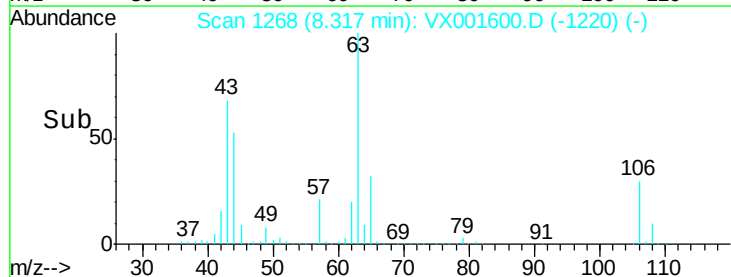
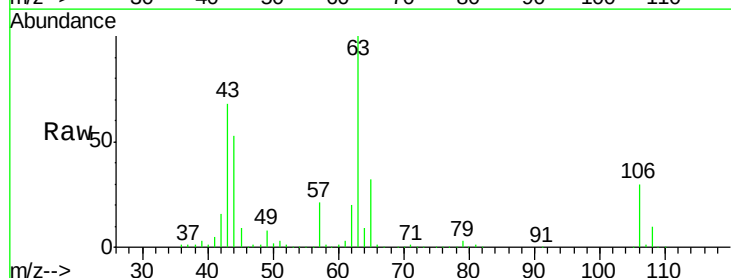
Manual Integrations
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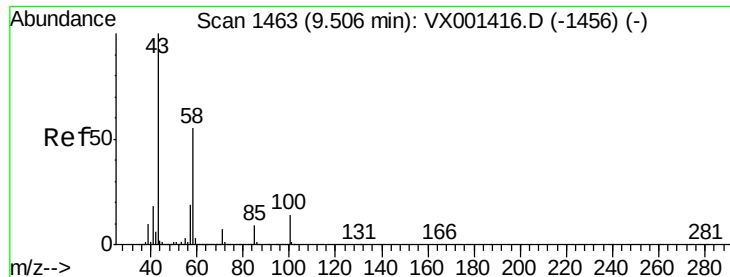
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.00 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.4	38.0





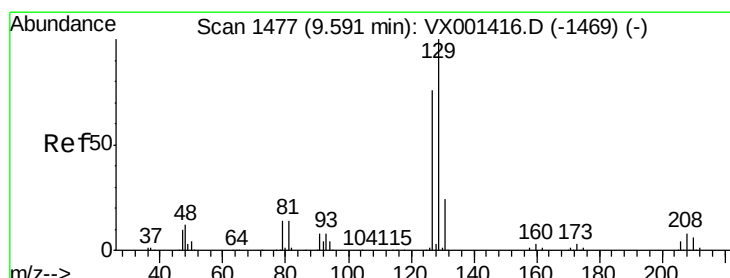
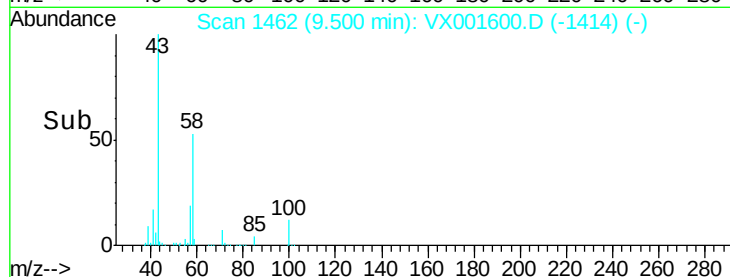
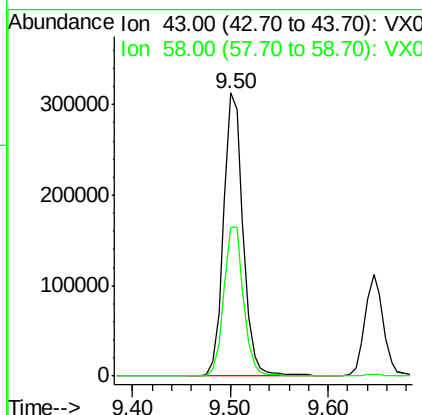
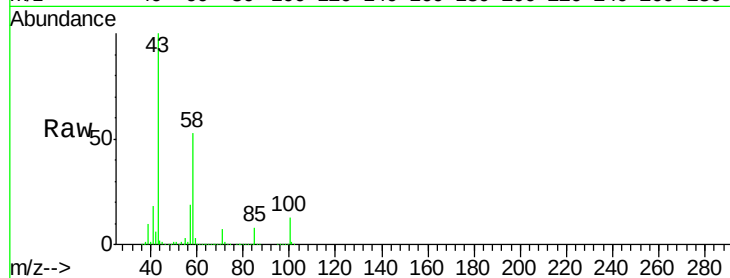
#59
2-Hexanone
Concen: 113.47 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.5	27.1	81.2

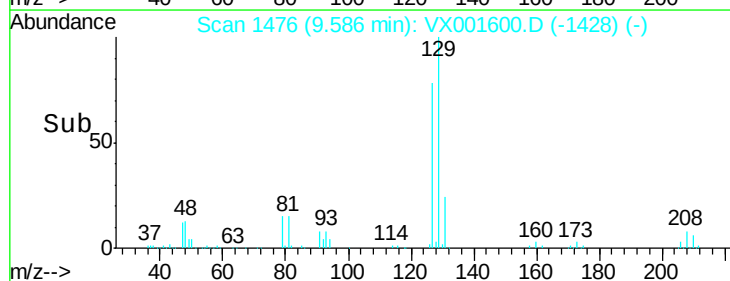
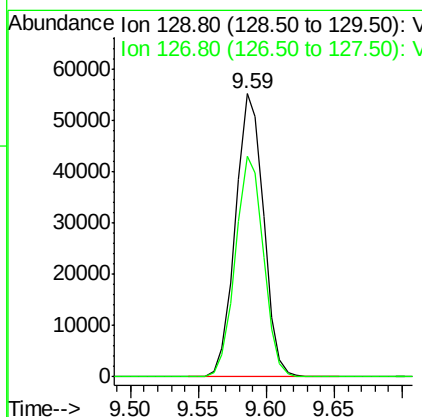
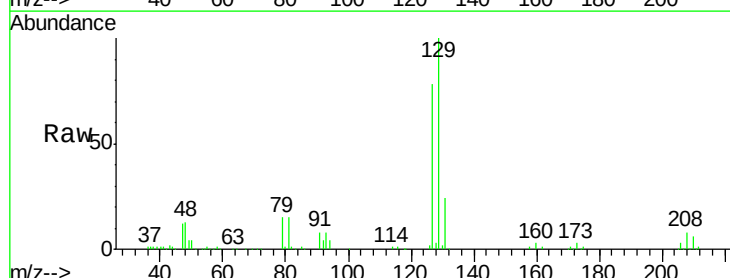
Manual Integrations
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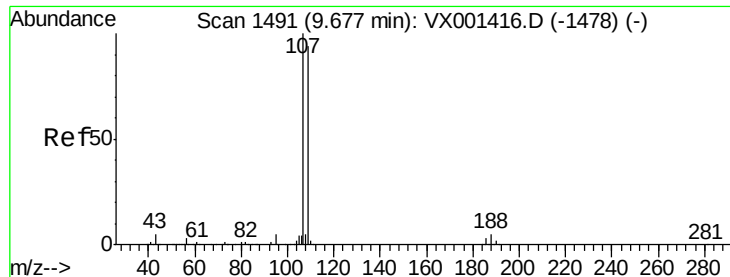
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#60
Dibromochloromethane
Concen: 22.51 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.1	114.5





#61

1,2-Dibromoethane

Concen: 22.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion:107 Resp: 81975

Ion Ratio Lower Upper

107 100

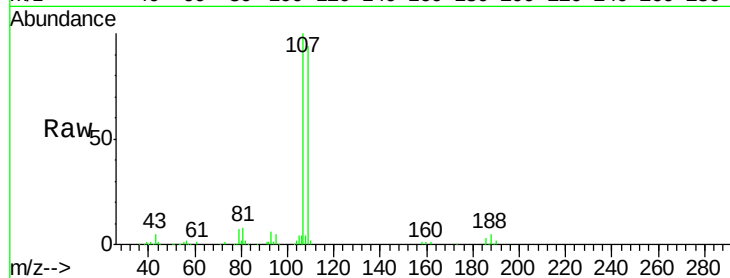
109 94.6 75.5 113.3

Manual Integrations

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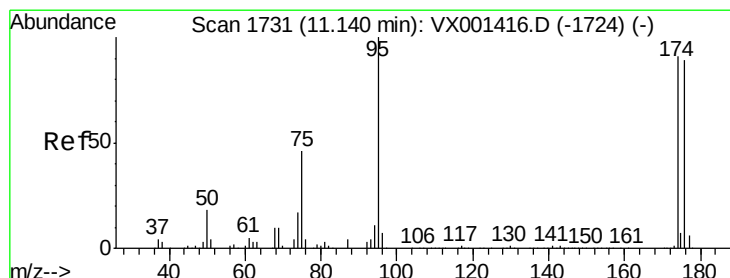
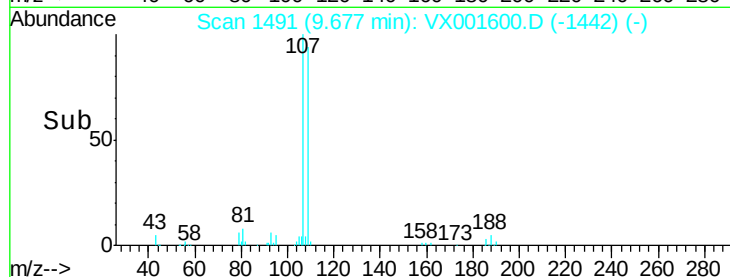
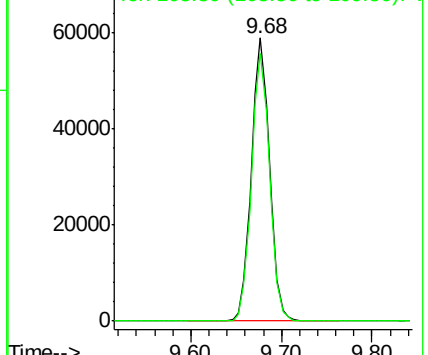
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

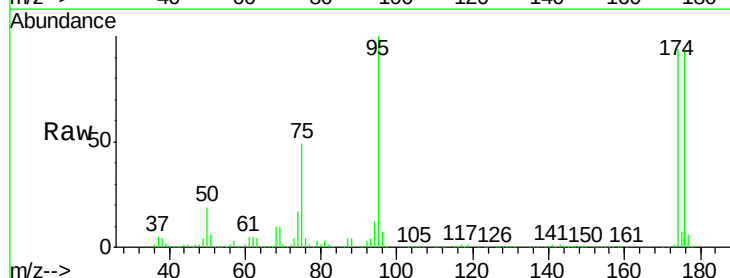
Tgt Ion: 95 Resp: 240400

Ion Ratio Lower Upper

95 100

174 100.8 0.0 202.0

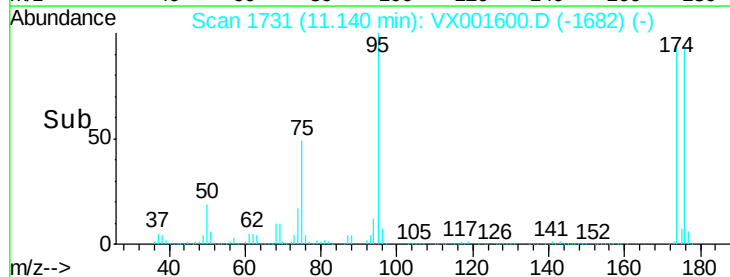
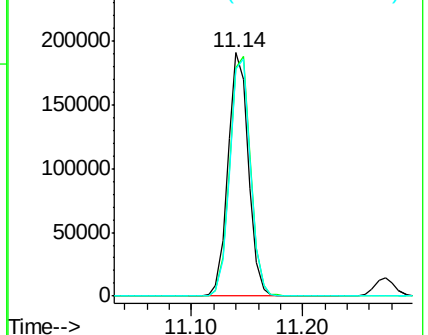
176 99.1 0.0 197.4

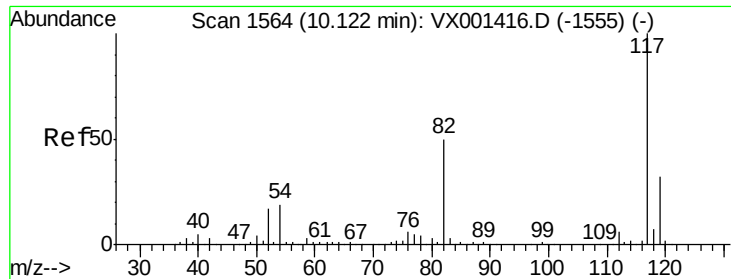


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





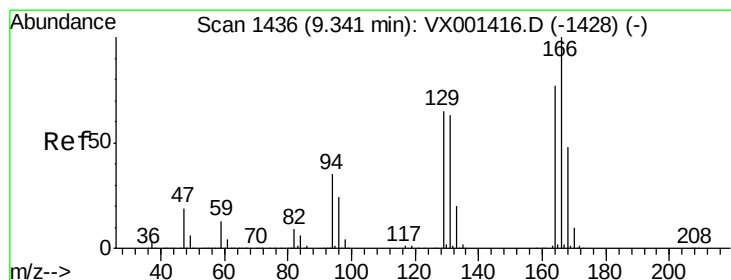
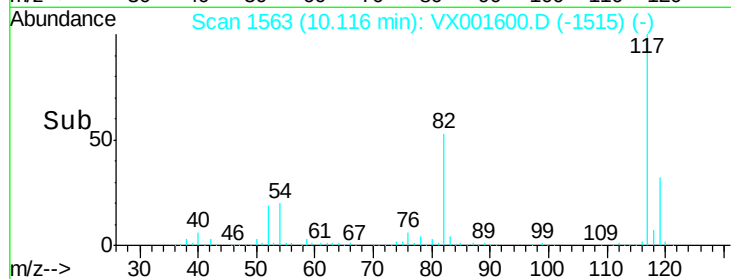
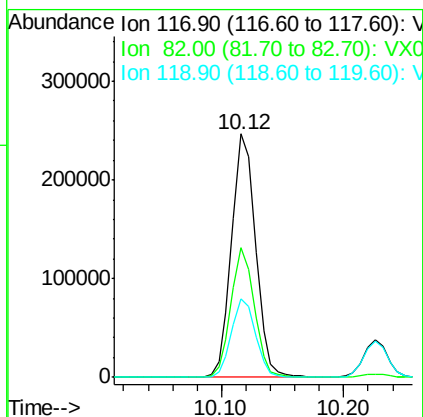
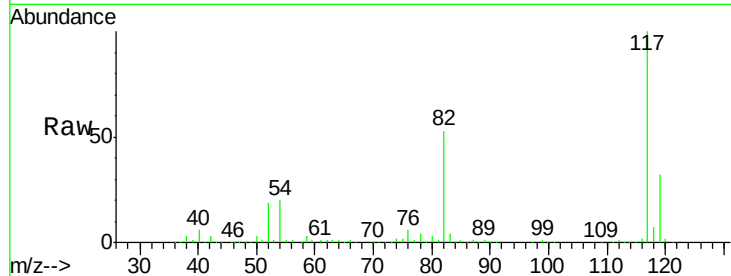
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.0	60.0
119	32.5	25.8	38.8

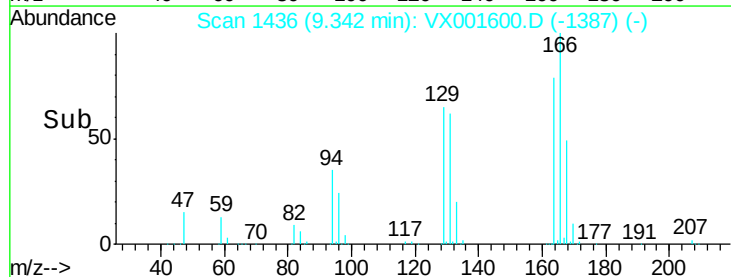
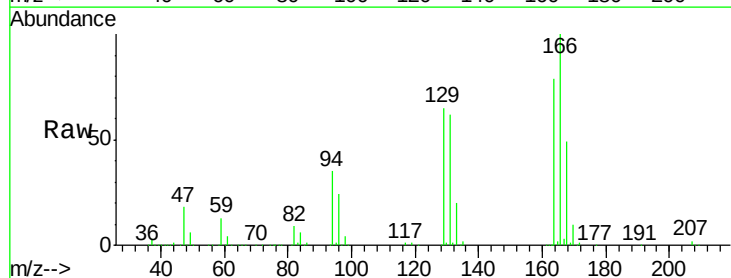
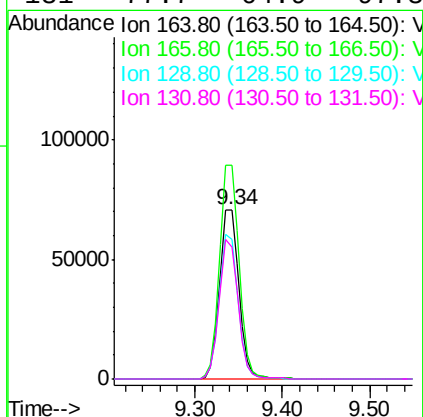
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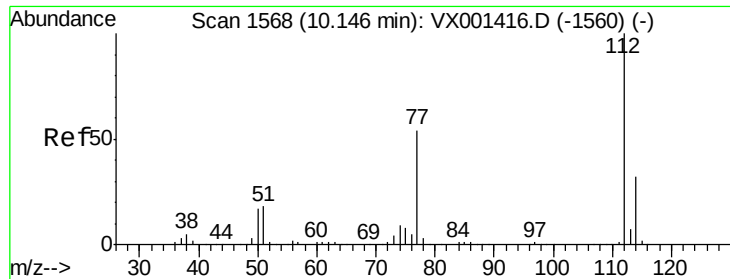
apatel
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#64
Tetrachloroethene
Concen: 23.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.5	155.3
129	82.4	66.7	100.1
131	77.7	64.9	97.3





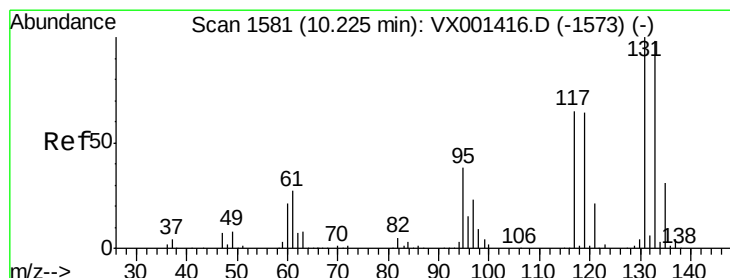
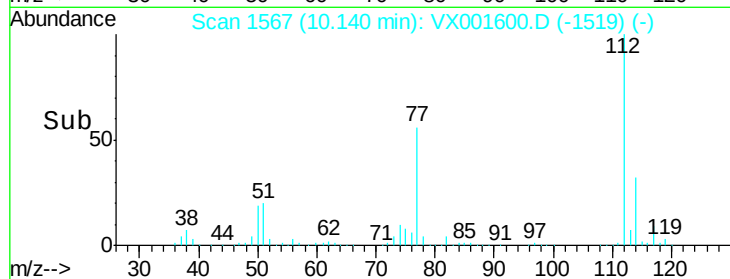
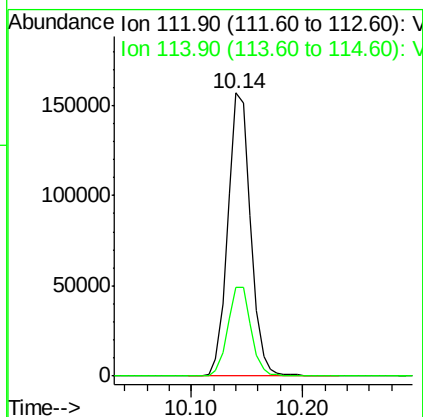
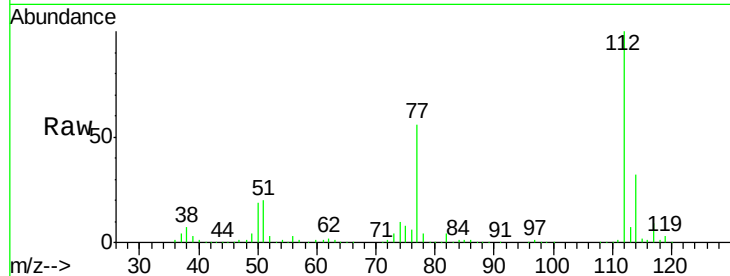
#65
Chlorobenzene
Concen: 22.56 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

Tot Ion:112 Resp: 222100
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0

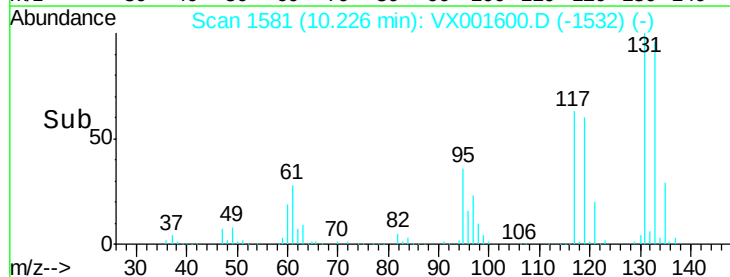
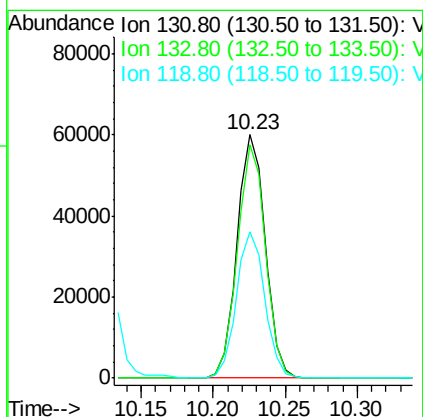
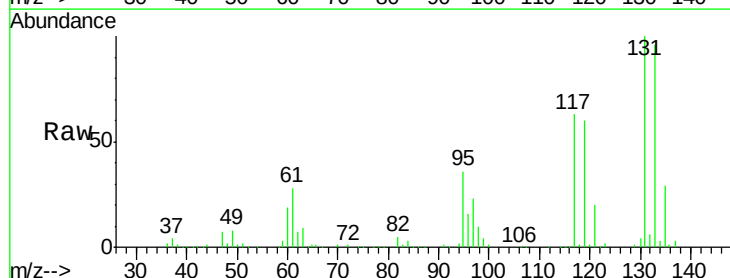
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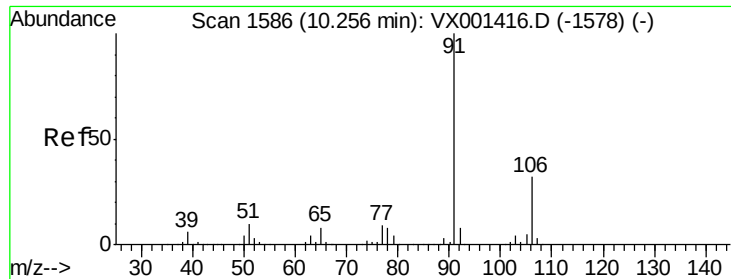
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.30 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion:131 Resp: 82040
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 60.7 31.1 93.3





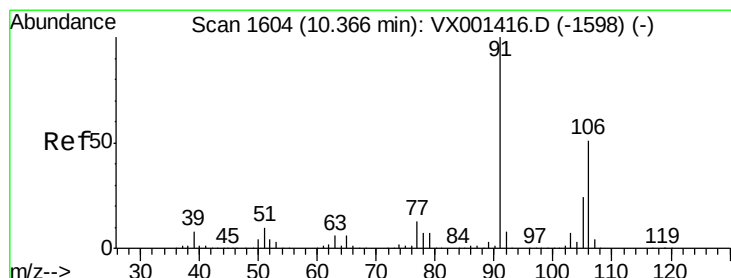
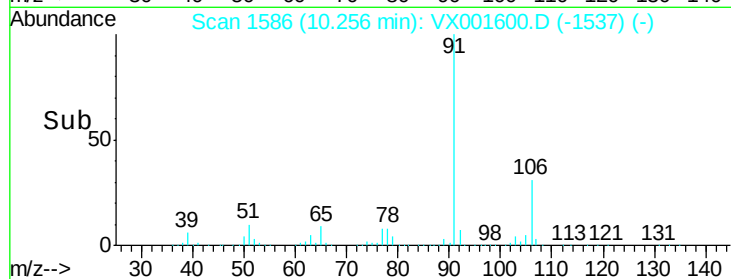
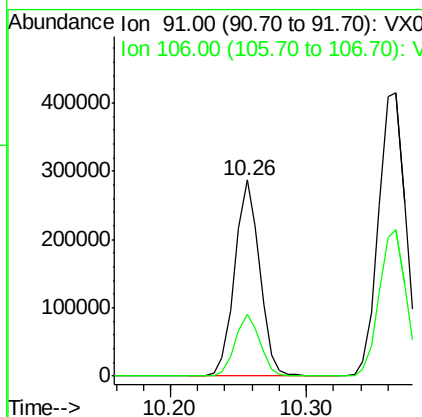
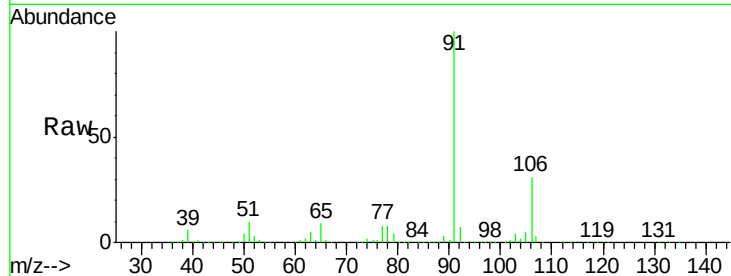
#67
Ethyl Benzene
Concen: 22.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion: 91 Resp: 366632
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

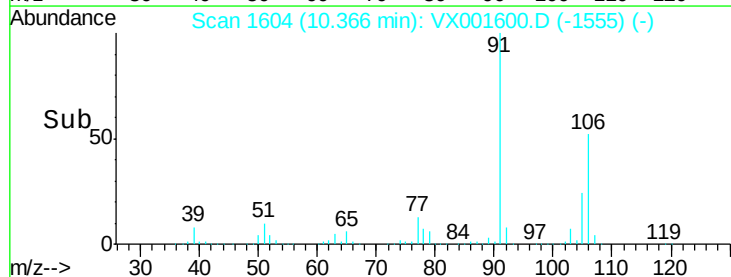
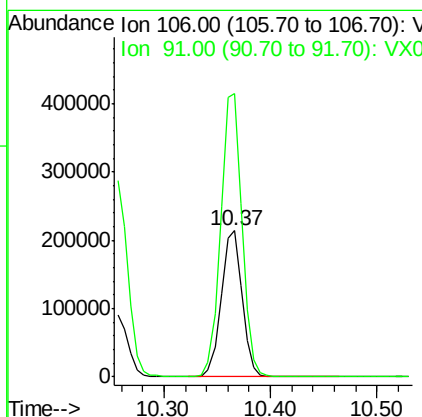
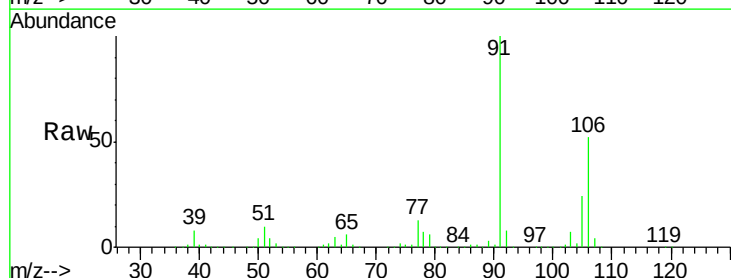
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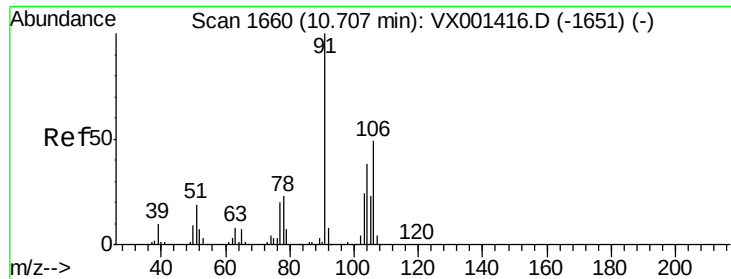
apatel
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#68
m/p-Xylenes
Concen: 46.07 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion: 106 Resp: 293710
Ion Ratio Lower Upper
106 100
91 196.9 157.5 236.3





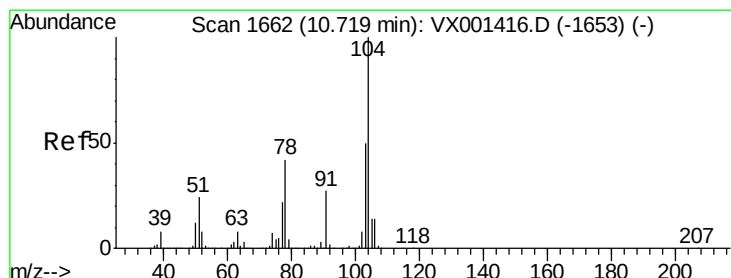
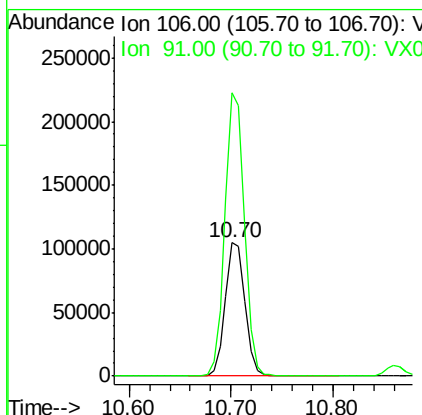
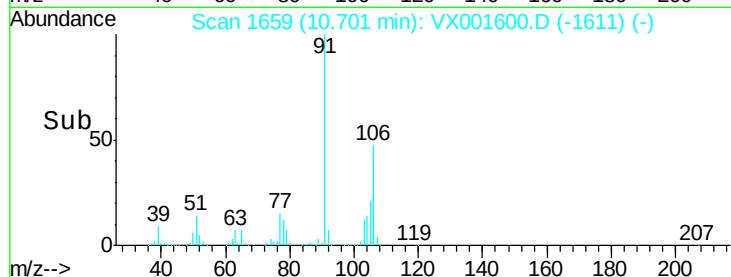
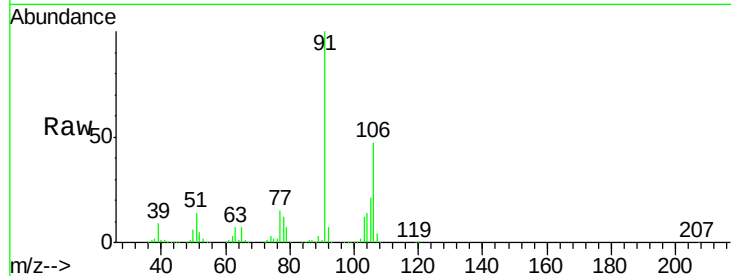
#69
o-Xylene
Concen: 22.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0510WBS01

Tot Ion:106 Resp: 140220
Ion Ratio Lower Upper
106 100
91 210.3 103.1 309.1

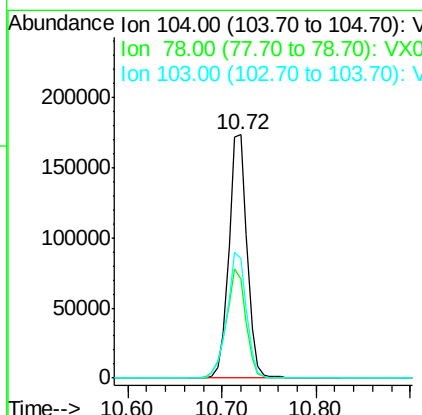
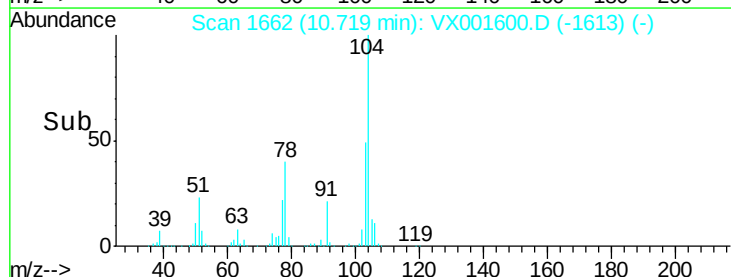
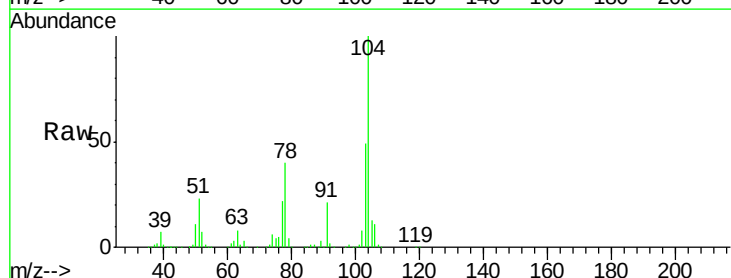
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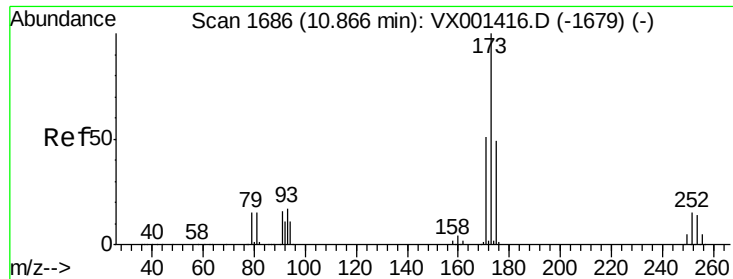
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#70
Styrene
Concen: 23.05 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion:104 Resp: 232051
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 55.0 44.0 66.0





#71

Bromoform

Concen: 20.57 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

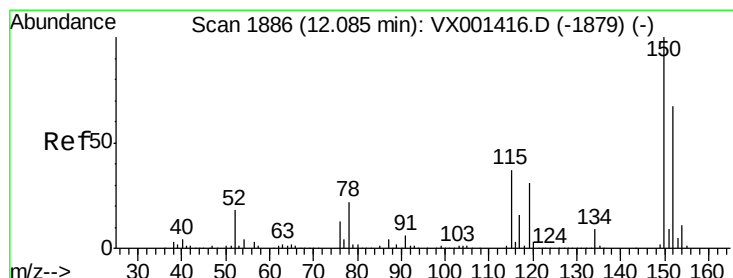
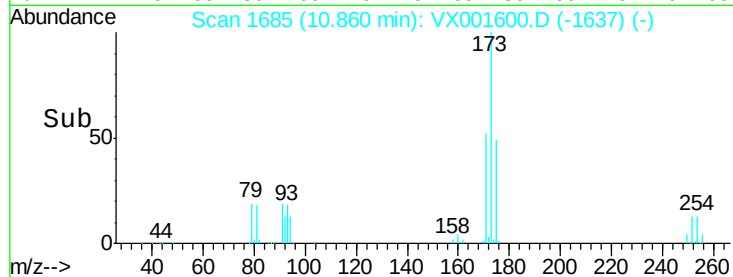
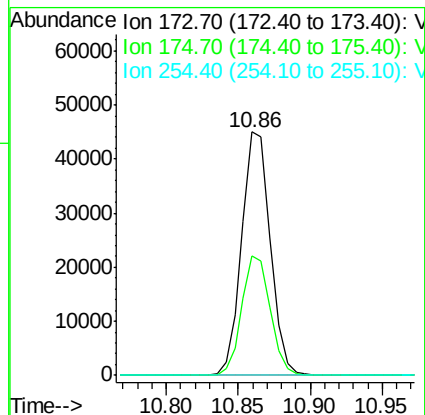
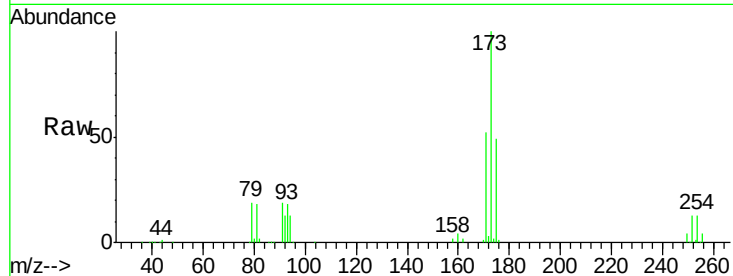
ClientSampleId :

VX0510WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

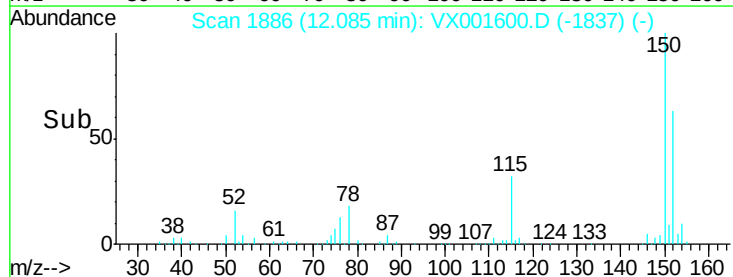
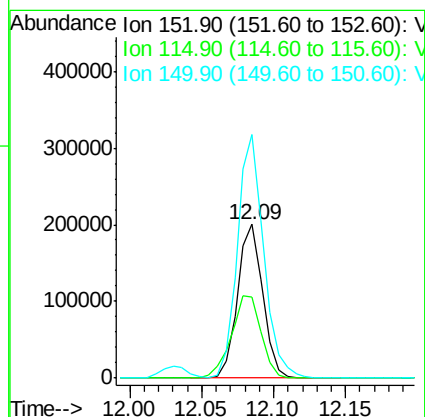
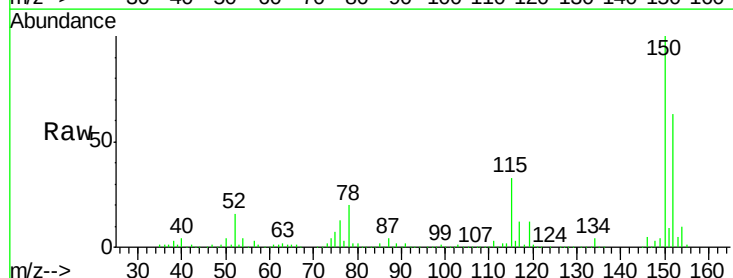
RT: 12.09 min Scan# 1886

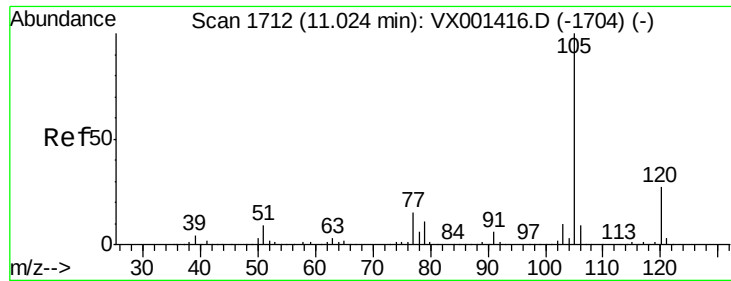
Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	37.7	113.1
150	165.9	0.0	349.4





#73

Isopropylbenzene

Concen: 22.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion: 105 Resp: 386851

Ion Ratio Lower Upper

105 100

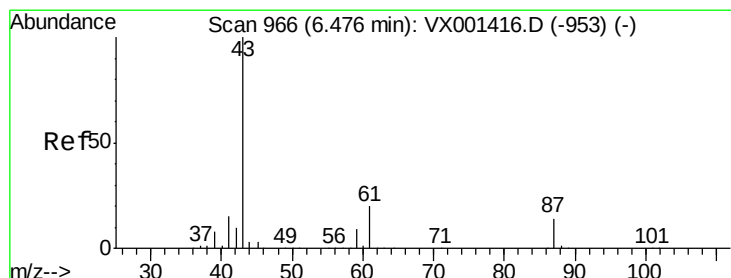
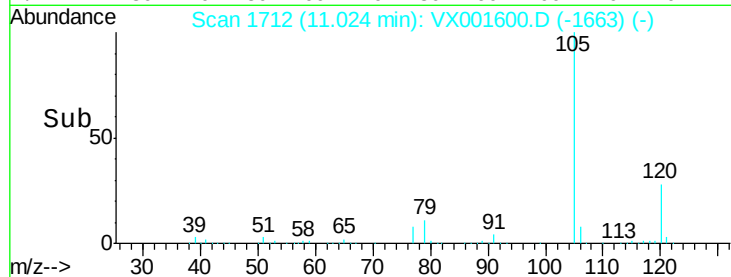
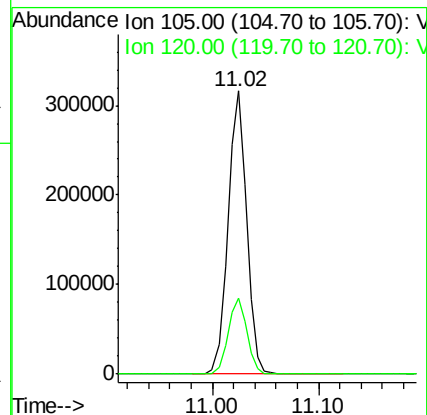
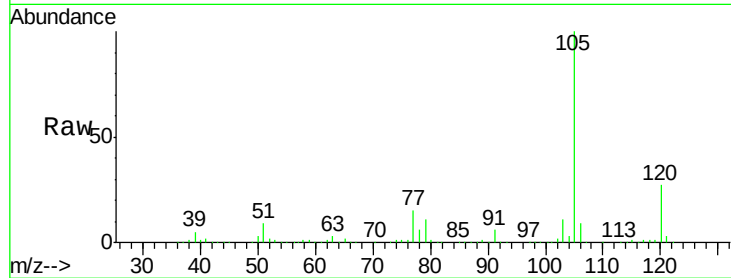
120 27.1 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.64 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion: 43 Resp: 165845

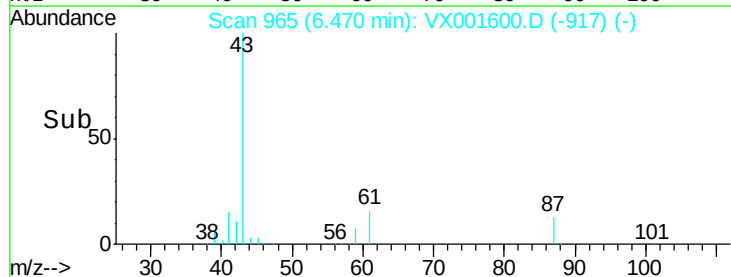
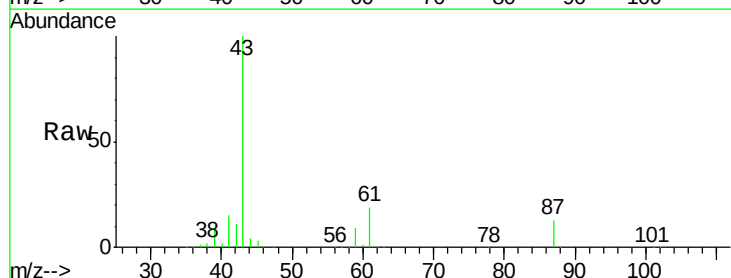
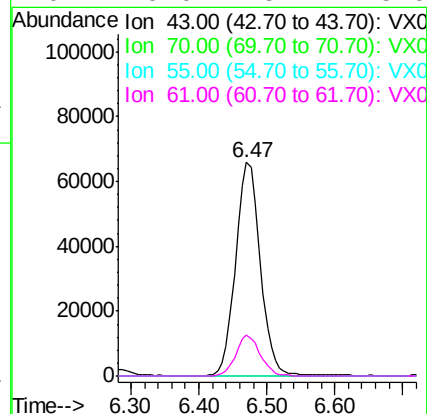
Ion Ratio Lower Upper

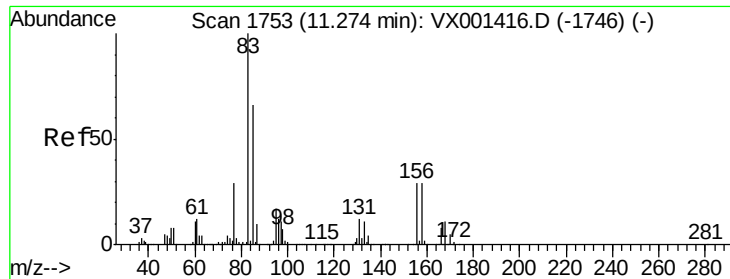
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

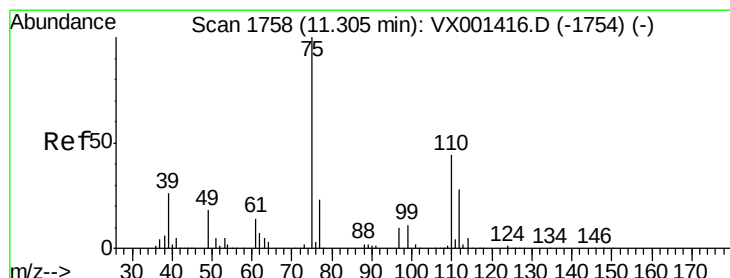
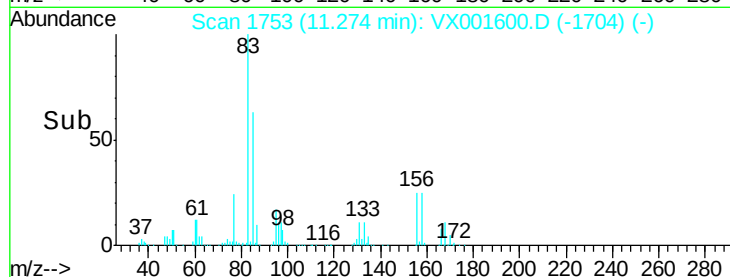
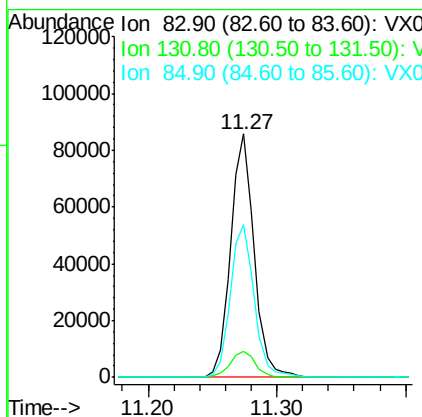
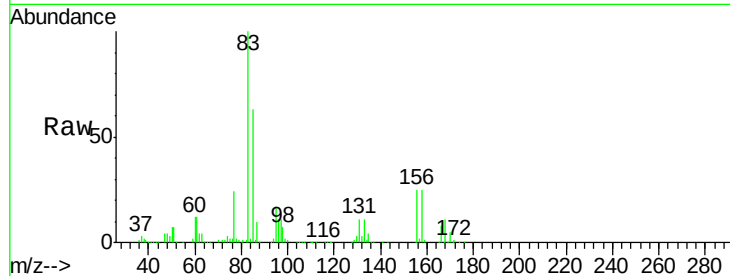
ClientSampled :

VX0510WBS01

Tot Ion:	83	Resp:	109747
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.8	17.4
85	63.9	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.29 ug/l m

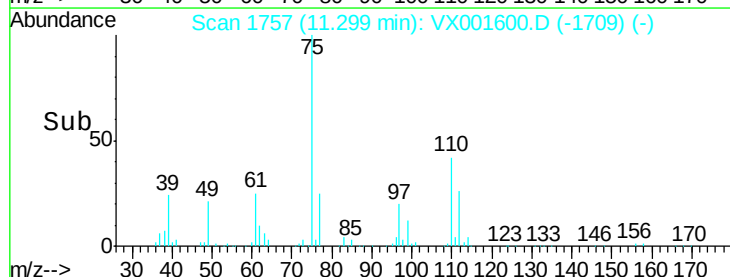
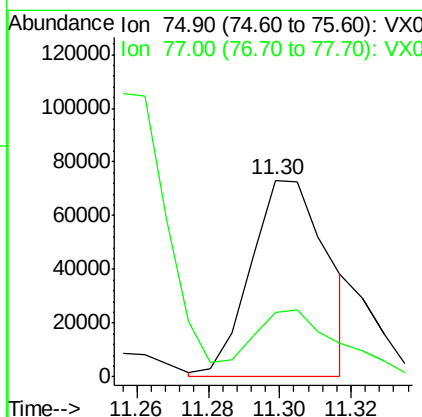
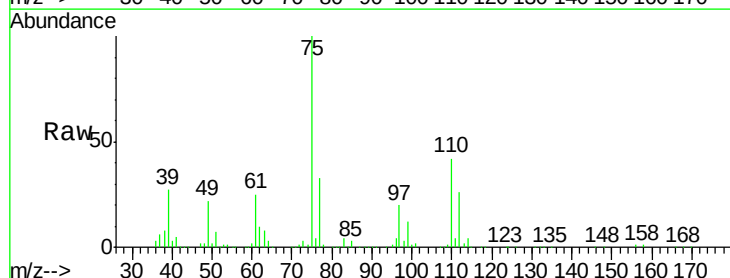
RT: 11.30 min Scan# 1757

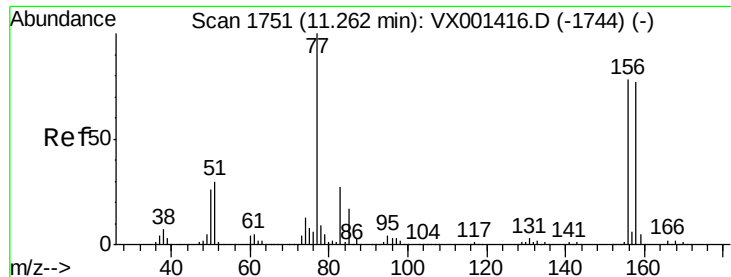
Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion:	75	Resp:	110204
Ion Ratio	Lower	Upper	
75	100		
77	38.7	19.6	58.7





#77

Bromobenzene

Concen: 21.76 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

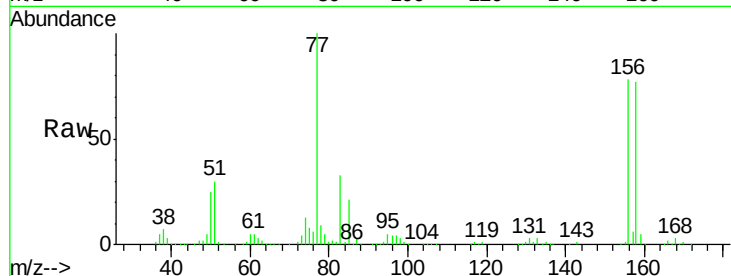
ClientSampleId :

VX0510WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.0	66.0	198.2
158	98.9	49.4	148.2

Manual Integrations
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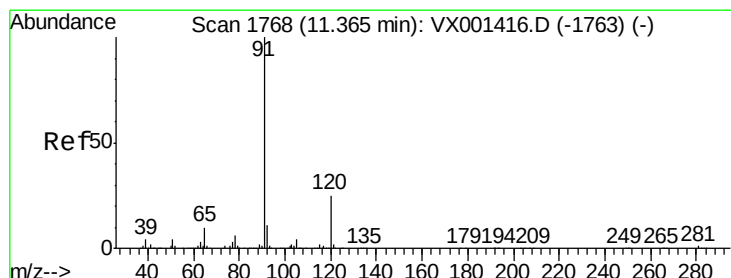
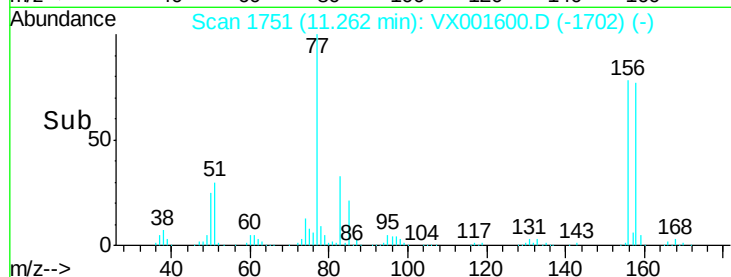
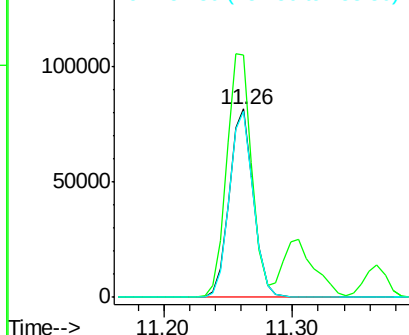
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.82 ug/l

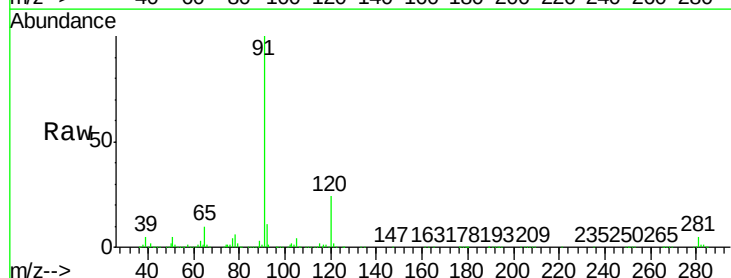
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001600.D

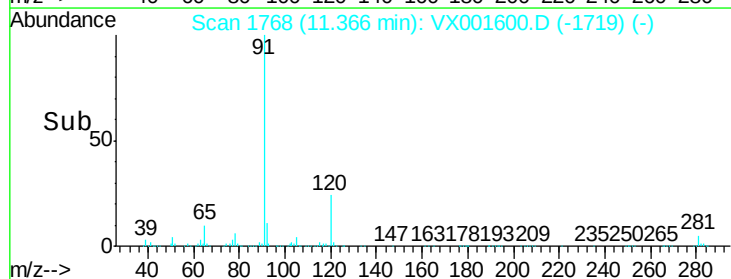
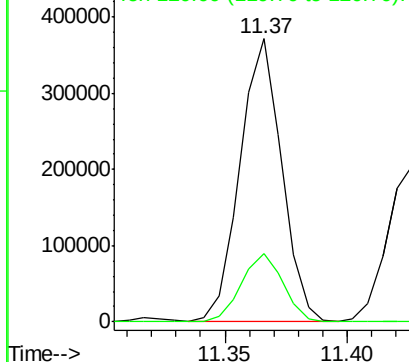
Acq: 10 May 2018 14:14

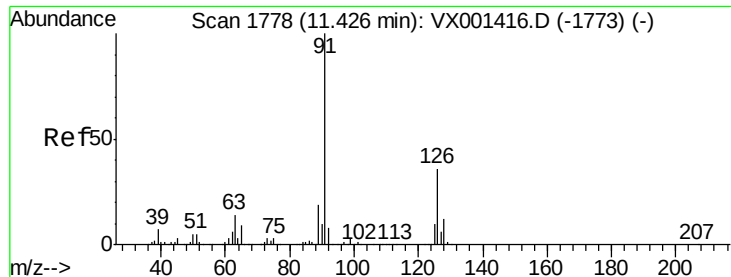
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0510WBS01

Tot Ion: 91 Resp: 256997

Ion Ratio Lower Upper

91 100

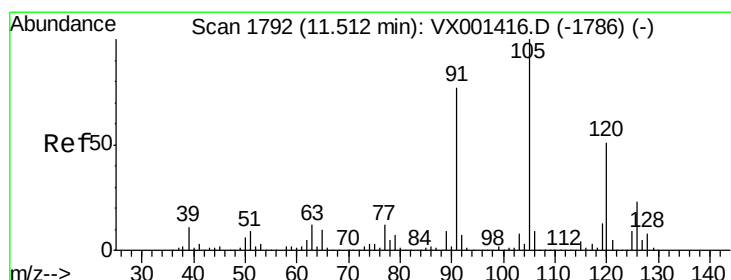
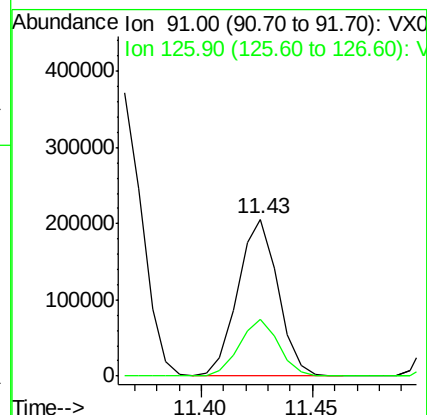
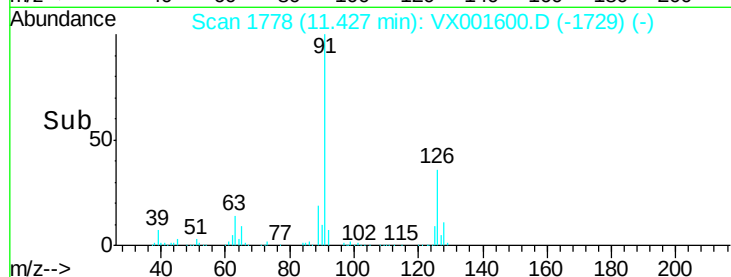
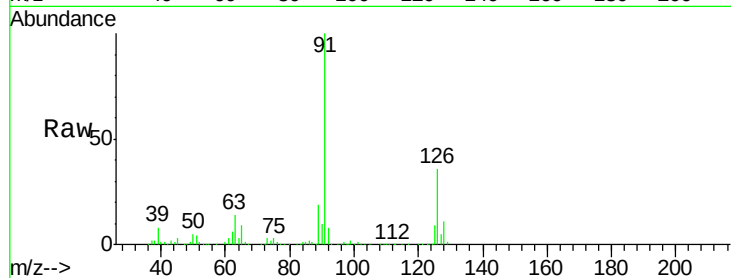
126 35.9 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 23.14 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001600.D

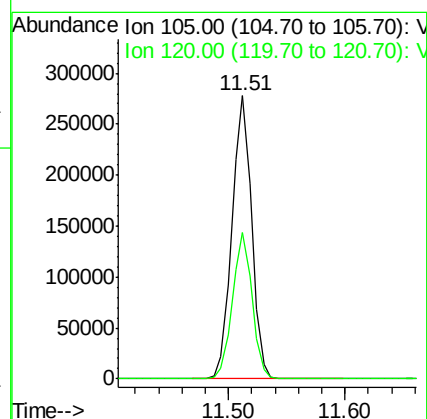
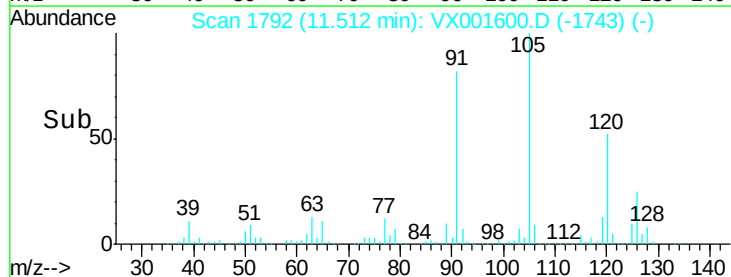
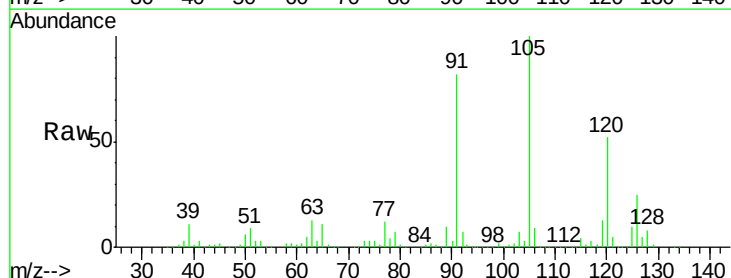
Acq: 10 May 2018 14:14

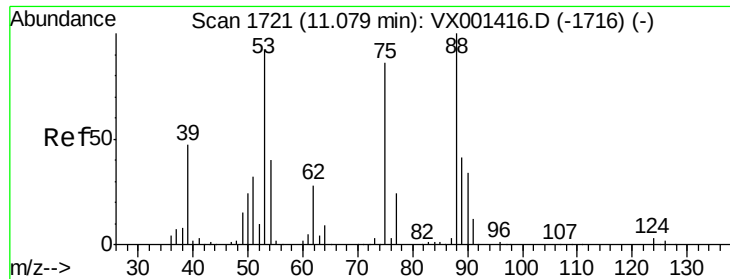
Tgt Ion: 105 Resp: 325072

Ion Ratio Lower Upper

105 100

120 51.4 25.7 77.1





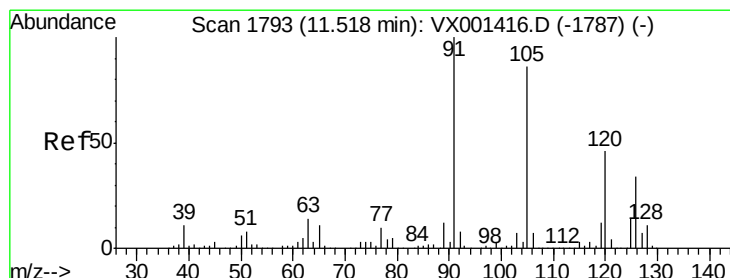
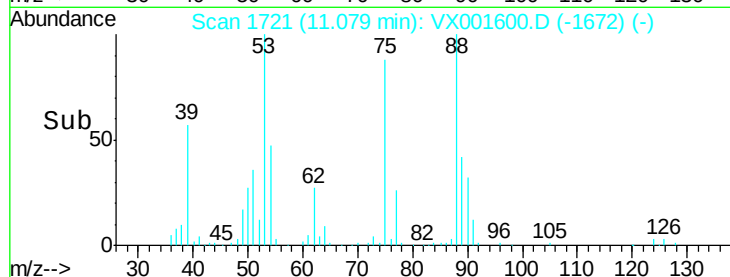
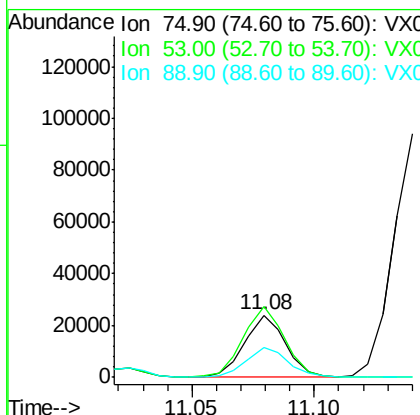
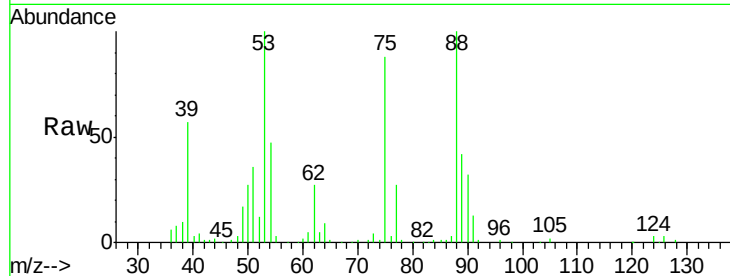
#81
trans-1,4-Dichloro-2-butene
Concen: 20.69 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.4	84.5	126.7
89	50.6	39.5	59.3

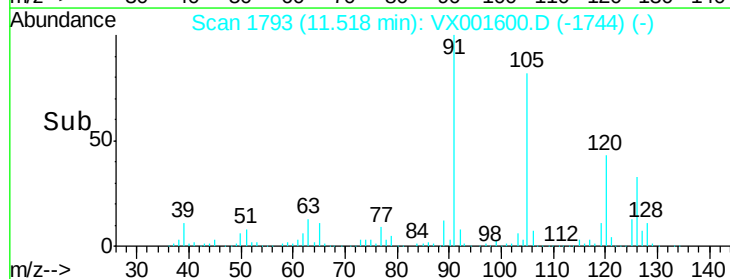
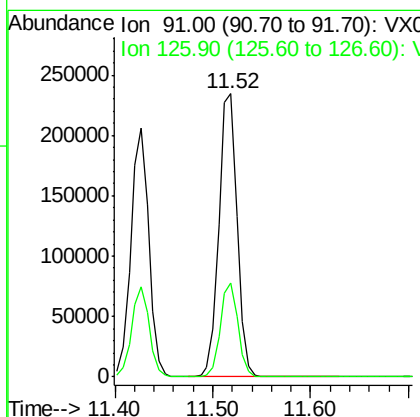
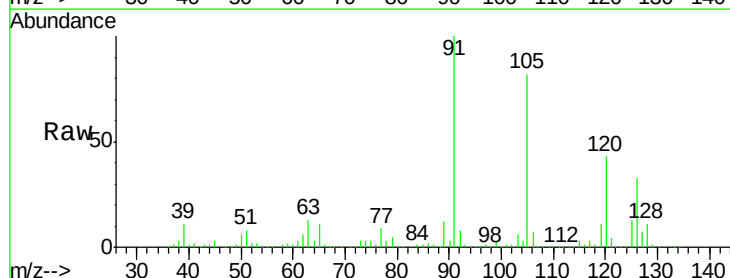
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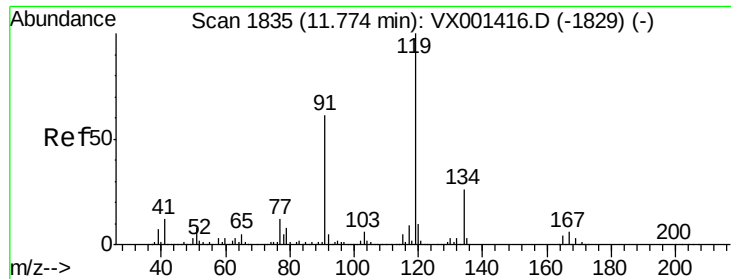
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#82
4-Chlorotoluene
Concen: 23.21 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.2	48.5





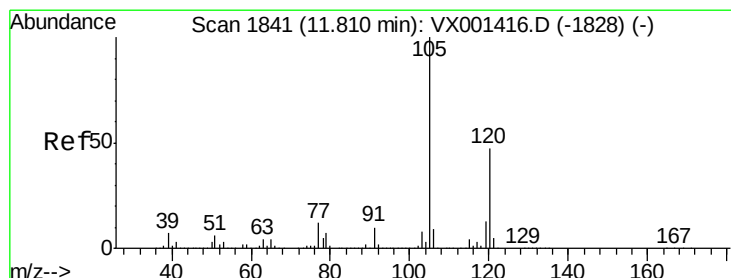
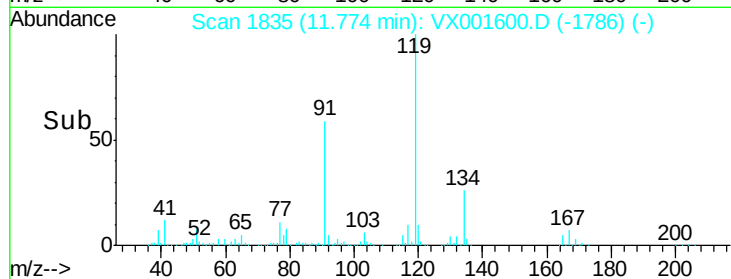
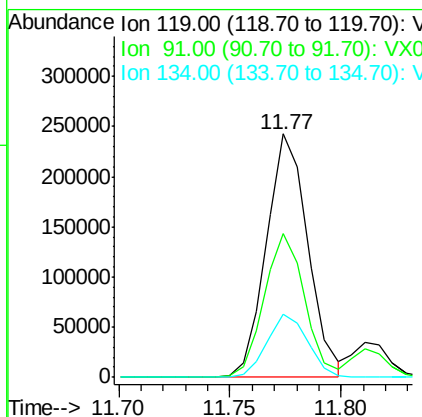
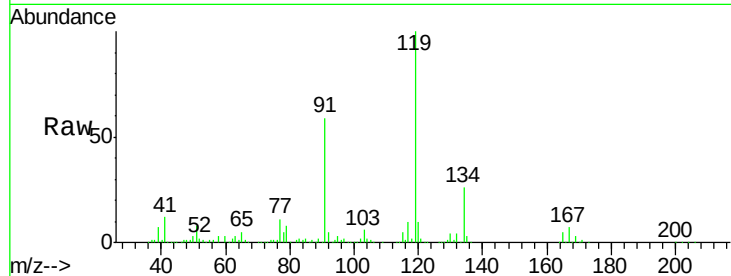
#83
 tert-Butylbenzene
 Concen: 22.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	27.8	83.3
134	25.5	12.4	37.0

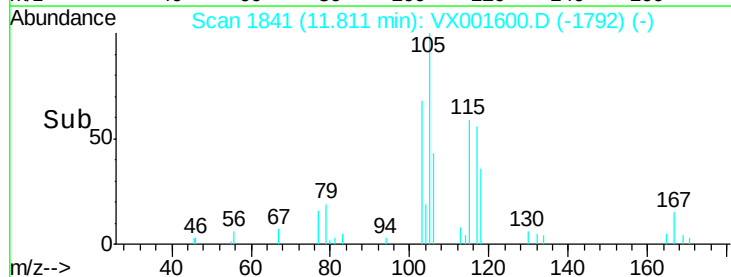
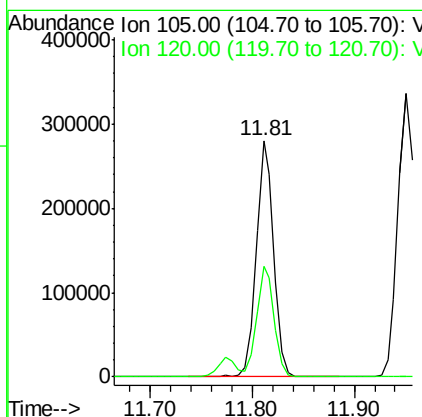
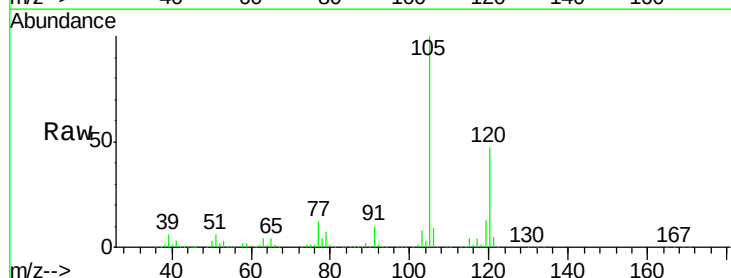
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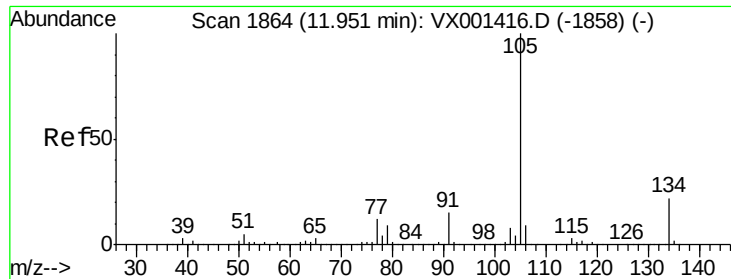
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#84
 1,2,4-Trimethylbenzene
 Concen: 23.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.2





#85

sec-Butylbenzene

Concen: 23.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBS01

Tot Ion:105 Resp: 399836

Ion Ratio Lower Upper

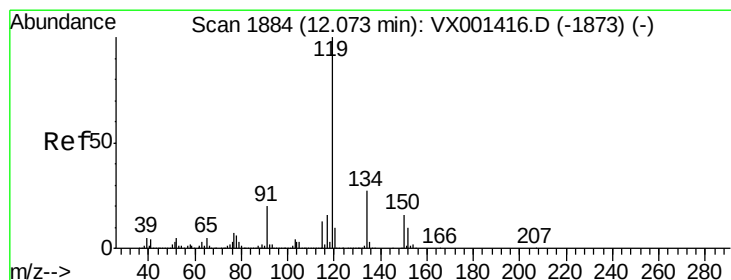
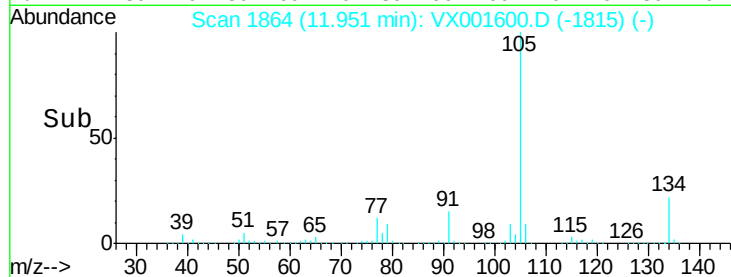
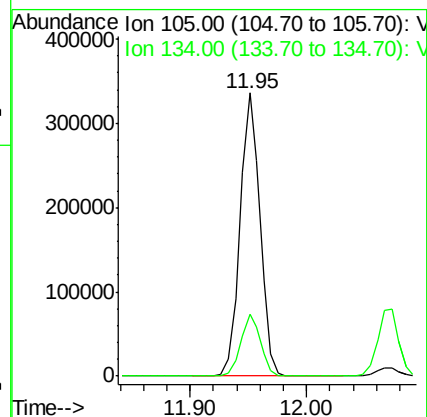
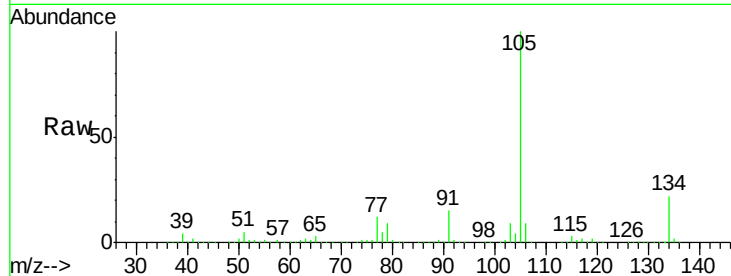
105 100

134 21.6 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 23.76 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

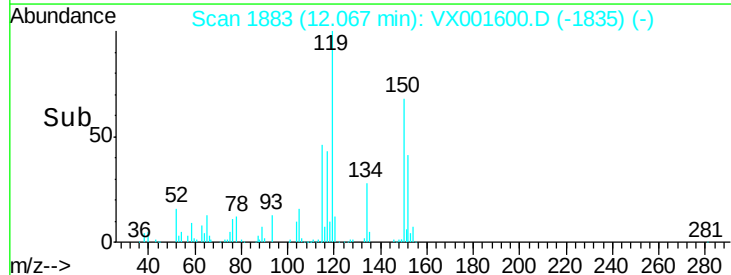
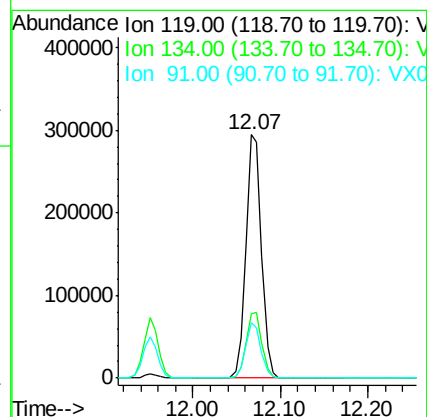
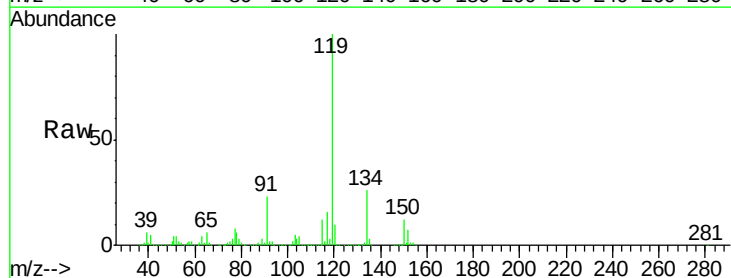
Tgt Ion:119 Resp: 365703

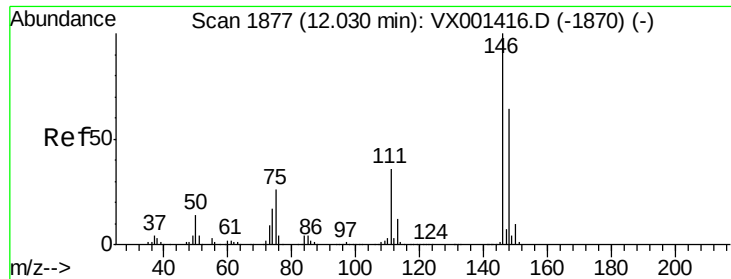
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 22.3 10.8 32.3





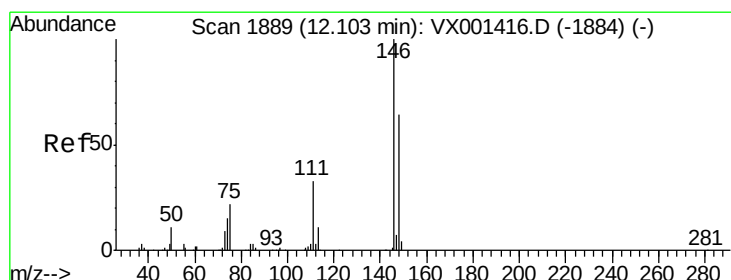
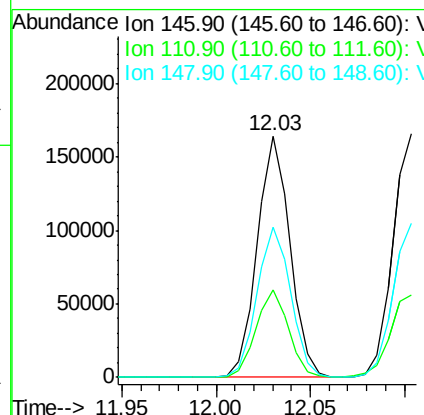
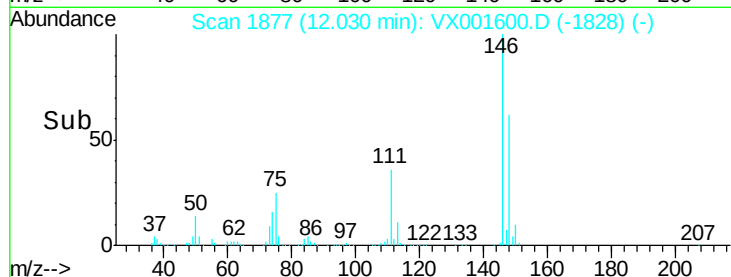
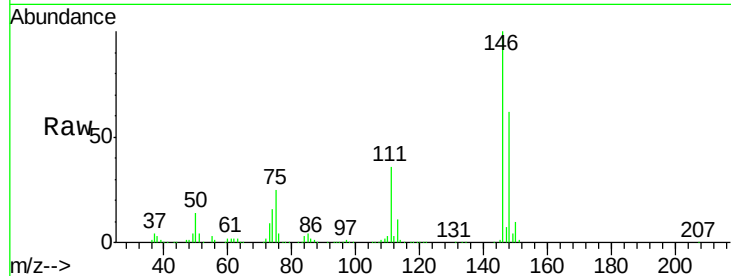
#87
 1,3-Dichlorobenzene
 Concen: 22.54 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.2	32.1	96.5

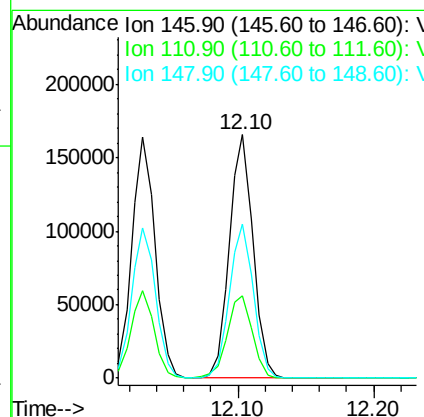
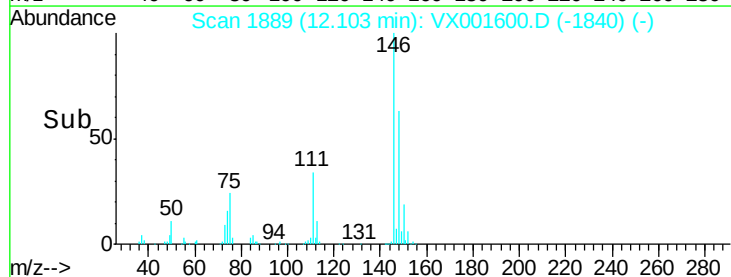
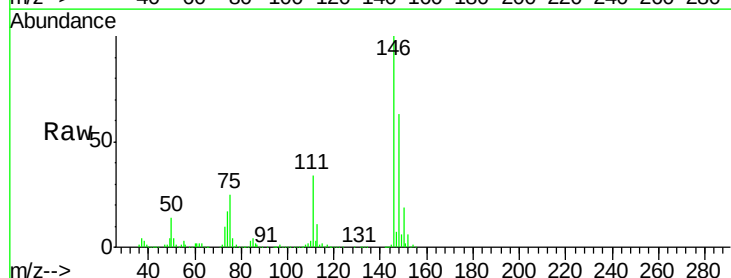
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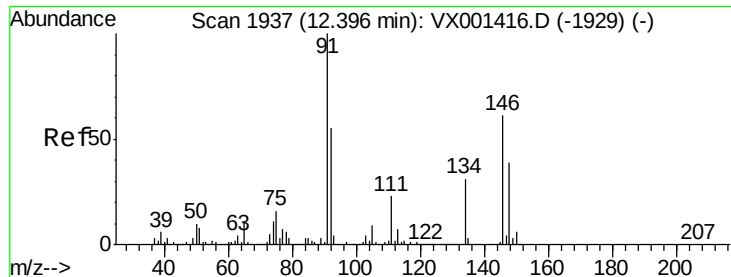
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#88
 1,4-Dichlorobenzene
 Concen: 22.28 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.4	52.3
148	64.3	32.2	96.6





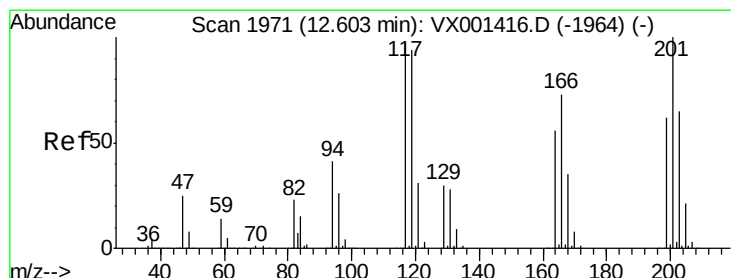
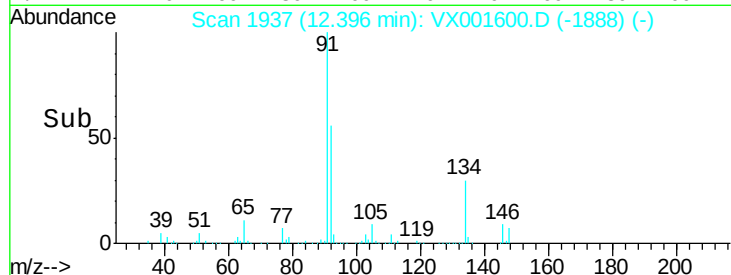
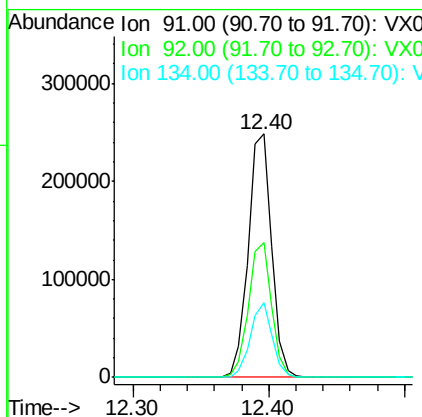
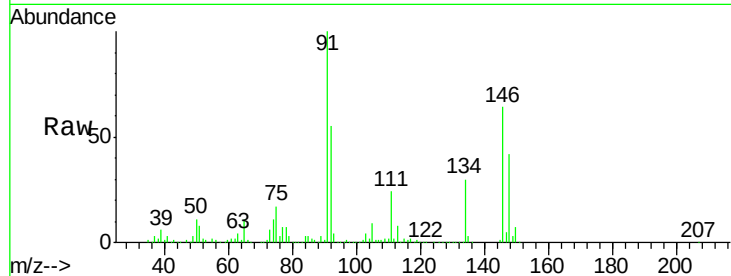
#89
n-Butylbenzene
Concen: 23.42 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	298785		
92	54.7		27.2	81.5
134	28.8		14.6	44.0

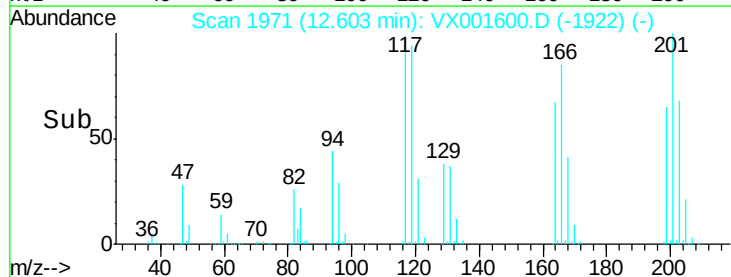
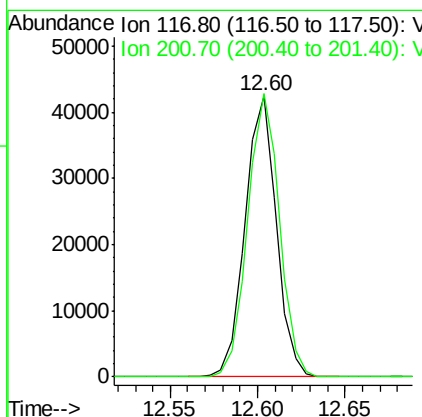
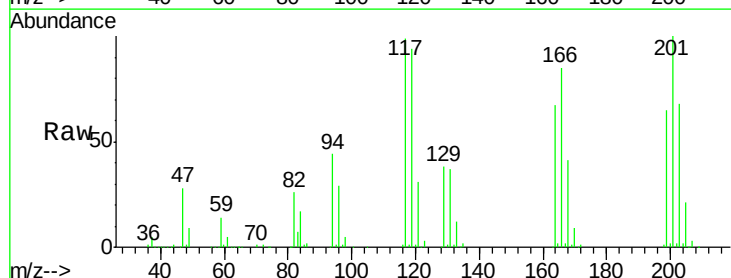
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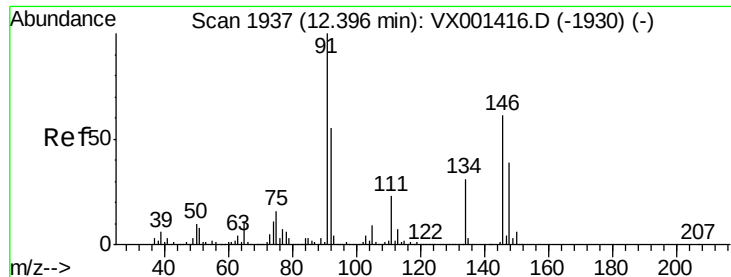
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#90
Hexachloroethane
Concen: 22.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001600.D
Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52548		
201	102.8		51.5	154.5





#91

1,2-Dichlorobenzene

Concen: 22.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

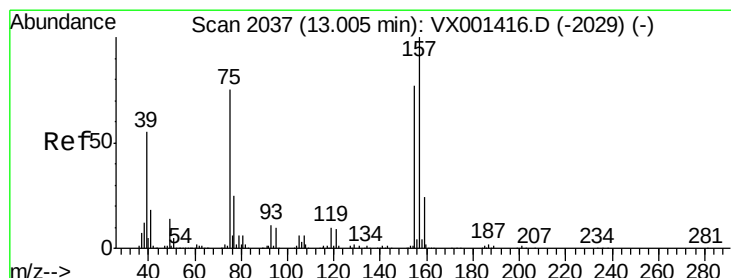
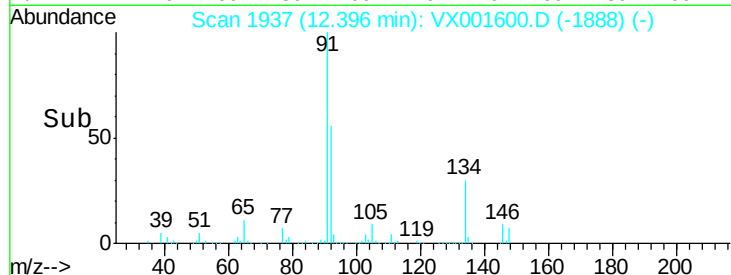
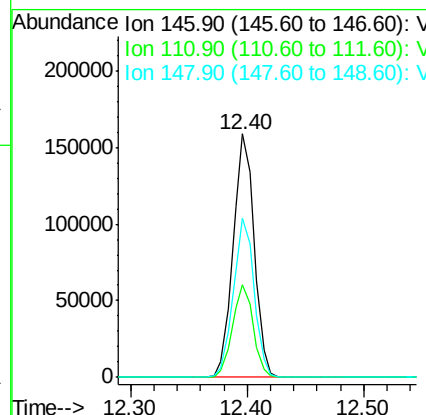
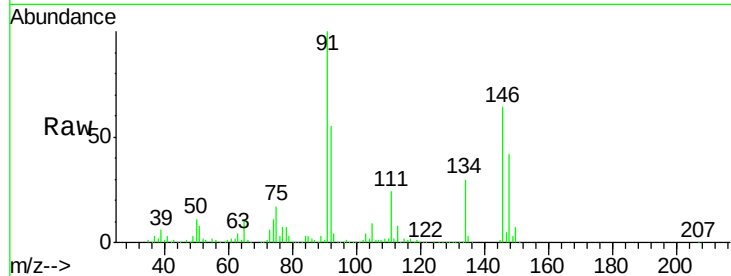
ClientSampleId :

VX0510WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.5	32.1	96.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.57 ug/l

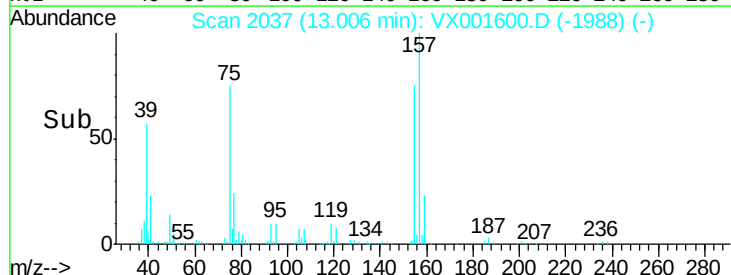
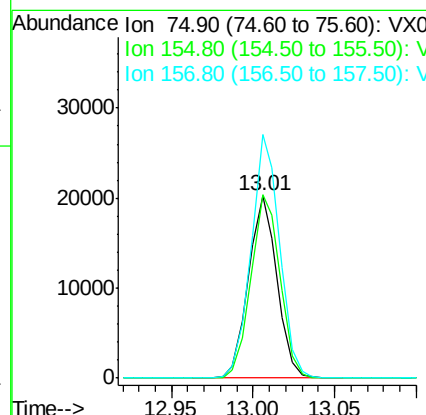
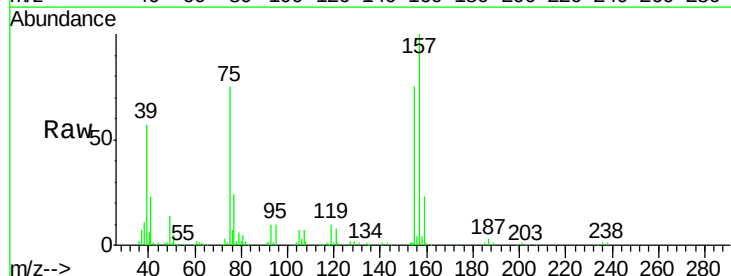
RT: 13.01 min Scan# 2037

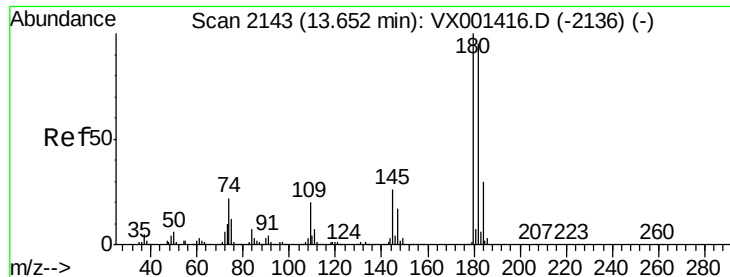
Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	53.4	160.2
157	133.8	68.3	204.8





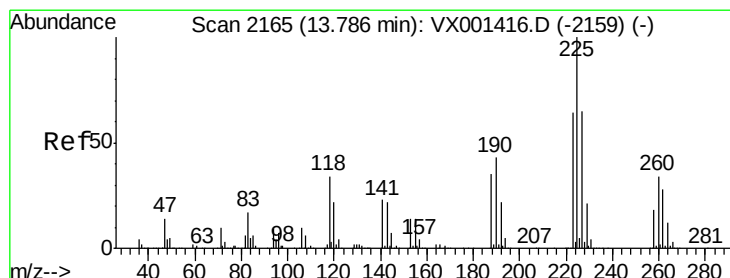
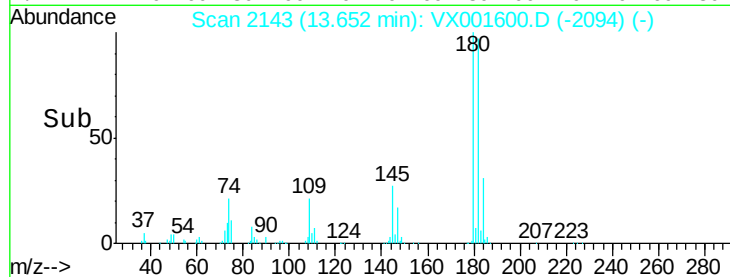
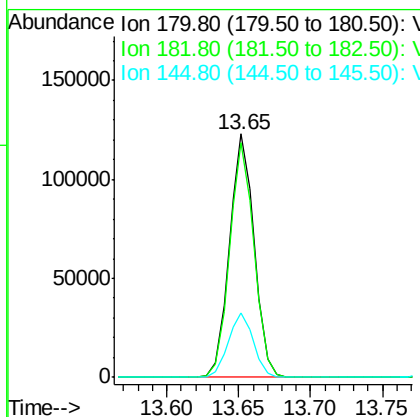
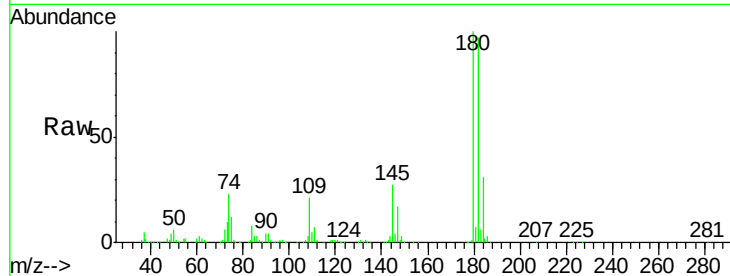
#93
 1,2,4-Trichlorobenzene
 Concen: 22.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	148073		
182	95.6	47.8	143.4	
145	27.0	13.3	39.9	

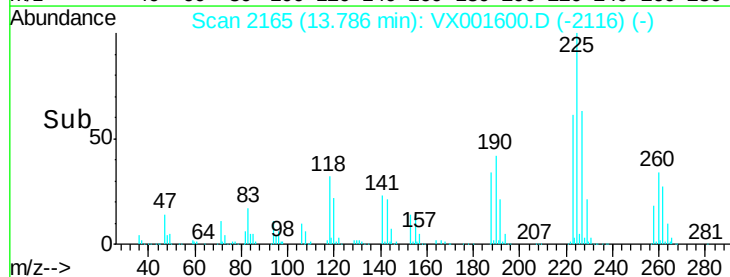
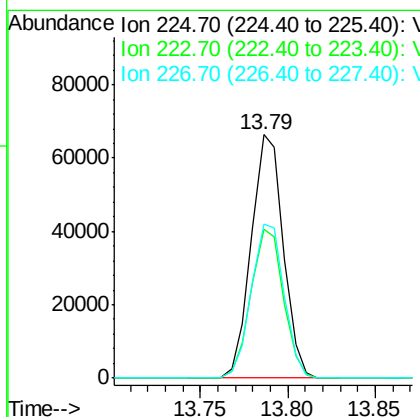
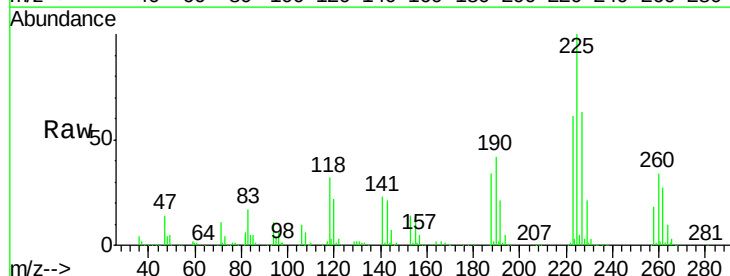
Manual Integrations
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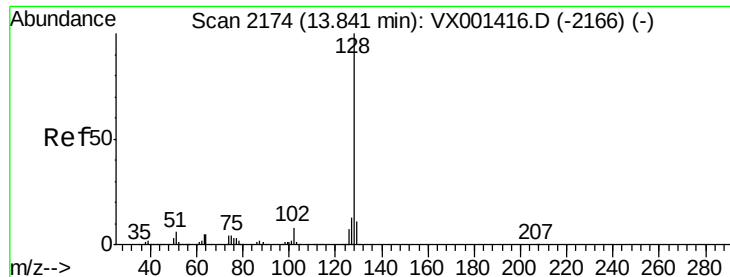
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#94
 Hexachlorobutadiene
 Concen: 23.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001600.D
 Acq: 10 May 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84328		
223	62.3	31.3	93.9	
227	64.9	32.4	97.2	





#95

Naphthalene

Concen: 22.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Instrument :

MSVOA_X

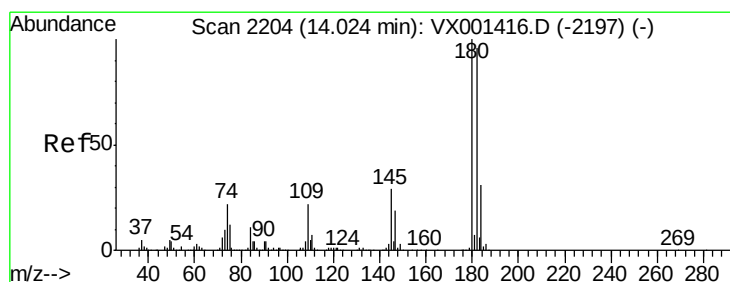
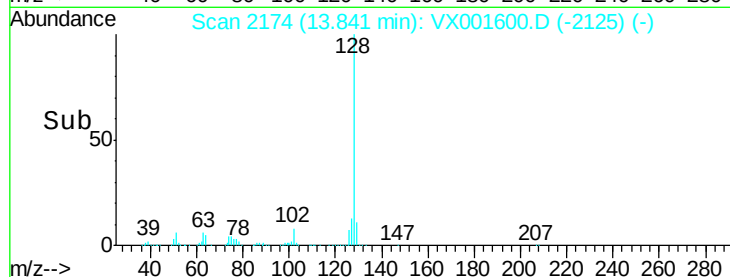
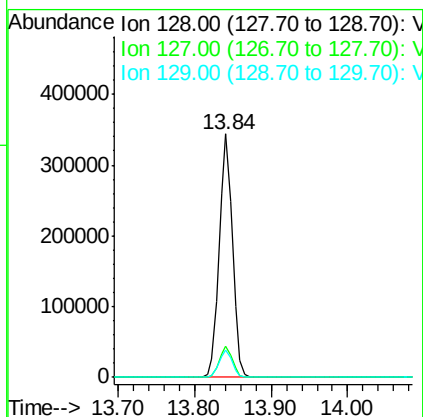
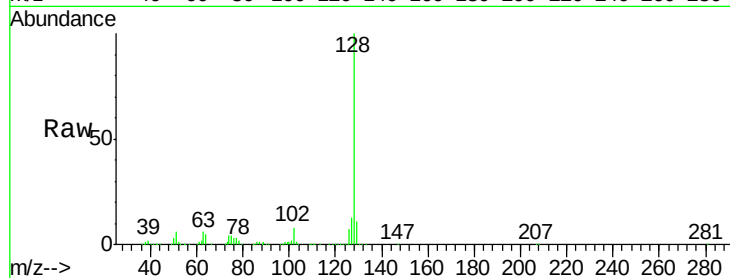
ClientSampleId :

VX0510WBS01

Tot Ion:	128	Resp:	410273
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
5/11/2018 1:06:46 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.85 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001600.D

Acq: 10 May 2018 14:14

Tgt Ion:	180	Resp:	153119
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.0	144.2
145	28.2	14.1	42.4

