

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002739.D
 Acq On : 20 Jun 2018 14:07
 Operator : JC/MD
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Manual Integrations
 APPROVED

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 6/22/2018 8:08:29 AM

Quant Time: Jun 21 04:32:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152006	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	
35) Dibromofluoromethane	5.51	113	119397	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	8.72	98	436197	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.14	95	163891	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48420	19.31	ug/l	98
3) Chloromethane	1.32	50	51196	17.16	ug/l	100
4) Vinyl Chloride	1.40	62	55197	17.83	ug/l	100
5) Bromomethane	1.64	94	32111	17.19	ug/l	96
6) Chloroethane	1.72	64	37336	18.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	95901	19.07	ug/l	98
8) Diethyl Ether	2.19	74	33754	17.65	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53985	19.21	ug/l	99
10) Methyl Iodide	2.51	142	49589	16.90	ug/l	99
11) Tert butyl alcohol	3.08	59	70867	95.51	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46459	17.60	ug/l	99
13) Acrolein	2.29	56	41334	122.43	ug/l	99
14) Allyl chloride	2.73	41	94134	17.96	ug/l	100
15) Acrylonitrile	3.15	53	149446	92.30	ug/l	98
16) Acetone	2.45	43	157130	99.23	ug/l	99
17) Carbon Disulfide	2.57	76	119720	19.13	ug/l	97
18) Methyl Acetate	2.78	43	79679	18.89	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	174347	17.61	ug/l	99
20) Methylene Chloride	2.86	84	54275	16.72	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	51228	17.89	ug/l	99
22) Diisopropyl ether	3.88	45	173098	18.26	ug/l	99
23) Vinyl Acetate	3.83	43	731555	92.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96547	18.76	ug/l	99
25) 2-Butanone	4.71	43	208119	100.08	ug/l	98
26) 2,2-Dichloropropane	4.59	77	71105	19.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55925	19.20	ug/l	97
28) Bromochloromethane	5.02	49	44855	18.61	ug/l	97
29) Tetrahydrofuran	5.17	42	130416	95.69	ug/l	97
30) Chloroform	5.22	83	95494	19.25	ug/l	97
31) Cyclohexane	5.58	56	80232	18.94	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	82687	19.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68946	19.95	ug/l	99
37) Ethyl Acetate	4.87	43	77154	19.72	ug/l	98
38) Carbon Tetrachloride	5.79	117	73975	21.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79583	19.69	ug/l	97
40) Benzene	6.15	78	205716	19.85	ug/l	100
41) Methacrylonitrile	5.07	41	44213	20.01	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80848	20.15	ug/l	99
43) Isopropyl Acetate	6.47	43	124652	19.23	ug/l	99
44) Trichloroethene	7.22	130	59753	19.97	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54169	19.86	ug/l	97
46) Dibromomethane	7.67	93	37475	20.54	ug/l	99
47) Bromodichloromethane	7.90	83	67296	20.91	ug/l	97
48) Methyl methacrylate	7.78	41	64757	19.55	ug/l	98
49) 1,4-Dioxane	7.76	88	26615	424.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	417039	100.20	ug/l	99
52) Toluene	8.79	92	132519	20.04	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	78463	19.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70287	19.40	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54567	20.42	ug/l	99
56) Ethyl methacrylate	9.18	69	78604	19.12	ug/l	98
57) 1,3-Dichloropropane	9.38	76	89786	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	177541	89.28	ug/l	99
59) 2-Hexanone	9.50	43	319702	101.94	ug/l	98
60) Dibromochloromethane	9.59	129	53189	20.13	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57341	20.72	ug/l	99
64) Tetrachloroethene	9.34	164	64311	18.45	ug/l	100
65) Chlorobenzene	10.14	112	153064	19.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54688	20.80	ug/l	99
67) Ethyl Benzene	10.26	91	253190	19.46	ug/l	100
68) m/p-Xylenes	10.36	106	198910	39.64	ug/l	99
69) o-Xylene	10.70	106	94949	19.26	ug/l	100
70) Styrene	10.71	104	158242	19.52	ug/l	98
71) Bromoform	10.86	173	40546	20.14	ug/l	99
73) Isopropylbenzene	11.02	105	257704	19.94	ug/l	100
74) N-amyl acetate	6.47	43	124652	19.41	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	81688	21.40	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79732m	21.87	ug/l	
77) Bromobenzene	11.26	156	73100	20.30	ug/l	96
78) n-propylbenzene	11.37	91	292240	19.72	ug/l	99
79) 2-Chlorotoluene	11.43	91	175078	19.78	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	216948	19.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19196	19.62	ug/l	90
82) 4-Chlorotoluene	11.51	91	207335	19.86	ug/l	99
83) tert-Butylbenzene	11.77	119	213494	20.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223603	20.06	ug/l	99
85) sec-Butylbenzene	11.95	105	259985	19.87	ug/l	99
86) p-Isopropyltoluene	12.07	119	232658	19.65	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	130240	19.72	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133792	19.91	ug/l	99
89) n-Butylbenzene	12.39	91	197457	18.91	ug/l	99
90) Hexachloroethane	12.60	117	32174	19.15	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	131691	19.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16872	21.11	ug/l	97

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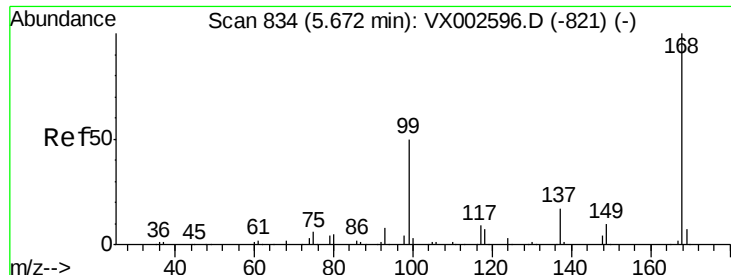
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94071	19.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	48970	19.27	ug/l	99
95) Naphthalene	13.84	128	265220	20.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96857	19.99	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:168 Resp: 236192

Ion Ratio Lower Upper

168 100

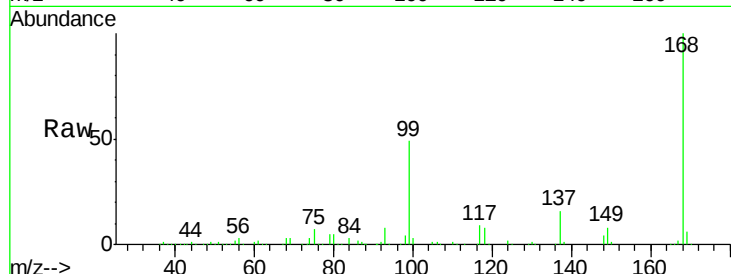
99 49.0 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

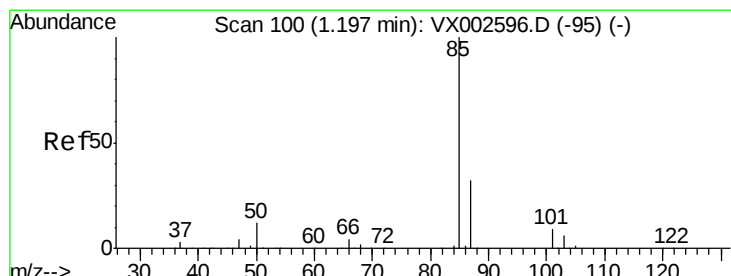
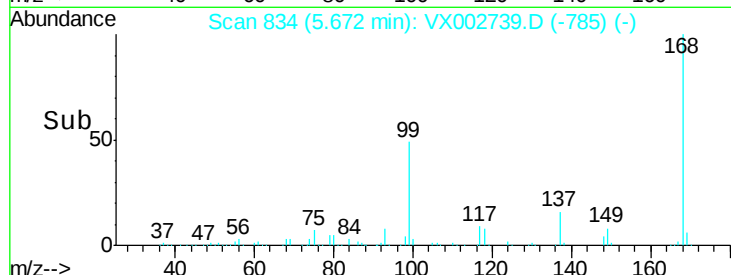
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002739.D

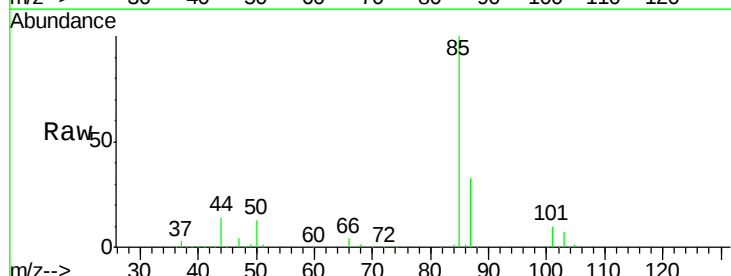
Acq: 20 Jun 2018 14:07

Tgt Ion: 85 Resp: 48420

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

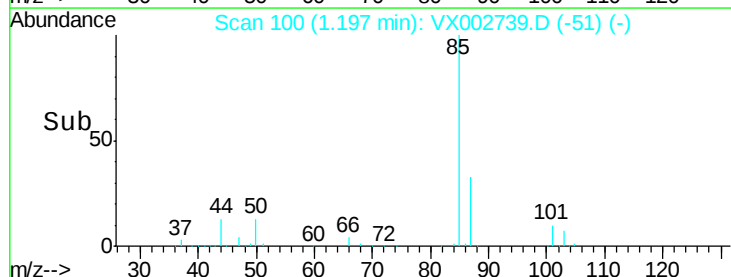
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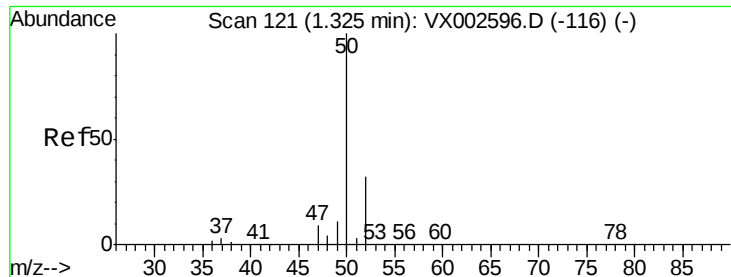
20000

10000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 50 Resp: 51196

Ion Ratio Lower Upper

50 100

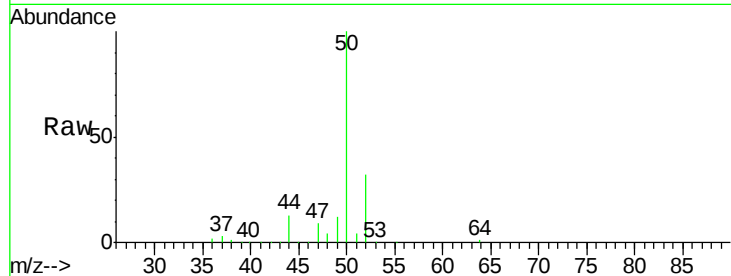
52 32.0 25.7 38.5

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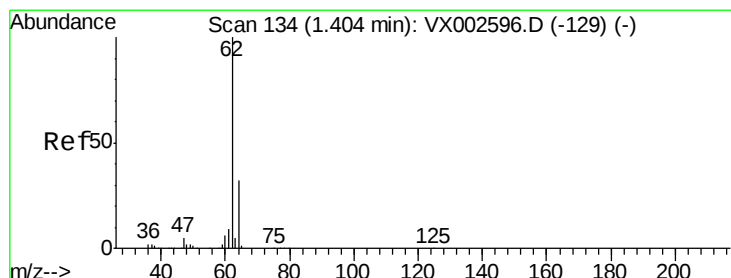
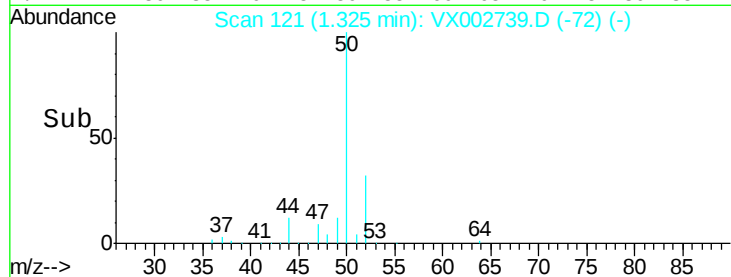
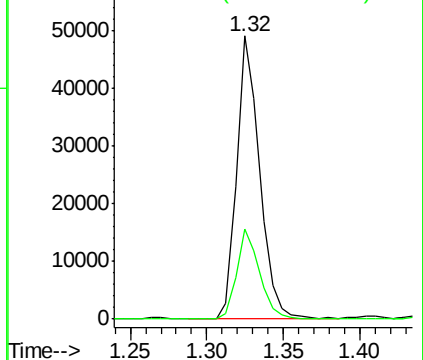
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.83 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002739.D

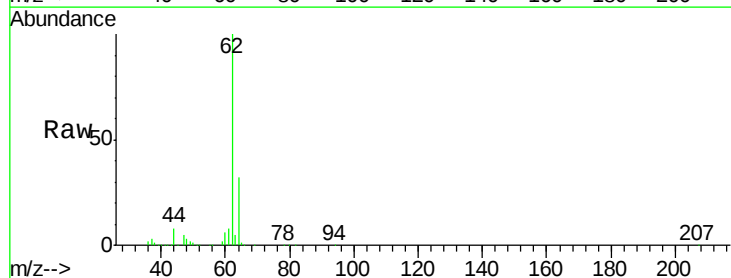
Acq: 20 Jun 2018 14:07

Tgt Ion: 62 Resp: 55197

Ion Ratio Lower Upper

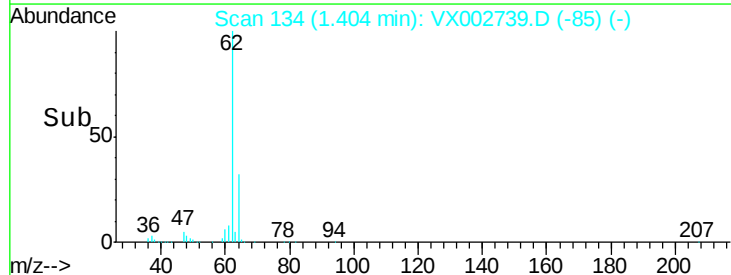
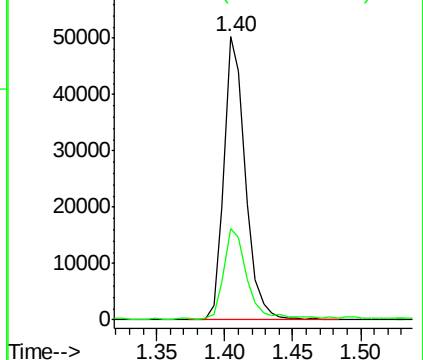
62 100

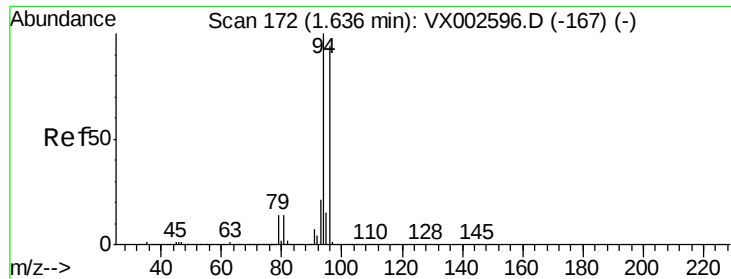
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampled :

VX0620WBSD01

Tot Ion: 94 Resp: 32111

Ion Ratio Lower Upper

94 100

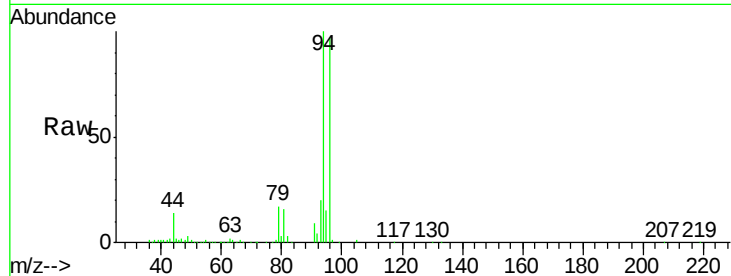
96 97.2 74.9 112.3

Manual Integrations

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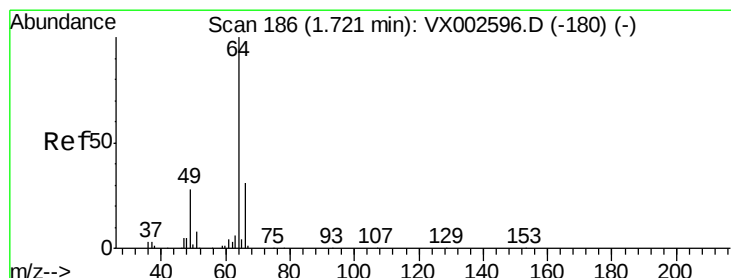
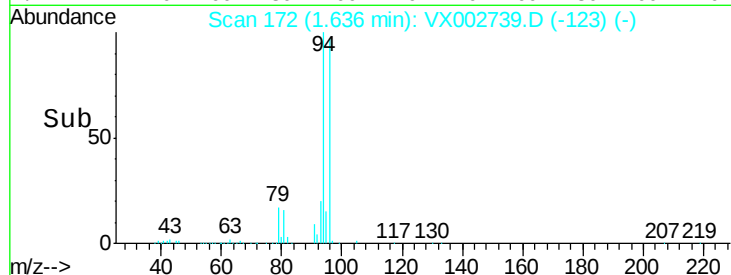
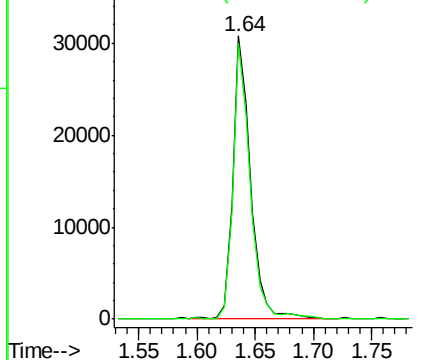
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002739.D

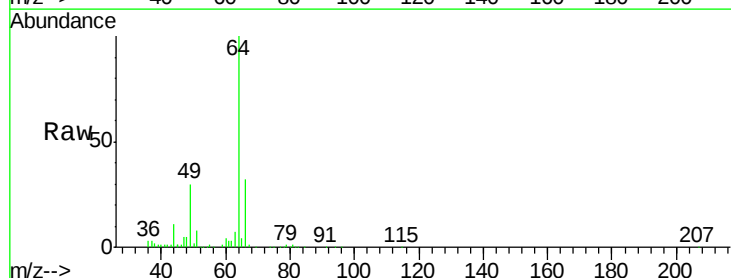
Acq: 20 Jun 2018 14:07

Tgt Ion: 64 Resp: 37336

Ion Ratio Lower Upper

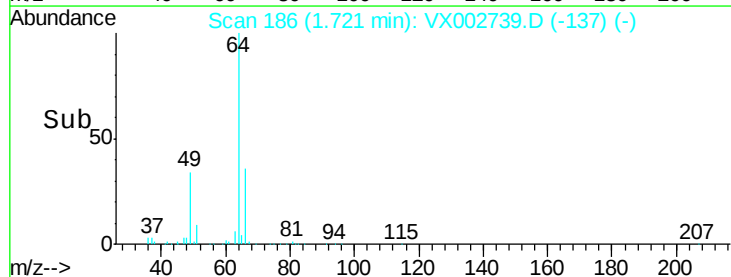
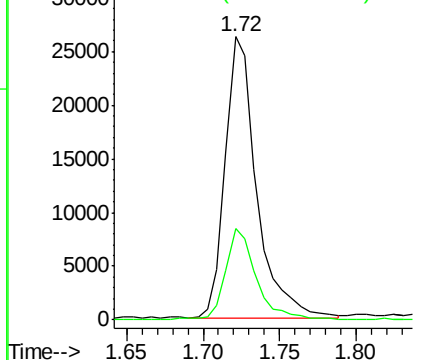
64 100

66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

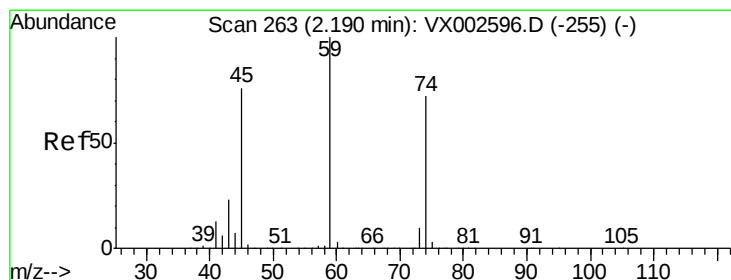
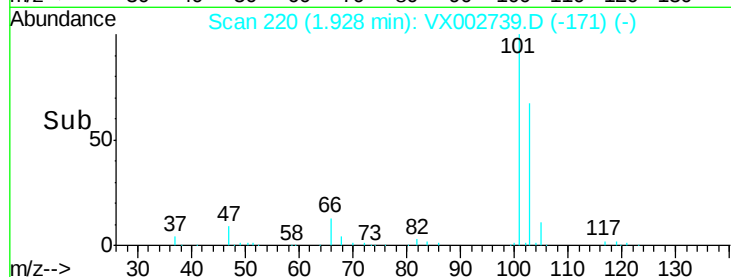
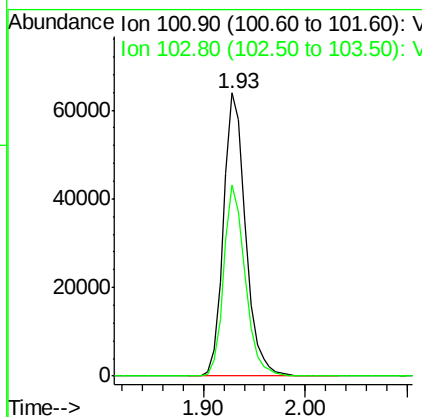
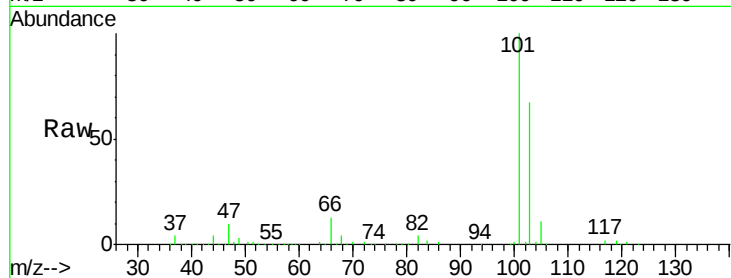
Trichlorofluoromethane
 Concen: 19.07 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
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 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	52.8	79.2

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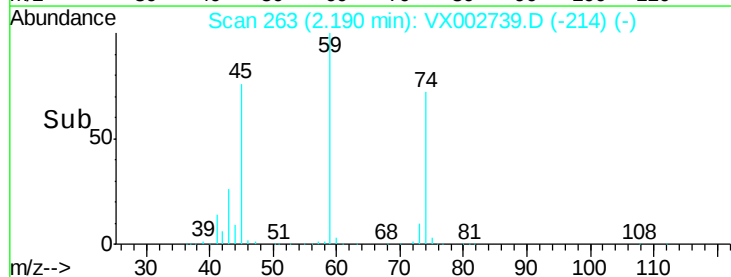
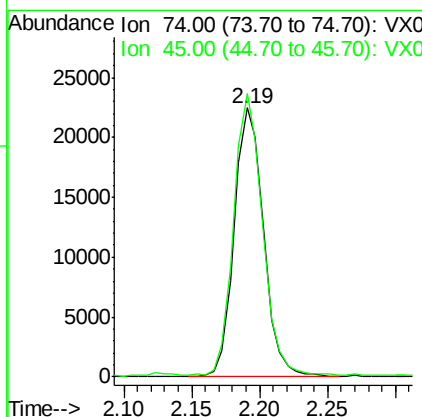
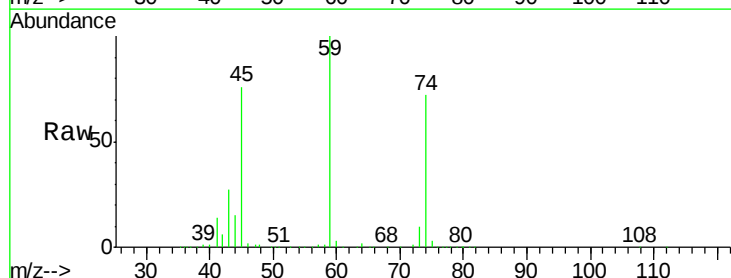
apatel
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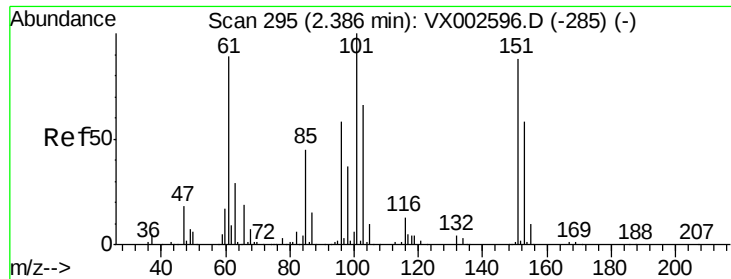


#8

Diethyl Ether
 Concen: 17.65 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.21 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

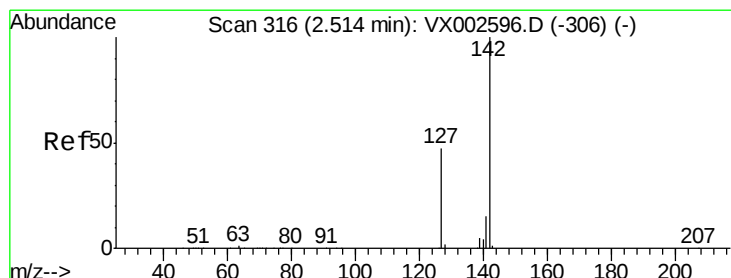
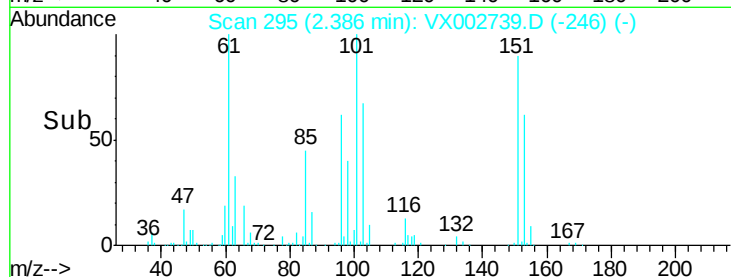
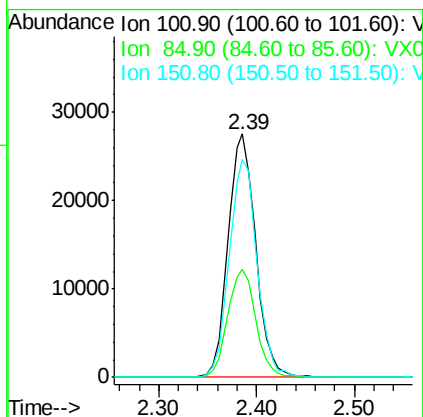
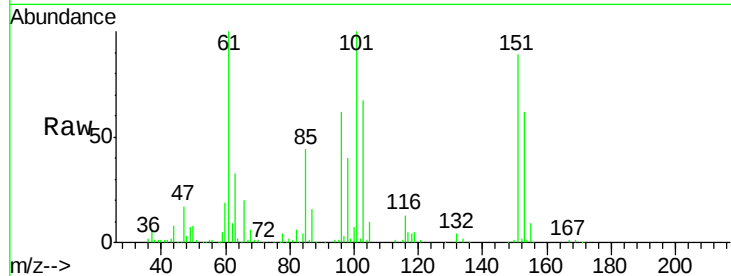
ClientSampleId :

VX0620WBSD01

Tot Ion:	101	Resp:	53985
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.0	54.0
151	90.1	70.9	106.3

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#10

Methyl Iodide

Concen: 16.90 ug/l

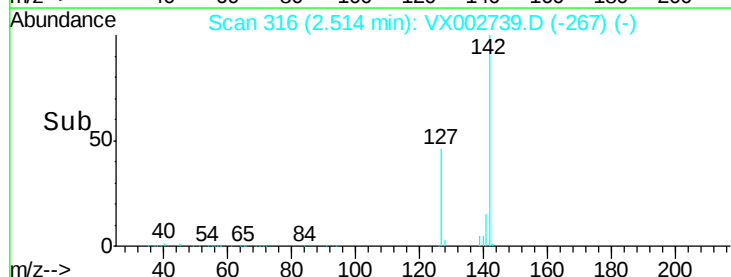
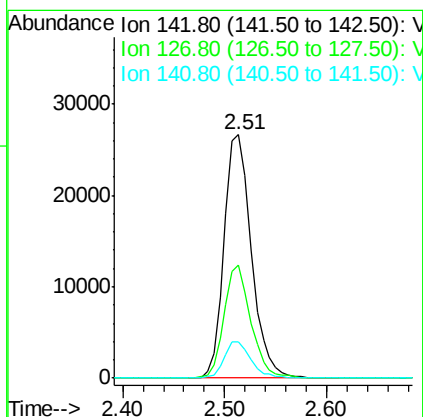
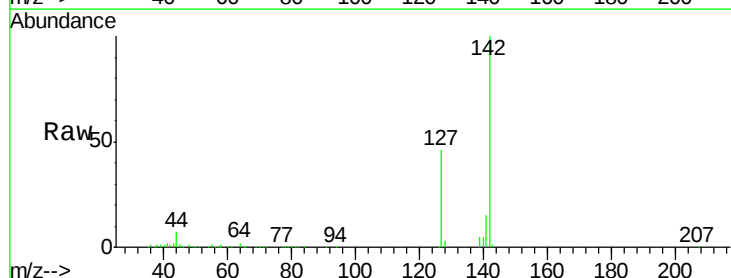
RT: 2.51 min Scan# 316

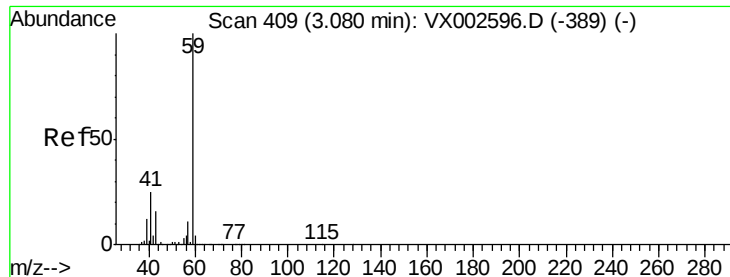
Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	142	Resp:	49589
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.6	55.0
141	14.7	11.3	16.9





#11

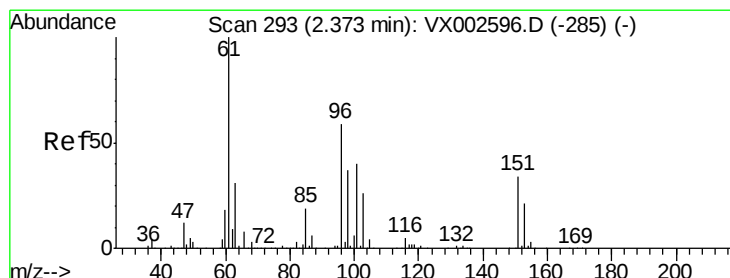
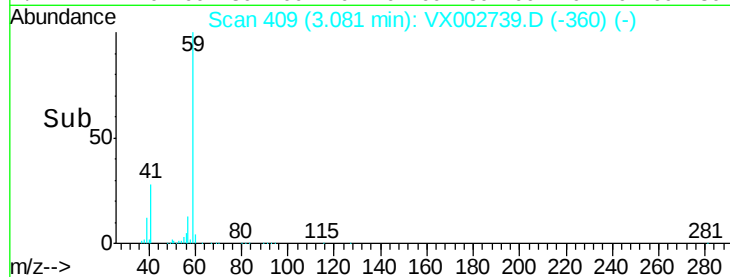
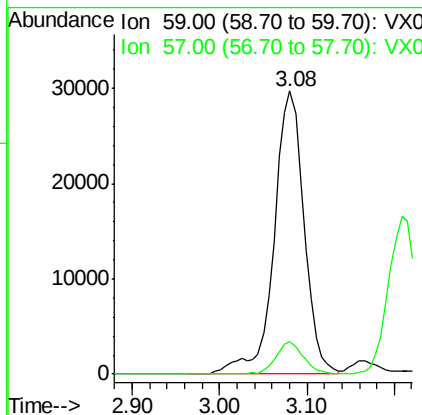
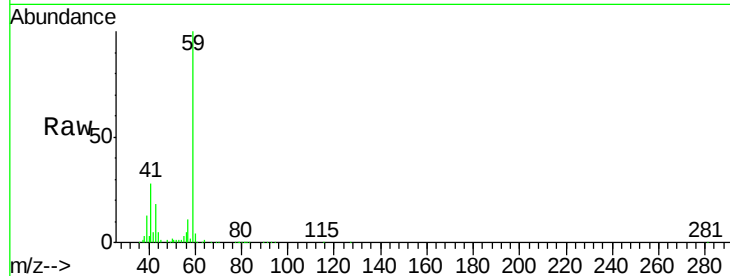
Tert butyl alcohol
 Concen: 95.51 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	59	Resp	70867
Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2

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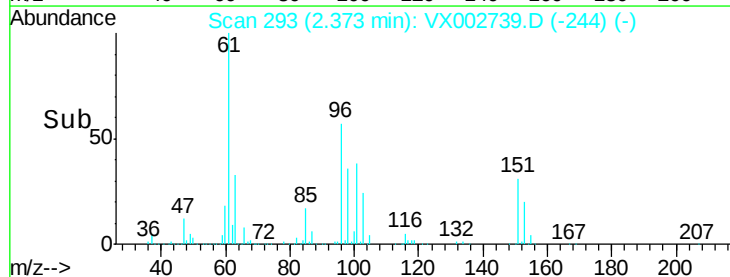
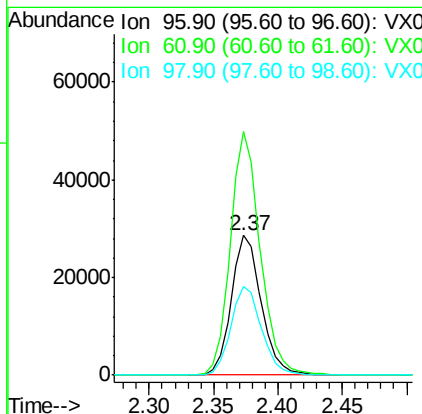
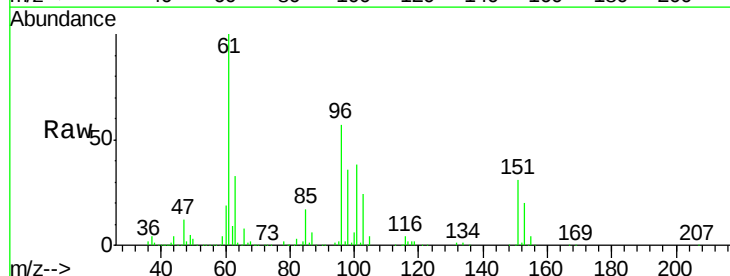
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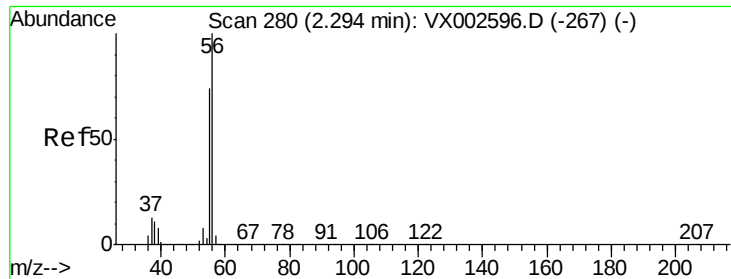


#12

1,1-Dichloroethene
 Concen: 17.60 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion	96	Resp	46459
Ion	Ratio	Lower	Upper
96	100		
61	174.4	137.9	206.9
98	63.6	51.6	77.4





#13

Acrolein

Concen: 122.43 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 56 Resp: 41334

Ion Ratio Lower Upper

56 100

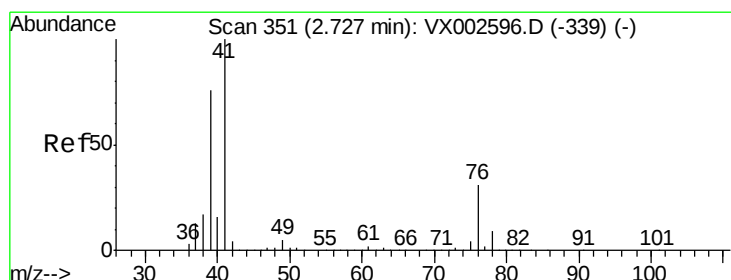
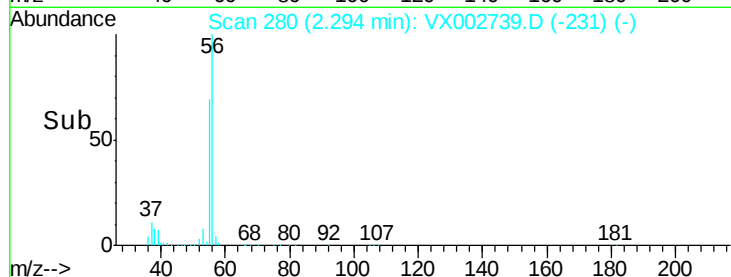
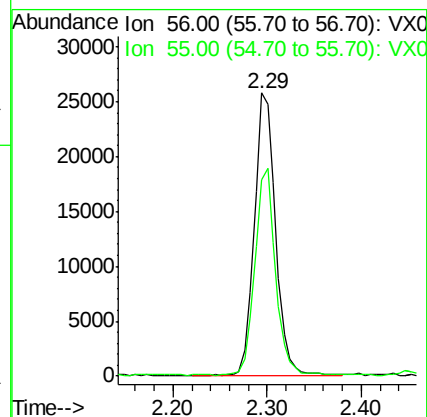
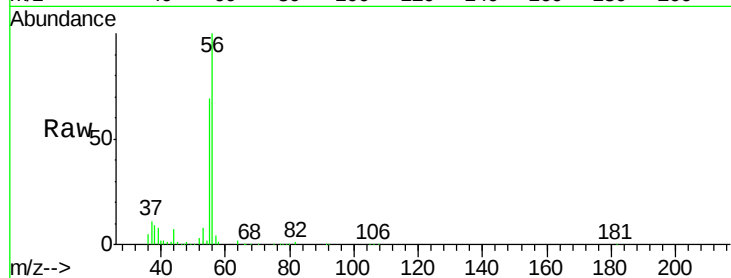
55 72.2 57.0 85.4

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#14

Allyl chloride

Concen: 17.96 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

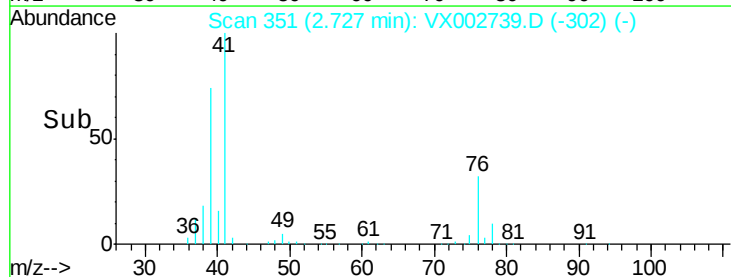
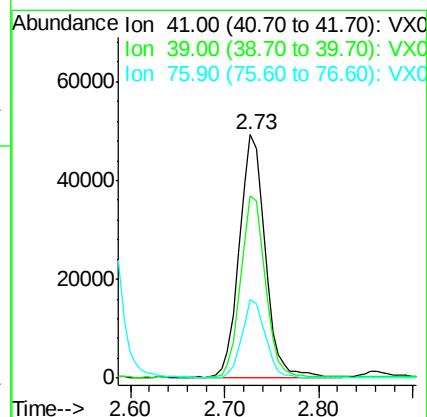
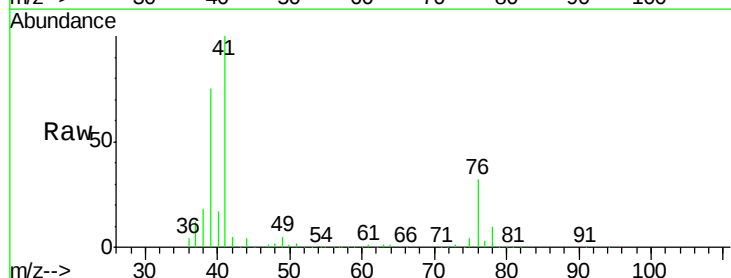
Tgt Ion: 41 Resp: 94134

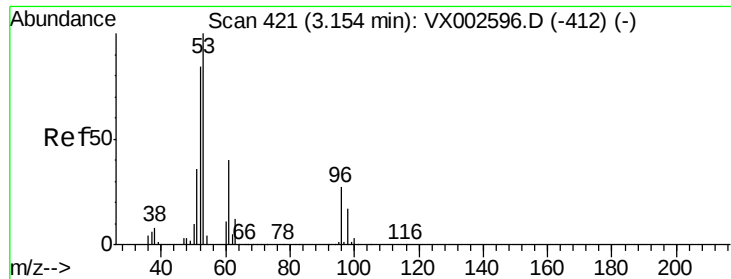
Ion Ratio Lower Upper

41 100

39 71.5 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 92.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

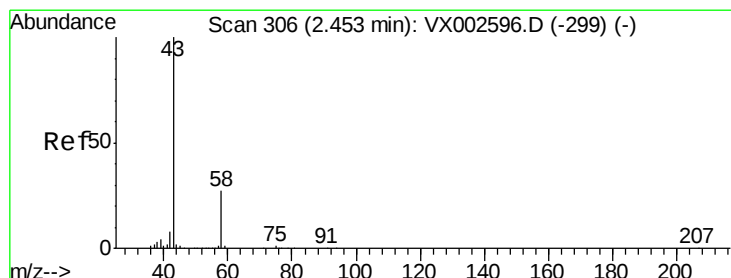
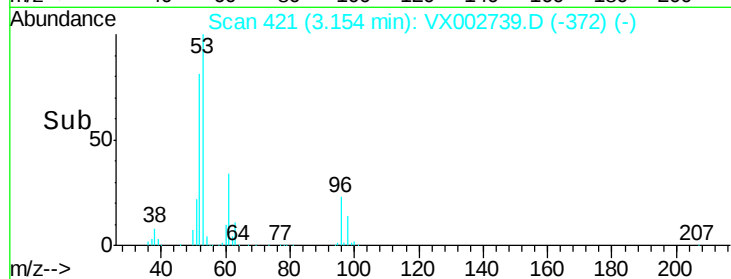
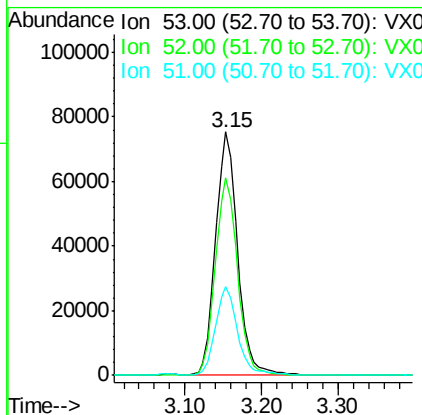
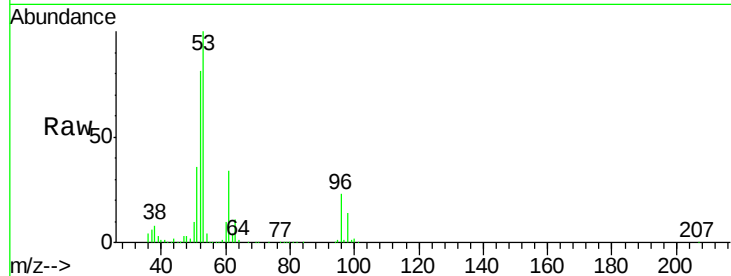
ClientSampleId :

VX0620WBSD01

Tot Ion:	53	Resp:	149446
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.7	100.1
51	36.8	29.9	44.9

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#16

Acetone

Concen: 99.23 ug/l

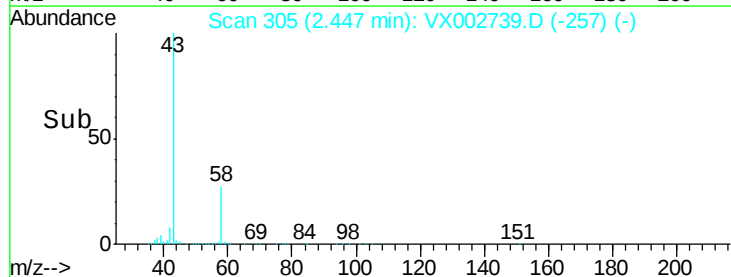
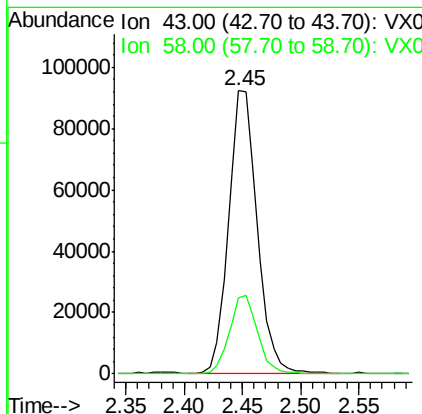
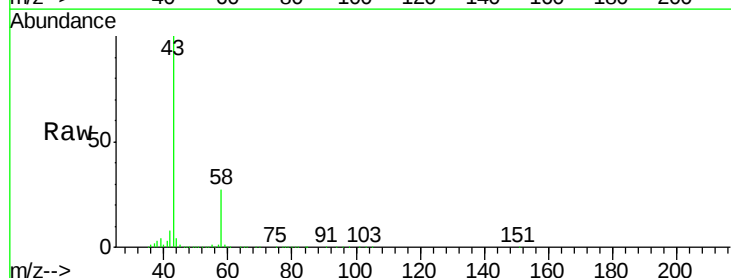
RT: 2.45 min Scan# 305

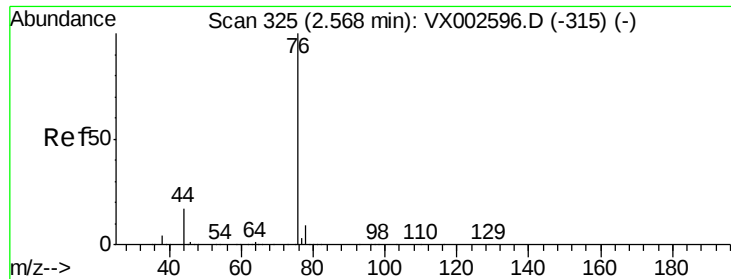
Delta R.T. -0.01 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	43	Resp:	157130
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.1	33.1





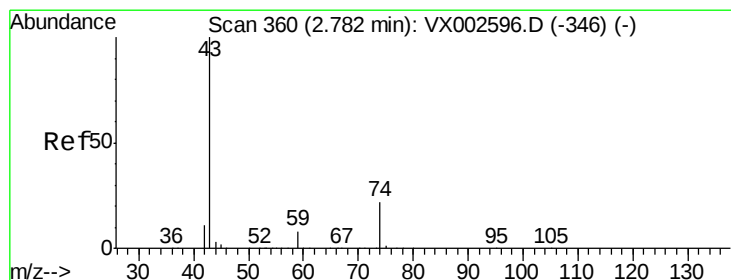
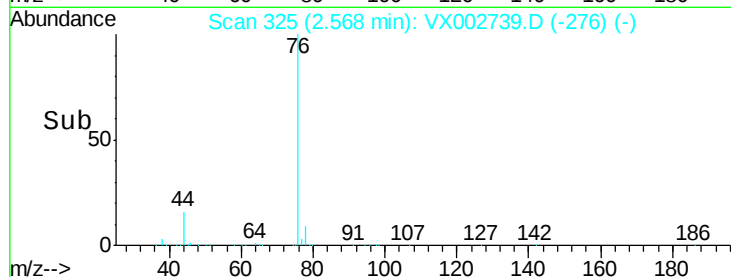
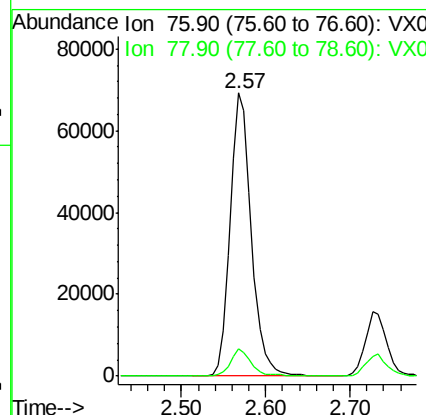
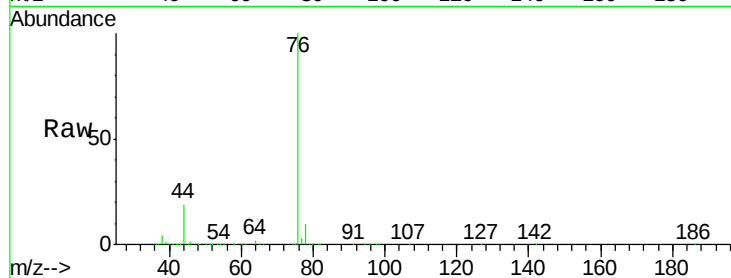
#17
Carbon Disulfide
Concen: 19.13 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

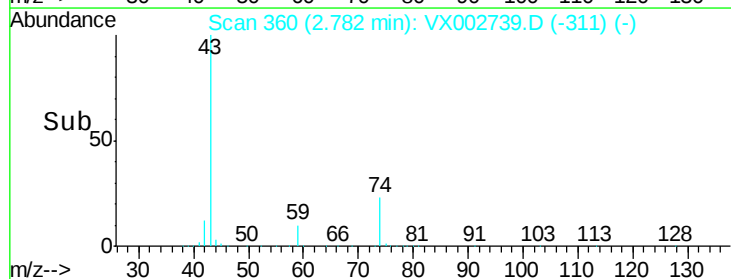
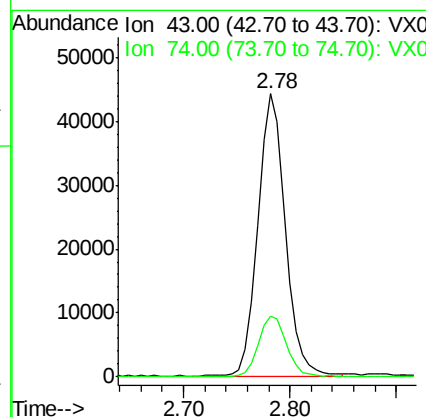
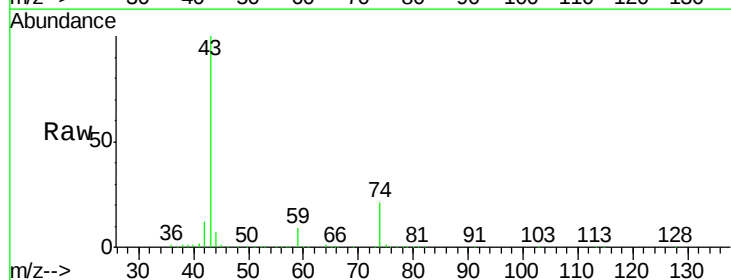
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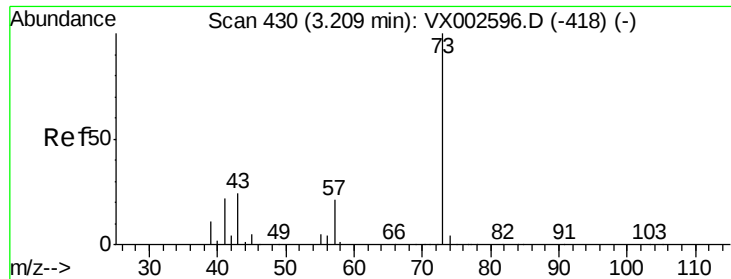
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#18
Methyl Acetate
Concen: 18.89 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.7	25.1





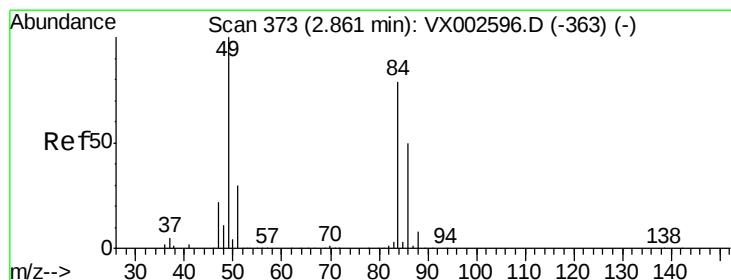
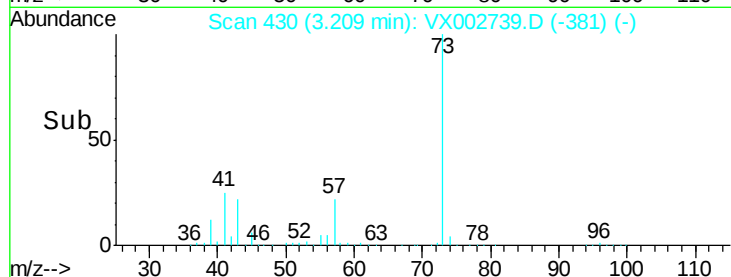
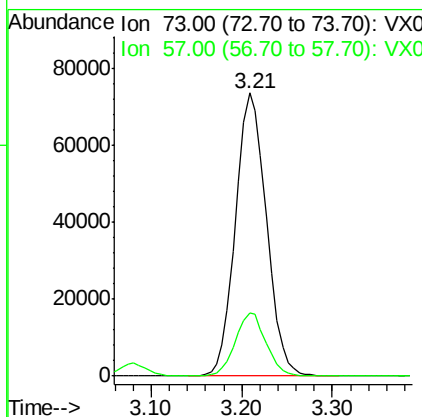
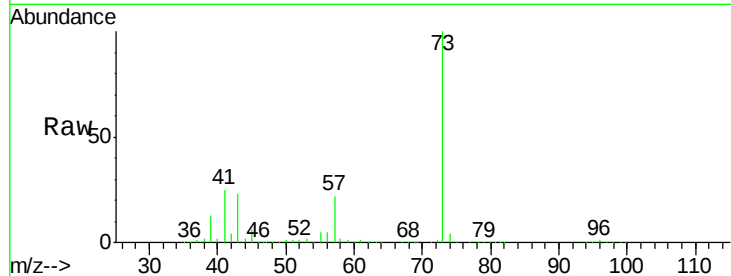
#19
Methvl tert-butvl Ether
Concen: 17.61 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion: 73 Resp: 174347
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

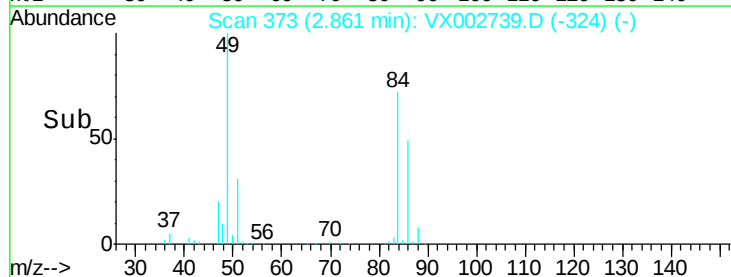
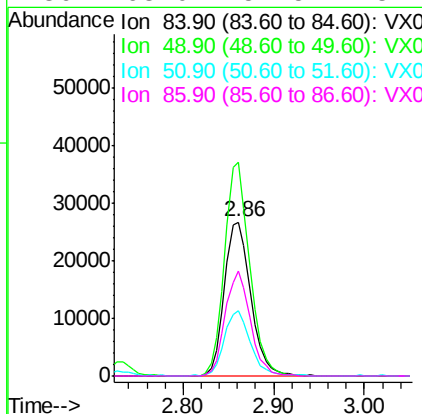
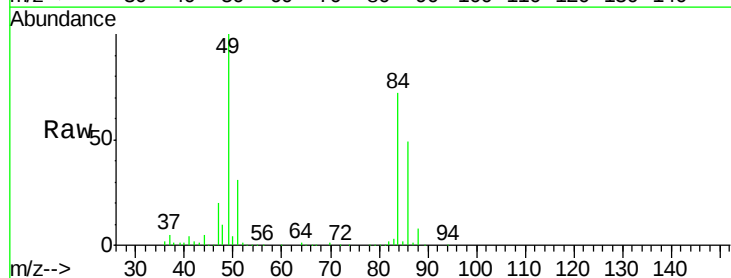
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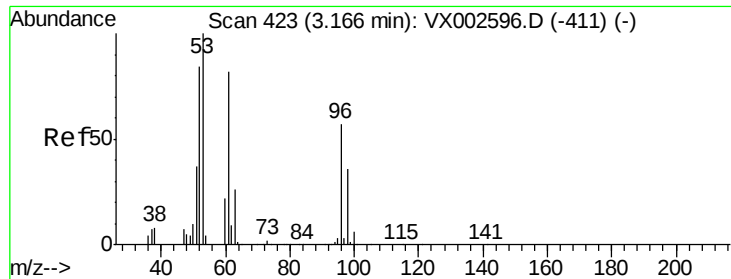
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#20
Methylene Chloride
Concen: 16.72 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 84 Resp: 54275
Ion Ratio Lower Upper
84 100
49 138.9 107.8 161.6
51 42.5 32.8 49.2
86 68.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

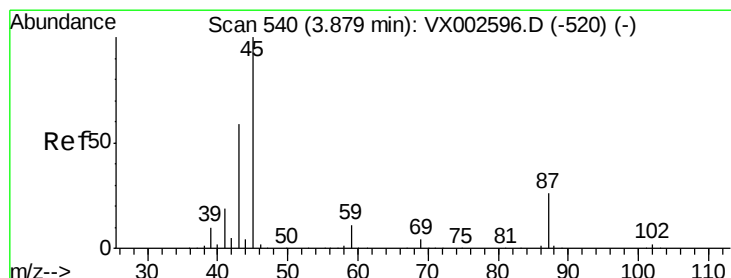
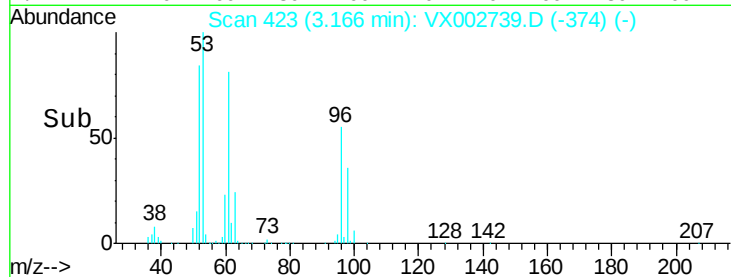
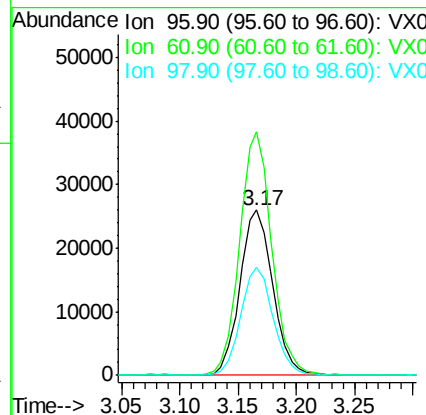
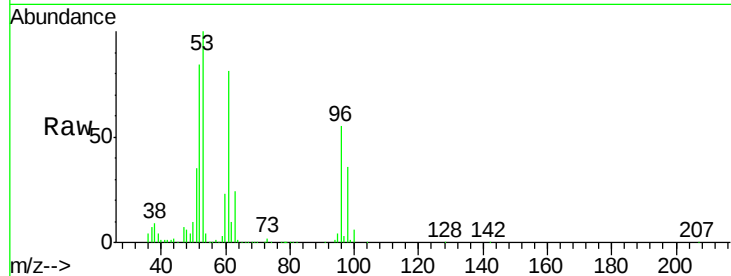
ClientSampleId :

VX0620WBSD01

Tot Ion:	96	Resp:	51228
Ion	Ratio	Lower	Upper
96	100		
61	147.3	117.0	175.4
98	65.5	52.4	78.6

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#22

Diisopropyl ether

Concen: 18.26 ug/l

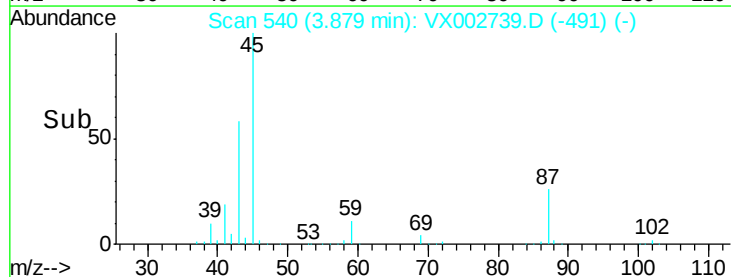
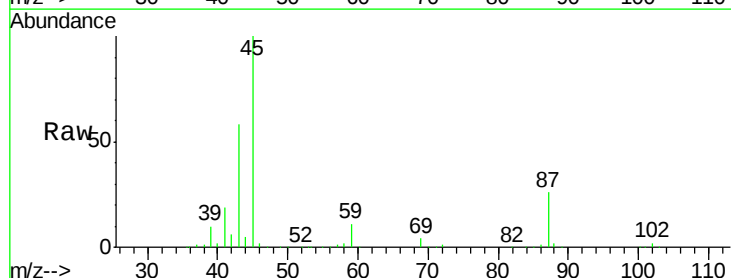
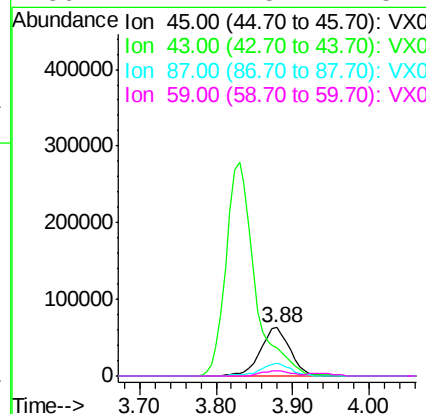
RT: 3.88 min Scan# 540

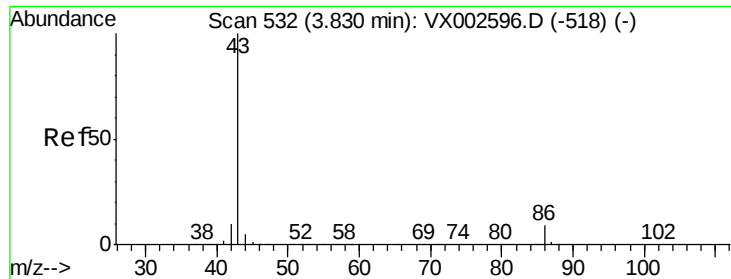
Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	45	Resp:	173098
Ion	Ratio	Lower	Upper
45	100		
43	58.2	46.8	70.2
87	26.3	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 92.20 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 43 Resp: 731555

Ion Ratio Lower Upper

43 100

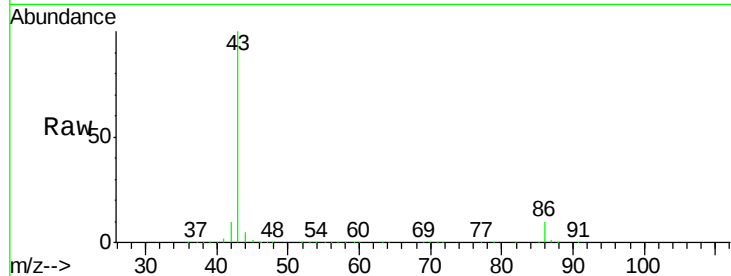
86 9.6 7.4 11.0

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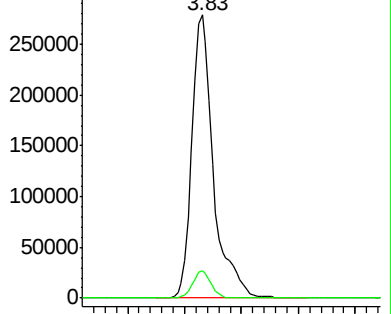
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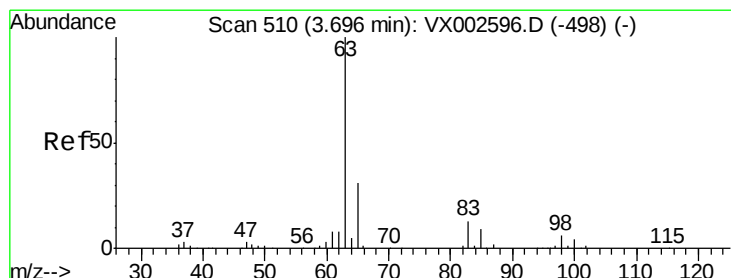
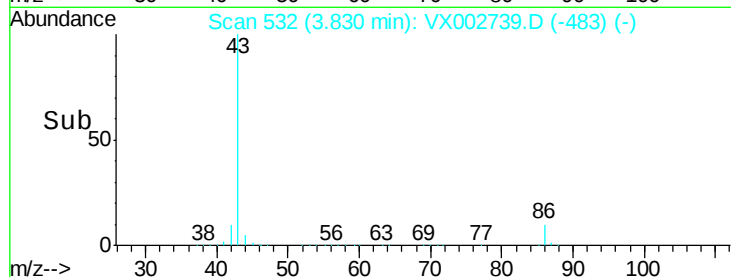


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 18.76 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

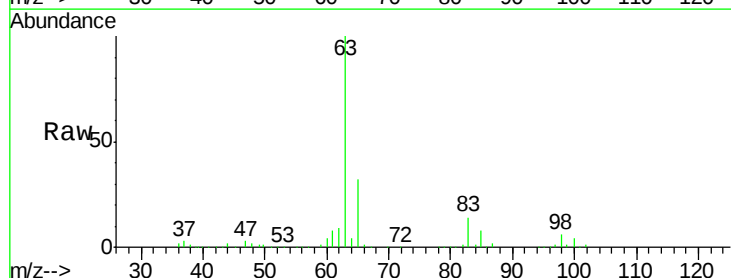
Tgt Ion: 63 Resp: 96547

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

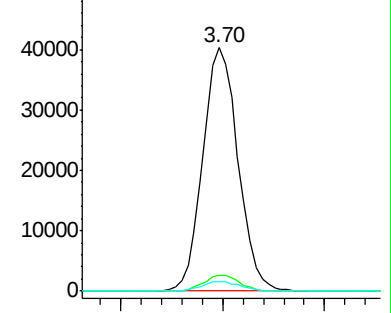
100 4.0 2.0 6.0



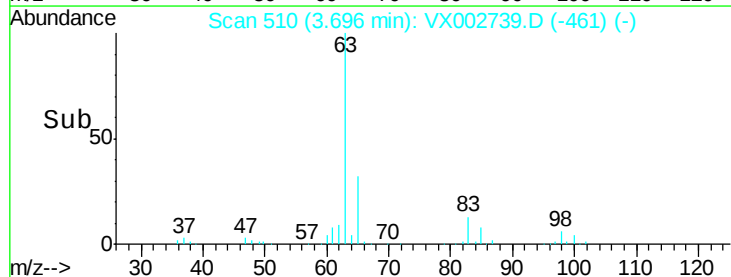
Abundance Ion 62.90 (62.60 to 63.60): VX0

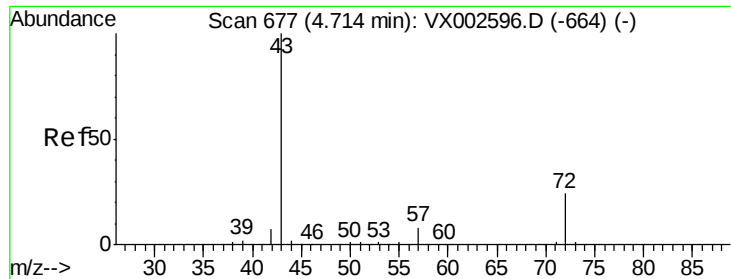
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 100.08 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 43 Resp: 208119

Ion Ratio Lower Upper

43 100

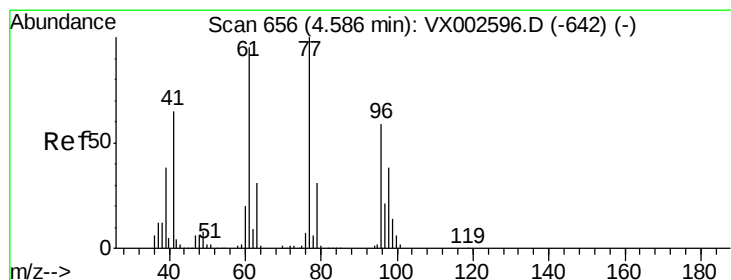
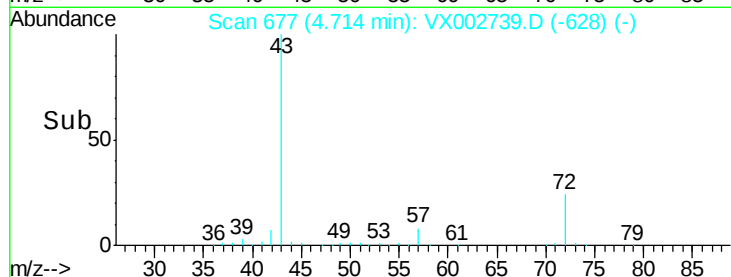
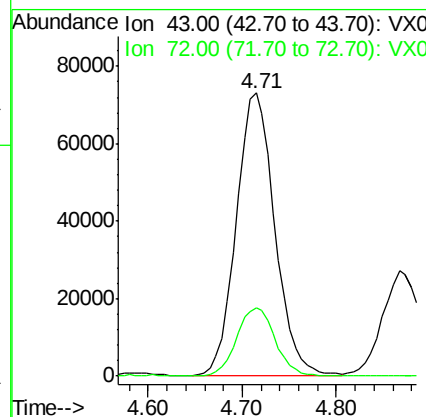
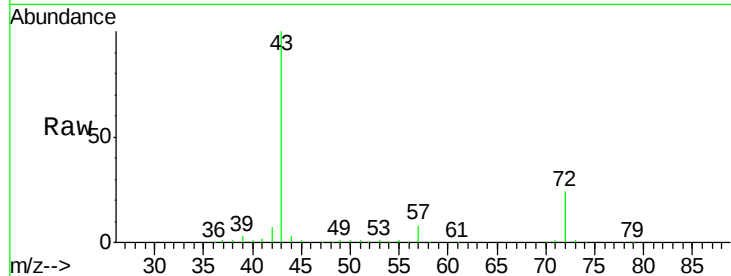
72 24.0 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 19.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002739.D

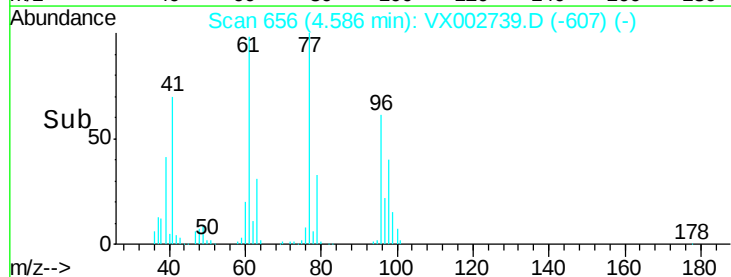
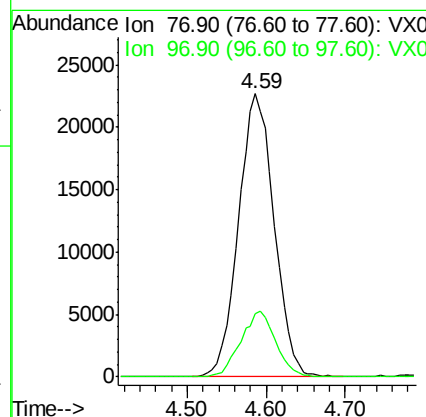
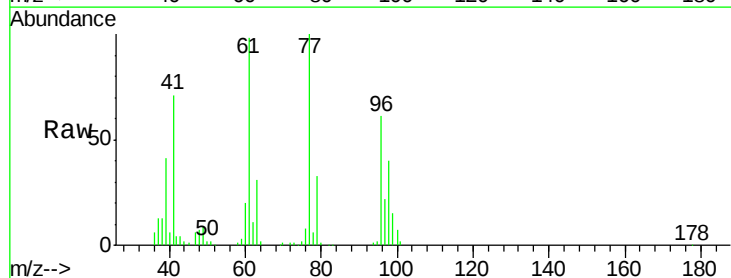
Acq: 20 Jun 2018 14:07

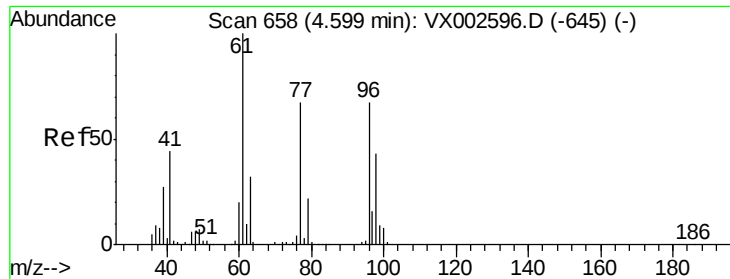
Tgt Ion: 77 Resp: 71105

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

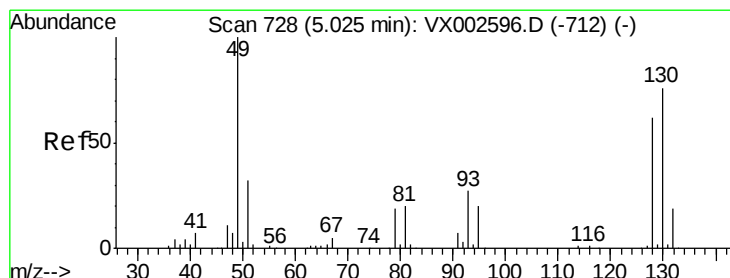
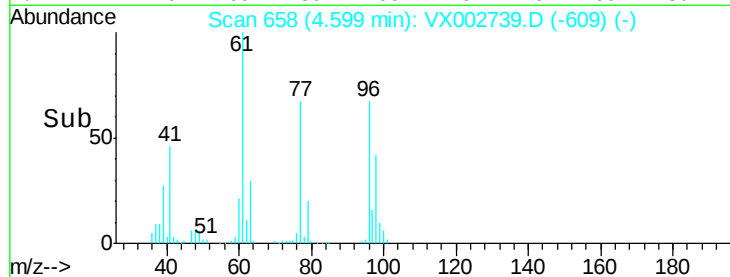
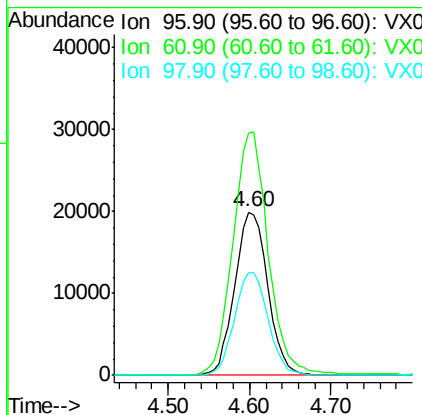
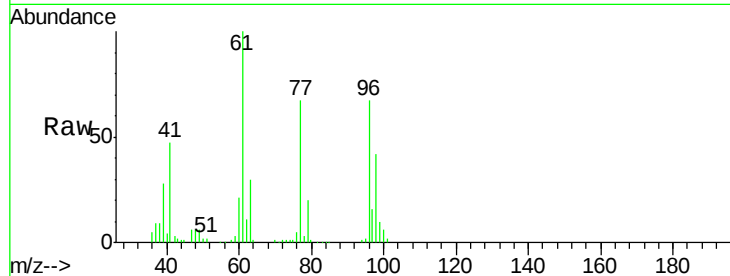
cis-1,2-Dichloroethene
Concen: 19.20 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.2	0.0	330.2
98	64.1	0.0	130.2

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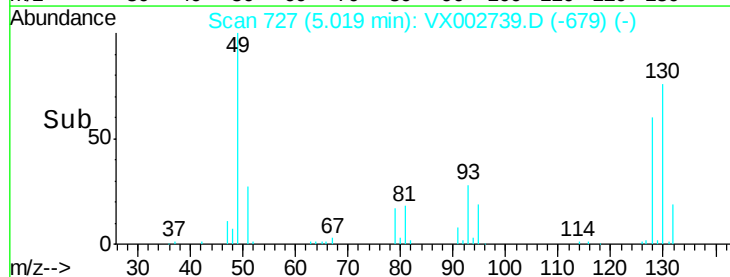
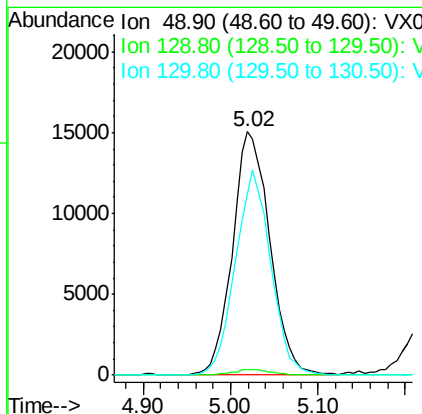
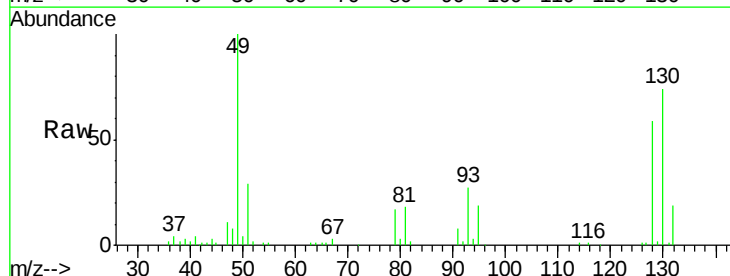
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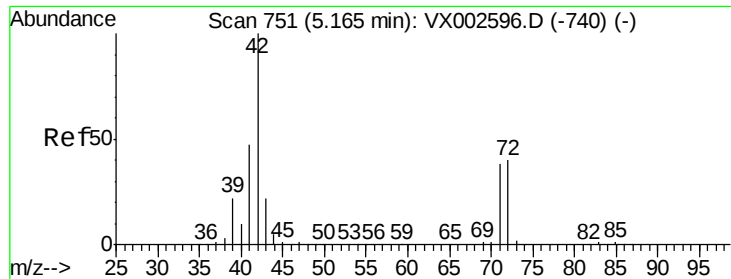


#28

Bromochloromethane
Concen: 18.61 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	79.4	61.2	91.8





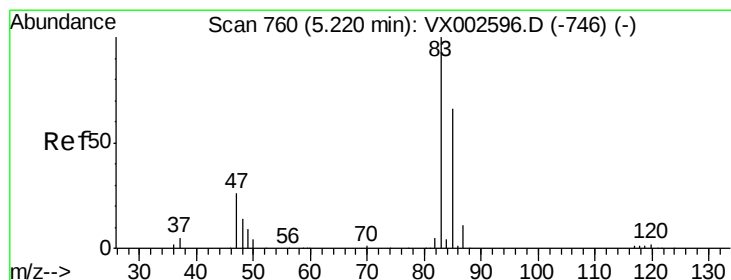
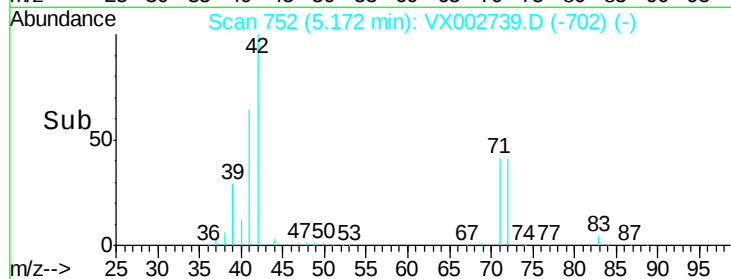
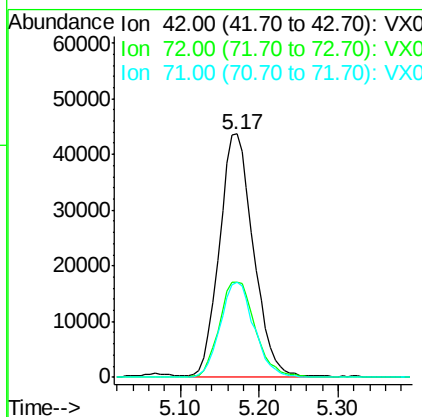
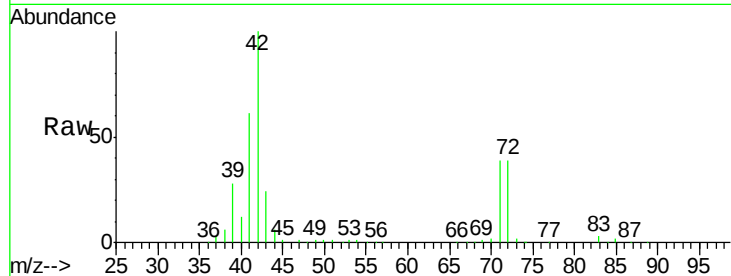
#29
Tetrahydrofuran
Concen: 95.69 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	39.1	30.1	45.1

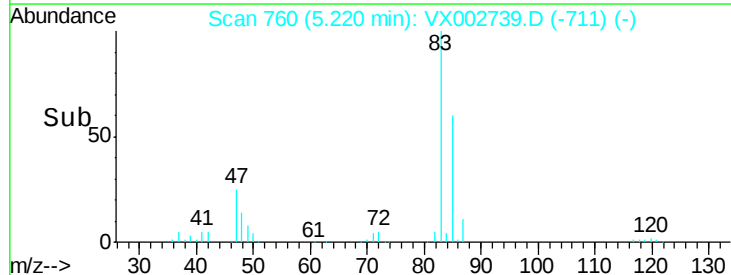
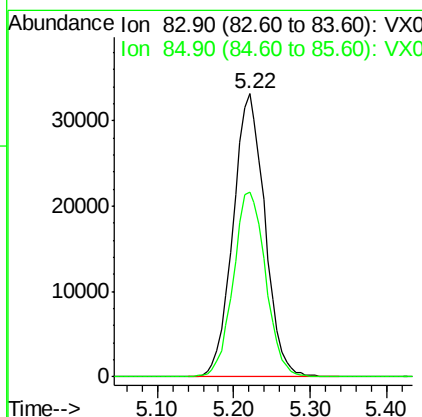
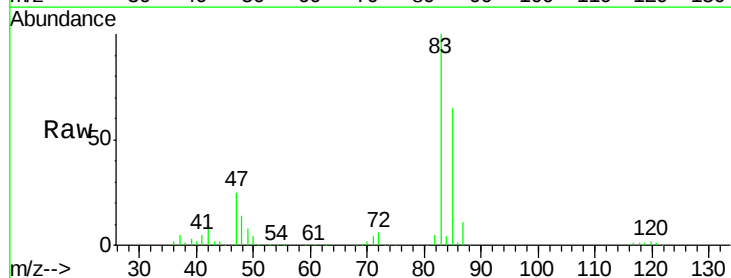
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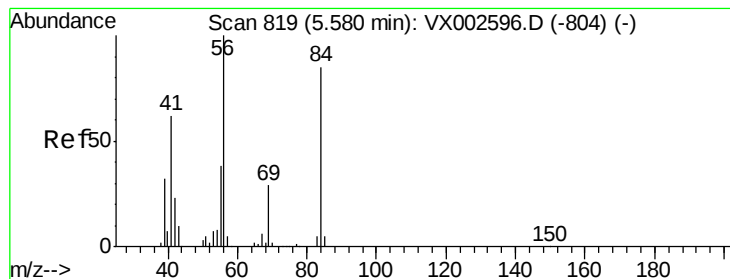
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#30
Chloroform
Concen: 19.25 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.4	75.6





#31

Cyclohexane

Concen: 18.94 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

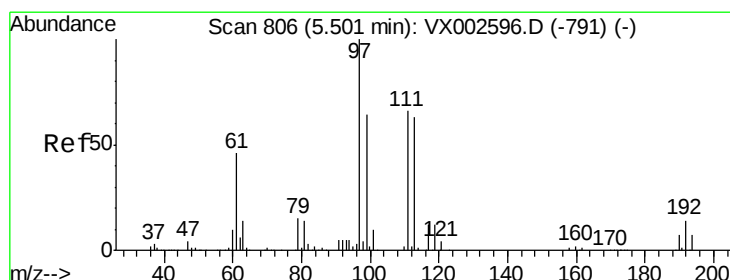
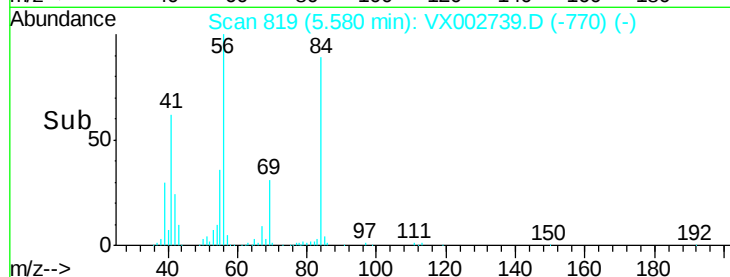
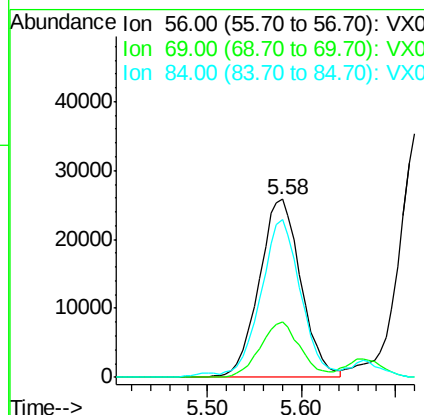
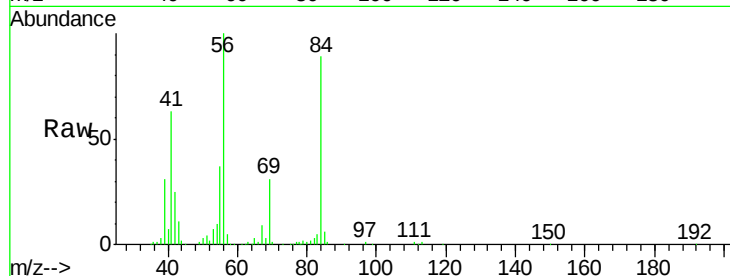
ClientSampleId :

VX0620WBSD01

Tot Ion:	56	Resp:	80232
Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.7	35.5
84	87.6	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 19.92 ug/l

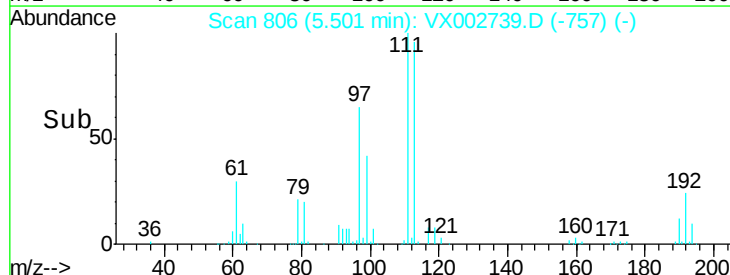
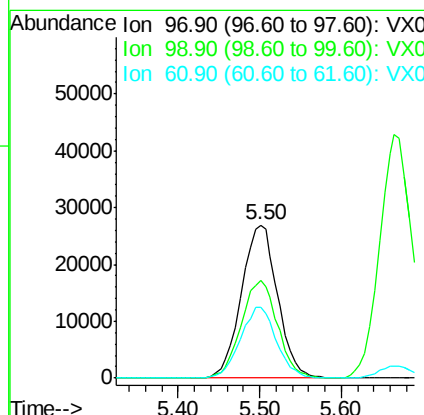
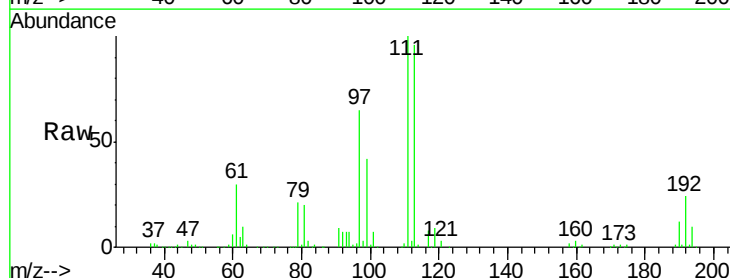
RT: 5.50 min Scan# 806

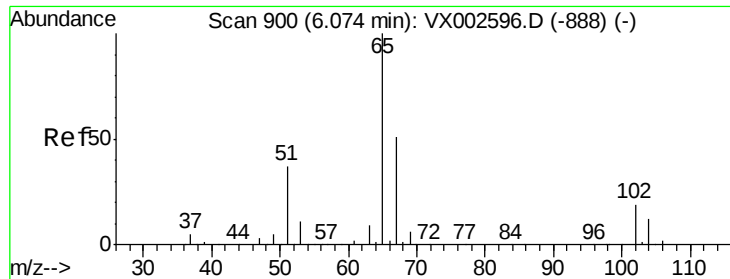
Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	97	Resp:	82687
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	46.4	36.4	54.6





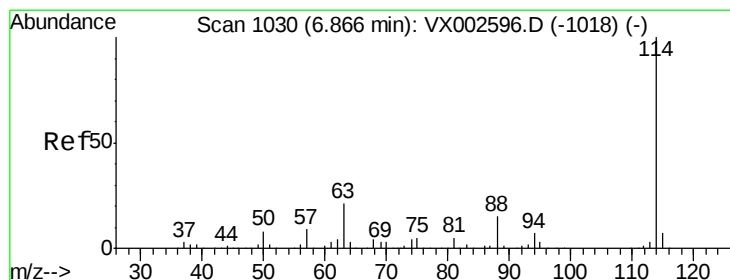
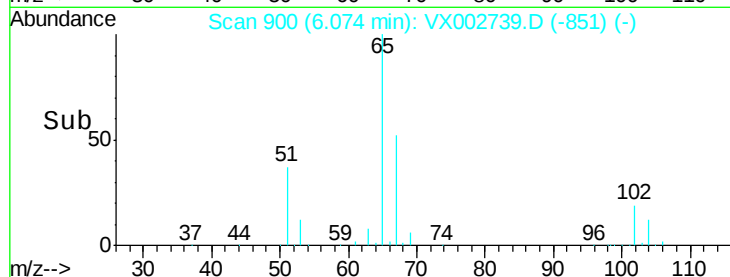
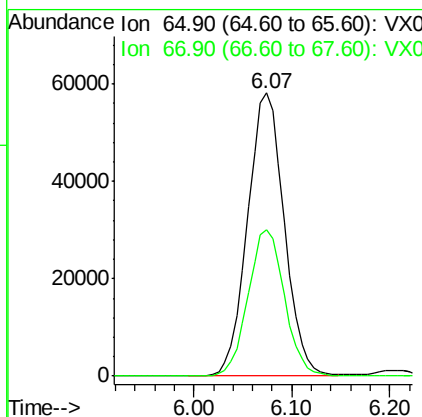
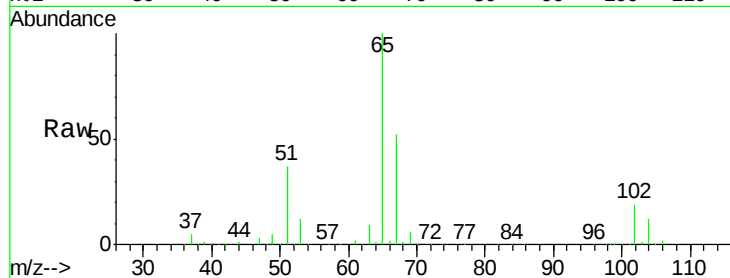
#33
 1,2-Dichloroethane-d4
 Concen: 42.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152006		
67	51.5	0.0	102.6	

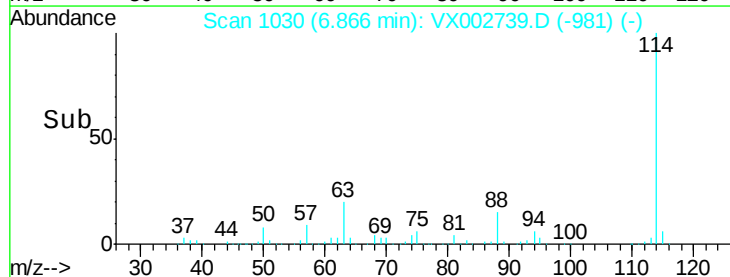
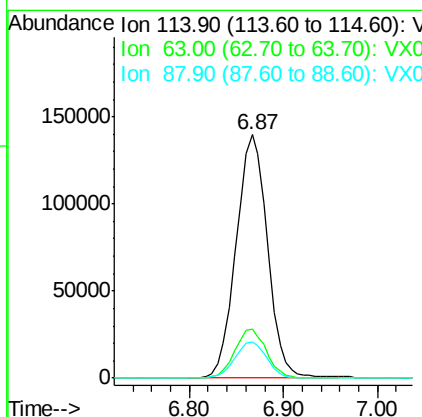
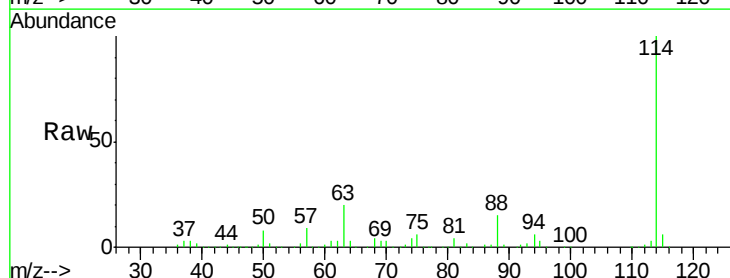
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	325468		
63	20.3	0.0	41.4	
88	14.9	0.0	30.0	





#35

Dibromofluoromethane

Concen: 45.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

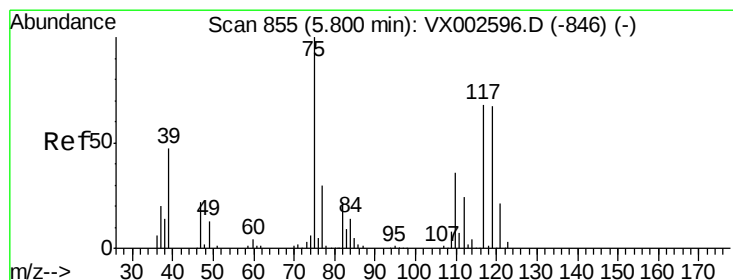
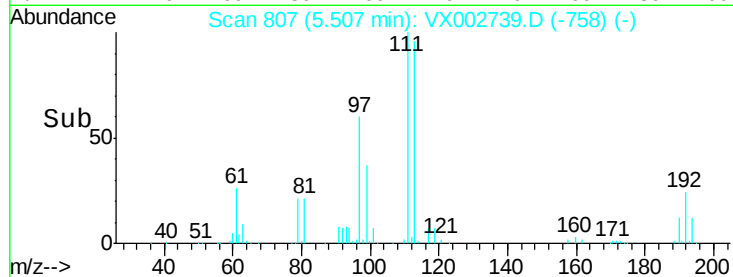
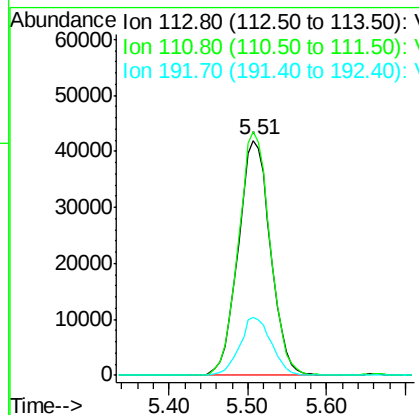
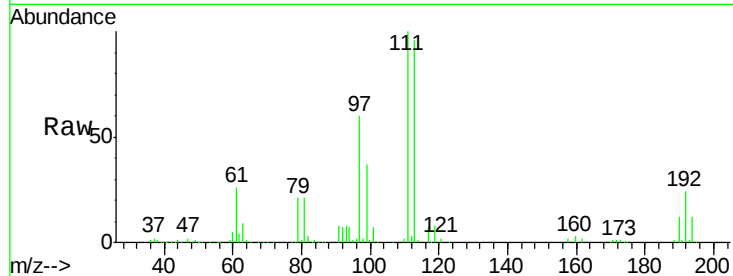
ClientSampleId :

VX0620WBSD01

Tot Ion:	113	Resp:	119397
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	24.1	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 19.95 ug/l

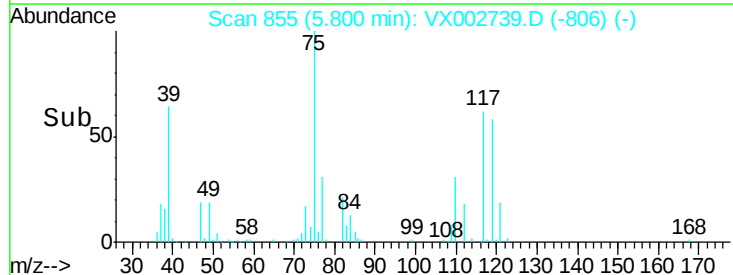
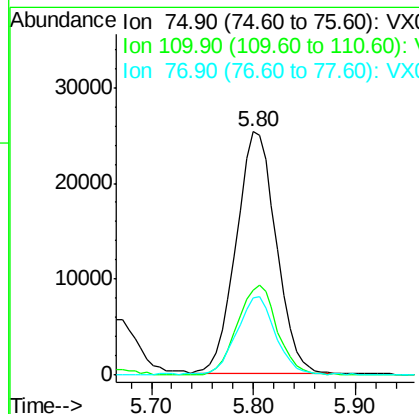
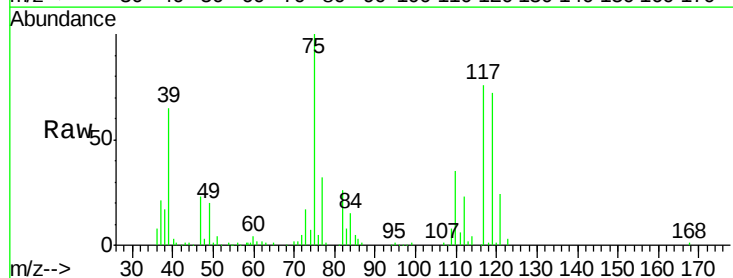
RT: 5.80 min Scan# 855

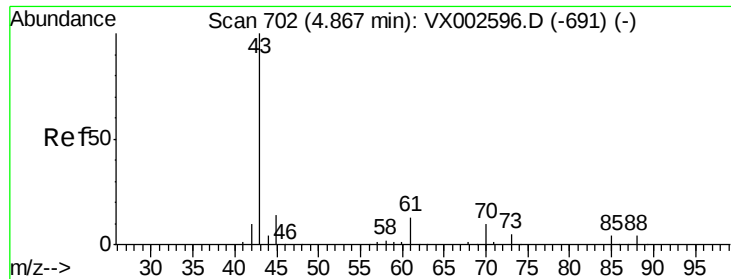
Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	75	Resp:	68946
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.4
77	30.5	24.3	36.5





#37

Ethyl Acetate

Concen: 19.72 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

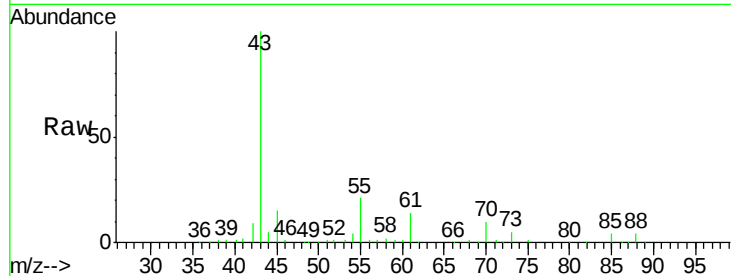
ClientSampleId :

VX0620WBSD01

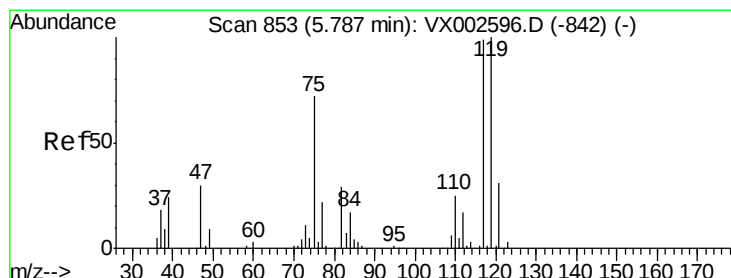
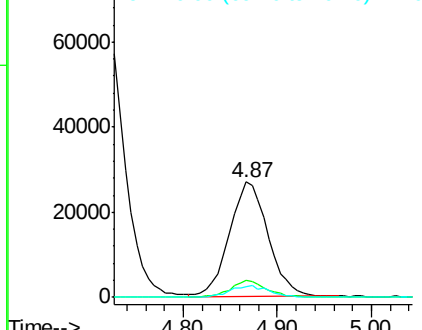
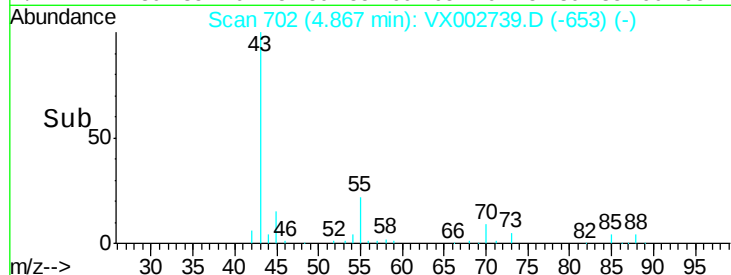
Tot Ion:	43	Resp:	77154
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.4	7.6	11.4

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Abundance Ion 43.00 (42.70 to 43.70): VX002739.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 21.49 ug/l

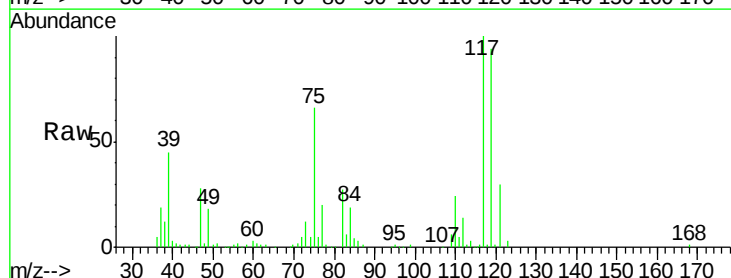
RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

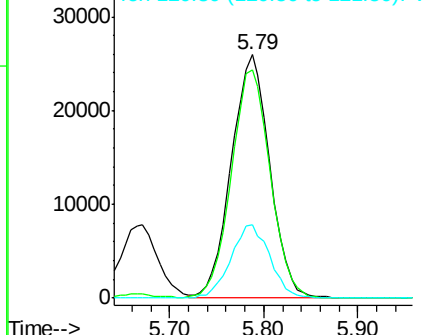
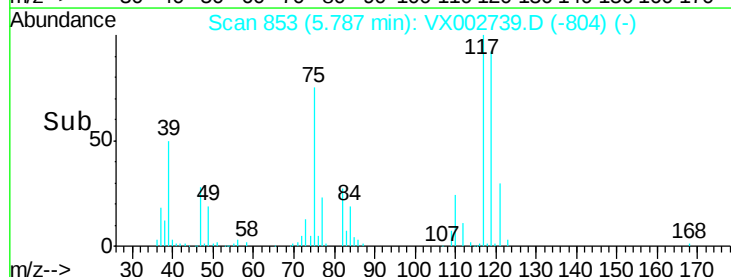
Lab File: VX002739.D

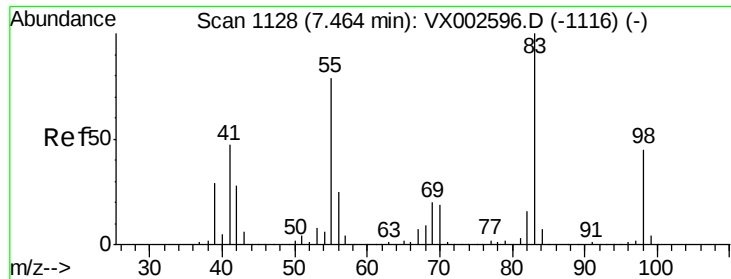
Acq: 20 Jun 2018 14:07

Tgt Ion:	117	Resp:	73975
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.4	116.0
121	30.3	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002739.D (-804) (-)





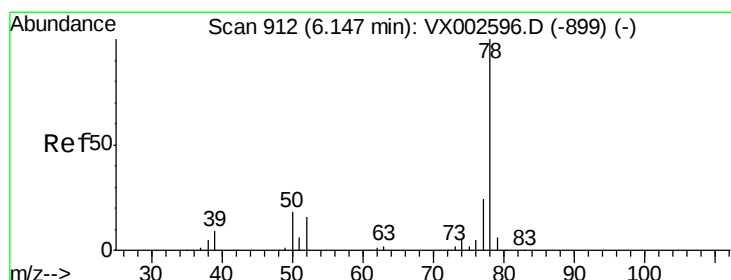
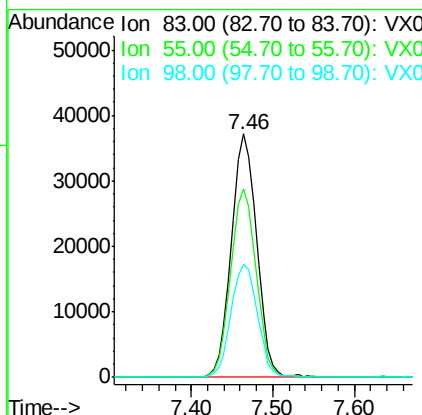
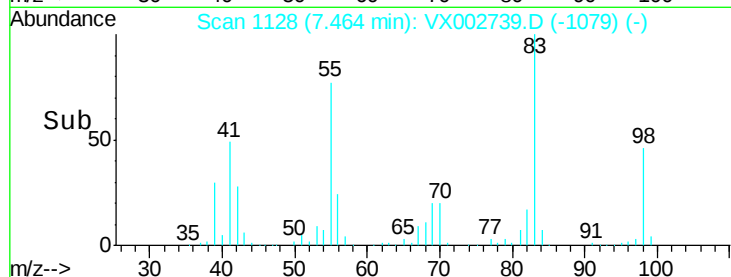
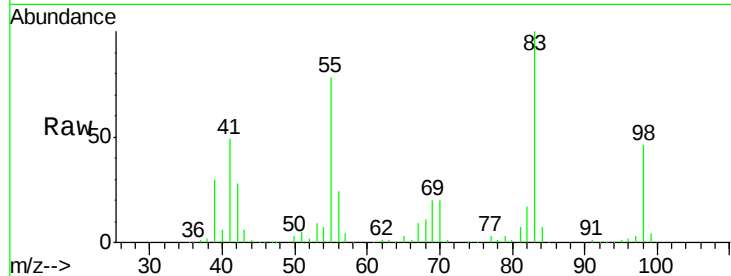
#39
Methvlcvclohexane
Concen: 19.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	65.4	98.0
98	46.2	37.4	56.0

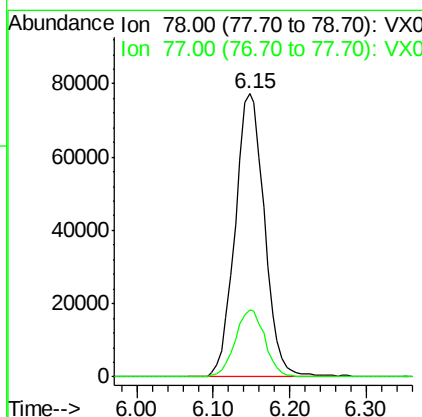
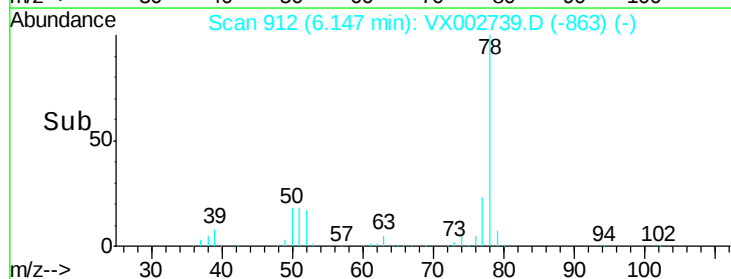
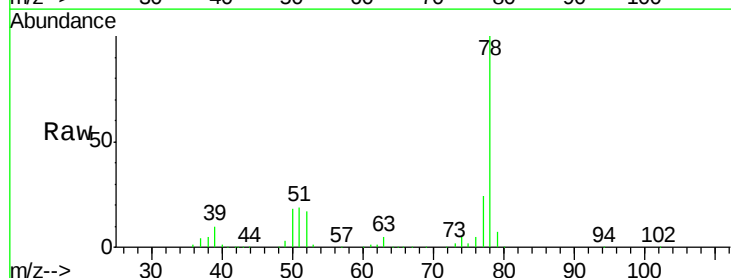
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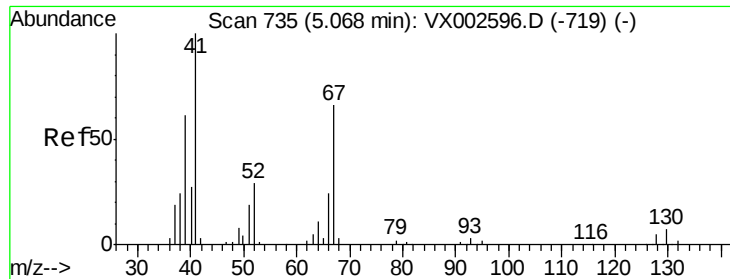
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#40
Benzene
Concen: 19.85 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





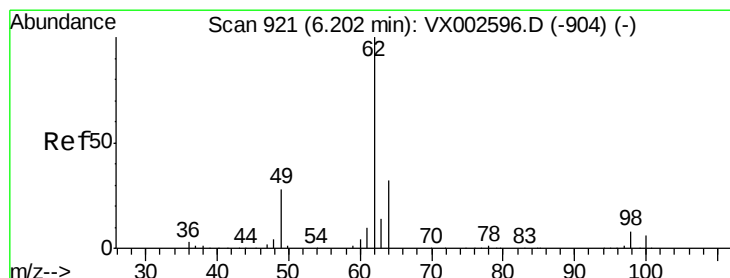
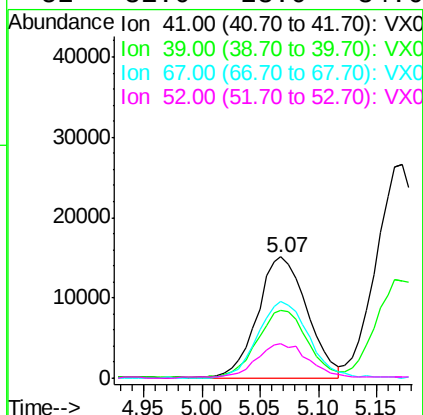
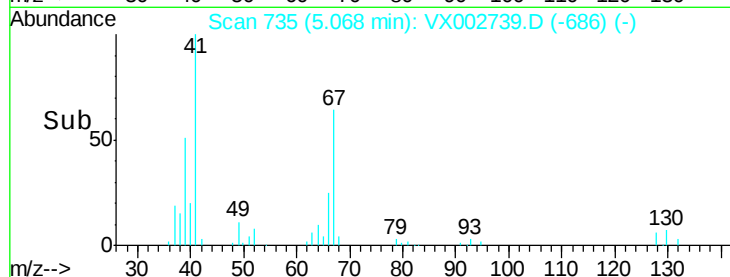
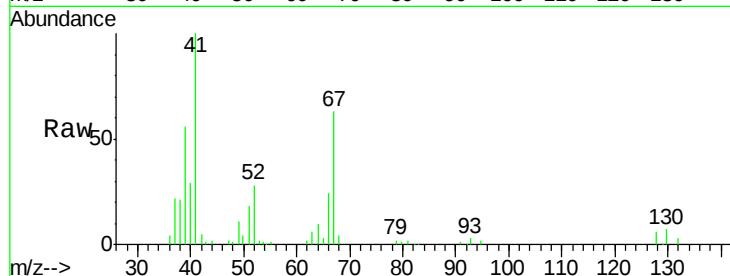
#41
Methacrylonitrile
Concen: 20.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	45.8	68.6	
67	65.8	51.3	76.9	
52	31.0	23.0	34.6	

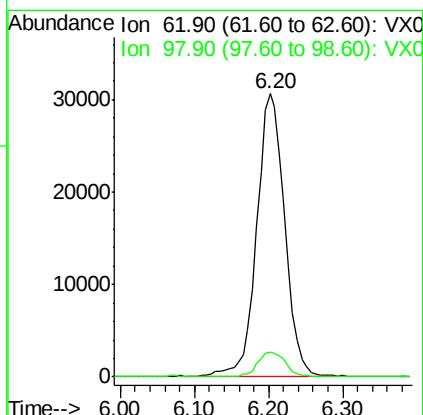
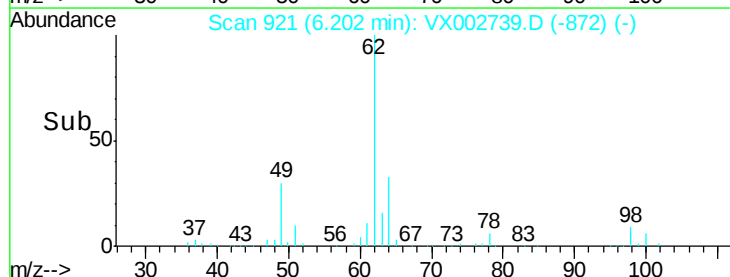
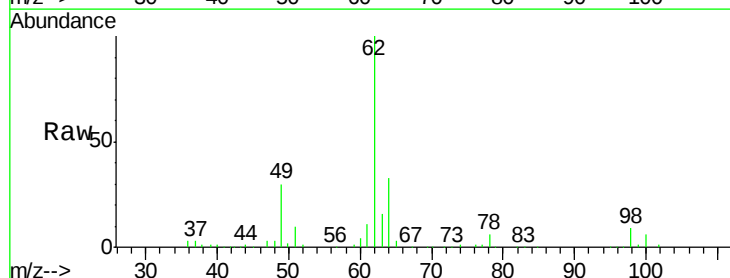
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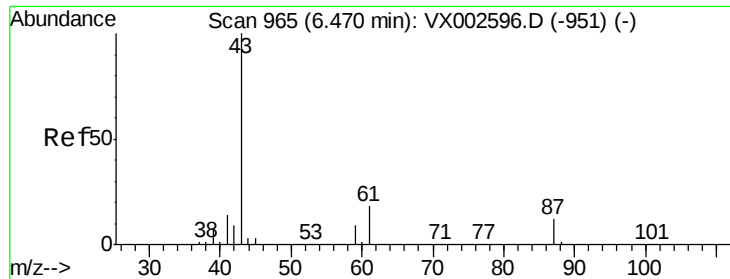
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#42
1,2-Dichloroethane
Concen: 20.15 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	16.6	





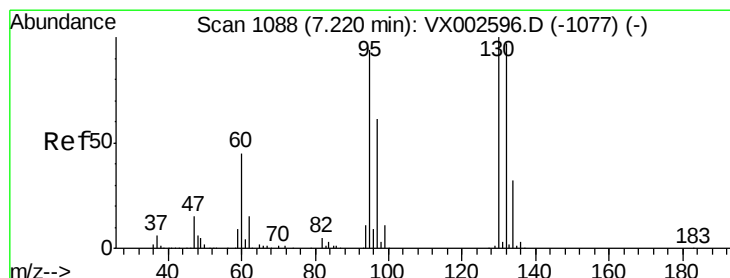
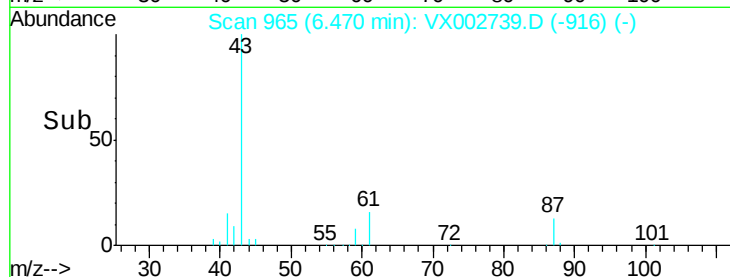
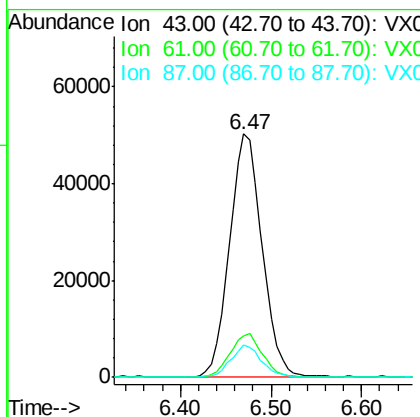
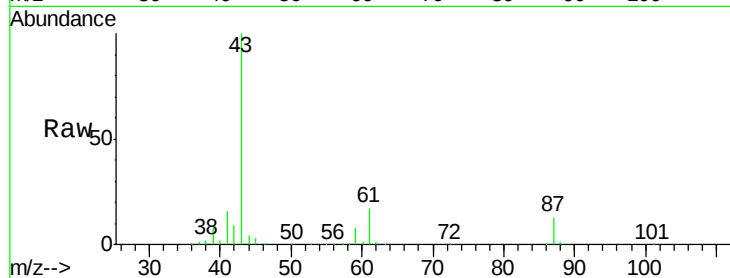
#43
Isopropyl Acetate
Concen: 19.23 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.4	21.6
87	12.6	9.5	14.3

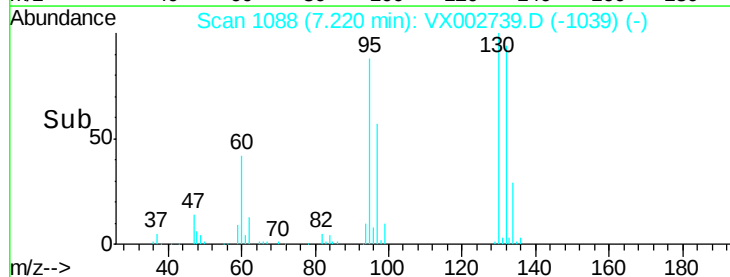
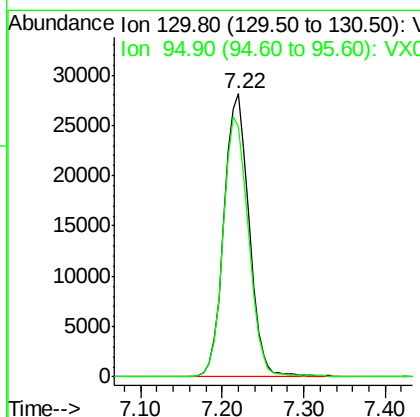
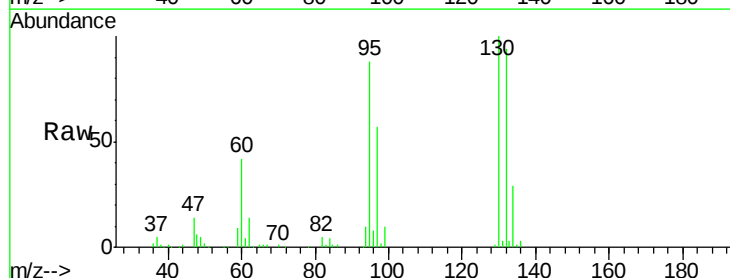
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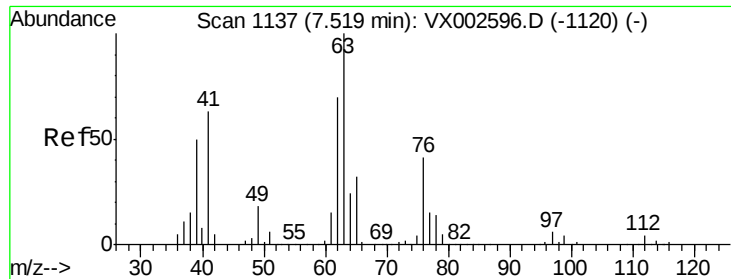
apatel
6/22/2018 8:08:29 AM



#44
Trichloroethene
Concen: 19.97 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.86 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 63 Resp: 54169

Ion Ratio Lower Upper

63 100

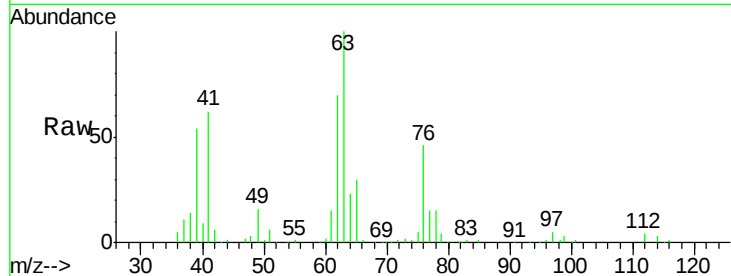
65 29.3 24.7 37.1

Manual Integrations

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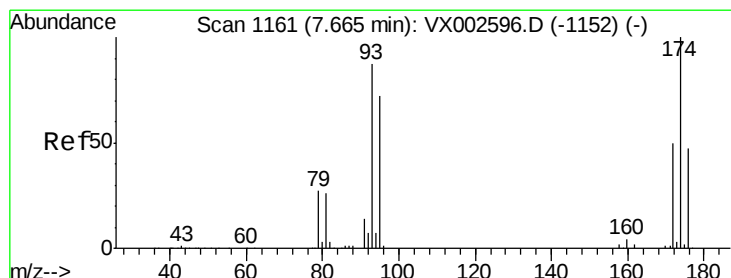
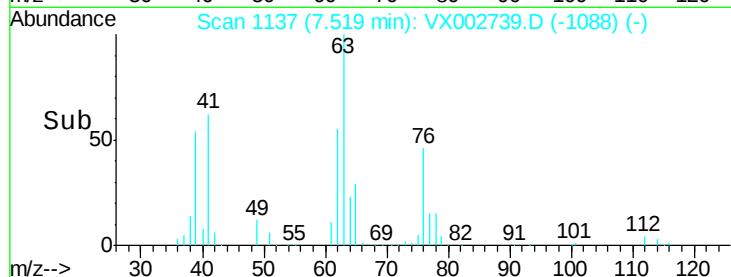


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

Time-->



#46

Dibromomethane

Concen: 20.54 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

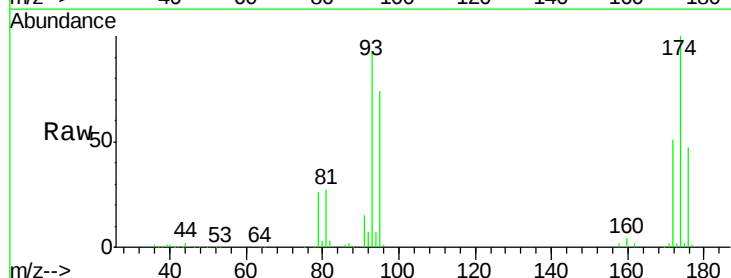
Tgt Ion: 93 Resp: 37475

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 116.9 92.4 138.6



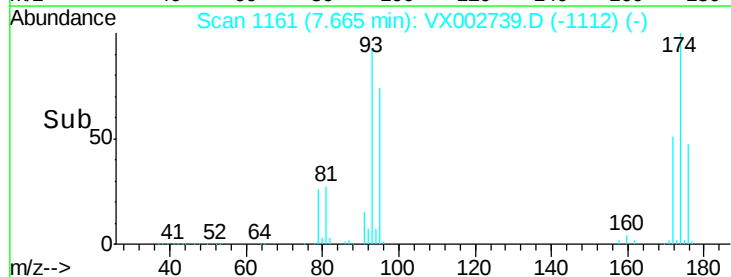
Abundance Ion 92.80 (92.50 to 93.50): VX0

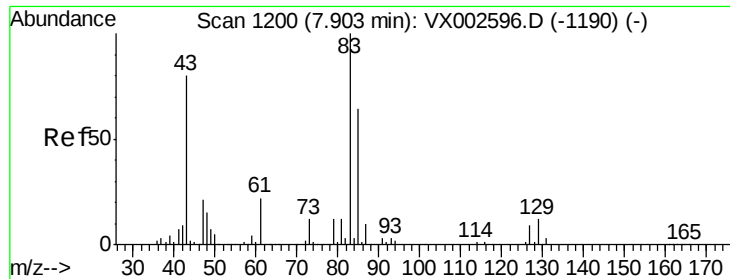
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

Time-->





#47

Bromodichloromethane

Concen: 20.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

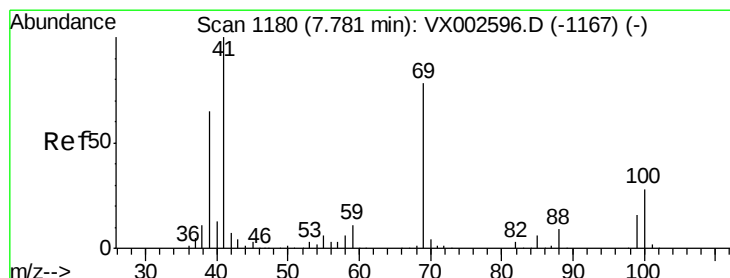
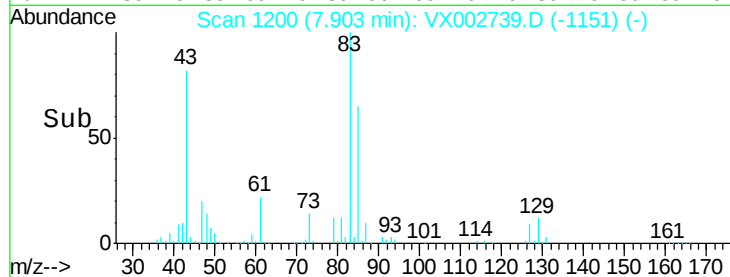
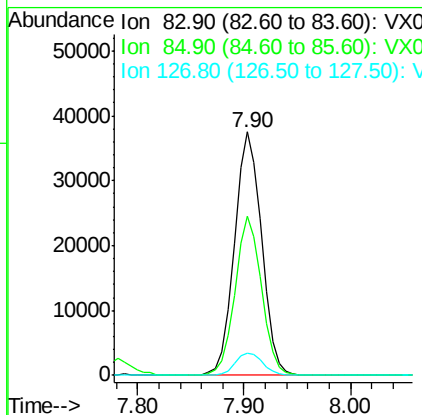
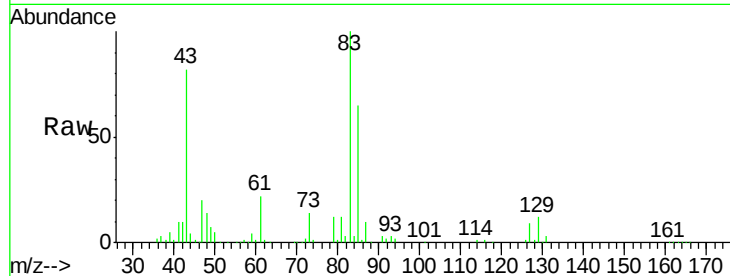
ClientSampleId :

VX0620WBSD01

Tot Ion:	83	Resp:	67296
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.55 ug/l

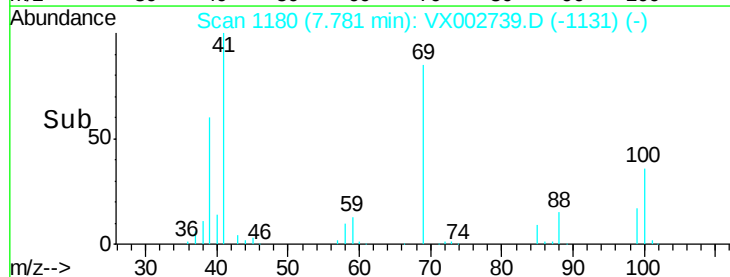
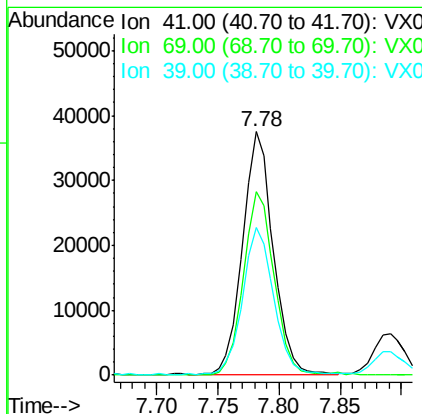
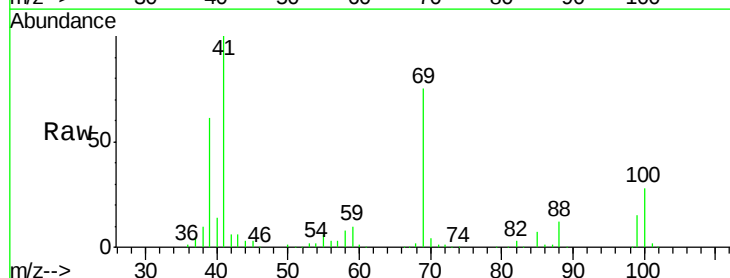
RT: 7.78 min Scan# 1180

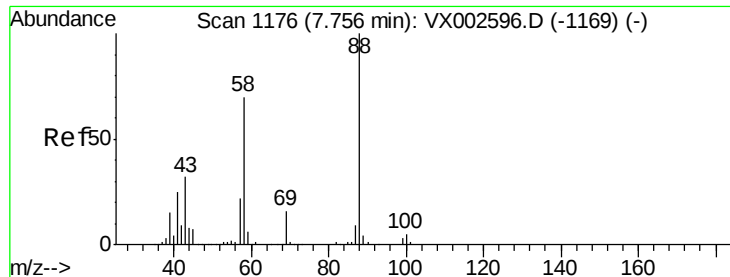
Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	41	Resp:	64757
Ion	Ratio	Lower	Upper
41	100		
69	76.7	59.1	88.7
39	61.5	48.9	73.3





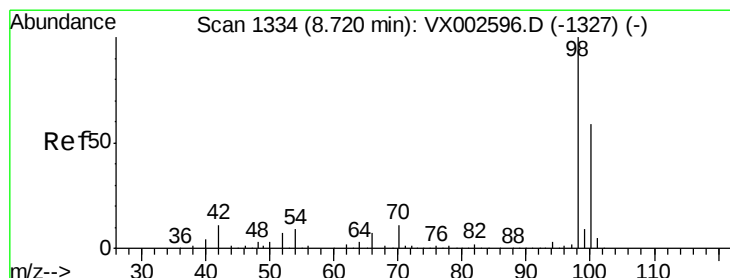
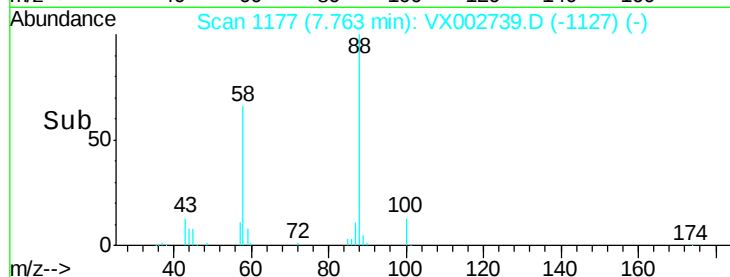
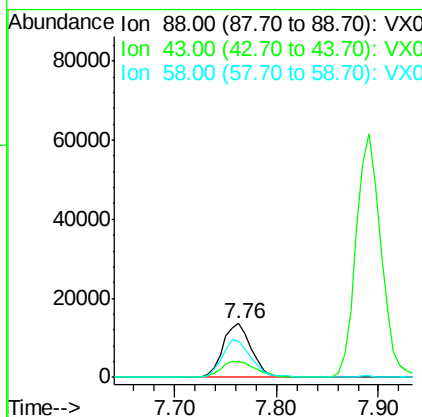
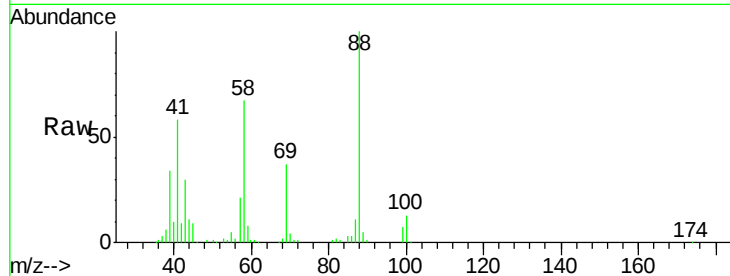
#49
1,4-Dioxane
Concen: 424.27 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	29.8	44.6
58	70.8	57.1	85.7

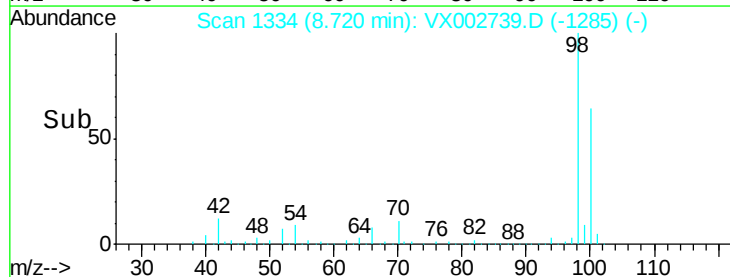
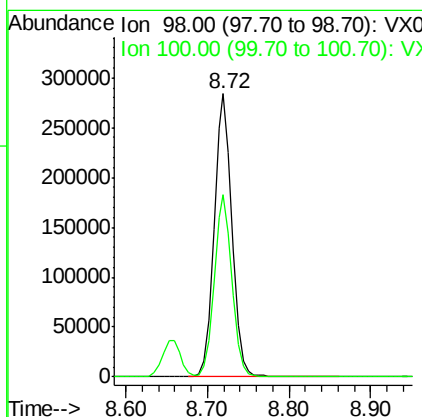
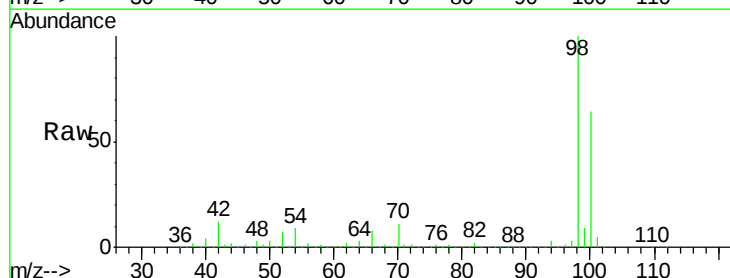
Manual Integrations
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#50
Toluene-d8
Concen: 44.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





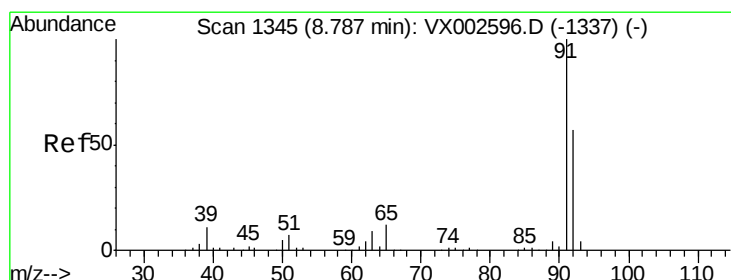
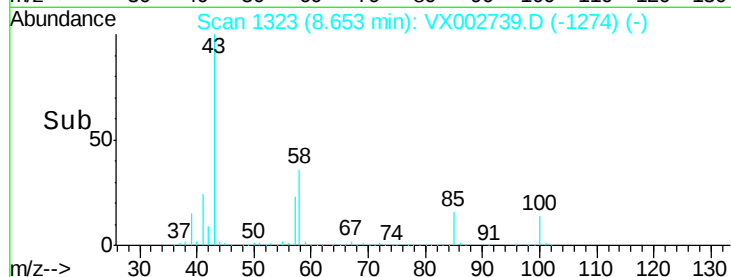
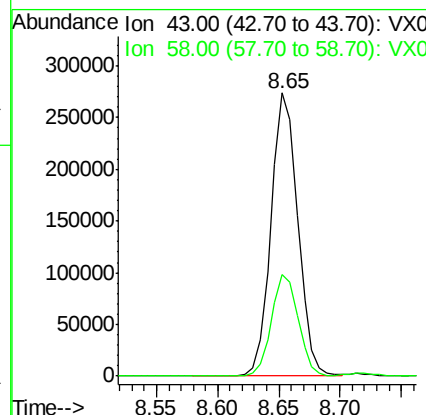
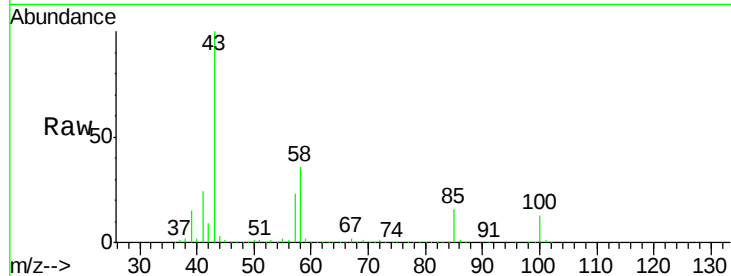
#51
4-Methyl-2-Pentanone
Concen: 100.20 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion: 43 Resp: 417039
Ion Ratio Lower Upper
43 100
58 36.2 28.6 42.8

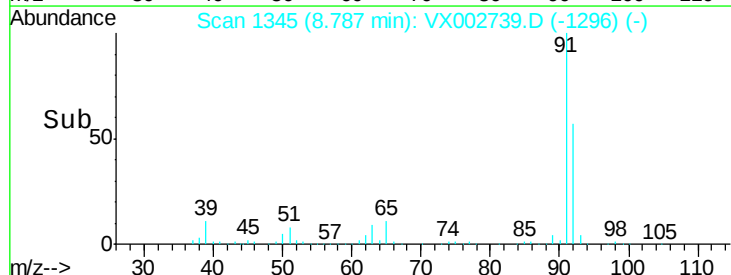
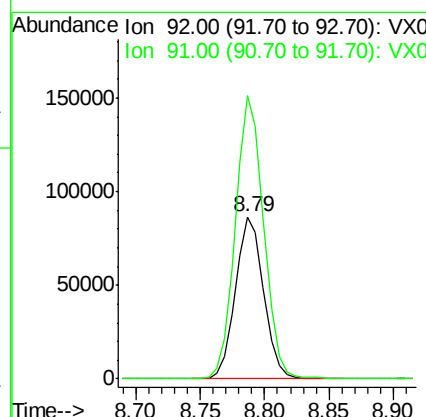
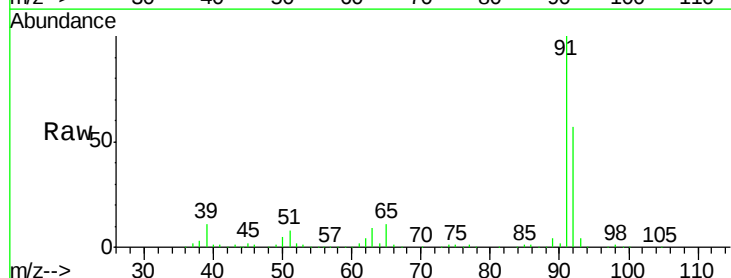
Manual Integrations
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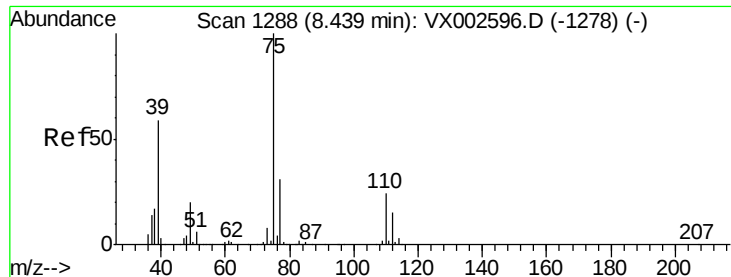
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#52
Toluene
Concen: 20.04 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 92 Resp: 132519
Ion Ratio Lower Upper
92 100
91 175.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.93 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampled :

VX0620WBSD01

Tot Ion: 75 Resp: 78463

Ion Ratio Lower Upper

75 100

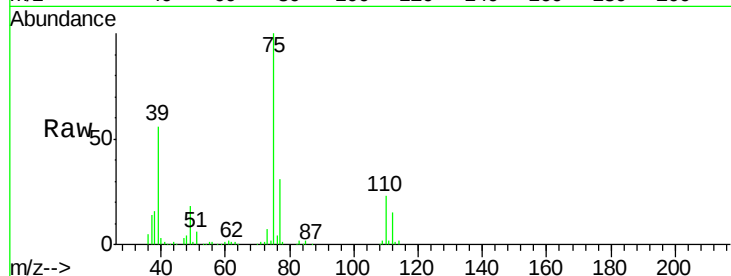
77 31.0 25.4 38.2

Manual Integrations

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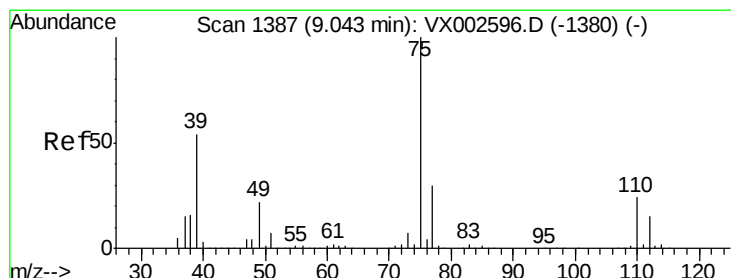
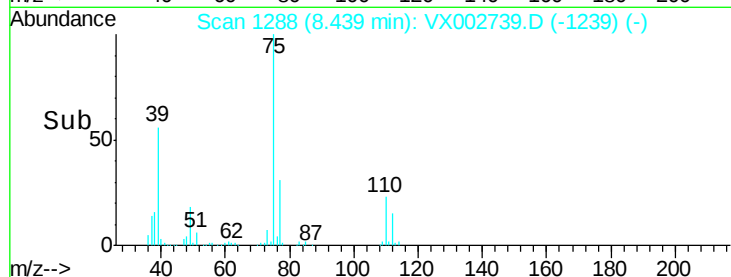
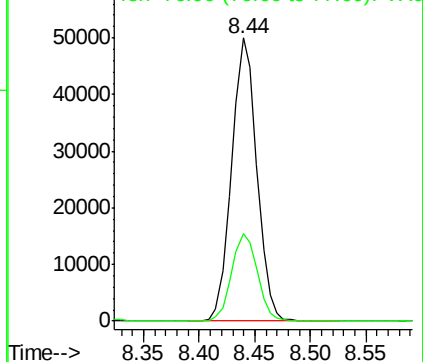
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.40 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

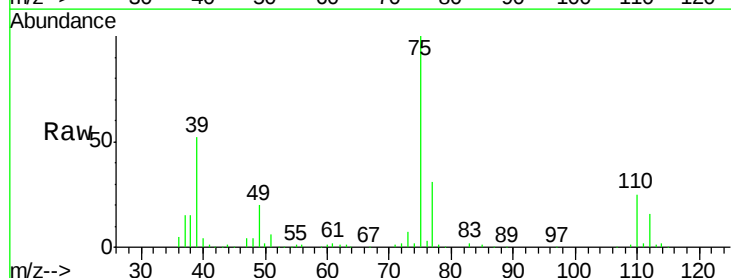
Tgt Ion: 75 Resp: 70287

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

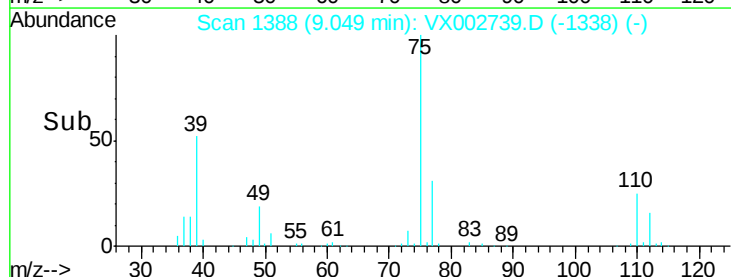
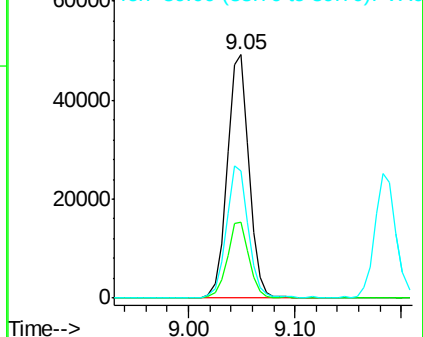
39 51.8 42.4 63.6

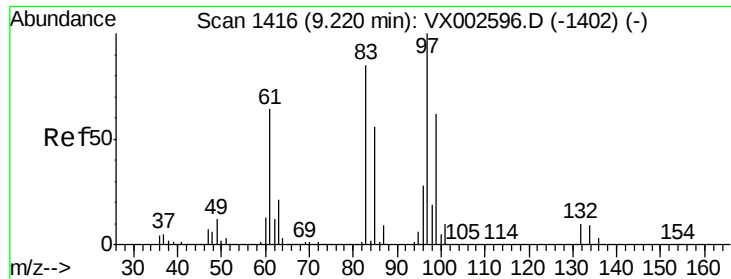


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





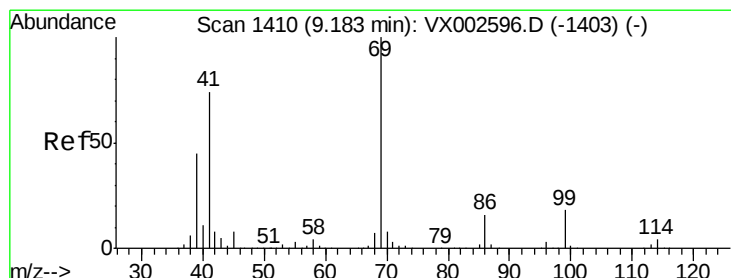
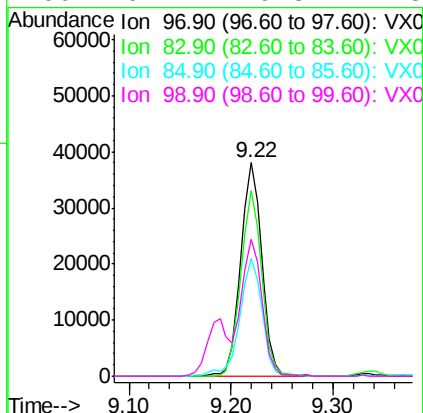
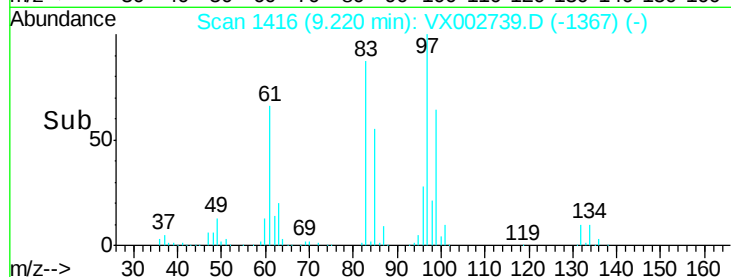
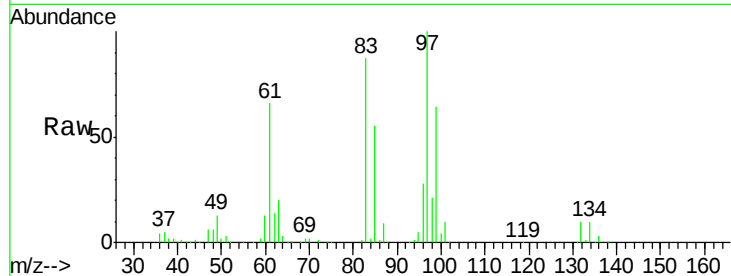
#55
 1,1,2-Trichloroethane
 Concen: 20.42 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion:	97	Resp:	54567
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	55.1	44.9	67.3
99	64.4	49.8	74.8

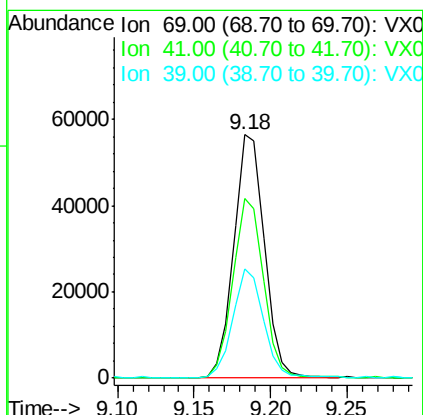
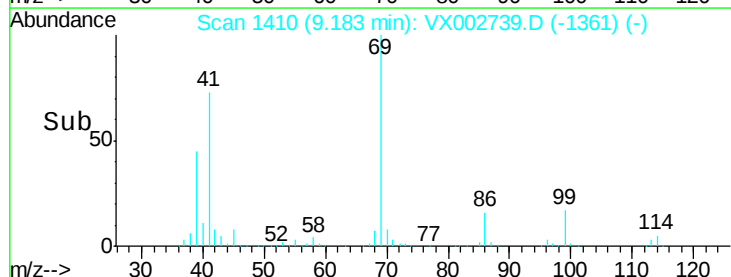
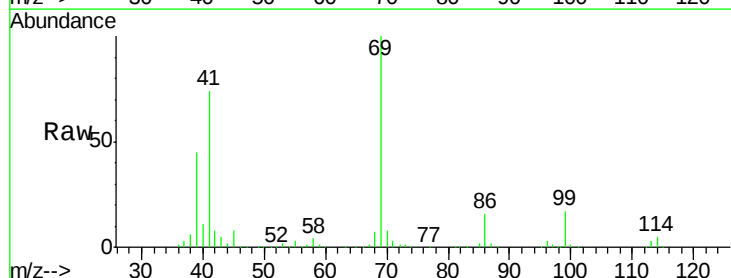
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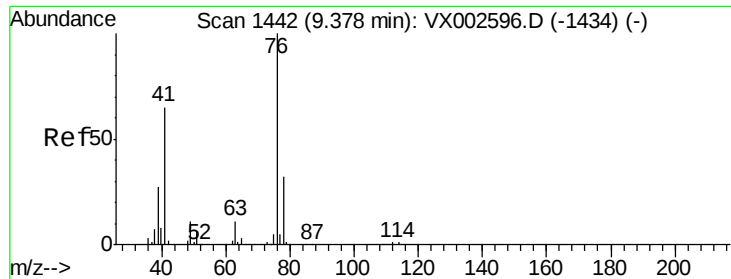
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#56
 Ethyl methacrylate
 Concen: 19.12 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion:	69	Resp:	78604
Ion	Ratio	Lower	Upper
69	100		
41	73.7	60.3	90.5
39	44.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.87 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampled :

VX0620WBSD01

Tot Ion: 76 Resp: 89786

Ion Ratio Lower Upper

76 100

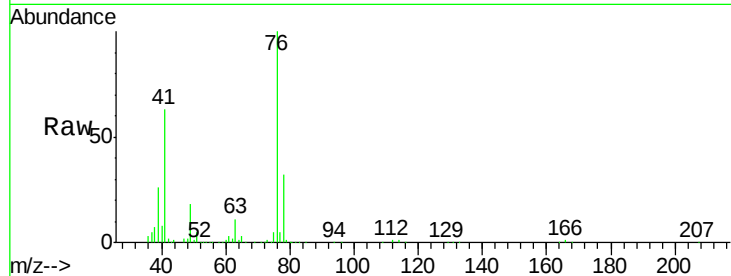
78 32.7 25.8 38.6

Manual Integrations

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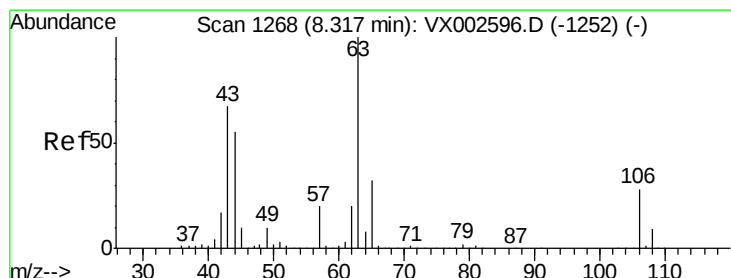
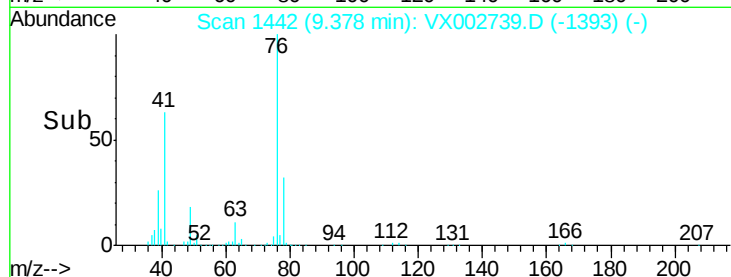
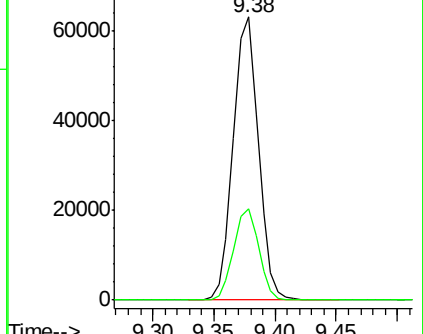
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.28 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002739.D

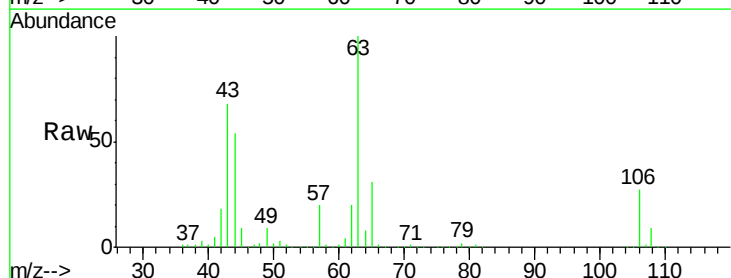
Acq: 20 Jun 2018 14:07

Tgt Ion: 63 Resp: 177541

Ion Ratio Lower Upper

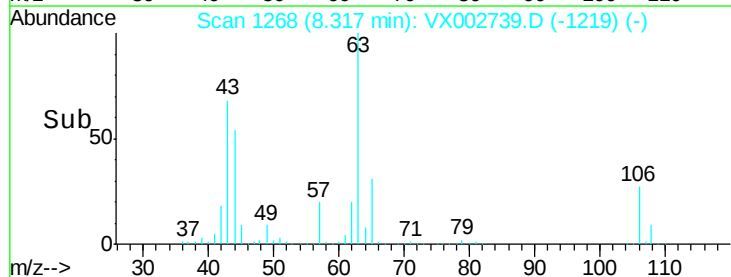
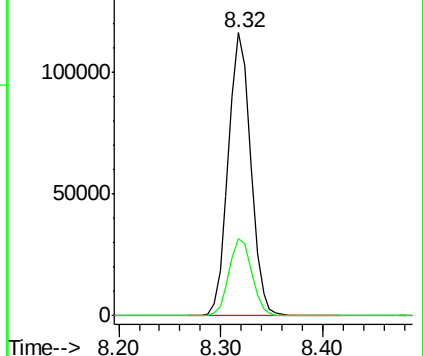
63 100

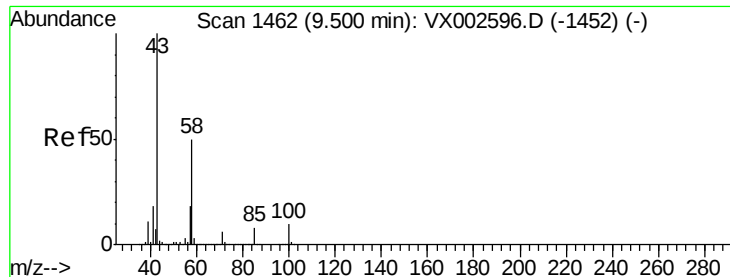
106 27.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





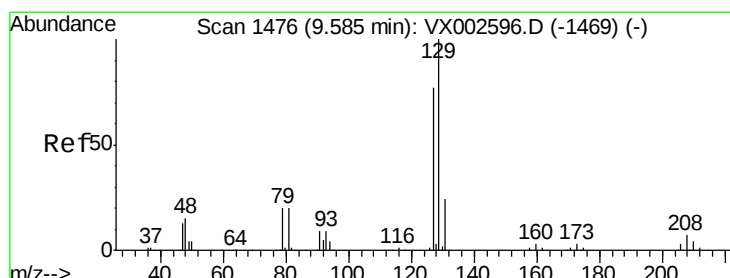
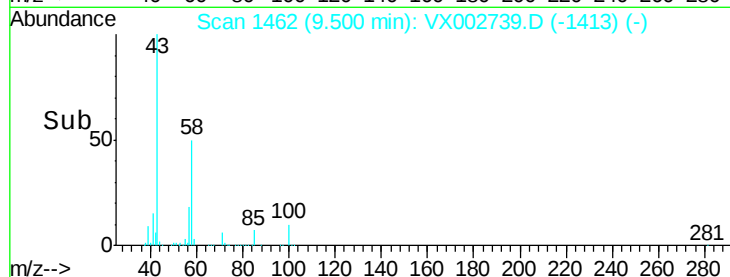
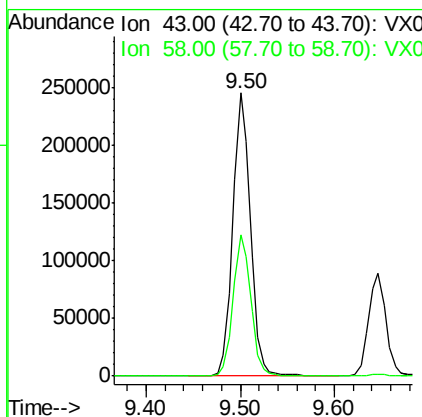
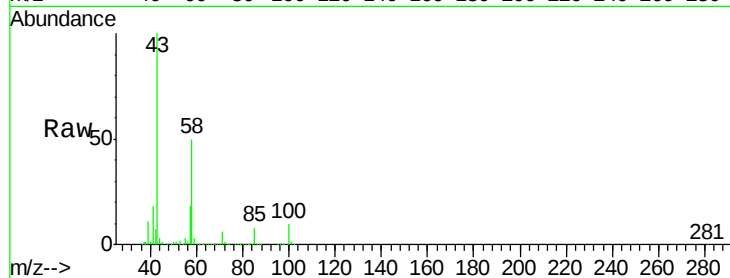
#59
2-Hexanone
Concen: 101.94 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion: 43 Resp: 319702
Ion Ratio Lower Upper
43 100
58 50.5 24.6 73.6

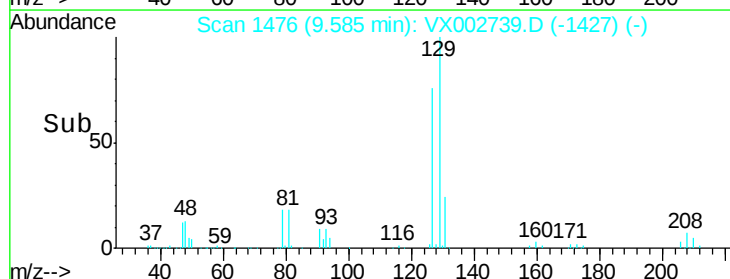
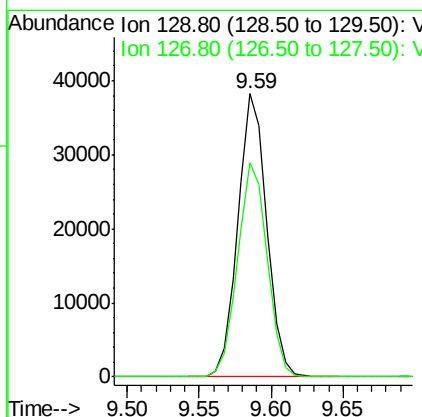
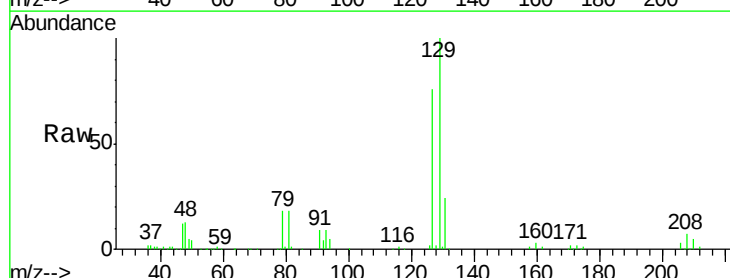
Manual Integrations
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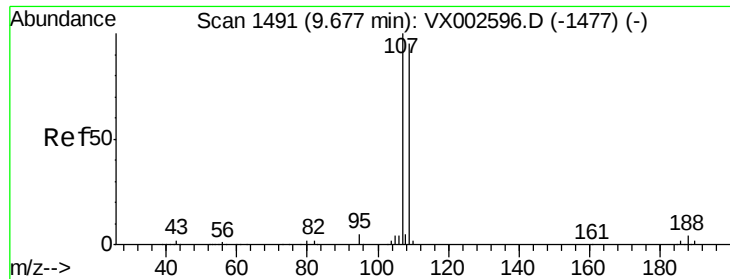
apatel
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#60
Dibromochloromethane
Concen: 20.13 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion: 129 Resp: 53189
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:107 Resp: 57341

Ion Ratio Lower Upper

107 100

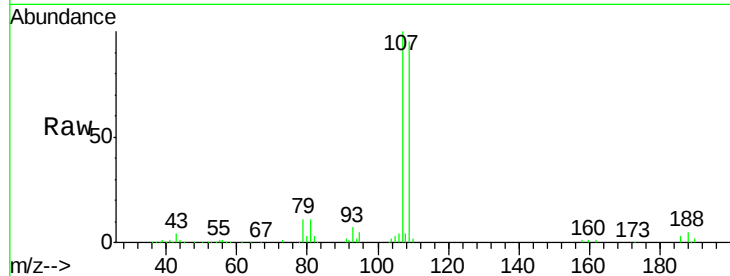
109 94.8 75.3 112.9

Manual Integrations

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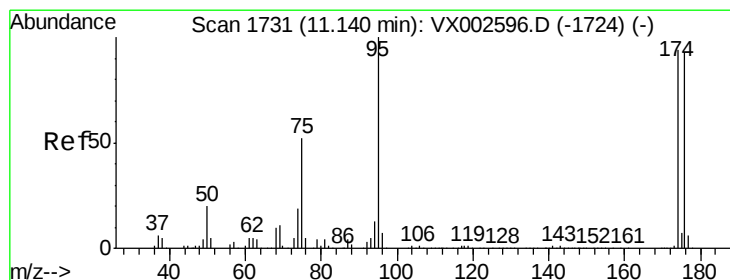
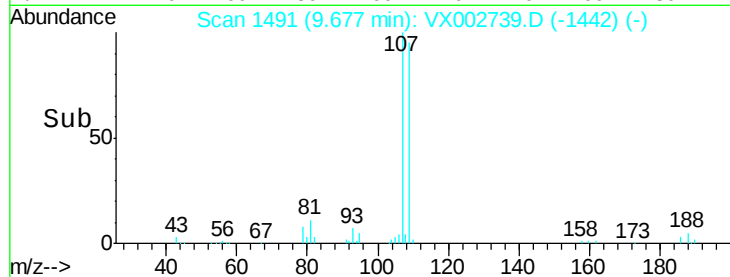
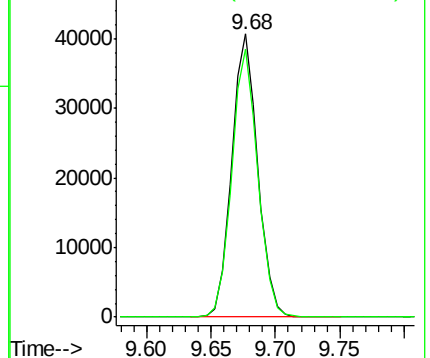
apatel

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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: 43.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

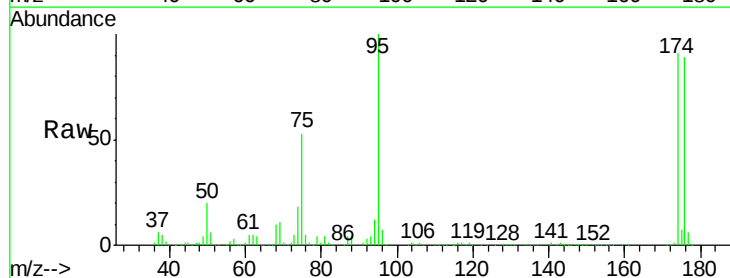
Tgt Ion: 95 Resp: 163891

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

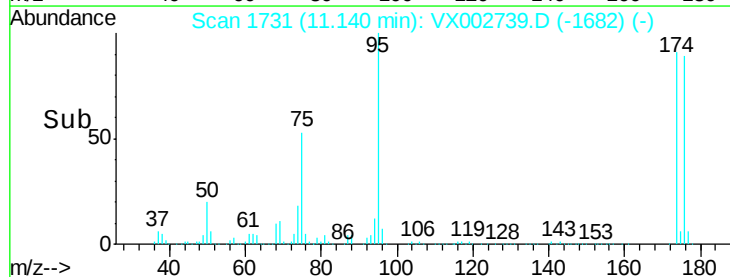
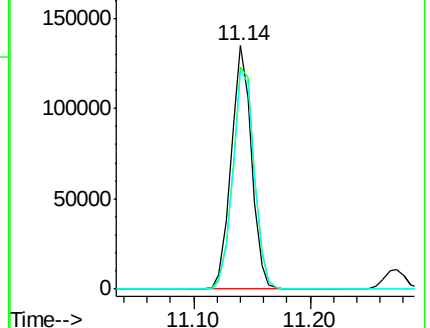
176 94.4 0.0 181.0

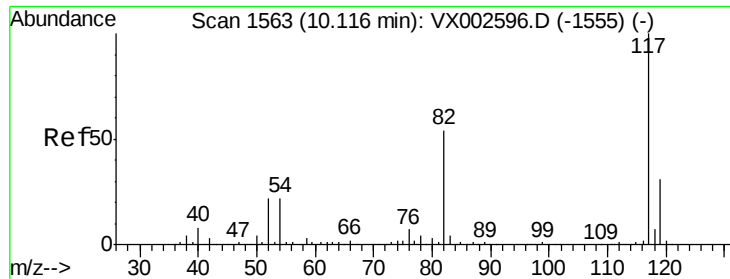


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





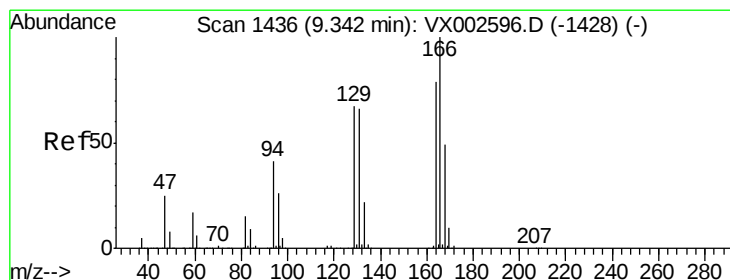
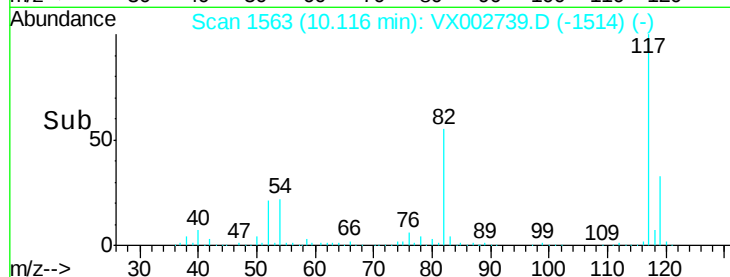
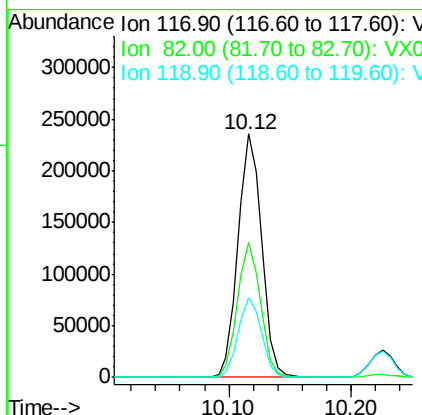
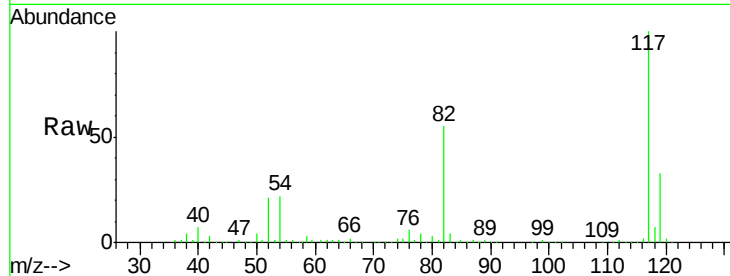
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.0	67.4
119	32.8	25.8	38.6

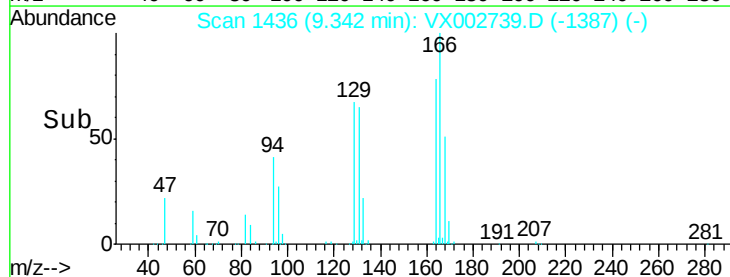
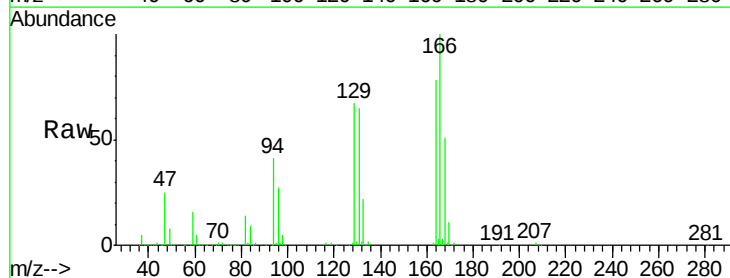
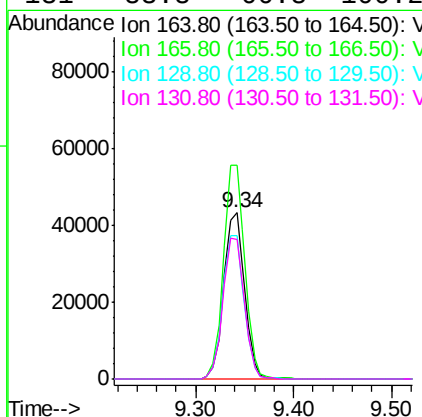
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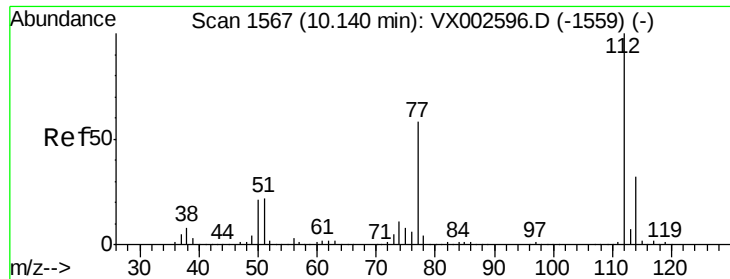
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#64
Tetrachloroethene
Concen: 18.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.9	154.3
129	86.2	68.6	102.8
131	83.8	66.8	100.2





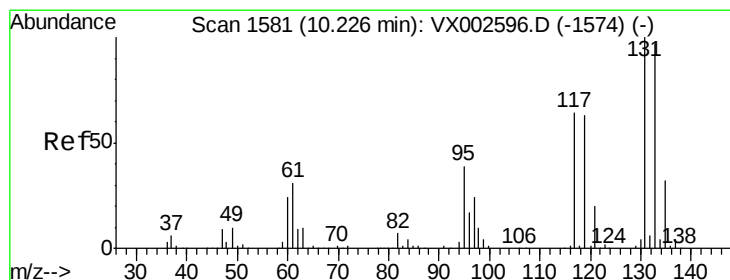
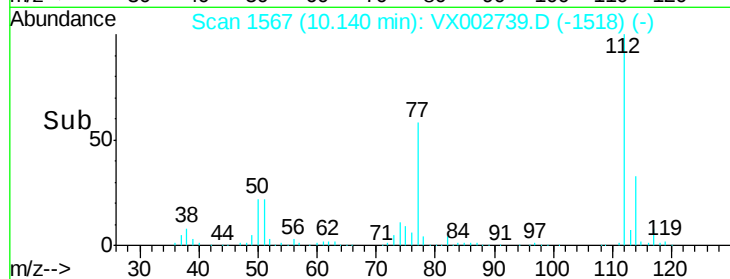
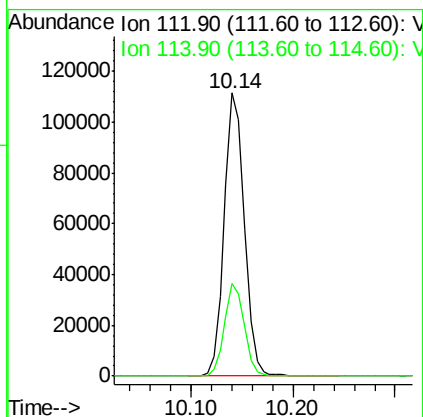
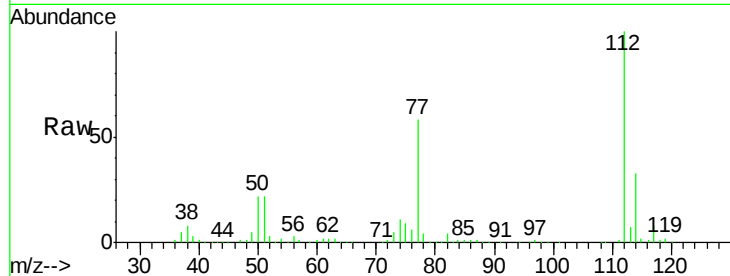
#65
Chlorobenzene
Concen: 19.85 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion:112 Resp: 153064
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9

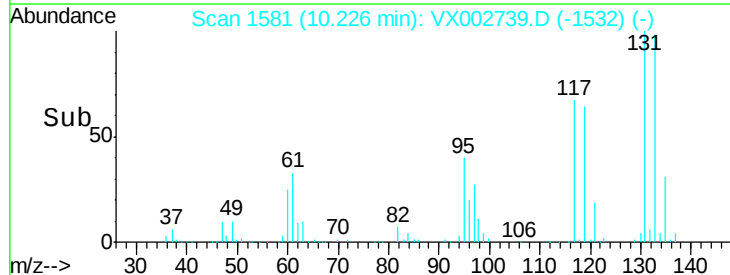
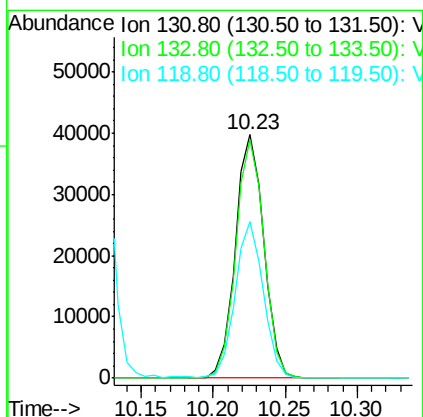
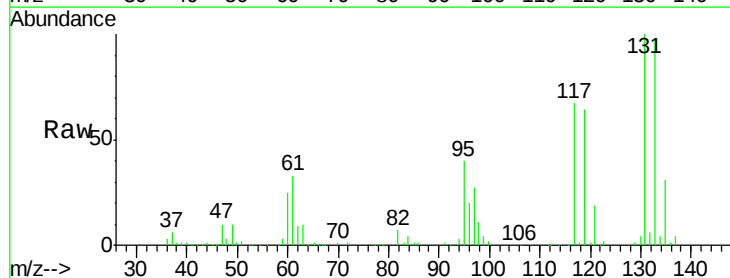
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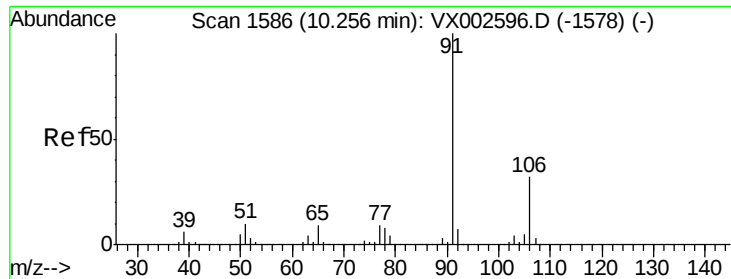
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.80 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion:131 Resp: 54688
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.6
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 19.46 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 91 Resp: 253190

Ion Ratio Lower Upper

91 100

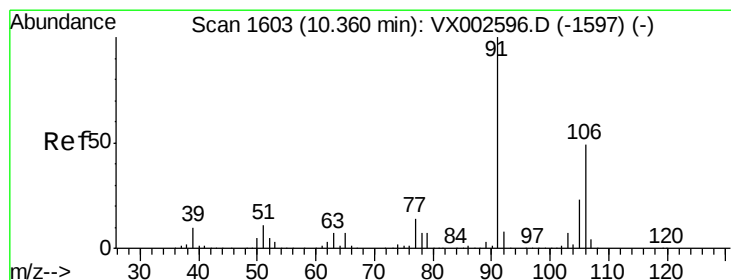
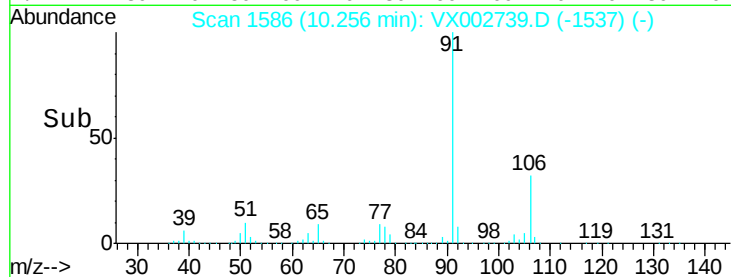
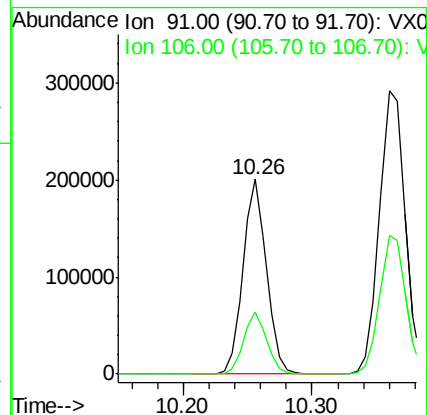
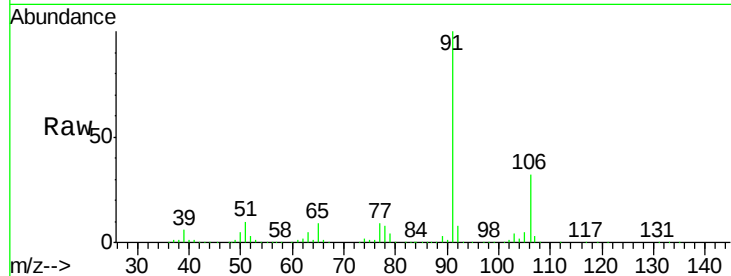
106 31.8 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.64 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002739.D

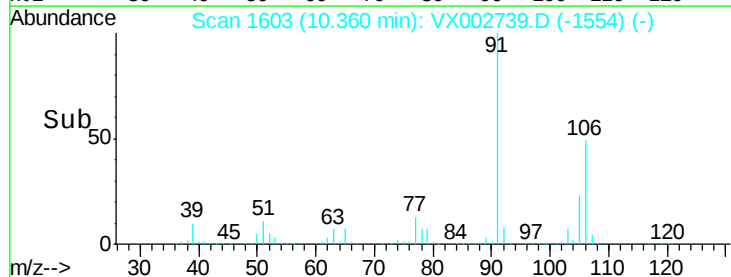
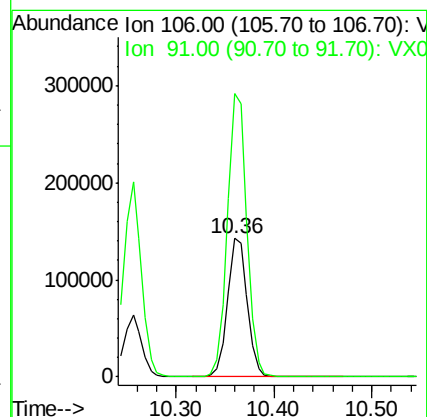
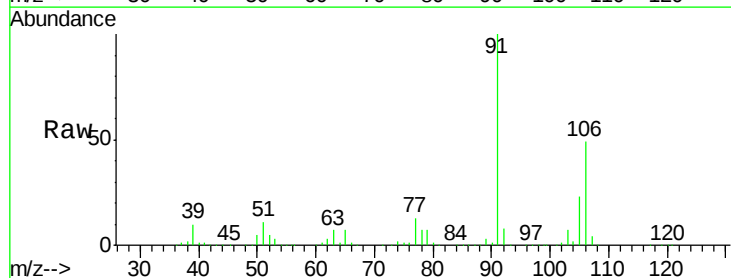
Acq: 20 Jun 2018 14:07

Tgt Ion: 106 Resp: 198910

Ion Ratio Lower Upper

106 100

91 202.9 163.4 245.2





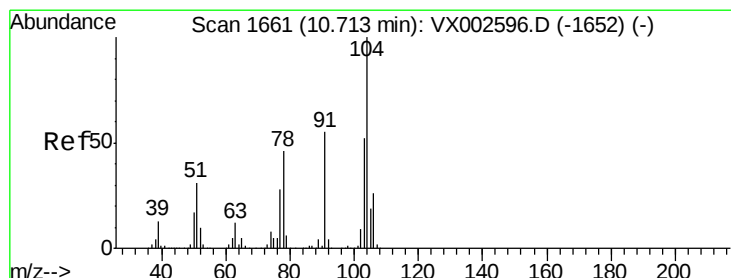
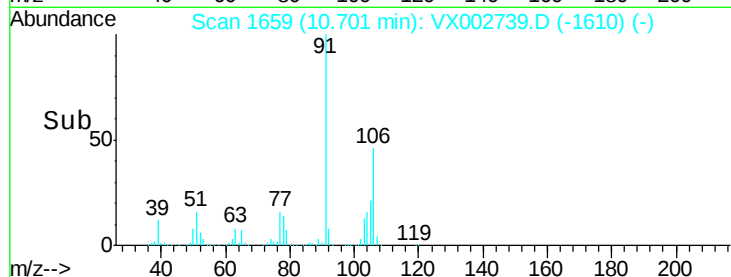
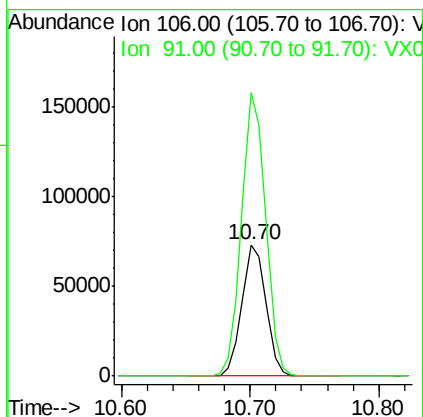
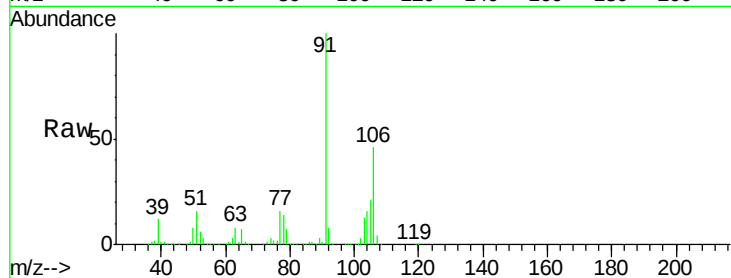
#69
o-Xylene
Concen: 19.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampled :
VX0620WBSD01

Tot Ion:106 Resp: 94949
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6

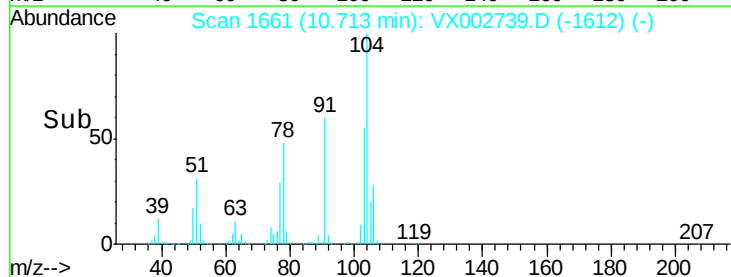
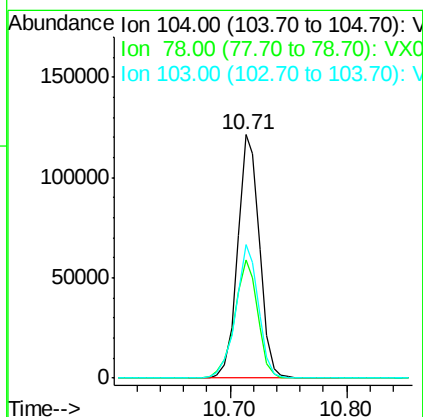
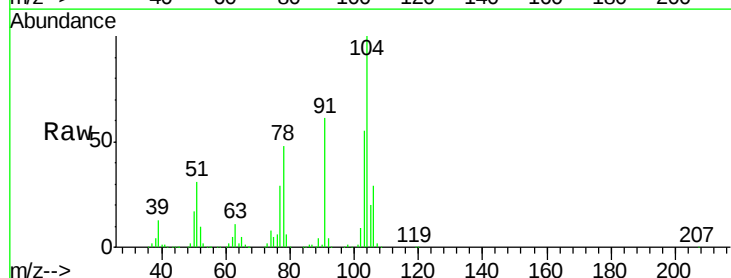
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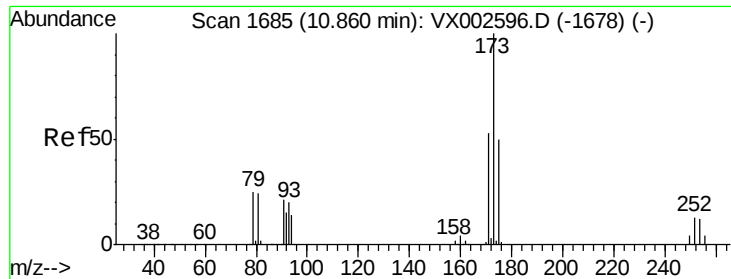
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#70
Styrene
Concen: 19.52 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion:104 Resp: 158242
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 57.1 44.2 66.4





#71

Bromoform

Concen: 20.14 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:173 Resp: 40546

Ion Ratio Lower Upper

173 100

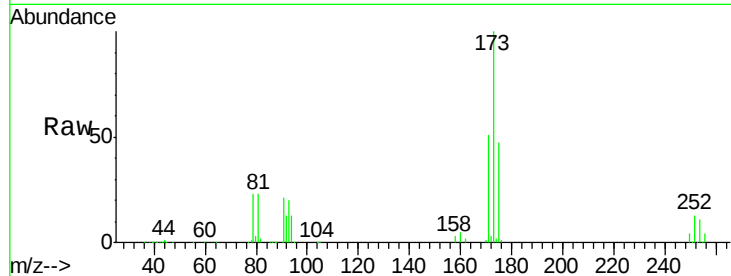
175 48.6 24.7 74.1

254 0.2 0.2 0.2

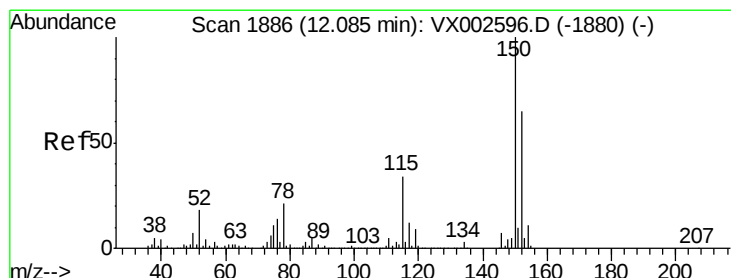
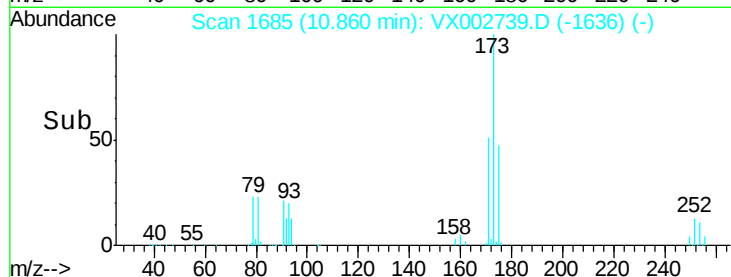
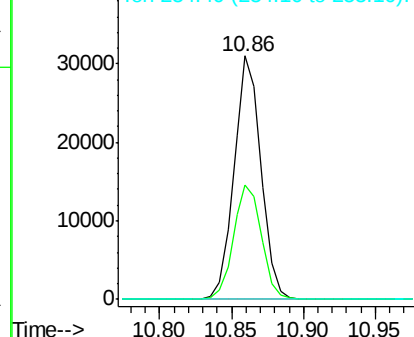
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

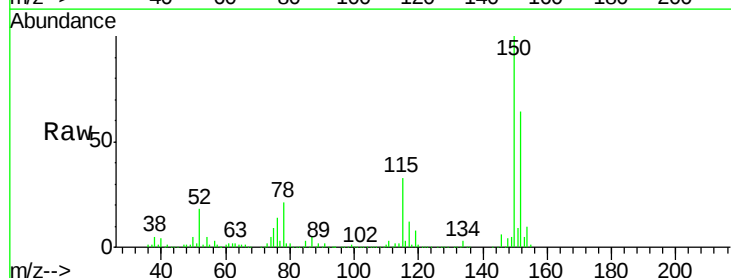
Tgt Ion:152 Resp: 193236

Ion Ratio Lower Upper

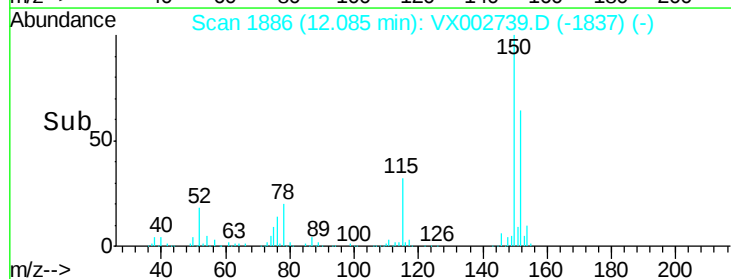
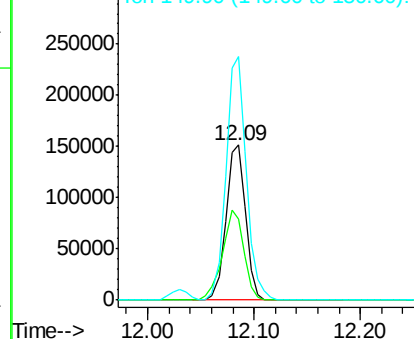
152 100

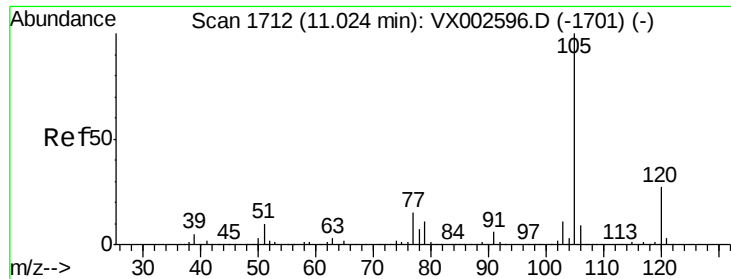
115 63.5 40.1 120.2

150 163.4 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 105 Resp: 257704

Ion Ratio Lower Upper

105 100

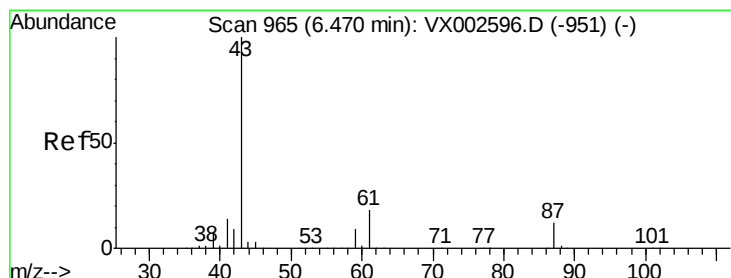
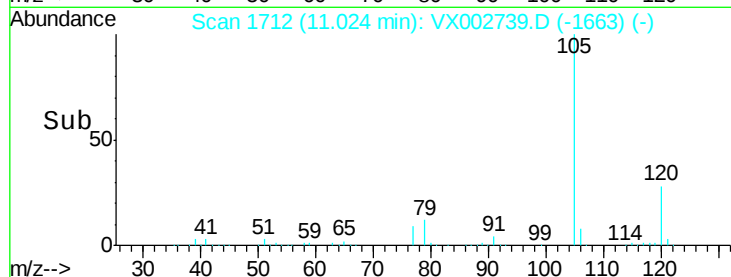
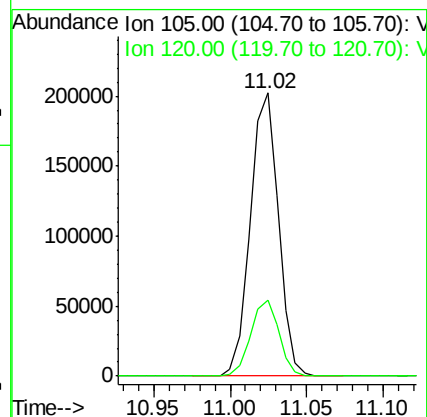
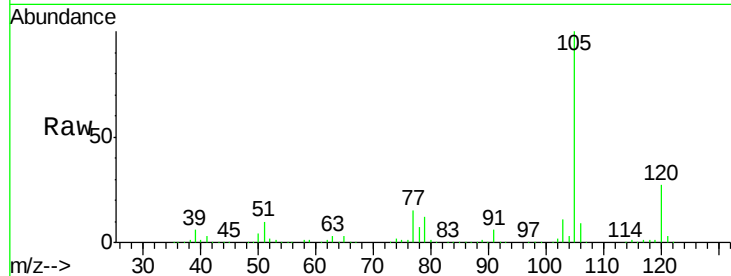
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.41 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion: 43 Resp: 124652

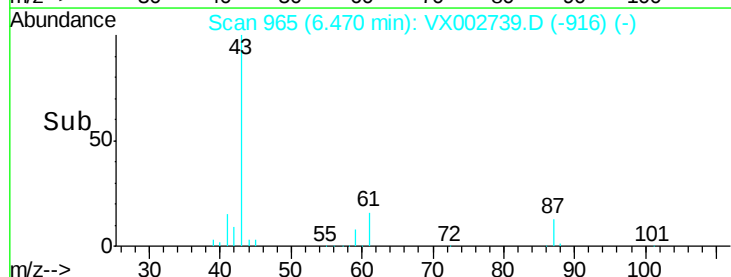
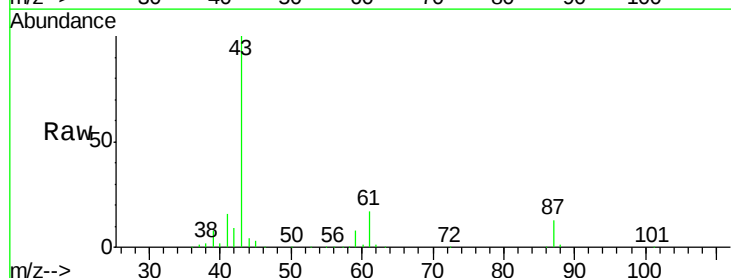
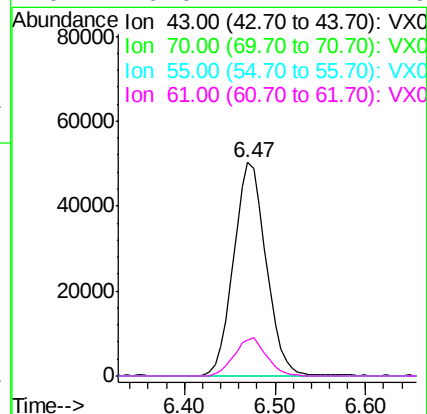
Ion Ratio Lower Upper

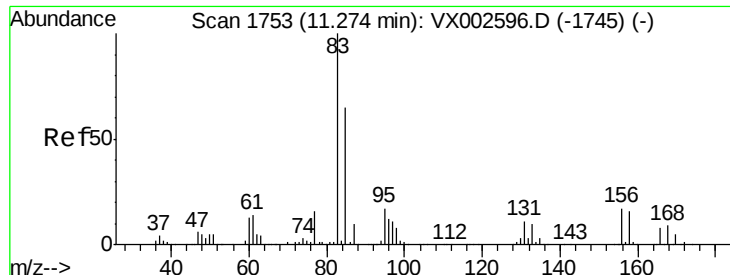
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 0.0 14.4 21.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.40 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

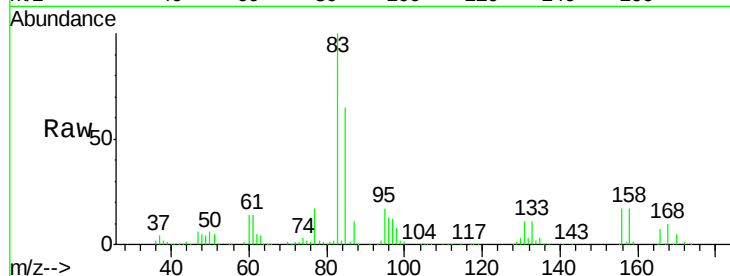
ClientSampleId :

VX0620WBSD01

Tot Ion:	83	Resp:	81688
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.6	16.8
85	64.5	32.4	97.2

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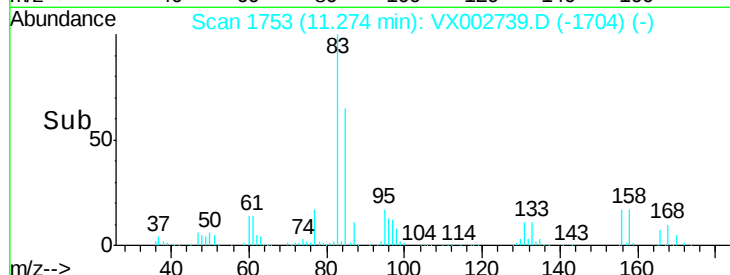


Abundance Ion 82.90 (82.60 to 83.60): VX002739.D (-1704) (-)

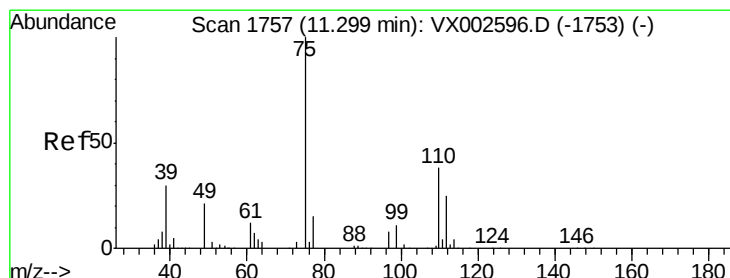
Ion 130.80 (130.50 to 131.50): VX002739.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX002739.D (-1704) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 21.87 ug/l m

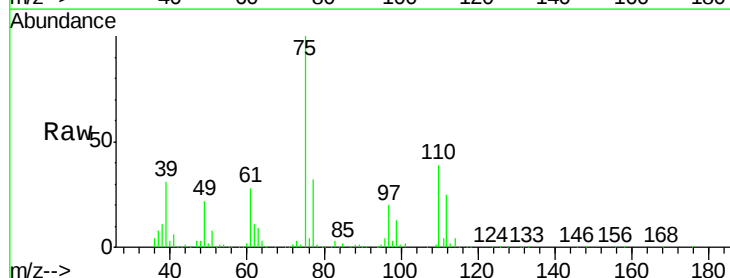
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

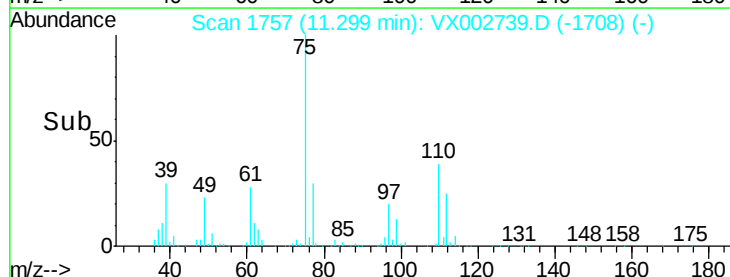
Tgt Ion:	75	Resp:	79732
Ion Ratio	Lower	Upper	
75	100		
77	36.0	22.8	68.3



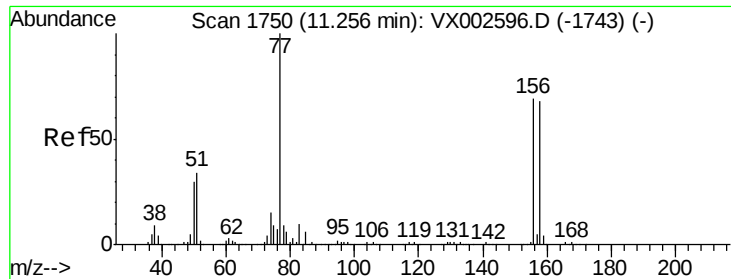
Abundance Ion 74.90 (74.60 to 75.60): VX002739.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002739.D (-1708) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 20.30 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

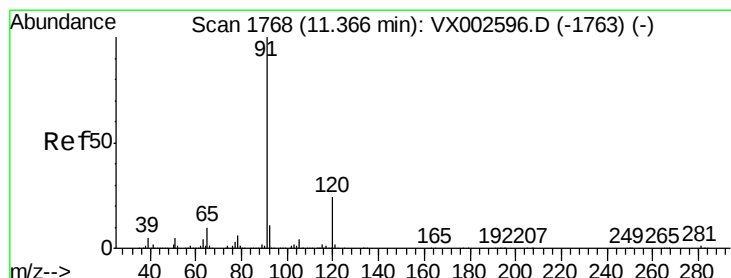
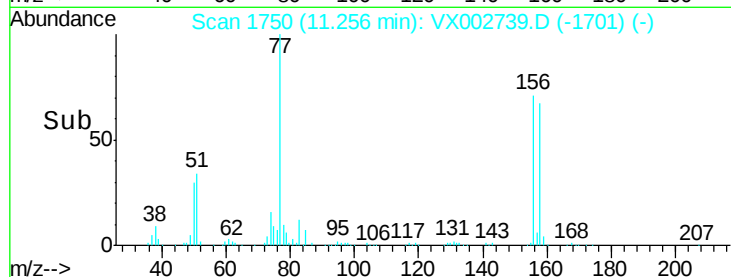
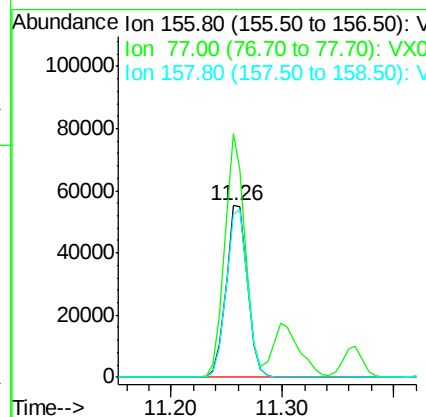
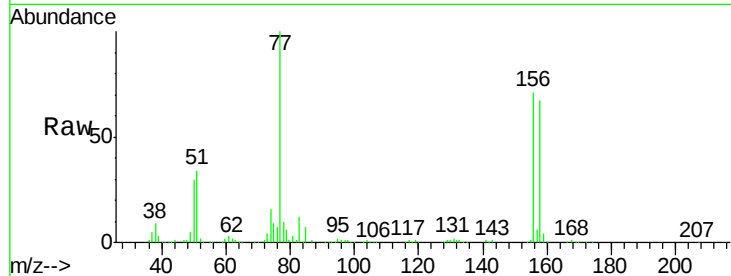
ClientSampleId :

VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.7	71.4	214.2
158	97.2	48.9	146.6

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#78

n-propylbenzene

Concen: 19.72 ug/l

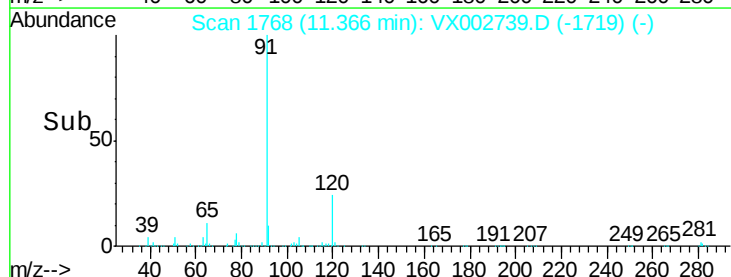
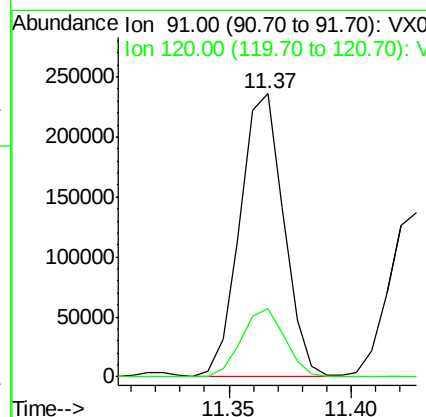
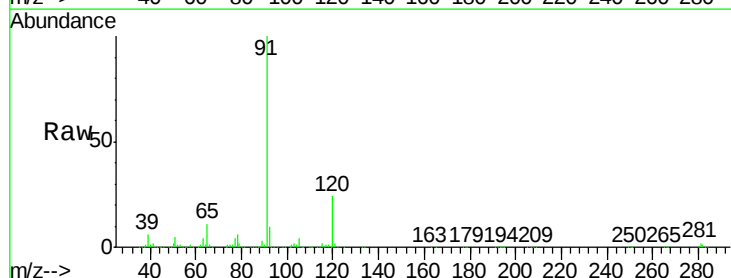
RT: 11.37 min Scan# 1768

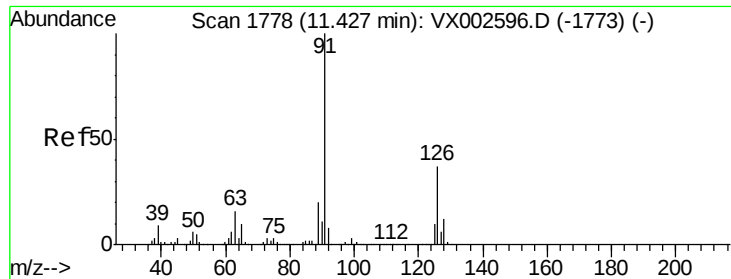
Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.78 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion: 91 Resp: 175078

Ion Ratio Lower Upper

91 100

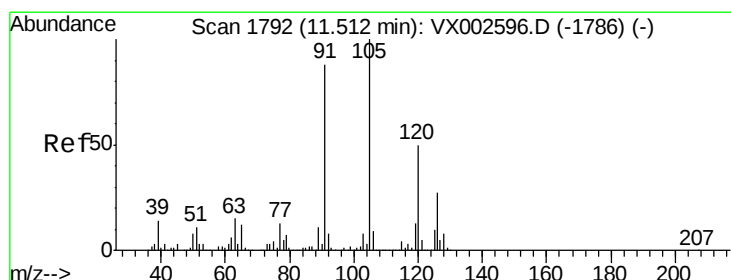
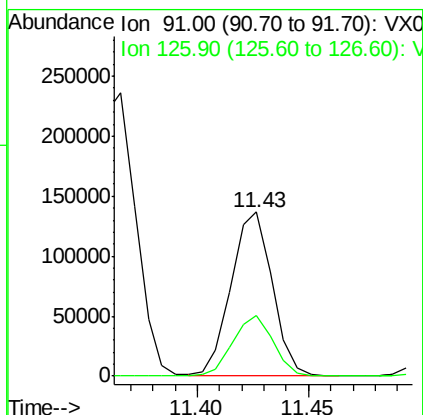
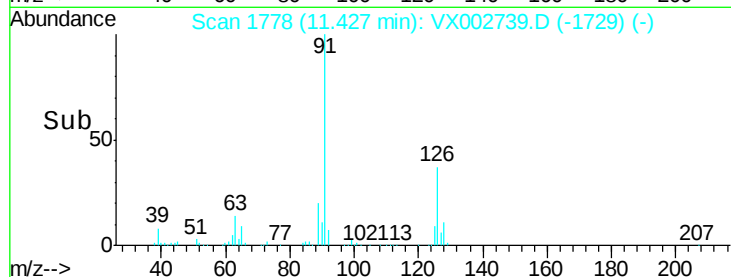
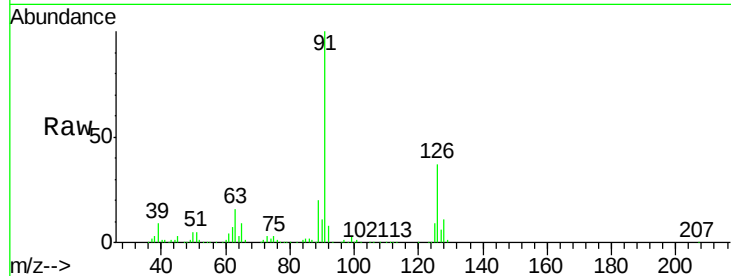
126 36.5 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 19.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002739.D

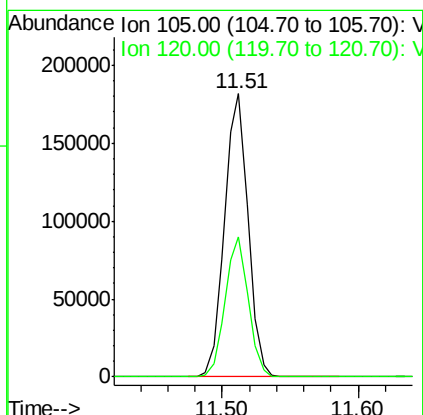
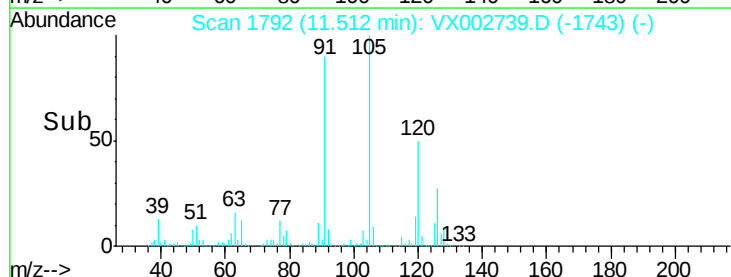
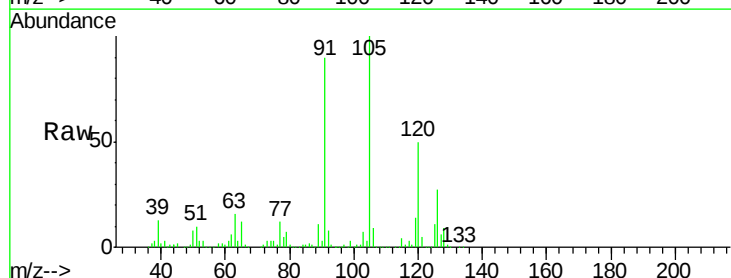
Acq: 20 Jun 2018 14:07

Tgt Ion: 105 Resp: 216948

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.62 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

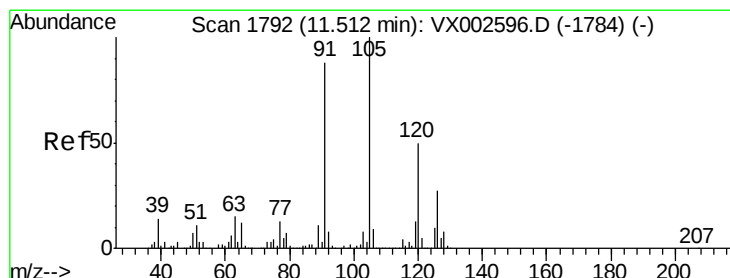
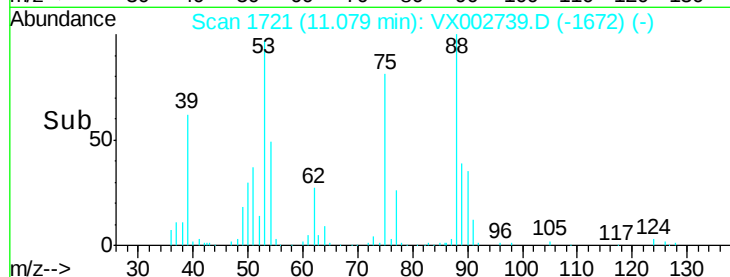
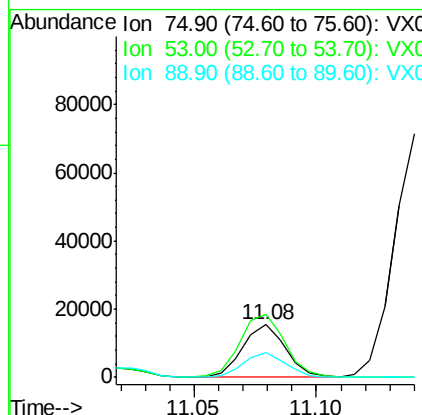
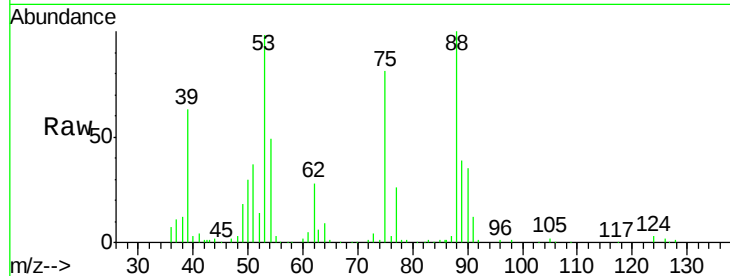
ClientSampleId :

VX0620WBSD01

Tot Ion:	75	Resp:	19196
Ion Ratio	Lower	Upper	
75	100		
53	122.2	86.8	130.2
89	46.4	38.2	57.2

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#82

4-Chlorotoluene

Concen: 19.86 ug/l

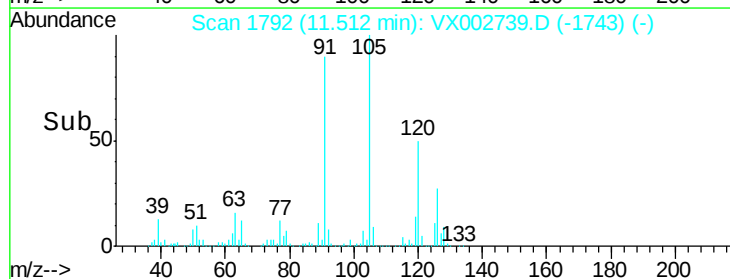
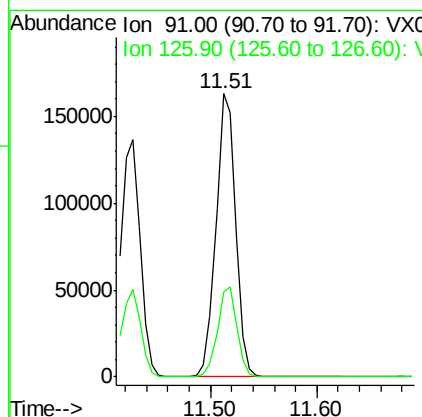
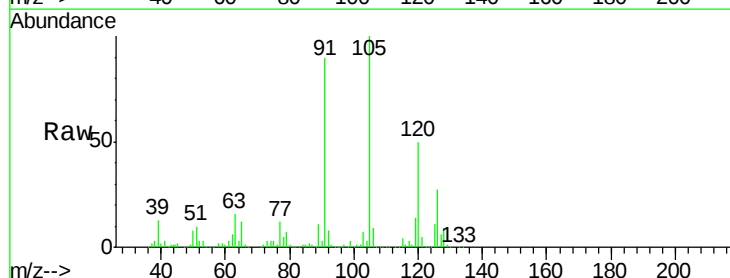
RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	91	Resp:	207335
Ion Ratio	Lower	Upper	
91	100		
126	31.5	15.4	46.4





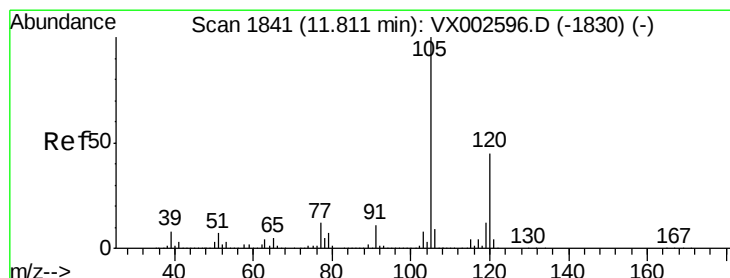
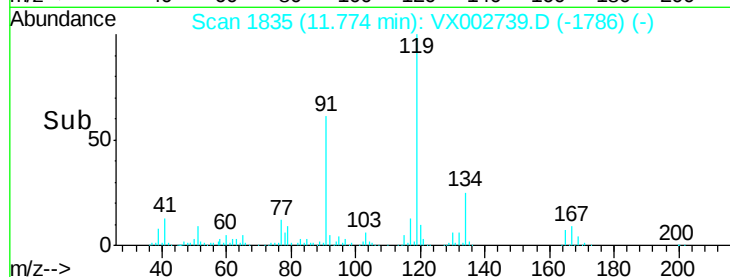
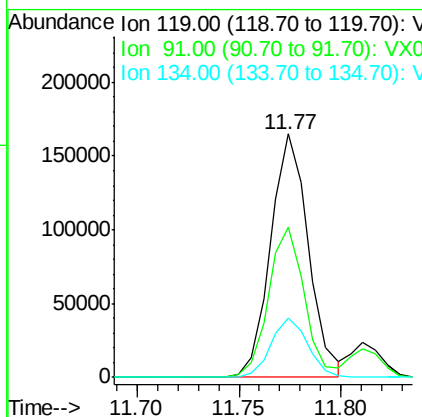
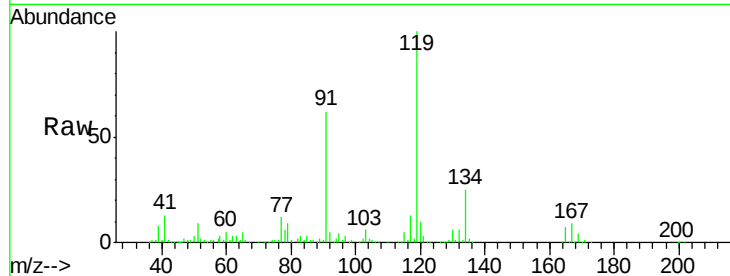
#83
 tert-Butylbenzene
 Concen: 20.29 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	213494		
91	58.8	30.3	90.9	
134	23.6	11.7	35.1	

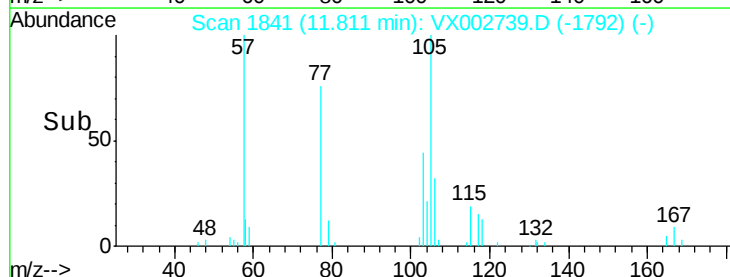
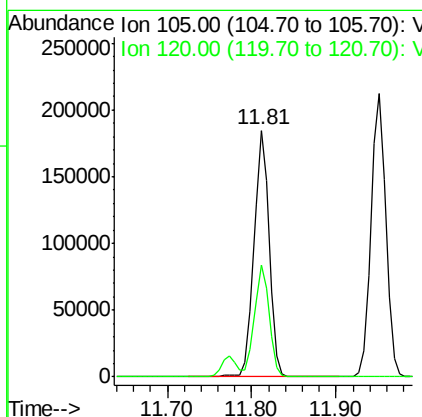
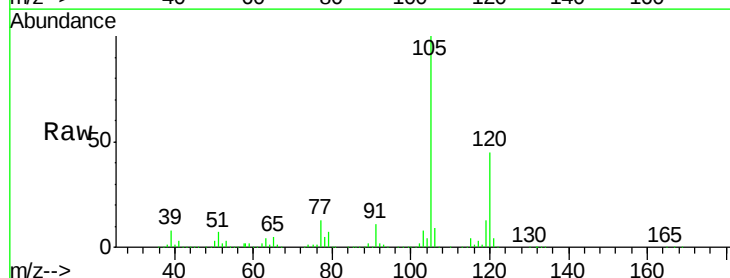
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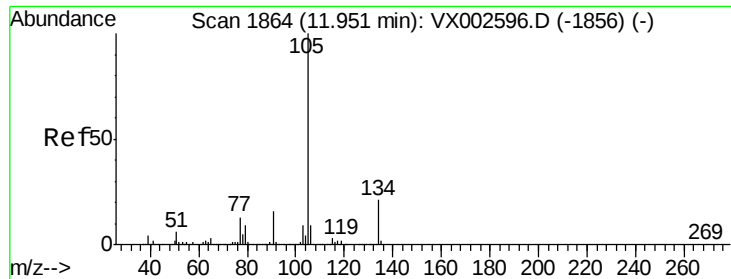
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223603		
120	44.9	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.87 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBSD01

Tot Ion:105 Resp: 259985

Ion Ratio Lower Upper

105 100

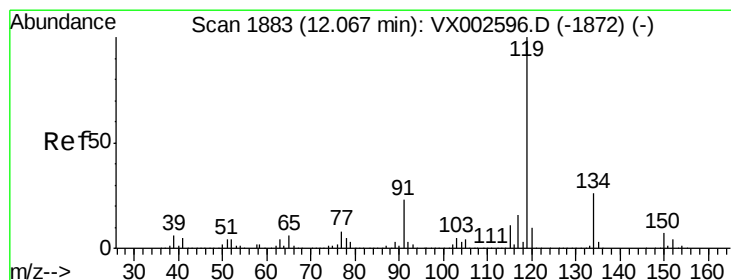
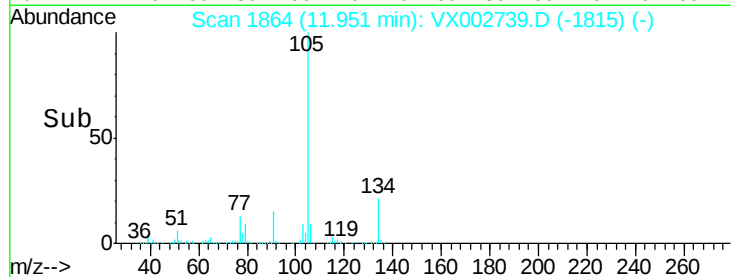
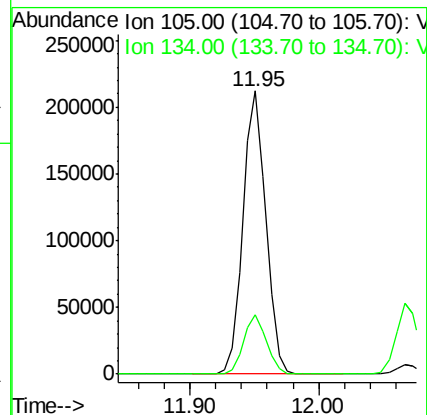
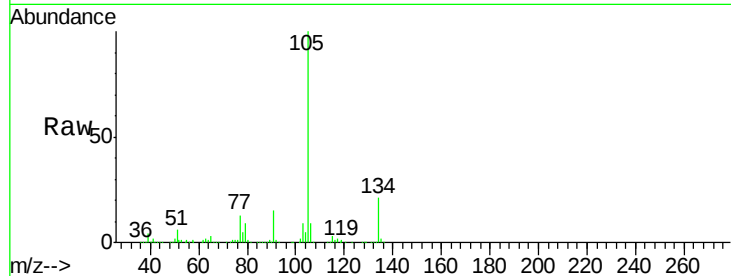
134 21.0 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.65 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

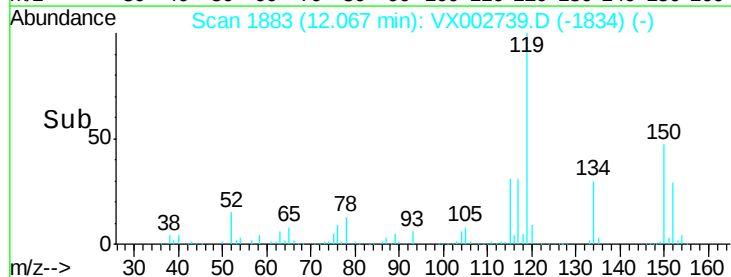
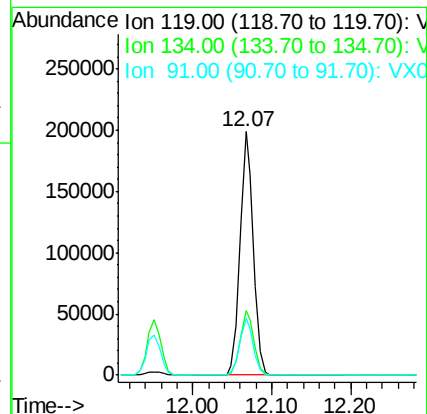
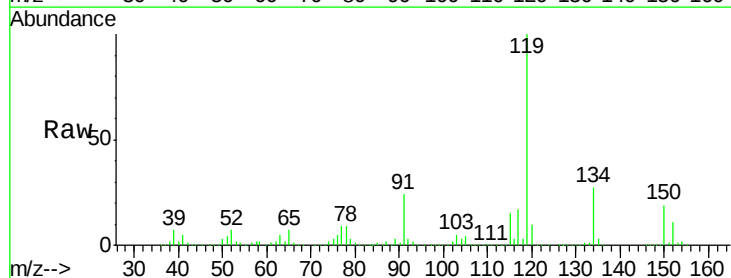
Tgt Ion:119 Resp: 232658

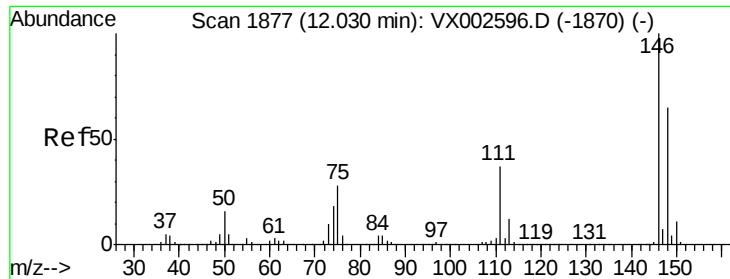
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 24.1 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.72 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

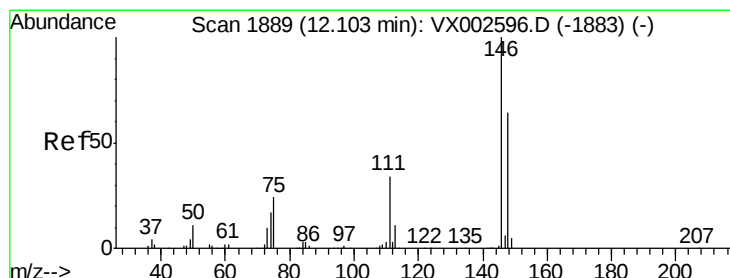
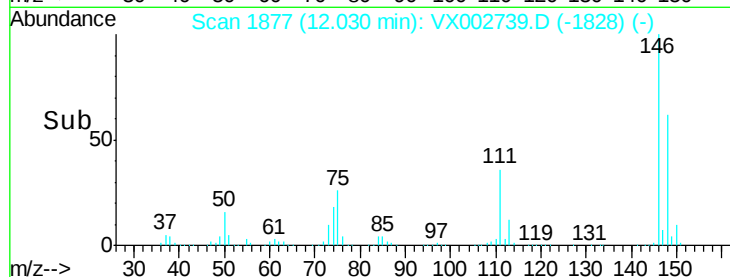
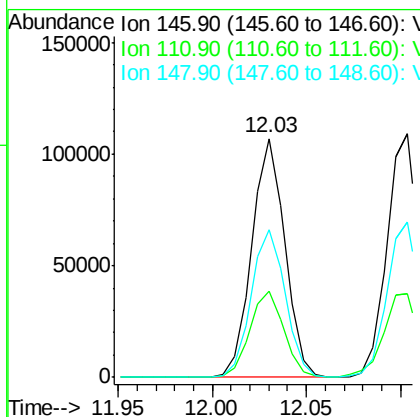
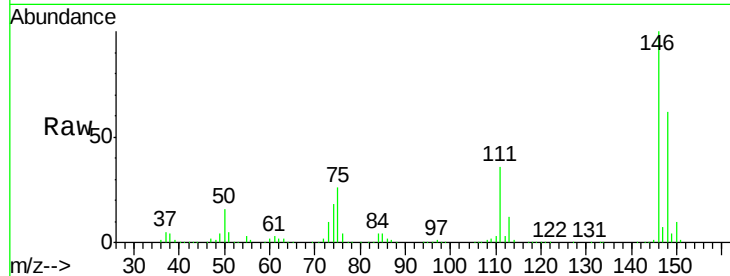
ClientSampleId :

VX0620WBSD01

Tot Ion:	146	Resp:	130240
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.9	56.7
148	63.6	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 19.91 ug/l

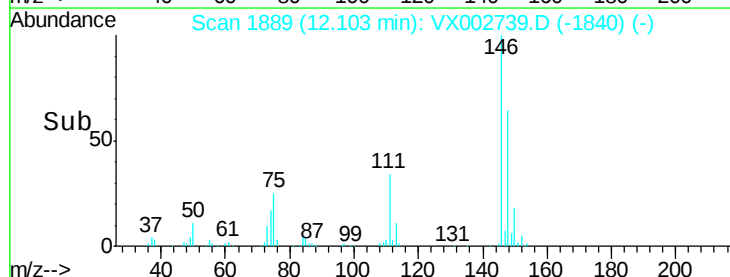
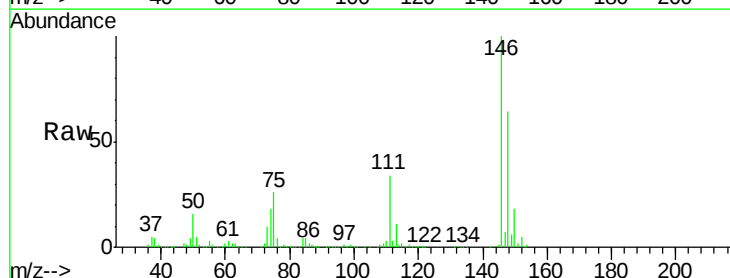
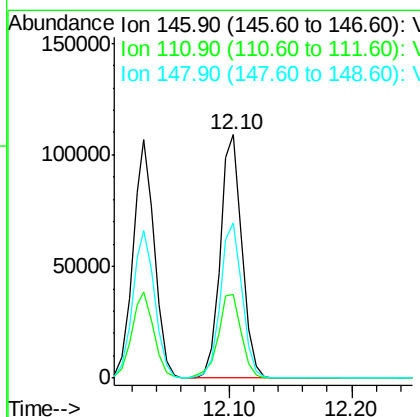
RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	146	Resp:	133792
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.7	56.1
148	64.4	32.4	97.0





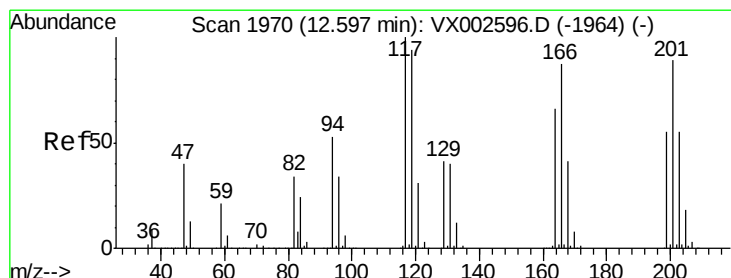
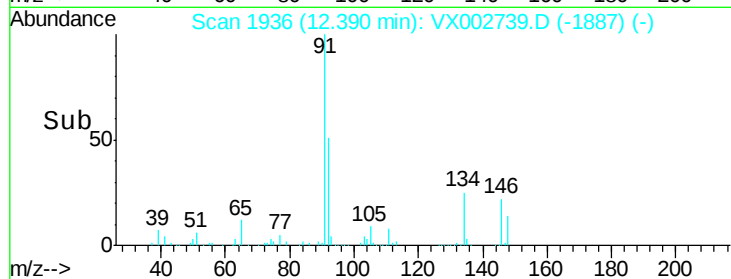
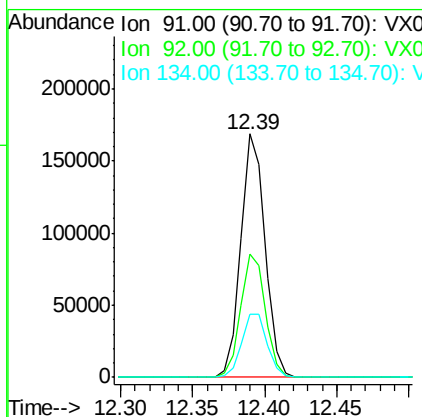
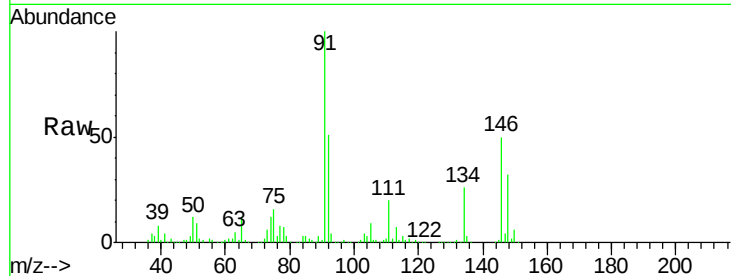
#89
n-Butylbenzene
Concen: 18.91 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	27.2	13.5	40.5

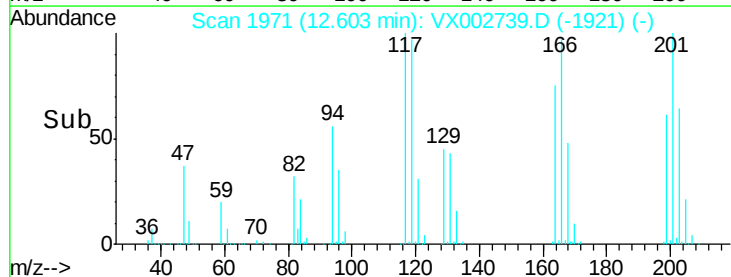
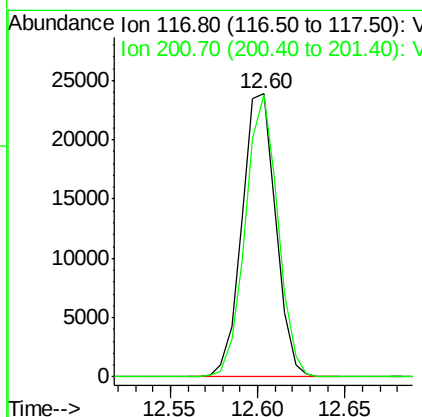
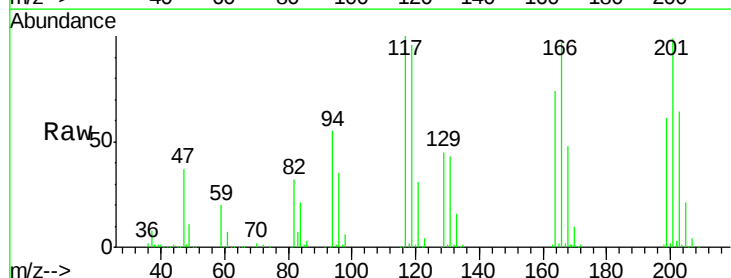
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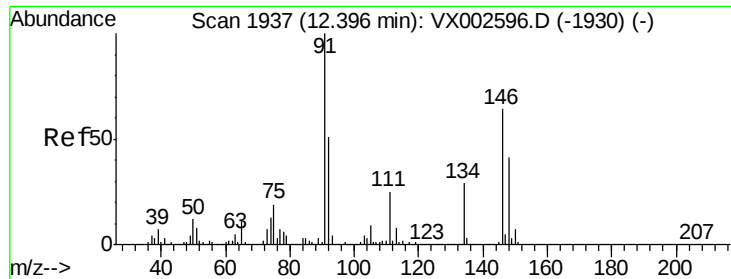
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#90
Hexachloroethane
Concen: 19.15 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002739.D
Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	49.0	147.0





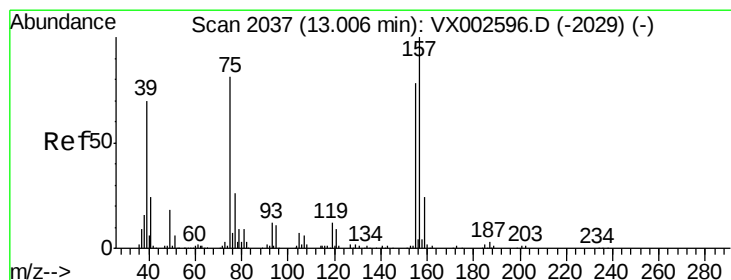
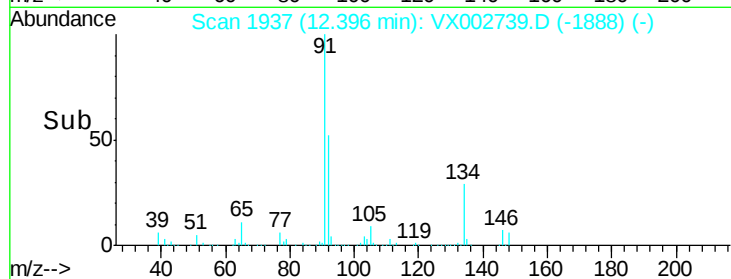
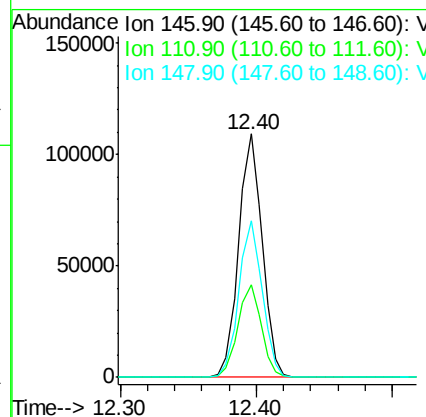
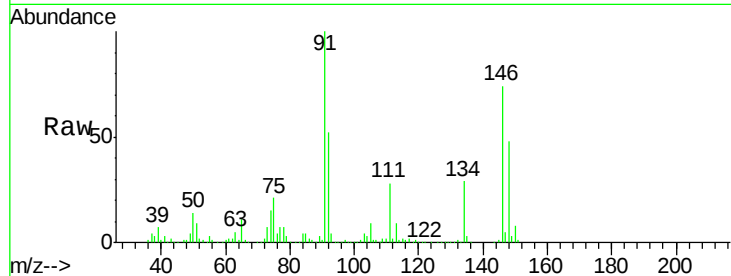
#91
 1,2-Dichlorobenzene
 Concen: 19.82 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.1
148	63.9	31.7	95.1

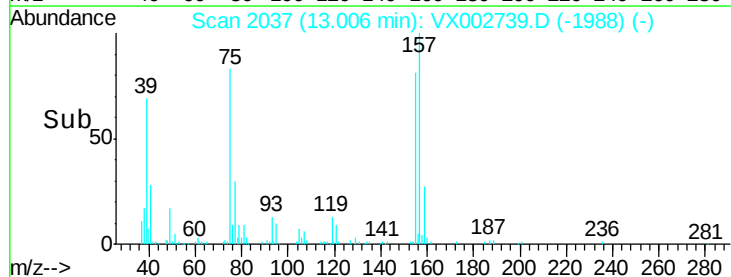
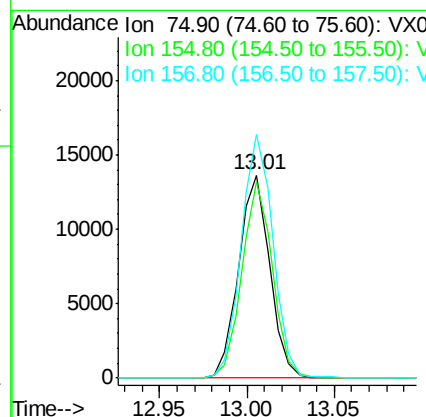
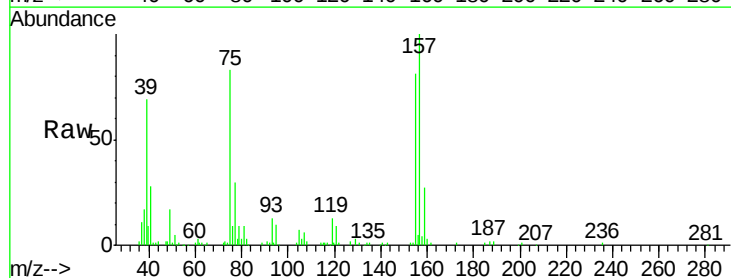
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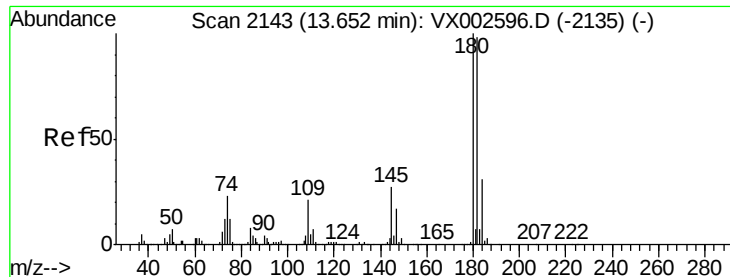
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	45.8	137.4
157	122.4	60.1	180.3





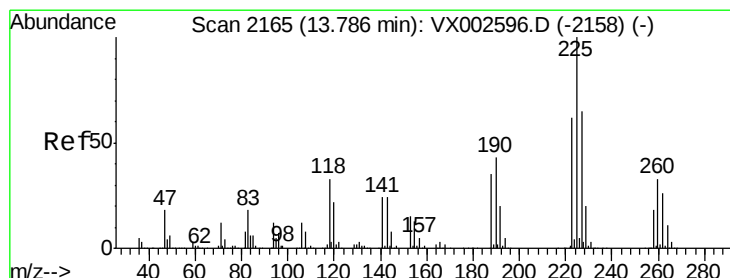
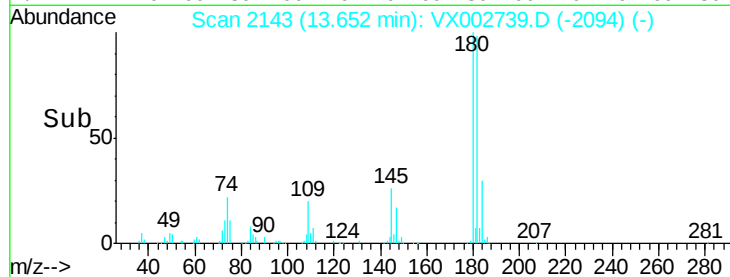
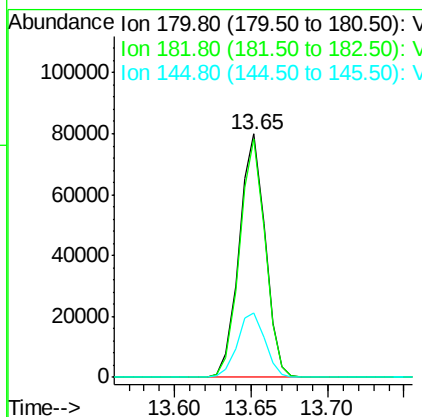
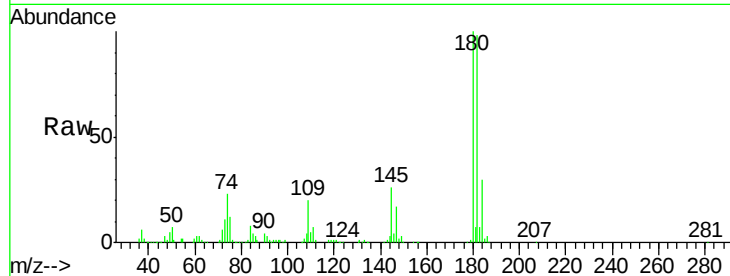
#93
 1,2,4-Trichlorobenzene
 Concen: 19.50 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.7	143.1
145	27.8	14.1	42.4

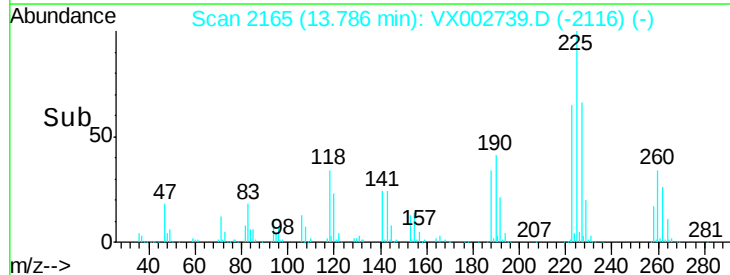
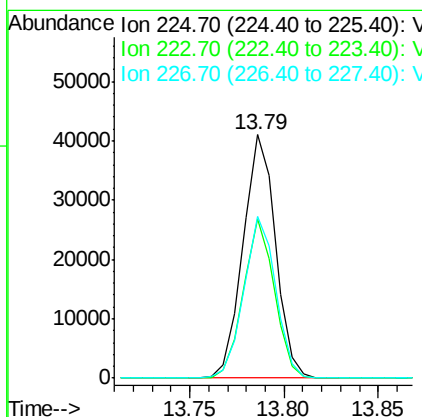
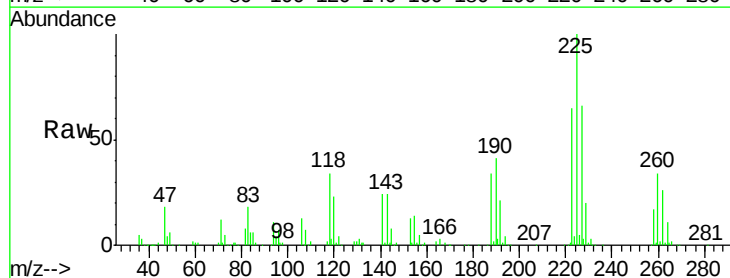
Manual Integrations
 APPROVED

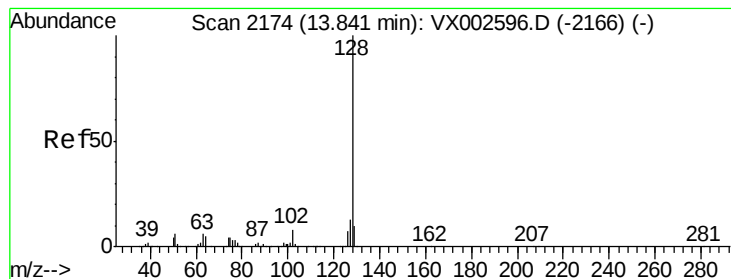
apatel
 6/22/2018 8:08:29 AM



#94
 Hexachlorobutadiene
 Concen: 19.27 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002739.D
 Acq: 20 Jun 2018 14:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	95.0
227	65.0	32.4	97.2





#95

Naphthalene

Concen: 20.44 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Instrument :

MSVOA_X

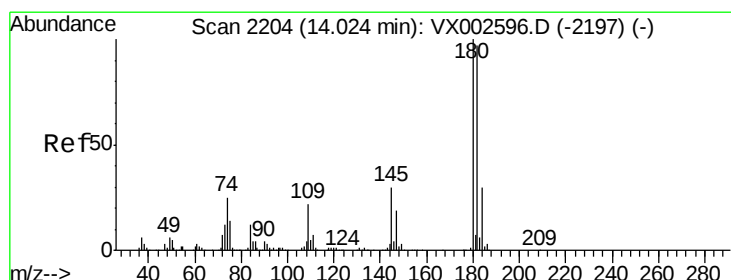
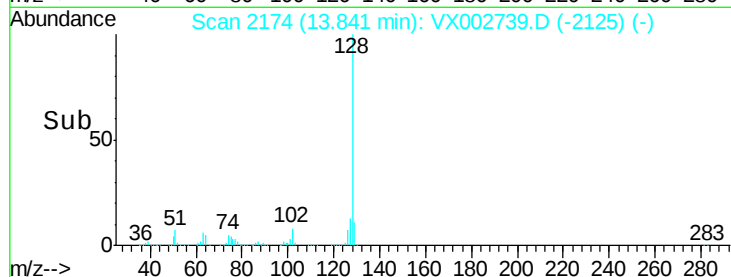
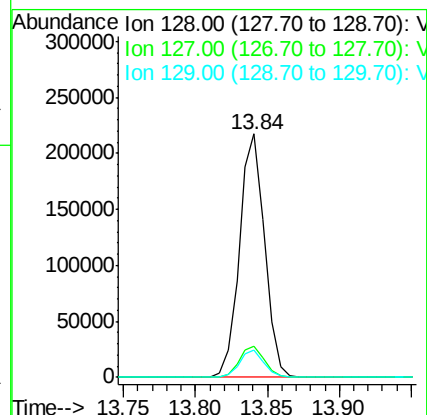
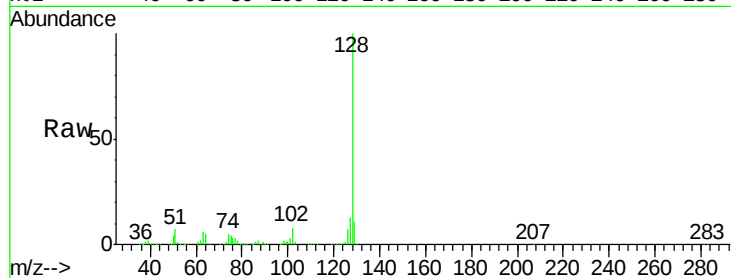
ClientSampleId :

VX0620WBSD01

Tot Ion:	128	Resp:	265220
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
6/22/2018 8:08:29 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002739.D

Acq: 20 Jun 2018 14:07

Tgt Ion:	180	Resp:	96857
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.0	144.0
145	29.6	14.8	44.3

