

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000340.D
 Acq On : 15 Mar 2018 20:09
 Operator : JC/MD
 Sample : VX0315WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

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Quant Time: Mar 16 04:31:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	120288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	71939	43.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.46%	
35) Dibromofluoromethane	5.52	113	56206	43.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.82%	
50) Toluene-d8	8.73	98	220727	41.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.66%	
62) 4-Bromofluorobenzene	11.15	95	83058	38.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20681	15.96	ug/l	97
3) Chloromethane	1.32	50	22330	16.91	ug/l	98
4) Vinyl Chloride	1.41	62	26720	18.06	ug/l	97
5) Bromomethane	1.64	94	28943	17.53	ug/l	98
6) Chloroethane	1.73	64	18369	17.47	ug/l	96
7) Trichlorofluoromethane	1.93	101	50410	19.62	ug/l	97
8) Diethyl Ether	2.20	74	17955	19.63	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26840	19.40	ug/l	97
10) Methyl Iodide	2.52	142	15088	10.79	ug/l	97
11) Tert butyl alcohol	3.07	59	58830	109.26	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24451	18.62	ug/l	96
13) Acrolein	2.30	56	26110	112.72	ug/l	95
14) Allyl chloride	2.73	41	46017	19.65	ug/l	99
15) Acrylonitrile	3.15	53	110124	106.08	ug/l	100
16) Acetone	2.45	43	114588	103.13	ug/l	99
17) Carbon Disulfide	2.57	76	60666	15.82	ug/l	96
18) Methyl Acetate	2.79	43	54349	21.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	94723	20.49	ug/l	99
20) Methylene Chloride	2.87	84	29834	20.74	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	26929	18.55	ug/l	97
22) Diisopropyl ether	3.88	45	67897	17.42	ug/l	# 98
23) Vinyl Acetate	3.84	43	322993	86.96	ug/l	99
24) 1,1-Dichloroethane	3.71	63	49001	19.99	ug/l	99
25) 2-Butanone	4.72	43	136655	102.90	ug/l	99
26) 2,2-Dichloropropane	4.60	77	32273	18.24	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	24986	18.84	ug/l	97
28) Bromochloromethane	5.03	49	21054	20.43	ug/l	99
29) Tetrahydrofuran	5.18	42	85302	99.80	ug/l	99
30) Chloroform	5.23	83	44753	19.34	ug/l	97
31) Cyclohexane	5.59	56	32657	17.36	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	39308	19.22	ug/l	98
36) 1,1-Dichloropropene	5.81	75	31613	17.15	ug/l	99
37) Ethyl Acetate	4.87	43	47469	19.38	ug/l	99
38) Carbon Tetrachloride	5.80	117	33254	17.89	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	37747	17.56	ug/l	99
40) Benzene	6.15	78	94814	18.13	ug/l	98
41) Methacrylonitrile	5.08	41	23831	18.53	ug/l	98
42) 1,2-Dichloroethane	6.21	62	37455	18.07	ug/l	98
43) Isopropyl Acetate	6.48	43	68183	19.28	ug/l	100
44) Trichloroethene	7.23	130	25800	17.02	ug/l	96
45) 1,2-Dichloropropane	7.53	63	25278	19.60	ug/l	98
46) Dibromomethane	7.67	93	19153	18.48	ug/l	99
47) Bromodichloromethane	7.91	83	34665	18.85	ug/l	99
48) Methyl methacrylate	7.79	41	32836	18.37	ug/l	98
49) 1,4-Dioxane	7.77	88	15117	375.80	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	273542	99.61	ug/l	97
52) Toluene	8.79	92	63682	17.33	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	39122	18.43	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	36989	17.82	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	28264	19.17	ug/l	95
56) Ethyl methacrylate	9.19	69	40570	18.59	ug/l	94
57) 1,3-Dichloropropane	9.38	76	45024	18.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	103101	113.51	ug/l	98
59) 2-Hexanone	9.51	43	229074	99.01	ug/l	97
60) Dibromochloromethane	9.59	129	28391	18.21	ug/l	97
61) 1,2-Dibromoethane	9.68	107	29028	17.76	ug/l	98
64) Tetrachloroethene	9.34	164	26437	19.52	ug/l	96
65) Chlorobenzene	10.15	112	75774	18.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26681	19.74	ug/l	98
67) Ethyl Benzene	10.26	91	129207	18.85	ug/l	99
68) m/p-Xylenes	10.37	106	98427	36.86	ug/l	99
69) o-Xylene	10.71	106	48893	18.85	ug/l	99
70) Styrene	10.72	104	78206	18.17	ug/l	100
71) Bromoform	10.87	173	21783	18.72	ug/l #	94
73) Isopropylbenzene	11.02	105	133435	20.38	ug/l	99
74) N-amyl acetate	6.48	43	68183	21.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	49359	21.17	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	43728m	21.06	ug/l	
77) Bromobenzene	11.26	156	33837	19.69	ug/l	99
78) n-propylbenzene	11.37	91	155317	19.67	ug/l	98
79) 2-Chlorotoluene	11.43	91	88027	19.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	111854	20.05	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	11983	18.27	ug/l	90
82) 4-Chlorotoluene	11.52	91	106748	19.38	ug/l	98
83) tert-Butylbenzene	11.78	119	109650	20.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	116842	20.37	ug/l	100
85) sec-Butylbenzene	11.96	105	136858	20.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	118923	19.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	63728	18.89	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	65083	18.57	ug/l	98
89) n-Butylbenzene	12.40	91	110059	18.67	ug/l	98
90) Hexachloroethane	12.60	117	18957	19.49	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	63424	19.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13372	21.19	ug/l	92

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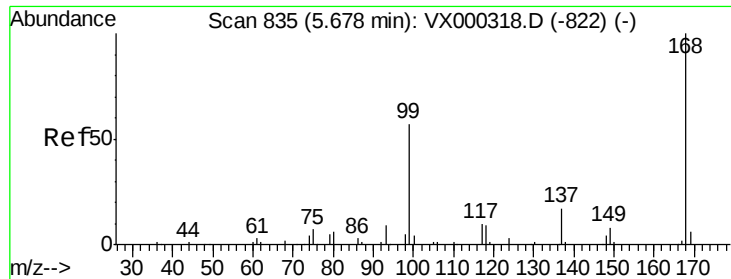
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QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45165	19.19	ug/l	97
94) Hexachlorobutadiene	13.79	225	17989	19.38	ug/l	99
95) Naphthalene	13.84	128	164567	20.15	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	45611	19.19	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion:168 Resp: 120288

Ion Ratio Lower Upper

168 100

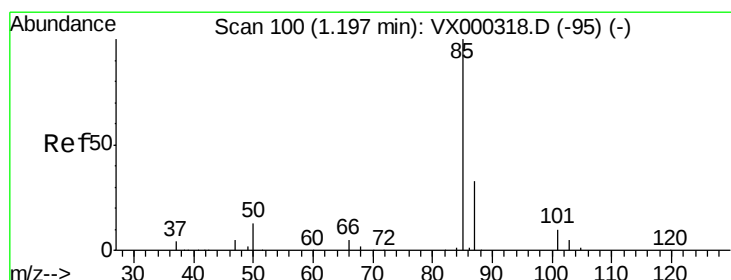
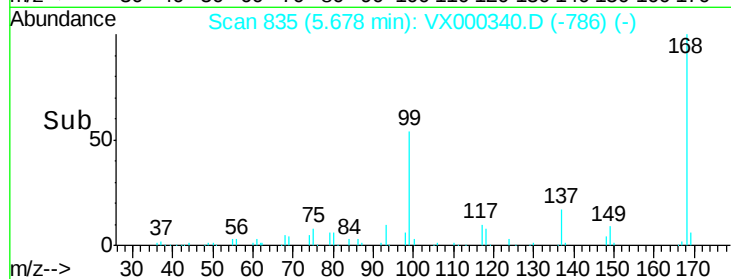
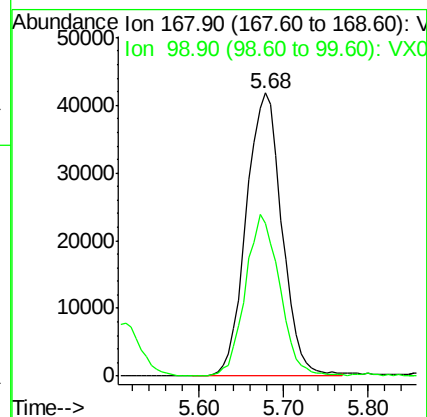
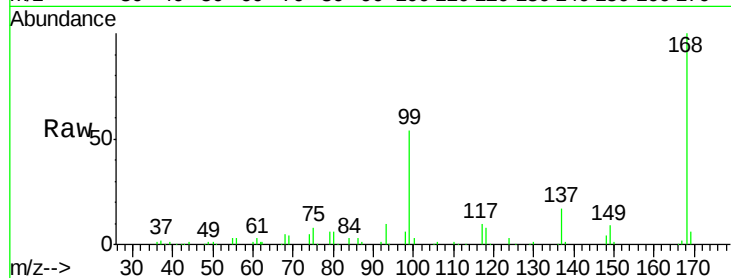
99 53.9 45.8 68.6

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#2

Dichlorodifluoromethane

Concen: 15.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000340.D

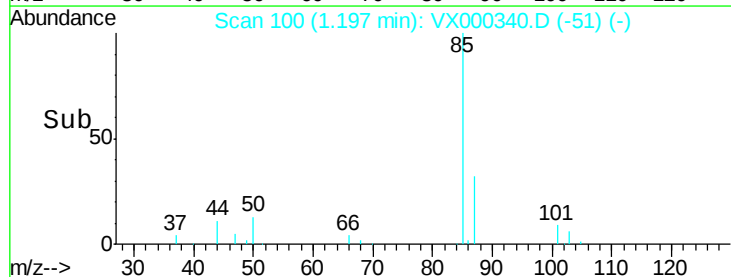
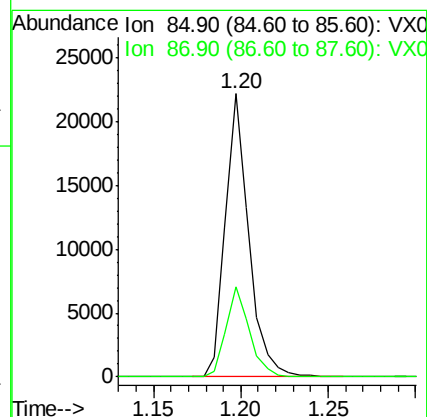
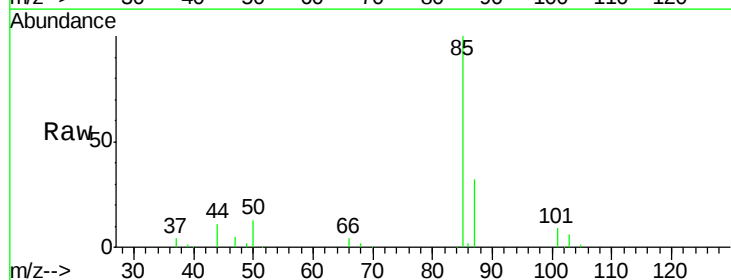
Acq: 15 Mar 2018 20:09

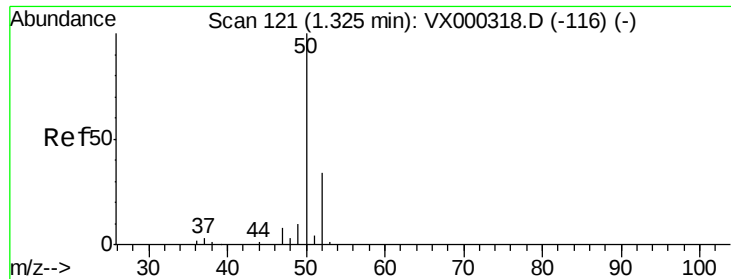
Tgt Ion: 85 Resp: 20681

Ion Ratio Lower Upper

85 100

87 31.8 16.8 50.3





#3

Chloromethane

Concen: 16.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0315WBSD01

Tot Ion: 50 Resp: 22330

Ion Ratio Lower Upper

50 100

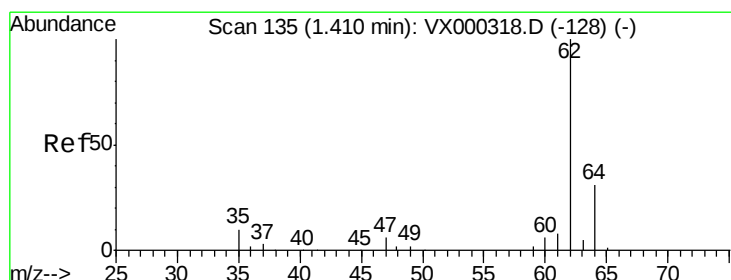
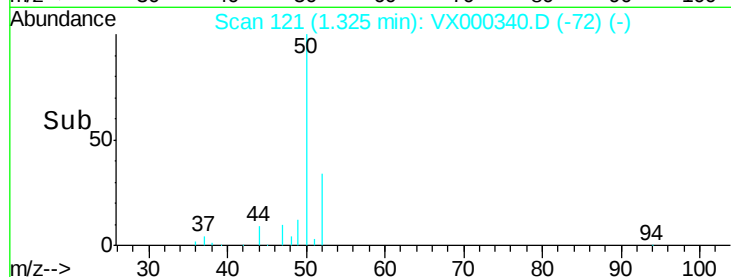
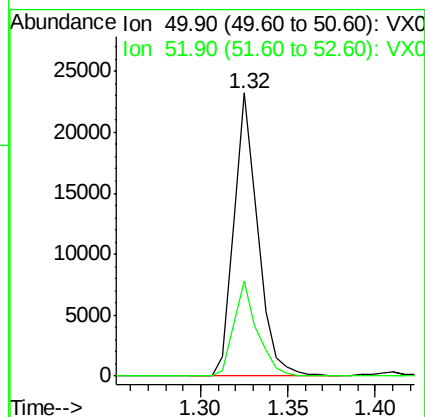
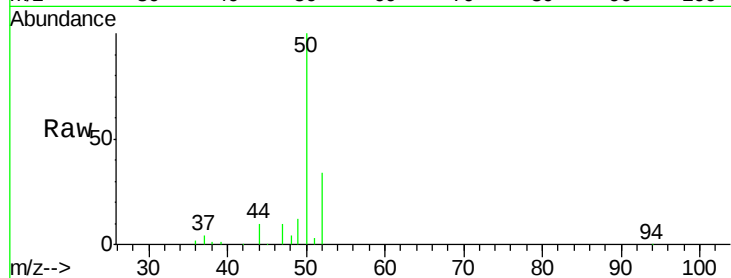
52 33.5 27.5 41.3

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#4

Vinyl Chloride

Concen: 18.06 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000340.D

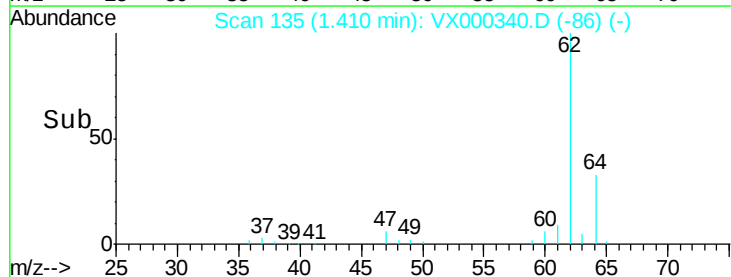
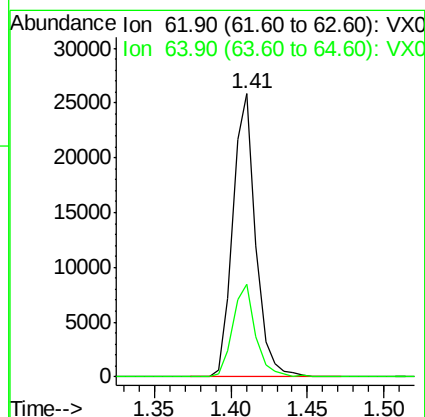
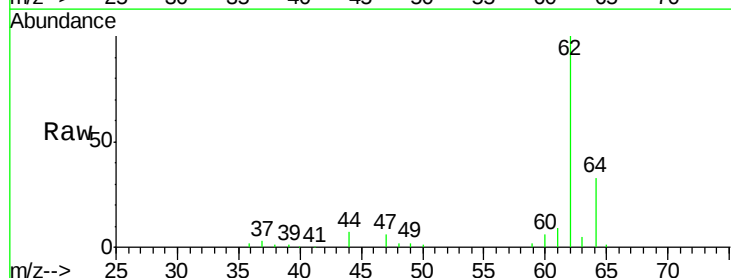
Acq: 15 Mar 2018 20:09

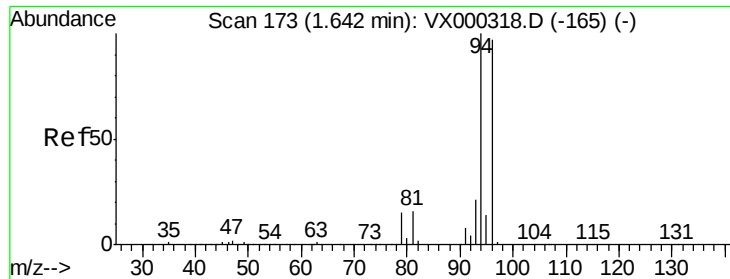
Tgt Ion: 62 Resp: 26720

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 17.53 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion: 94 Resp: 28943

Ion Ratio Lower Upper

94 100

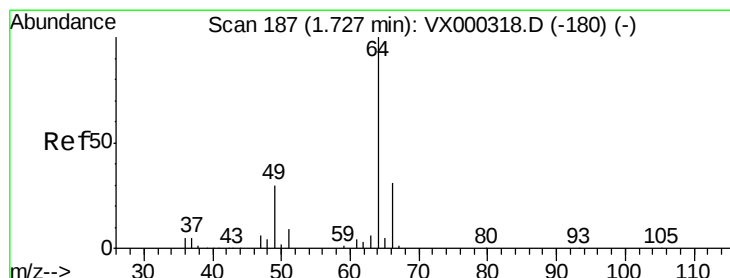
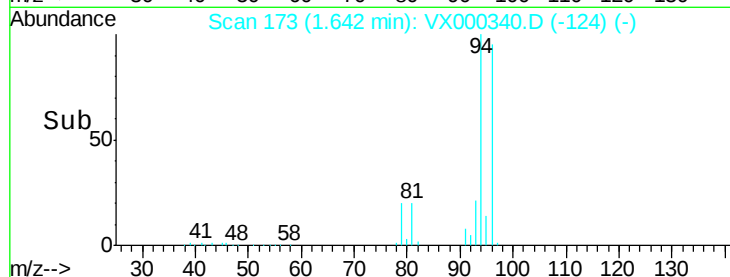
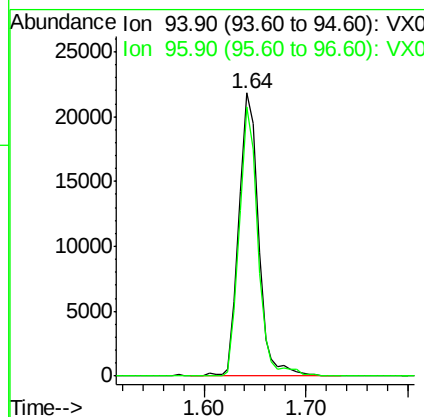
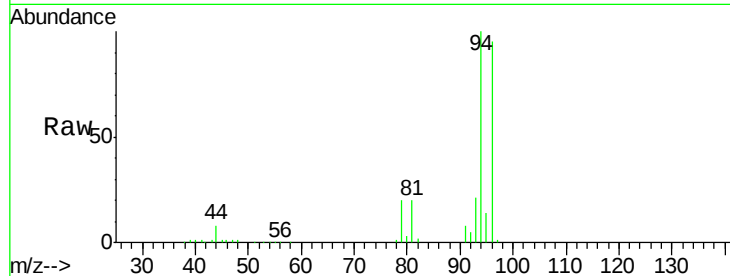
96 95.3 77.7 116.5

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#6

Chloroethane

Concen: 17.47 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000340.D

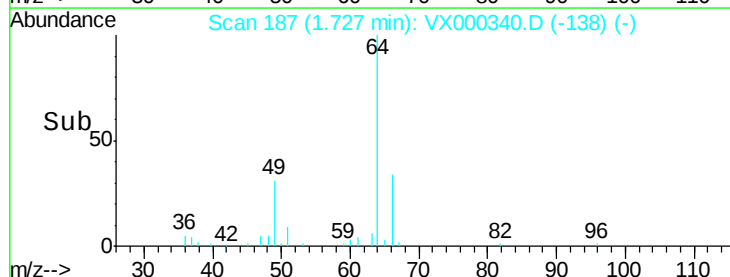
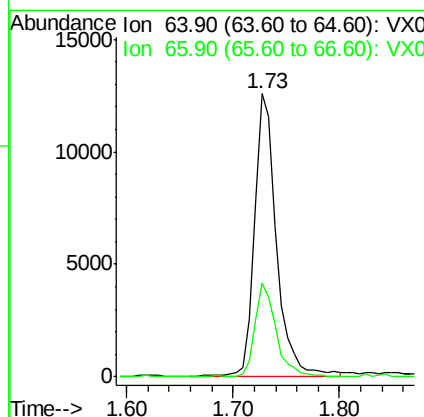
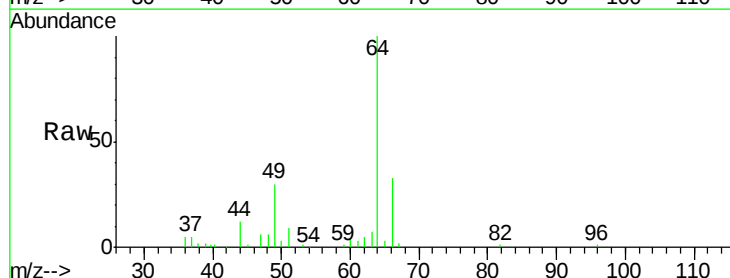
Acq: 15 Mar 2018 20:09

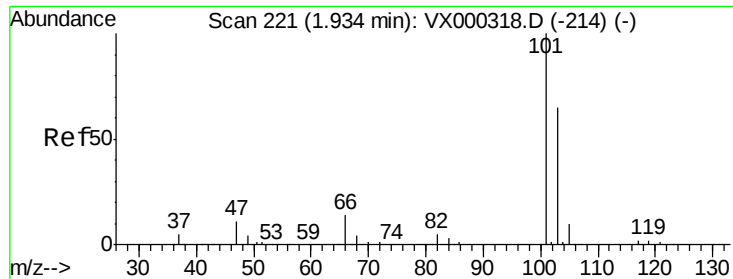
Tgt Ion: 64 Resp: 18369

Ion Ratio Lower Upper

64 100

66 33.0 24.8 37.2





#7

Trichlorofluoromethane

Concen: 19.62 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion:101 Resp: 50410

Ion Ratio Lower Upper

101 100

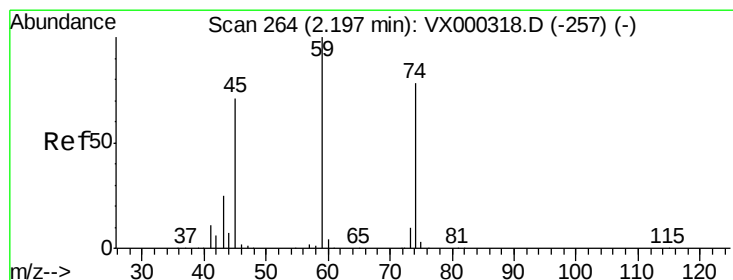
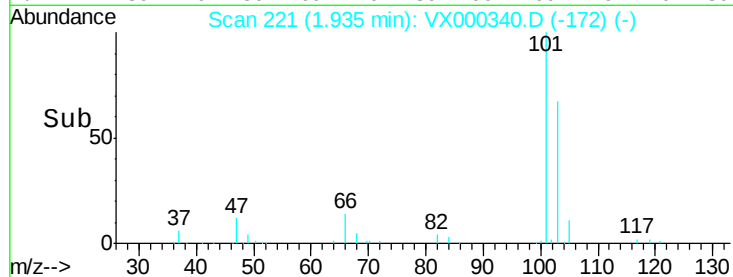
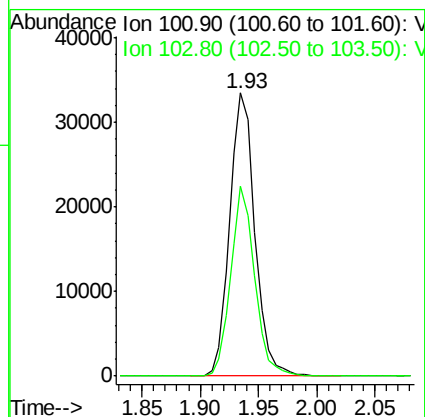
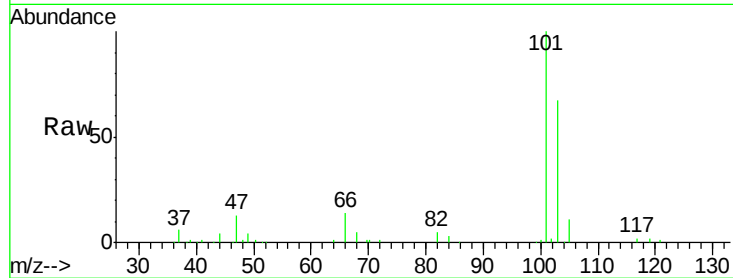
103 67.0 51.6 77.4

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#8

Diethyl Ether

Concen: 19.63 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX000340.D

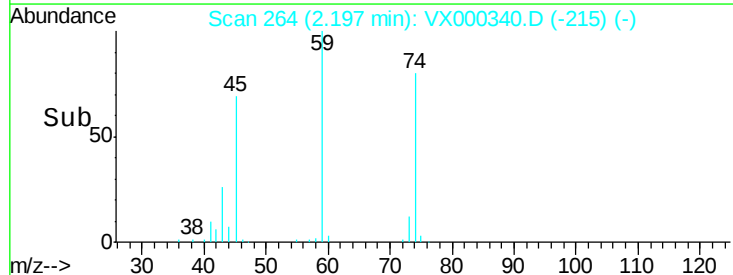
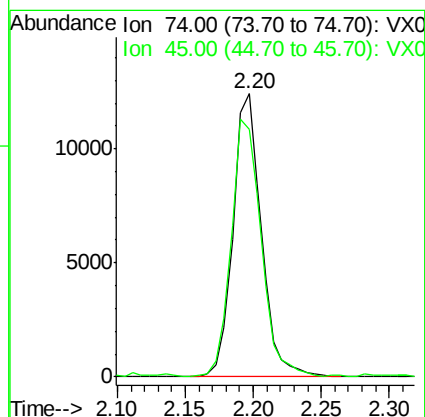
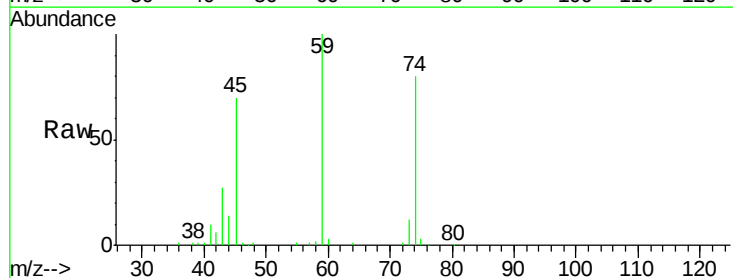
Acq: 15 Mar 2018 20:09

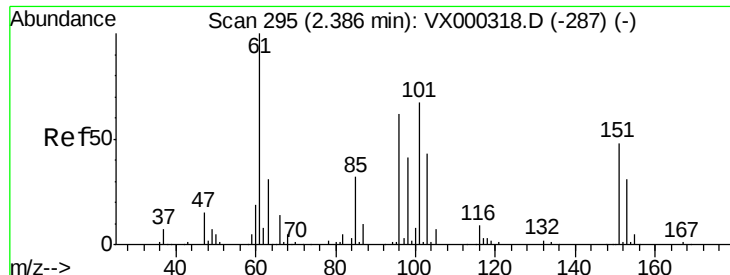
Tgt Ion: 74 Resp: 17955

Ion Ratio Lower Upper

74 100

45 96.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.40 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

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MSVOA_X

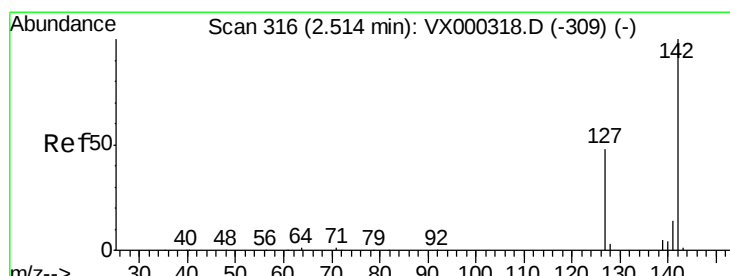
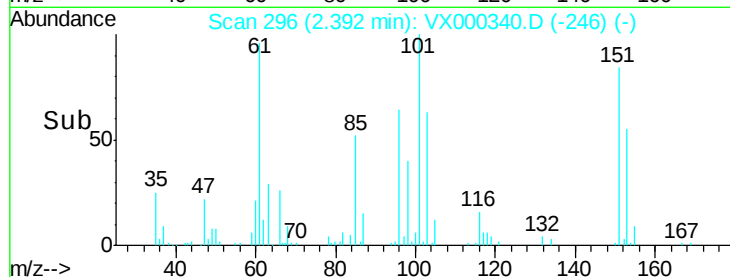
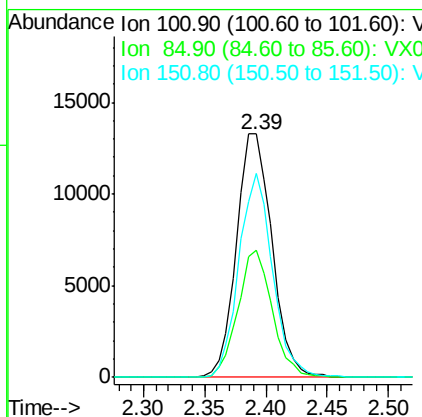
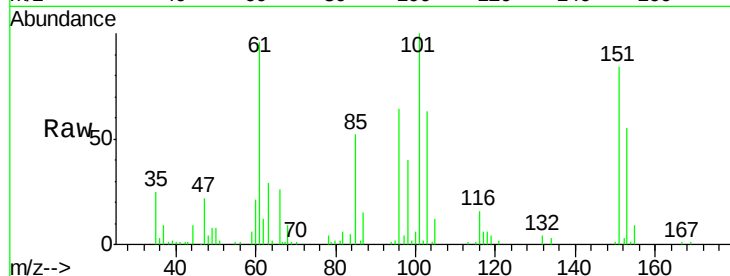
ClientSampleId :

VX0315WBSD01

Tot Ion:	101	Resp:	26840
Ion Ratio	Lower	Upper	
101	100		
85	50.5	37.6	56.4
151	79.4	62.6	93.8

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#10

Methyl Iodide

Concen: 10.79 ug/l

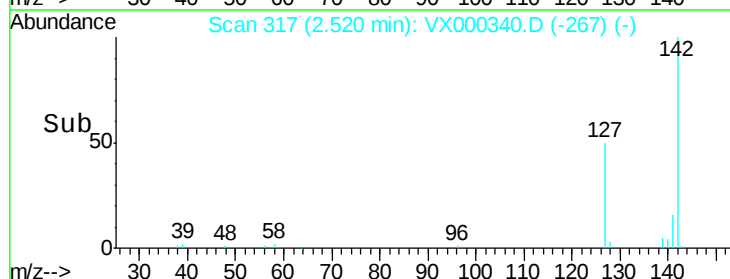
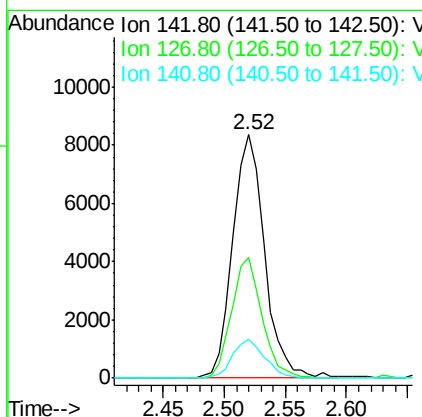
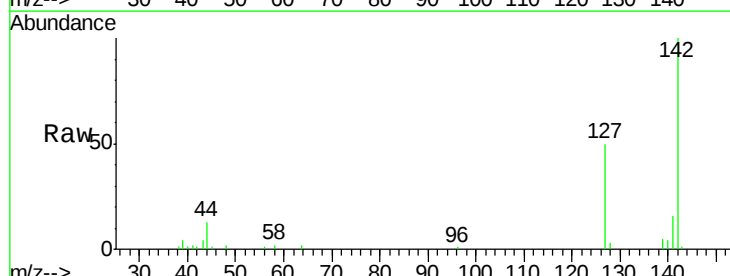
RT: 2.52 min Scan# 317

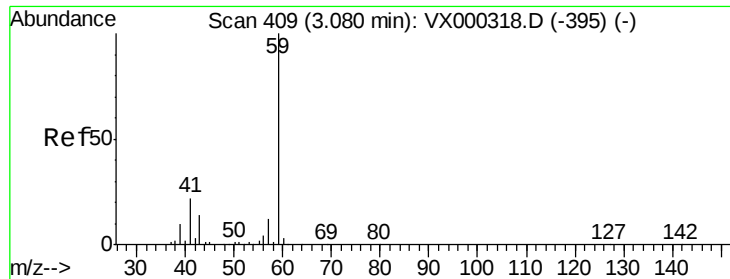
Delta R.T. 0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	142	Resp:	15088
Ion Ratio	Lower	Upper	
142	100		
127	47.2	39.2	58.8
141	15.9	11.7	17.5





#11

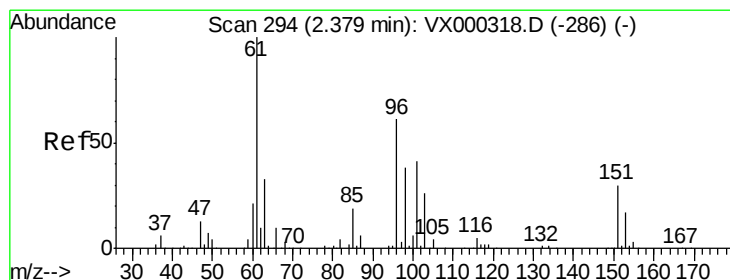
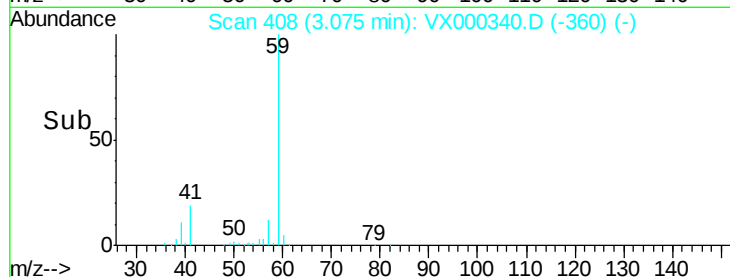
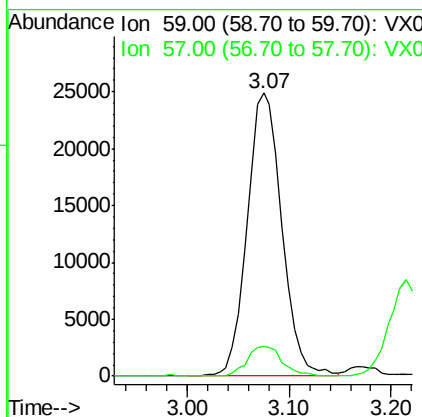
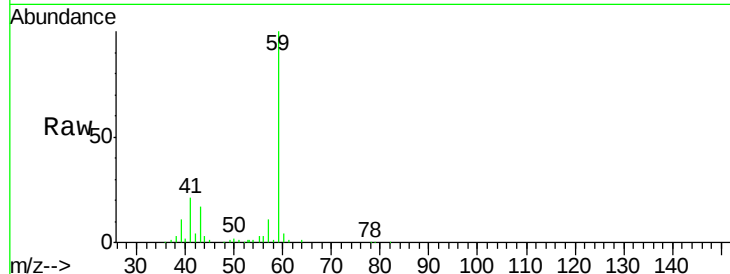
Tert butyl alcohol
 Concen: 109.26 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

Manual Integrations
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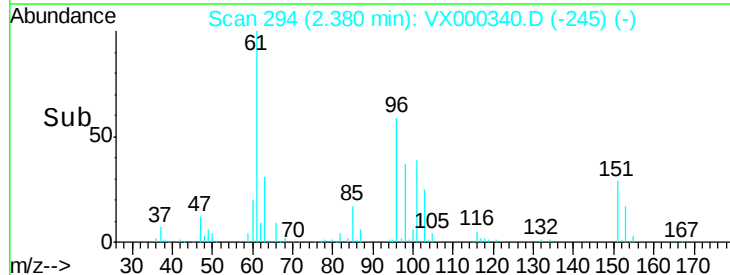
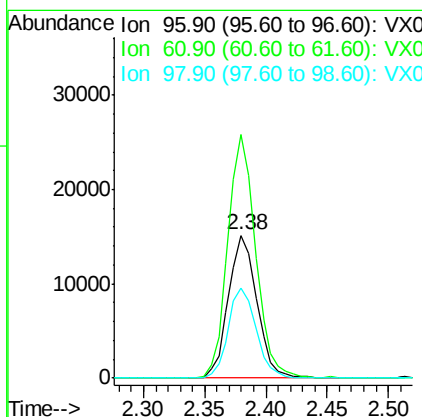
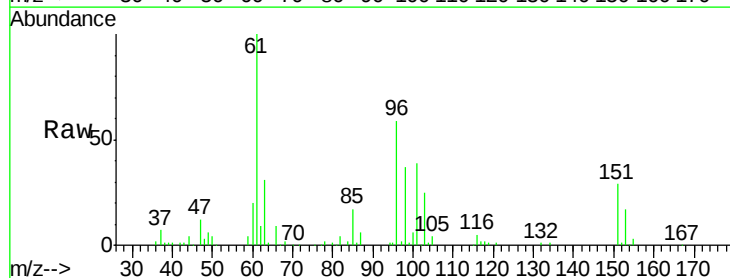
apatel
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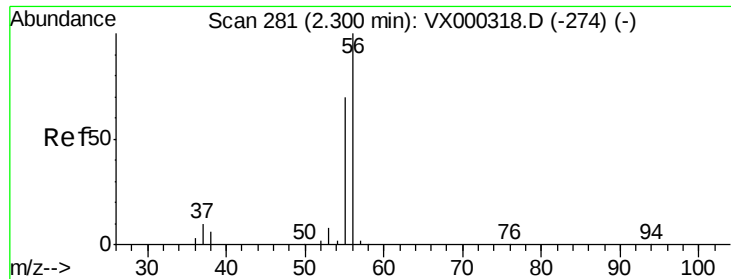


#12

1,1-Dichloroethene
 Concen: 18.62 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.7	131.2	196.8
98	62.7	49.8	74.8





#13

Acrolein

Concen: 112.72 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion: 56 Resp: 26110

Ion Ratio Lower Upper

56 100

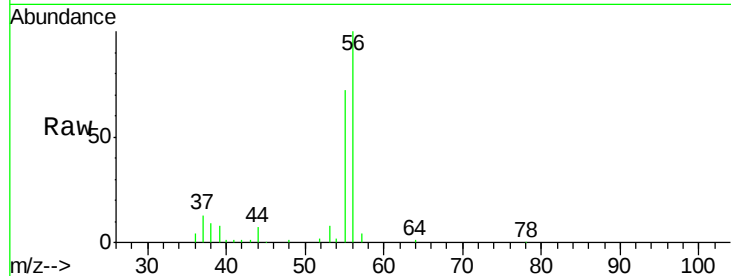
55 69.5 58.8 88.2

Manual Integrations

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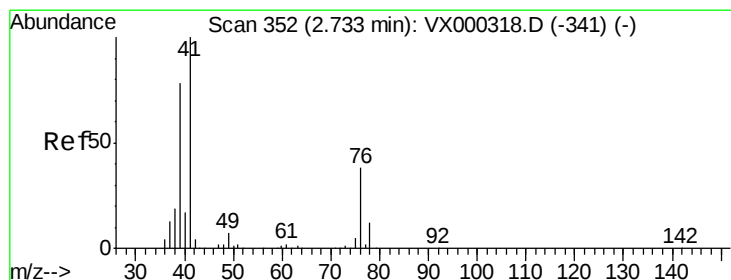
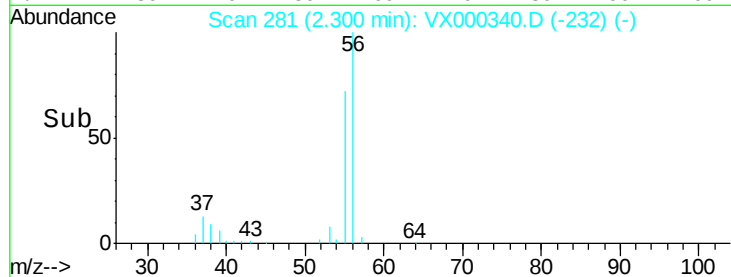
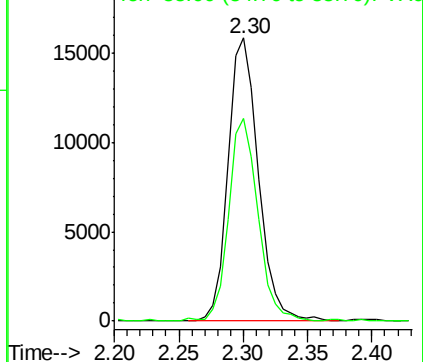
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.65 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

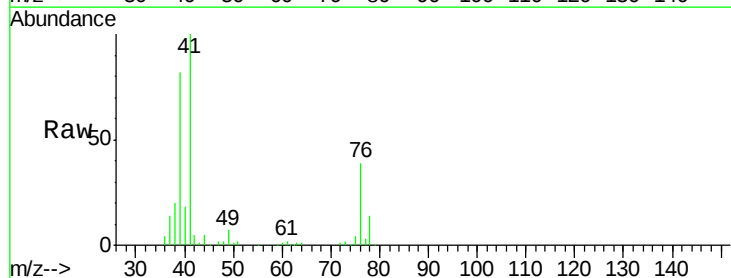
Tgt Ion: 41 Resp: 46017

Ion Ratio Lower Upper

41 100

39 71.1 57.6 86.4

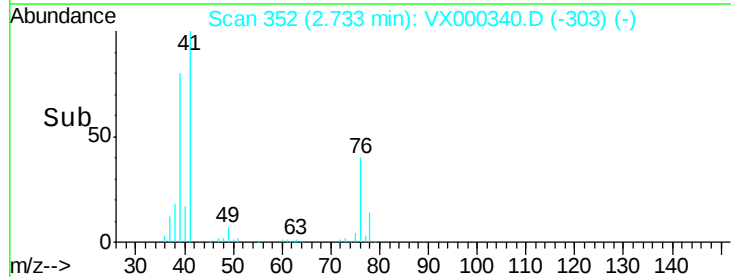
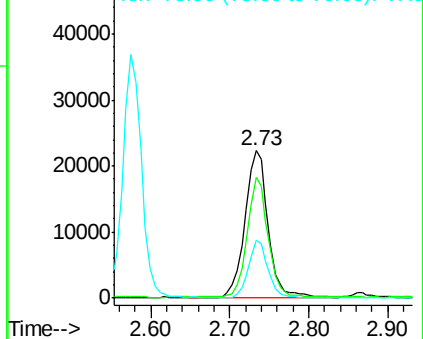
76 32.8 27.3 40.9

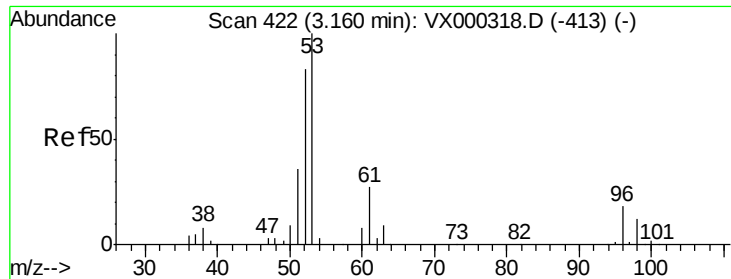


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

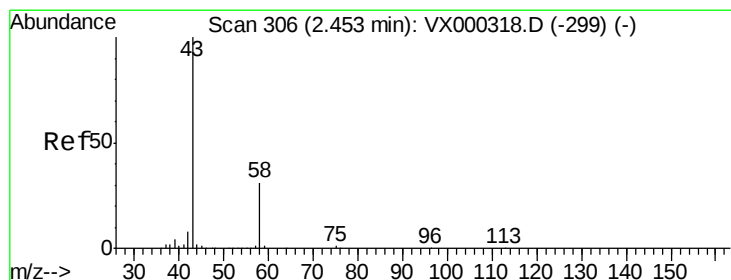
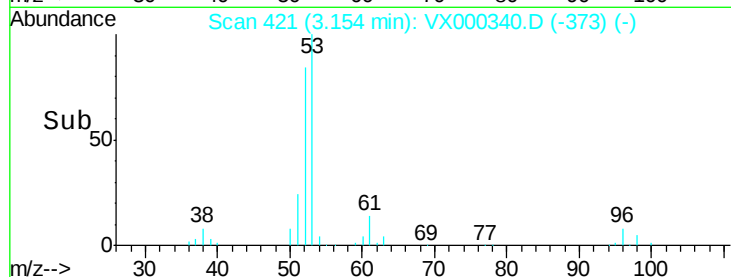
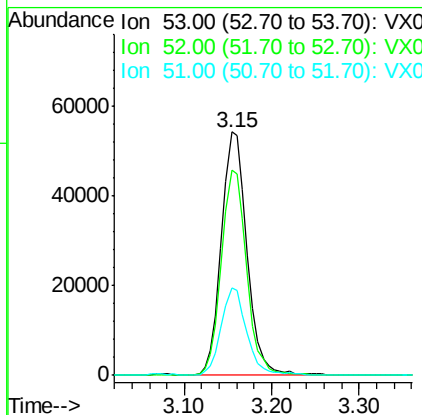
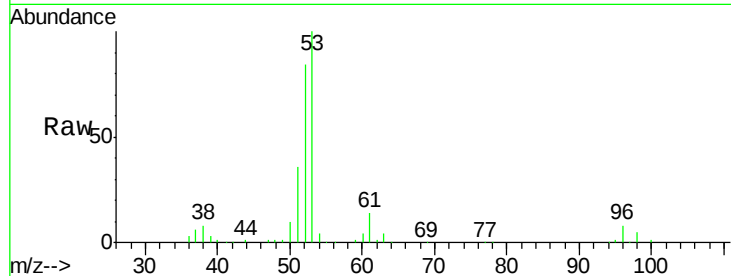
ClientSampleId :

VX0315WBSD01

Tot Ion:	53	Resp:	110124
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.6	99.8
51	36.5	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 103.13 ug/l

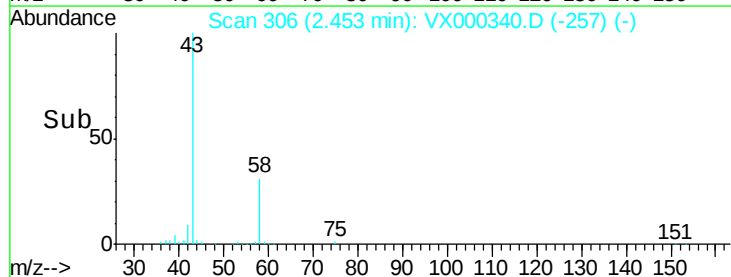
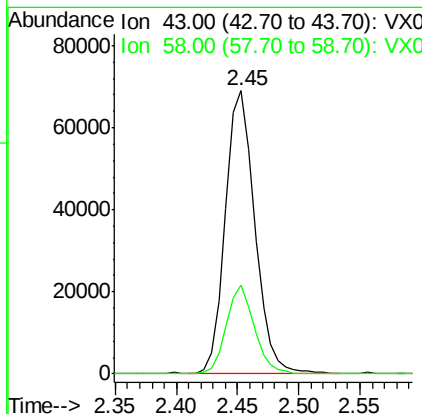
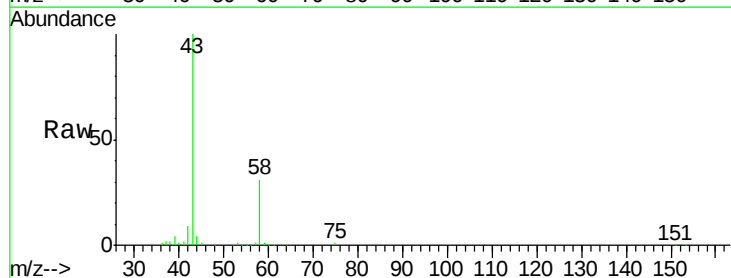
RT: 2.45 min Scan# 306

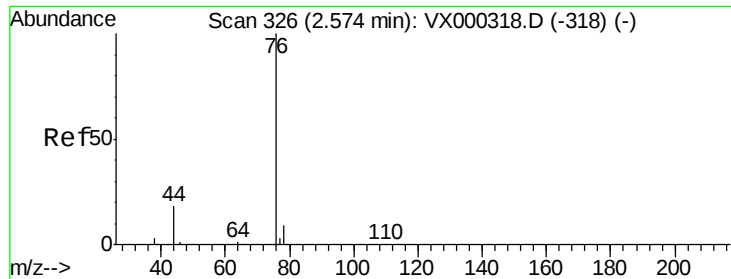
Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	43	Resp:	114588
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.7	37.1





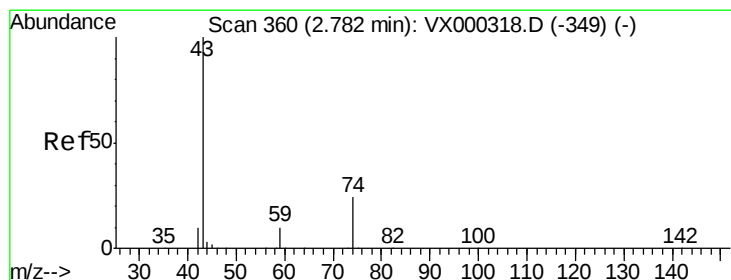
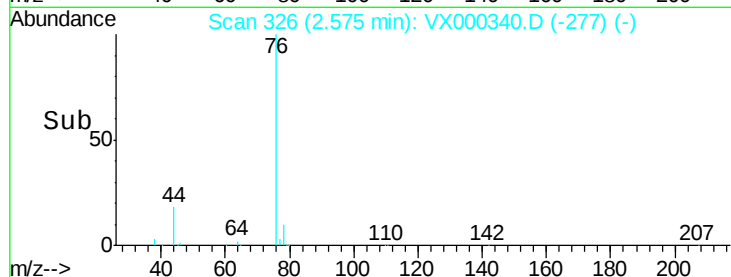
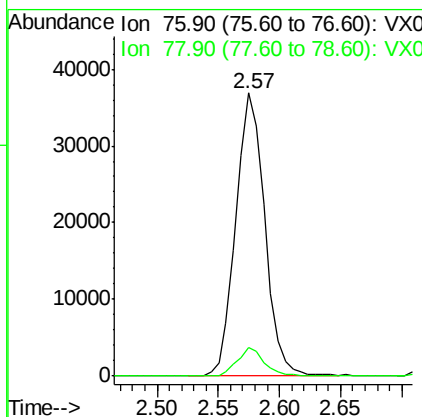
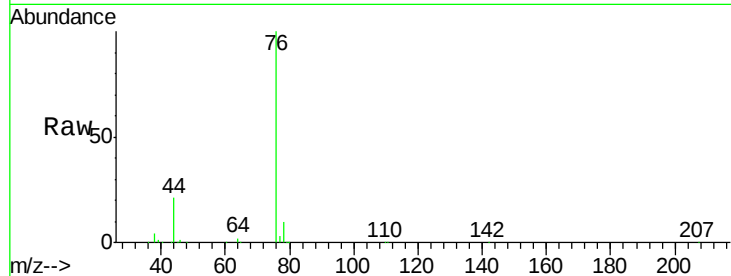
#17
Carbon Disulfide
Concen: 15.82 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.0	10.6

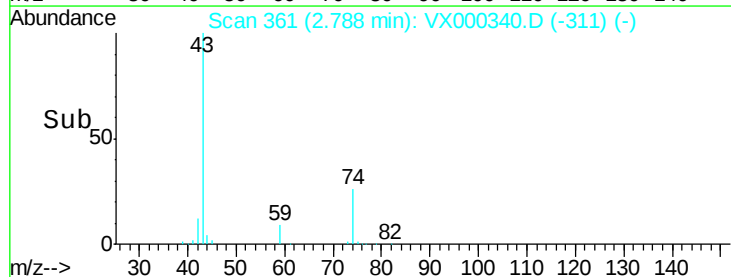
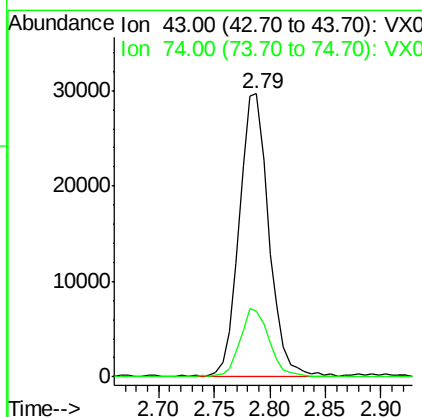
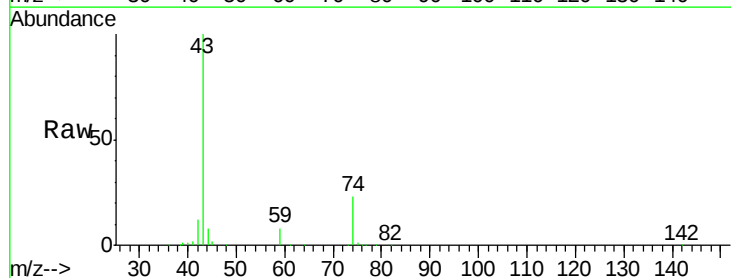
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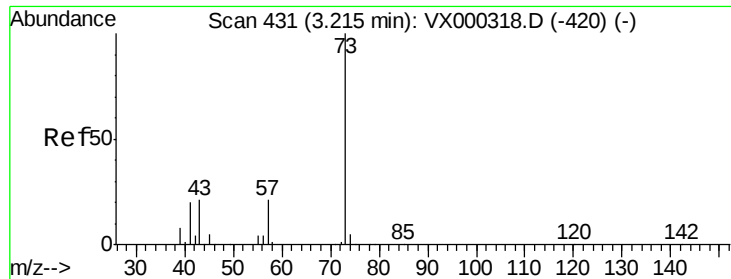
apatel
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#18
Methyl Acetate
Concen: 21.86 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.2





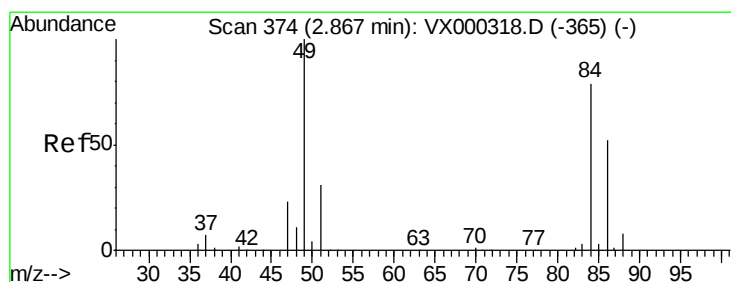
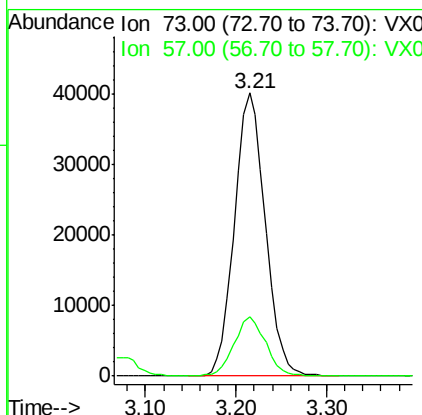
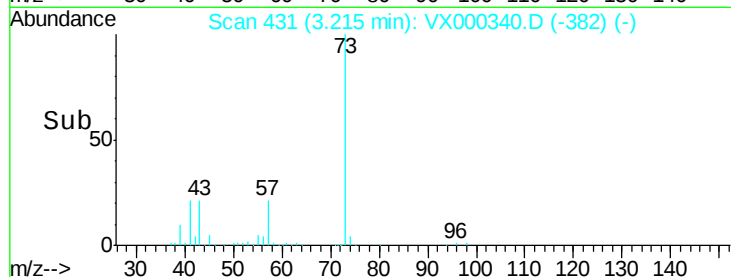
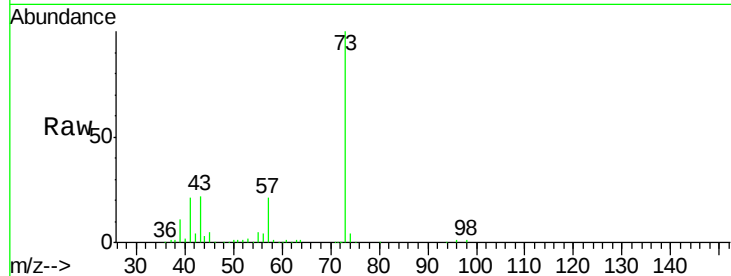
#19
Methvl tert-butvl Ether
Concen: 20.49 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion: 73 Resp: 94723
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8

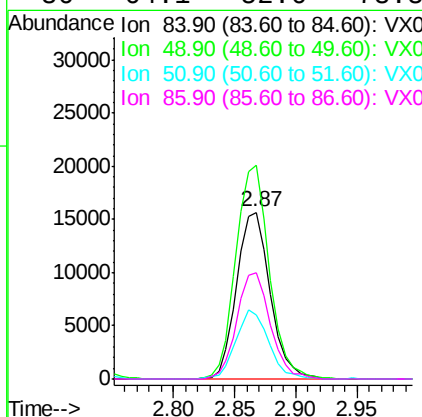
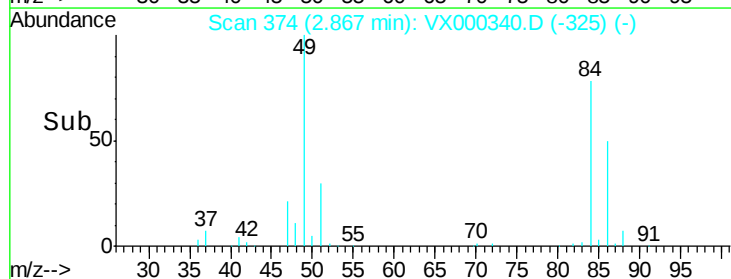
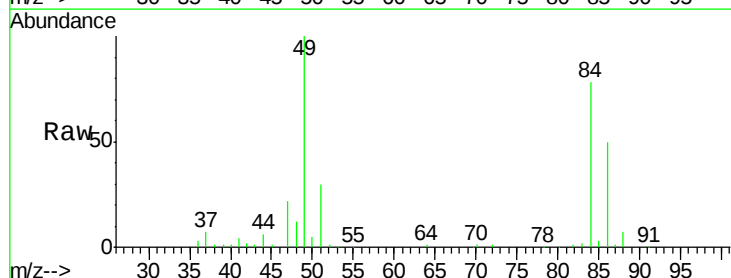
Manual Integrations
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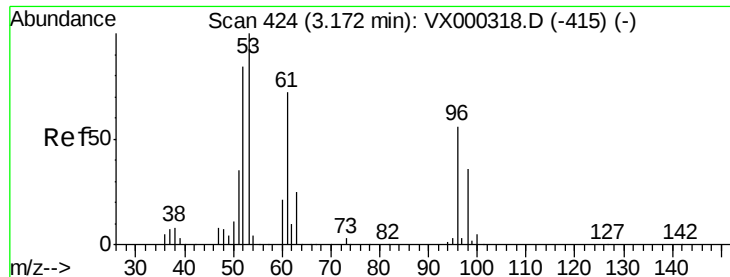
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#20
Methylene Chloride
Concen: 20.74 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 84 Resp: 29834
Ion Ratio Lower Upper
84 100
49 128.2 100.6 151.0
51 38.2 31.6 47.4
86 64.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.55 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

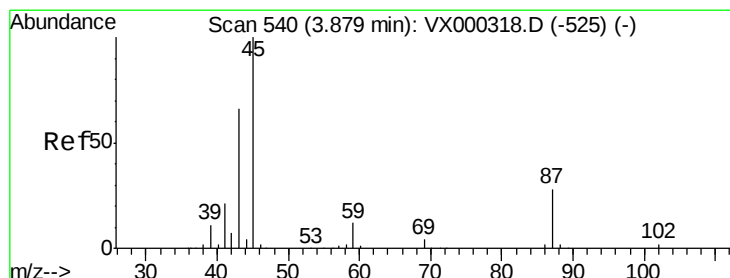
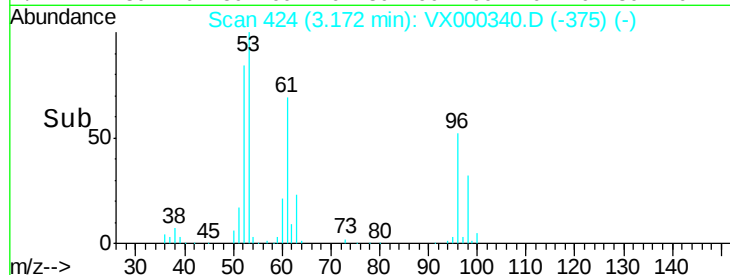
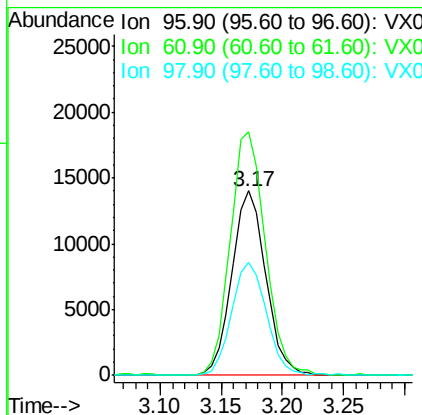
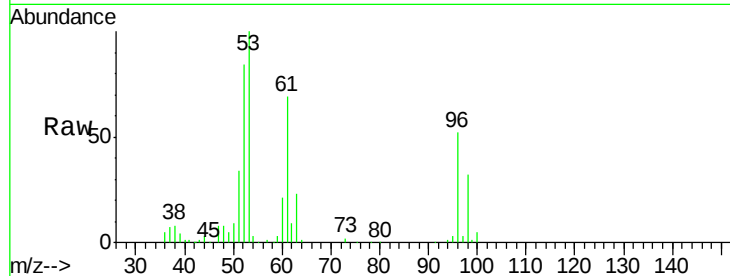
ClientSampleId :

VX0315WBSD01

Tot Ion:	96	Resp:	26929
Ion	Ratio	Lower	Upper
96	100		
61	131.9	104.0	156.0
98	61.2	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.42 ug/l

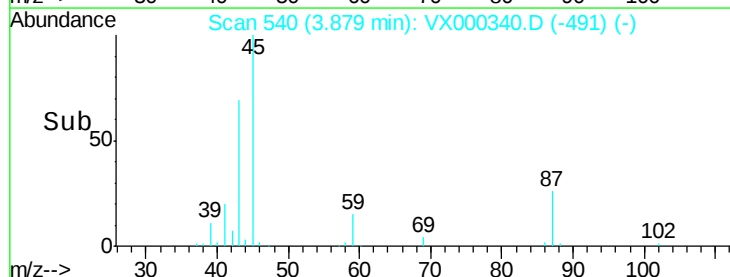
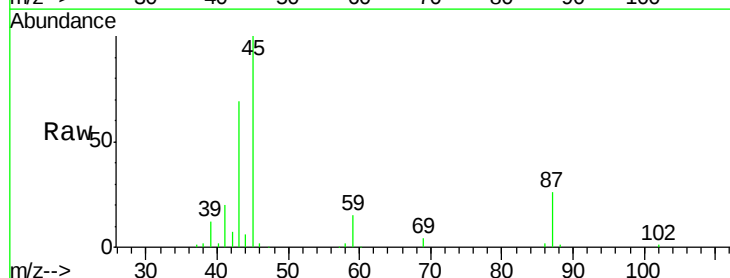
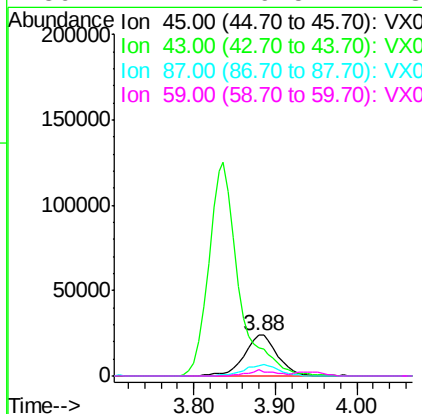
RT: 3.88 min Scan# 540

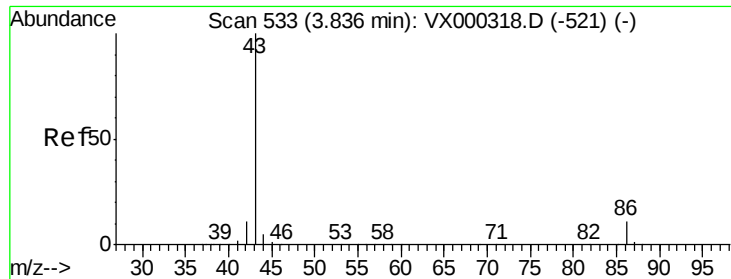
Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	45	Resp:	67897
Ion	Ratio	Lower	Upper
45	100		
43	67.5	53.9	80.9
87	26.1	22.6	34.0
59	14.7	9.5	14.3#





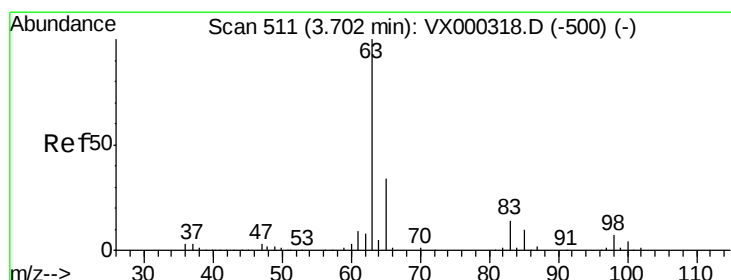
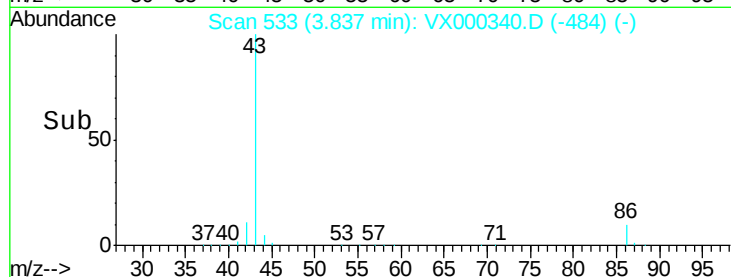
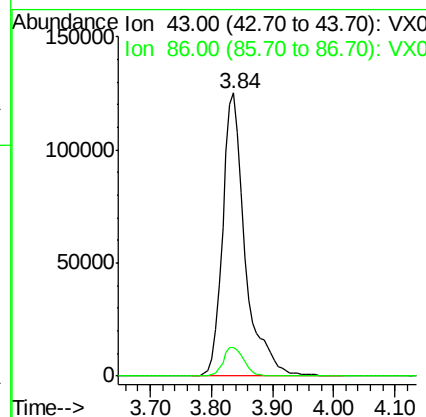
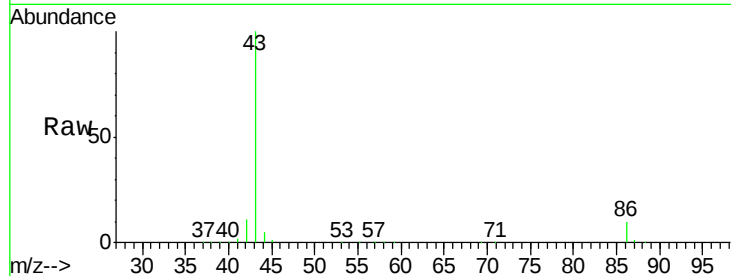
#23
 Vinyl Acetate
 Concen: 86.96 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion	43	Resp	322993
Ion Ratio	100	Lower	Upper
43	100		
86	10.2	8.6	12.8

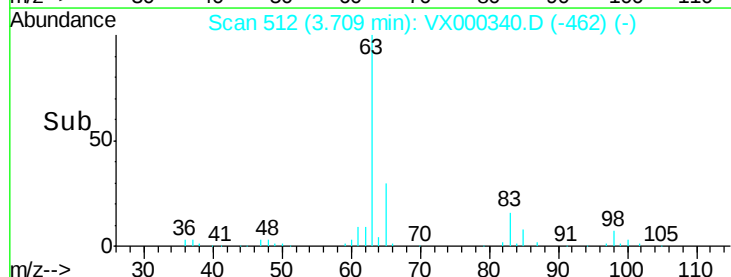
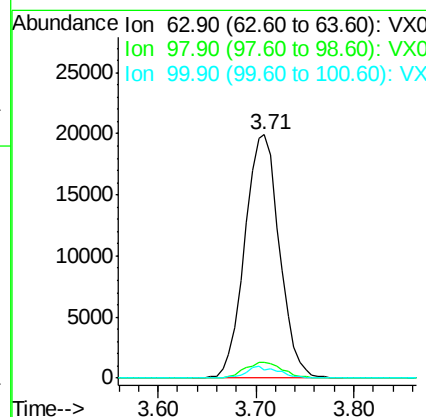
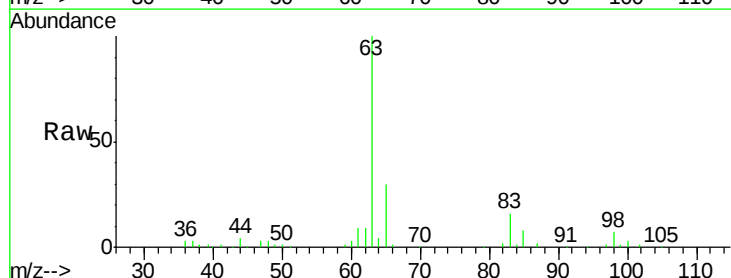
Manual Integrations
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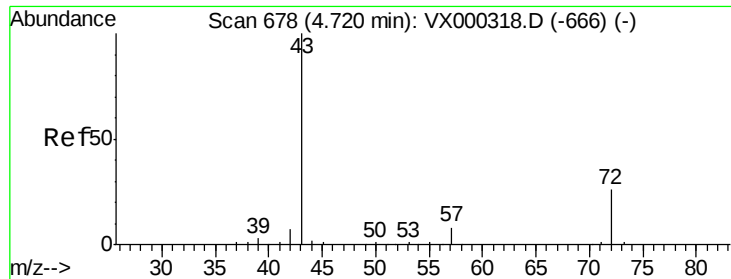
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#24
 1,1-Dichloroethane
 Concen: 19.99 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion	63	Resp	49001
Ion Ratio	100	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	3.4	2.0	5.8





#25

2-Butanone

Concen: 102.90 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion: 43 Resp: 136655

Ion Ratio Lower Upper

43 100

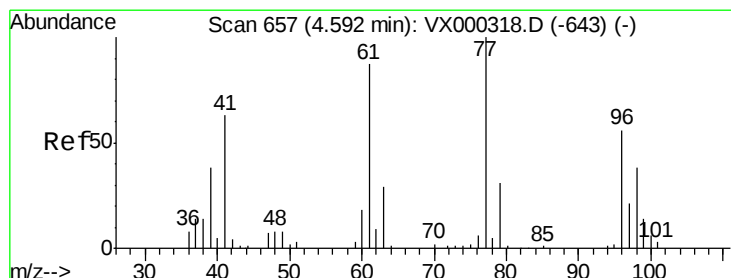
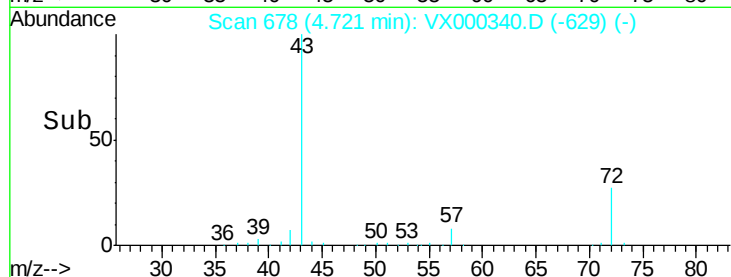
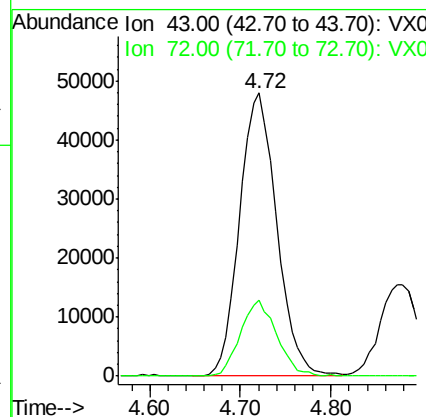
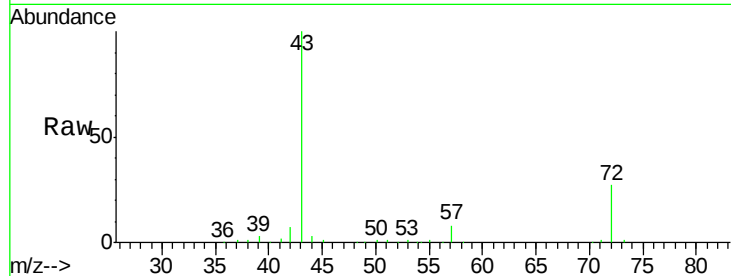
72 26.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.24 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000340.D

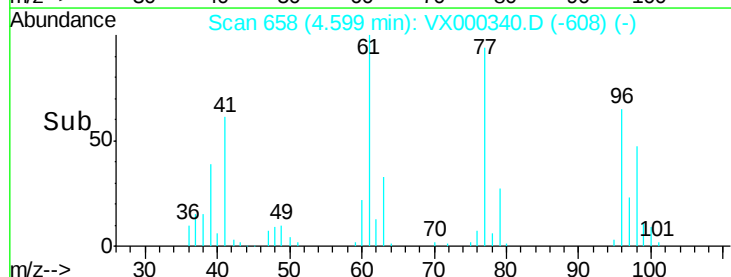
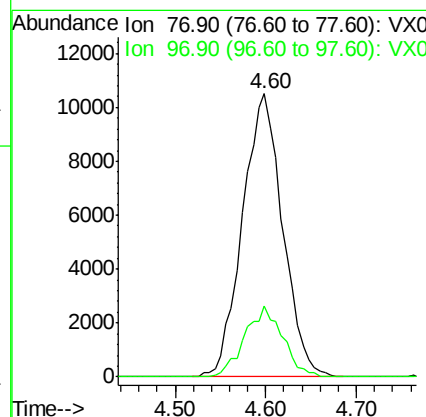
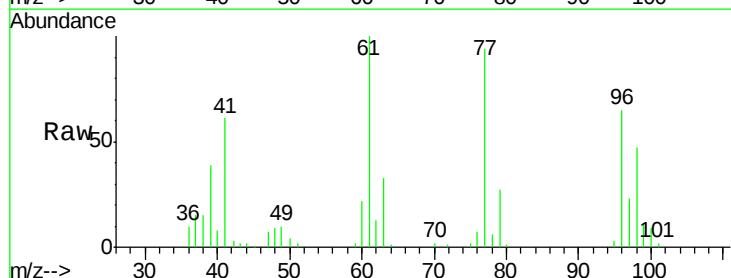
Acq: 15 Mar 2018 20:09

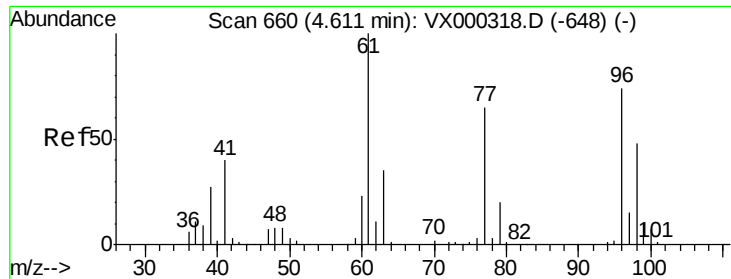
Tgt Ion: 77 Resp: 32273

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.84 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

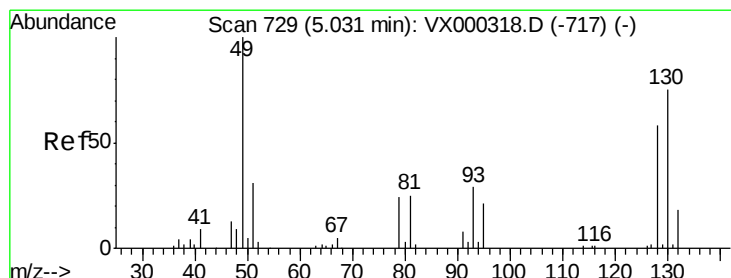
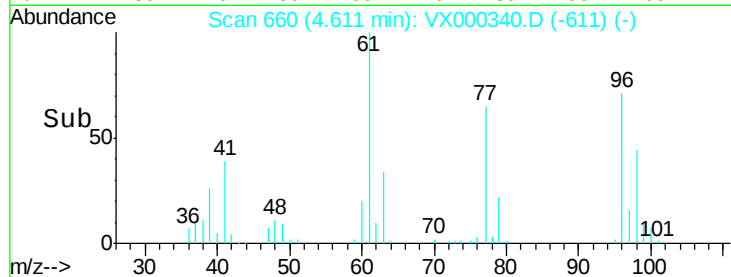
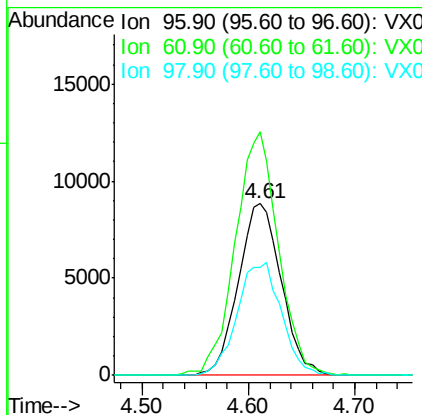
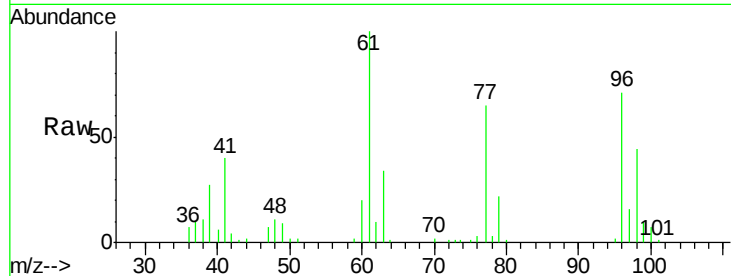
ClientSampleId :

VX0315WBSD01

Tot Ion:	96	Resp:	24986
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	291.6
98	67.4	0.0	132.0

Manual Integrations
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#28

Bromochloromethane

Concen: 20.43 ug/l

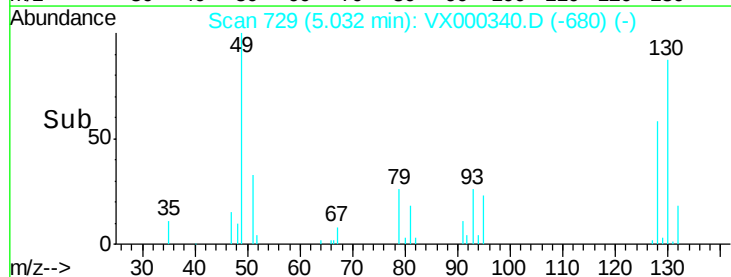
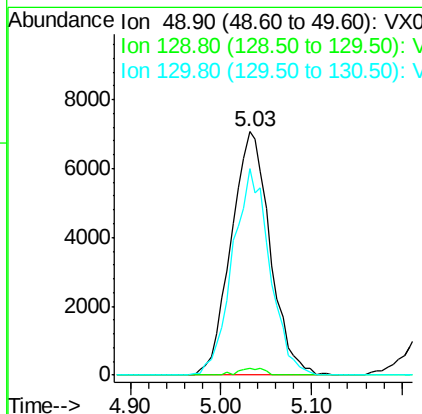
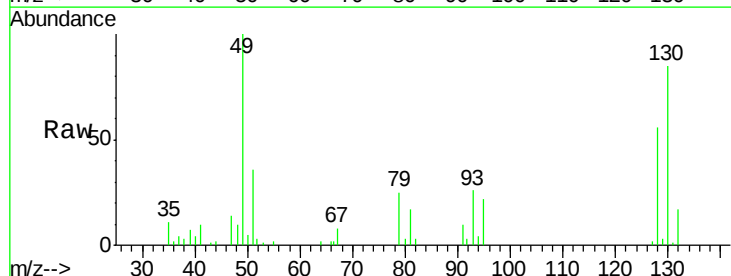
RT: 5.03 min Scan# 729

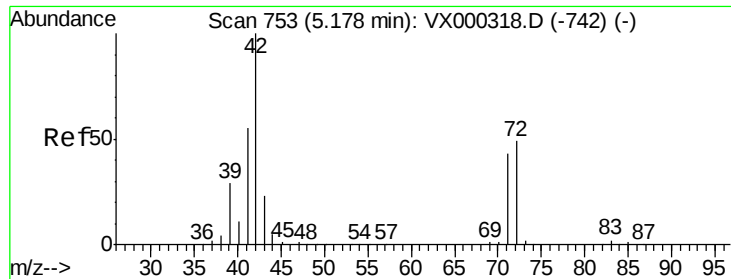
Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	49	Resp:	21054
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	80.8	64.0	96.0





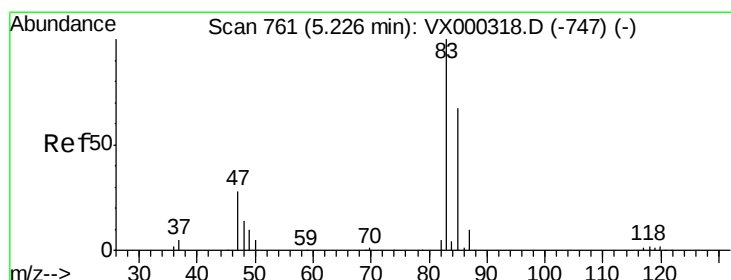
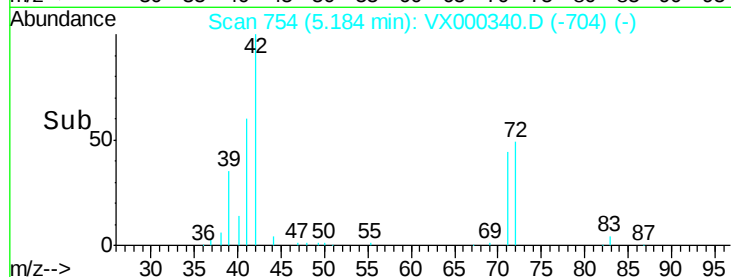
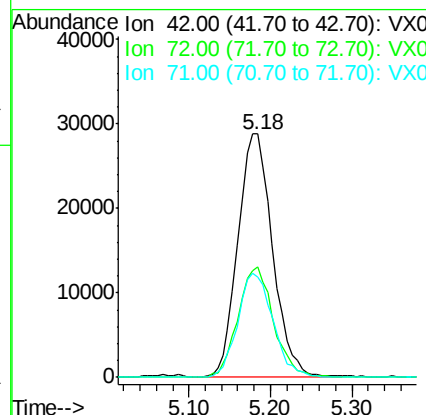
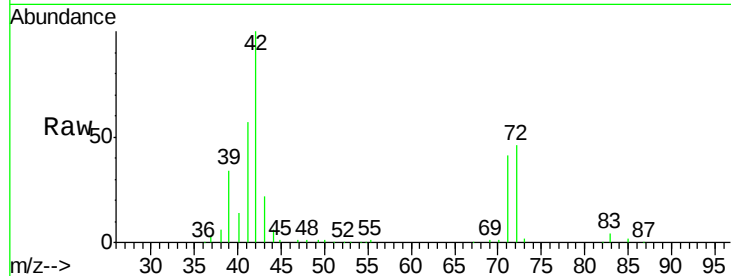
#29
Tetrahydrofuran
Concen: 99.80 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.9	56.9
71	43.1	34.4	51.6

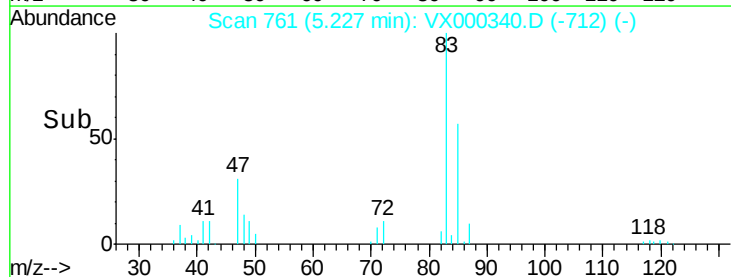
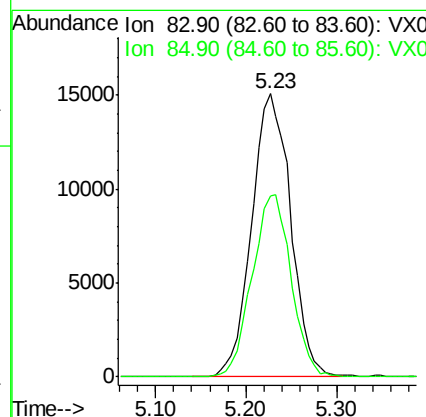
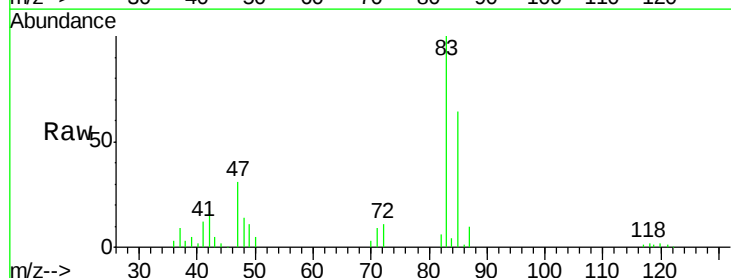
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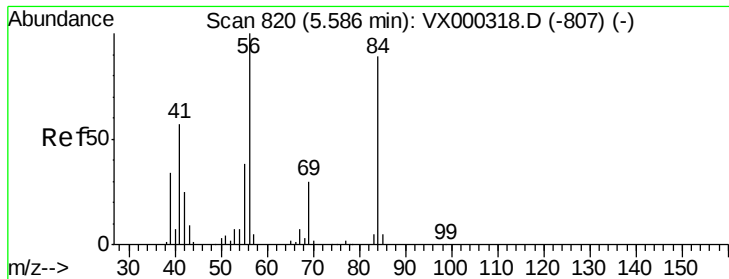
apatel
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#30
Chloroform
Concen: 19.34 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.3	79.9





#31

Cyclohexane

Concen: 17.36 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

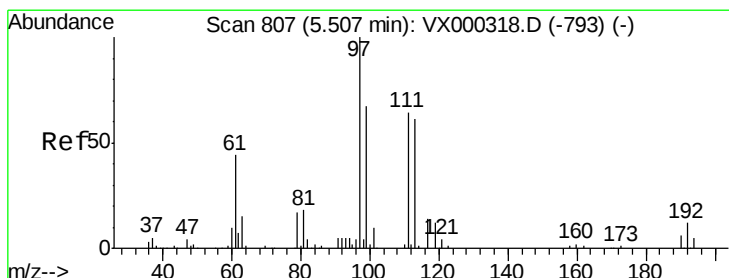
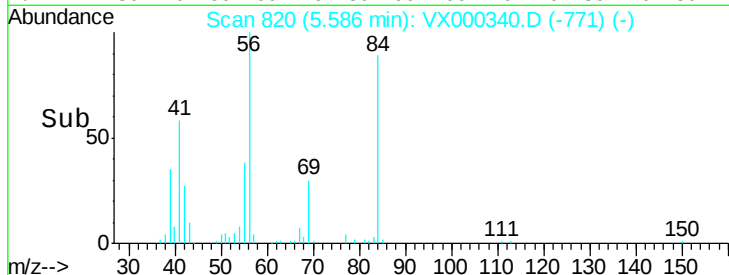
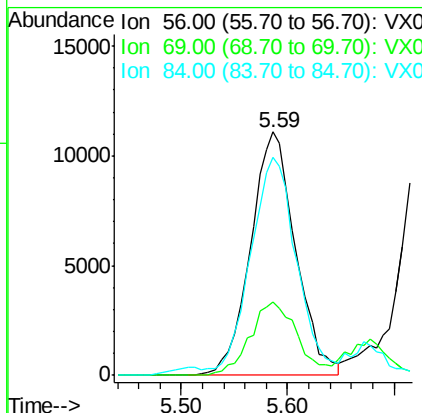
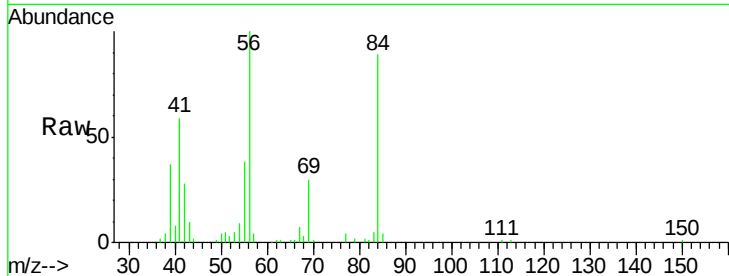
ClientSampleId :

VX0315WBSD01

Tot Ion:	56	Resp:	32657
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.4	35.0
84	85.8	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.22 ug/l

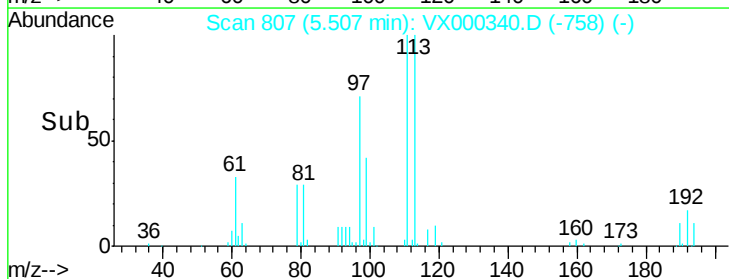
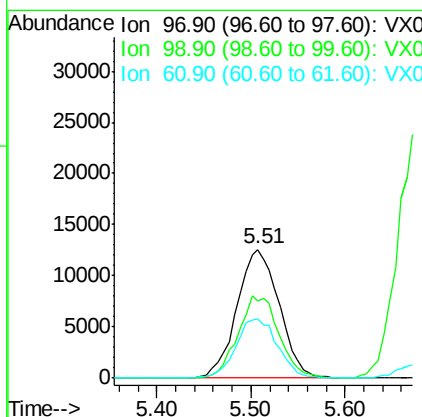
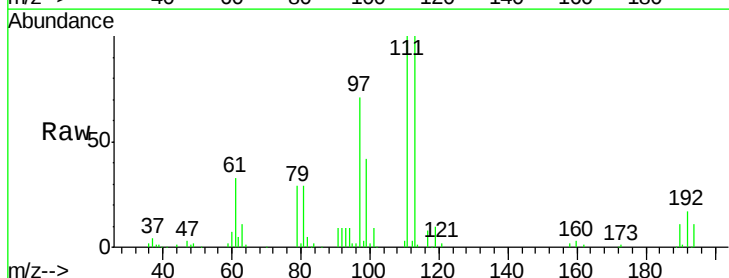
RT: 5.51 min Scan# 807

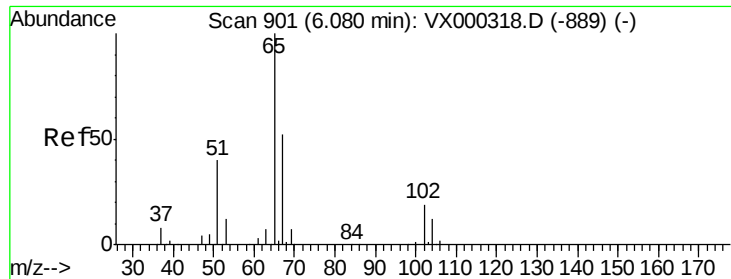
Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	97	Resp:	39308
Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.1	78.1
61	45.7	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 43.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion: 65 Resp: 71939

Ion Ratio Lower Upper

65 100

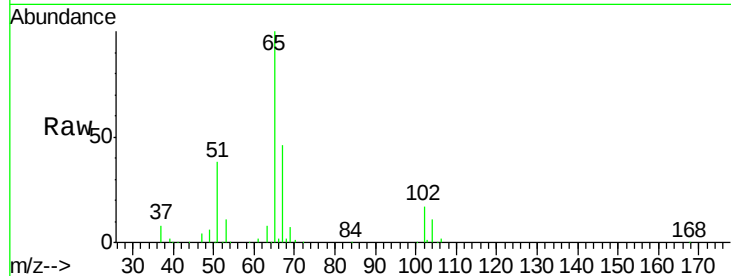
67 50.0 0.0 103.2

Manual Integrations

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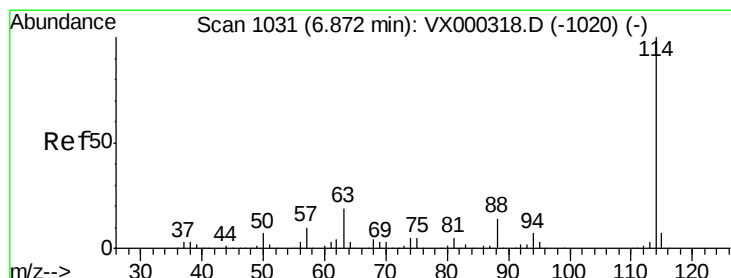
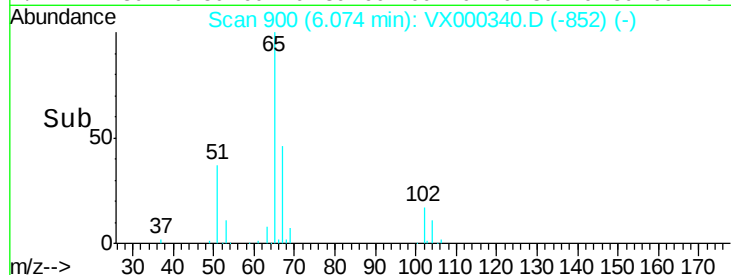
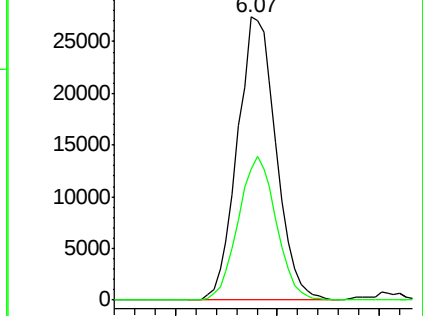
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

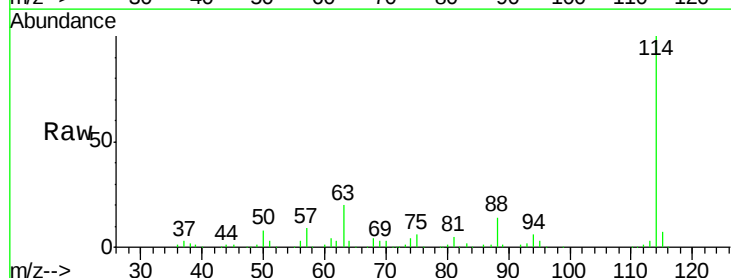
Tgt Ion: 114 Resp: 202883

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

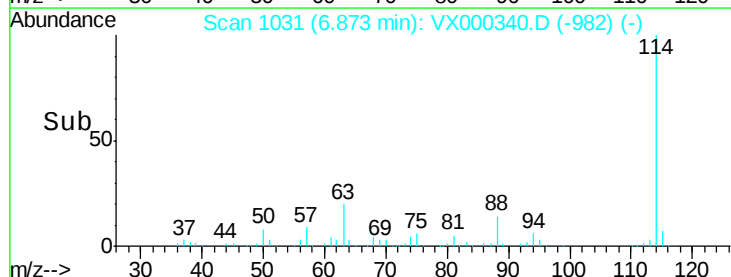
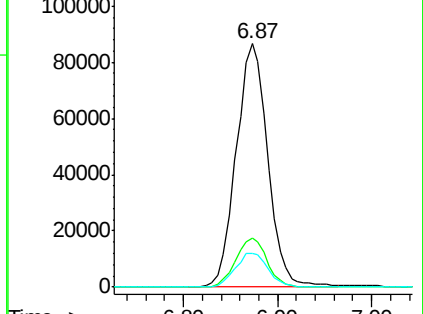
88 13.9 0.0 27.0

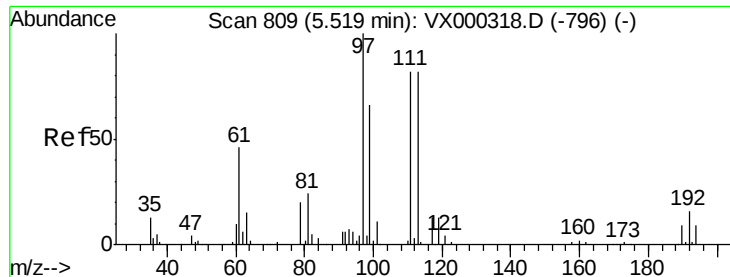


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 43.91 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

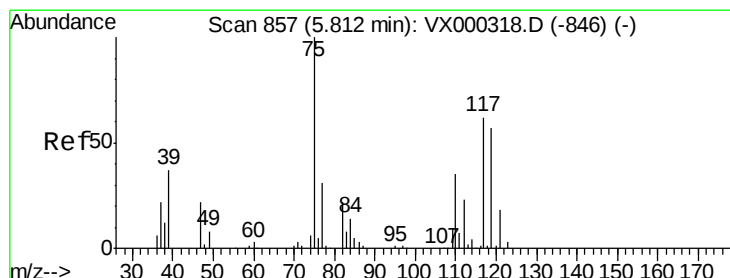
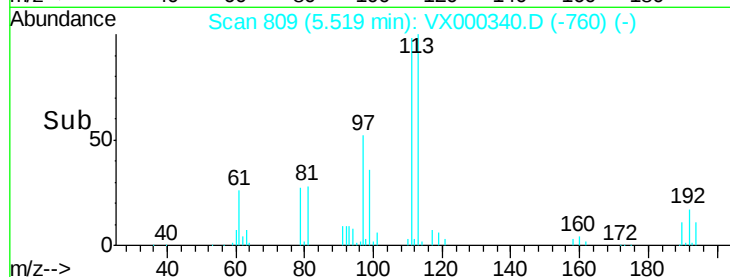
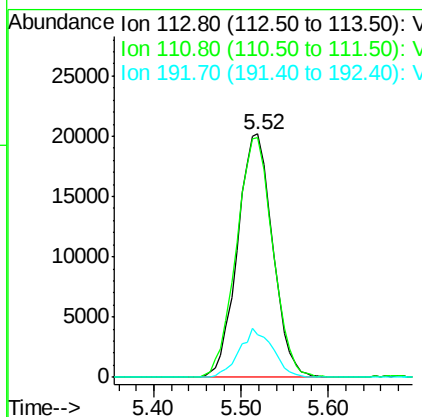
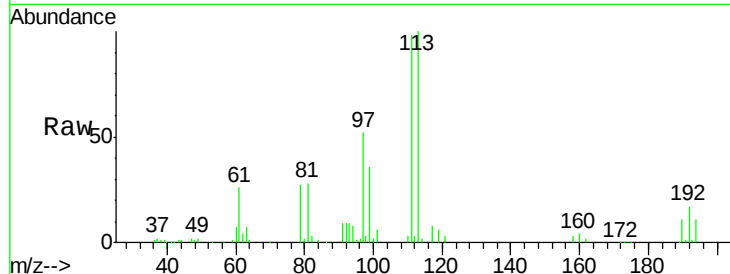
ClientSampleId :

VX0315WBSD01

Tot Ion:	113	Resp:	56206
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	19.1	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 17.15 ug/l

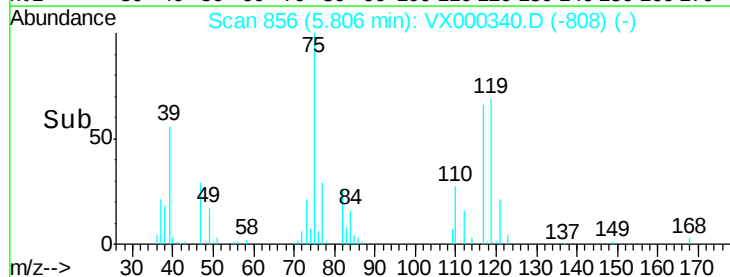
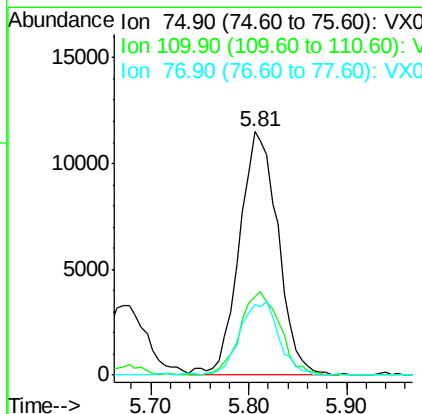
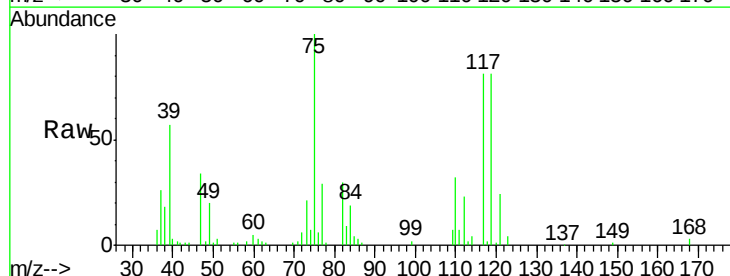
RT: 5.81 min Scan# 856

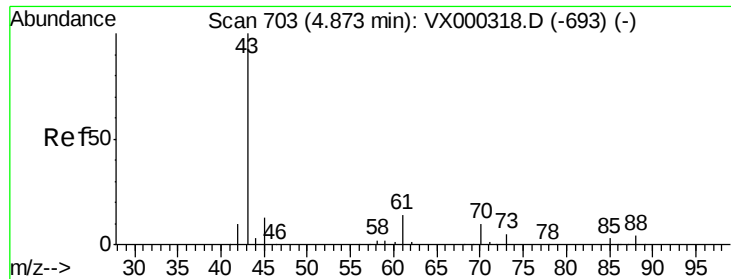
Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	75	Resp:	31613
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.9	53.7
77	30.2	24.0	36.0





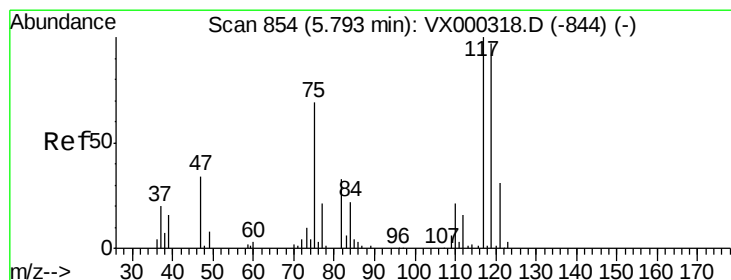
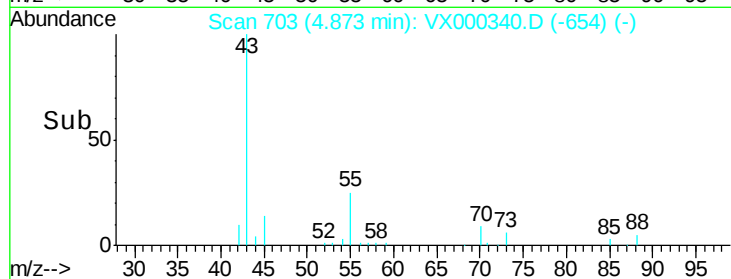
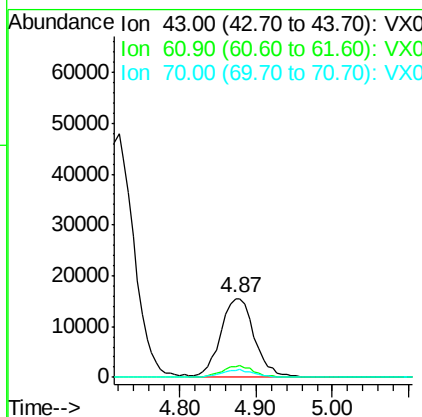
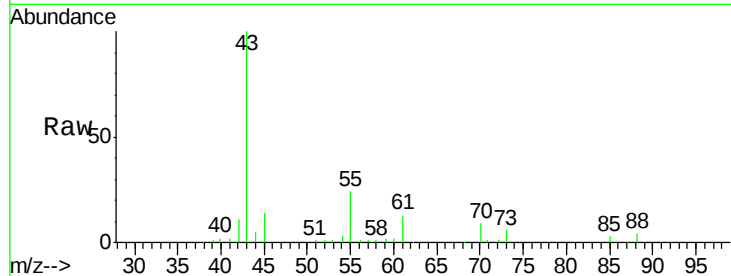
#37
Ethyl Acetate
Concen: 19.38 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	9.1	7.7	11.5

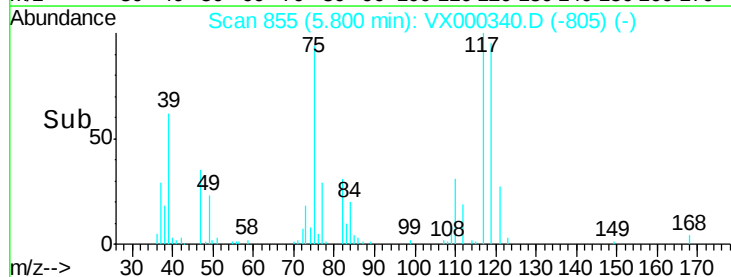
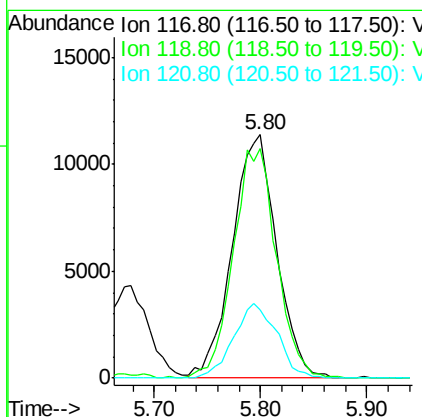
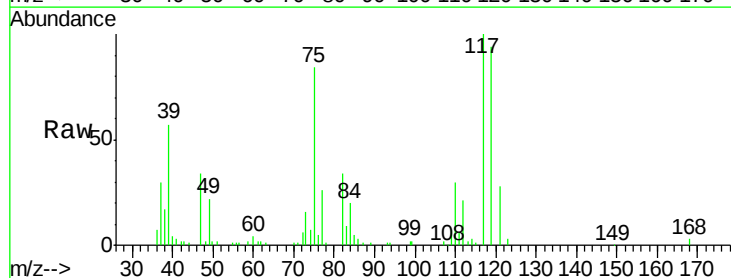
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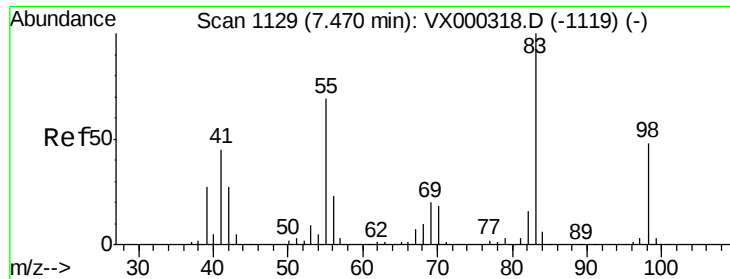
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#38
Carbon Tetrachloride
Concen: 17.89 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.4	116.2
121	28.1	24.8	37.2





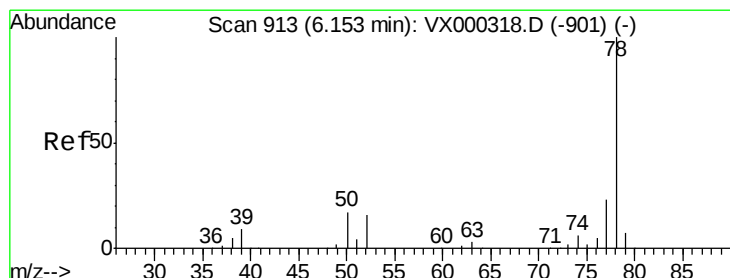
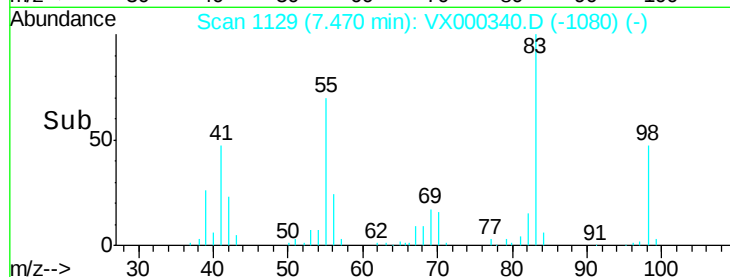
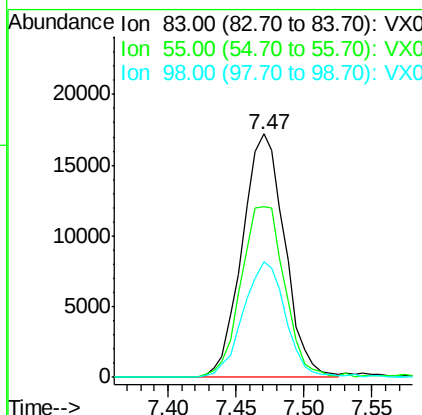
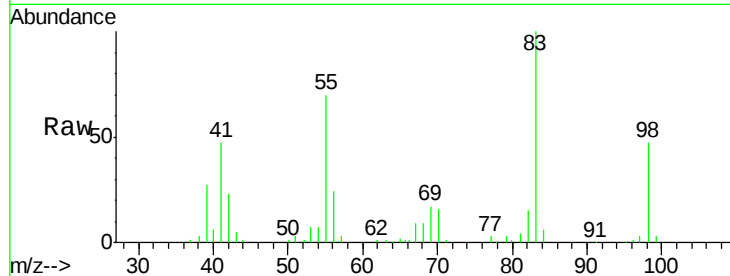
#39
Methvlcvclohexane
Concen: 17.56 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	83	Resp	37747
Ion Ratio	100	Lower	Upper
83	100		
55	70.3	55.5	83.3
98	47.3	38.2	57.4

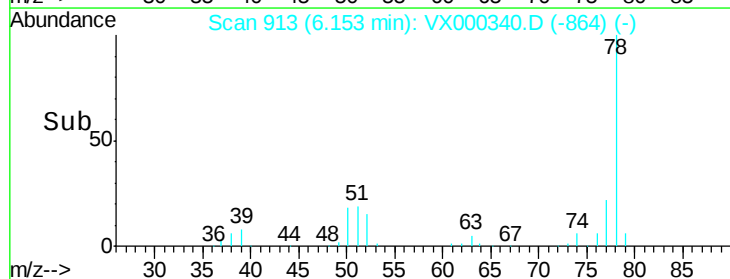
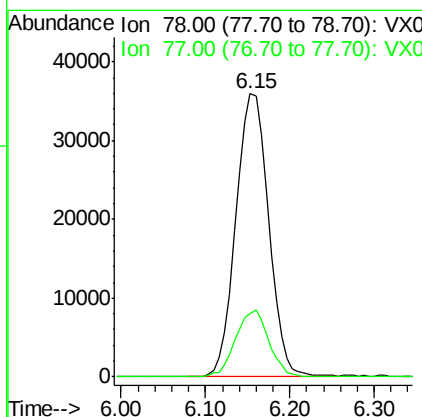
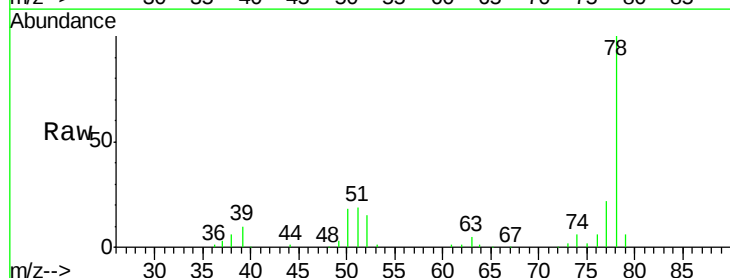
Manual Integrations
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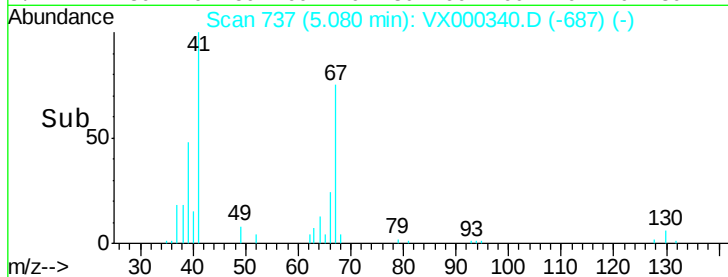
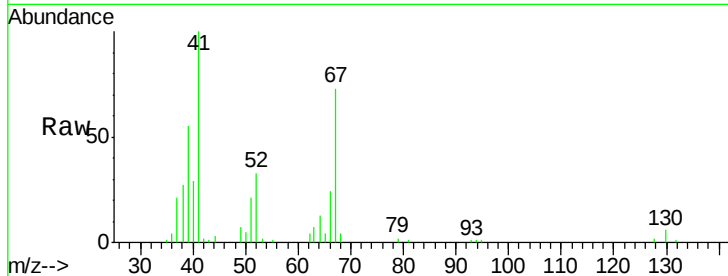
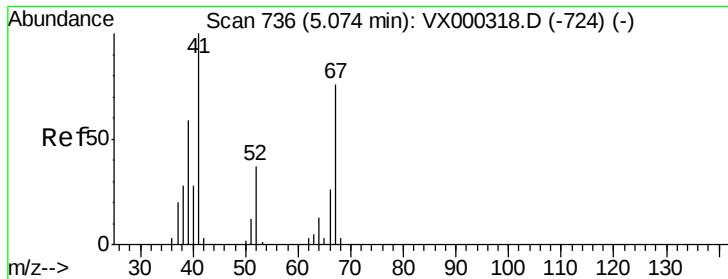
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#40
Benzene
Concen: 18.13 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

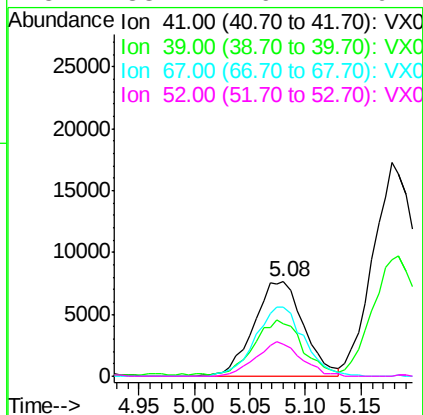
Tgt Ion	78	Resp	94814
Ion Ratio	100	Lower	Upper
78	100		
77	22.5	18.7	28.1





#41
Methacrylonitrile
Concen: 18.53 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

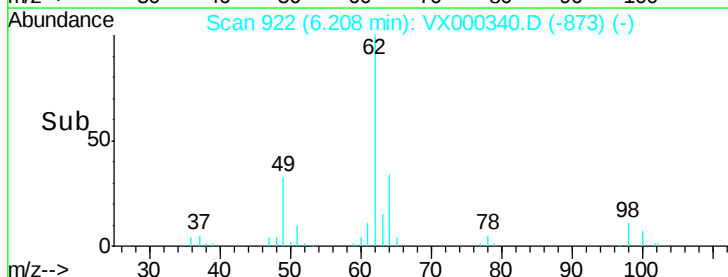
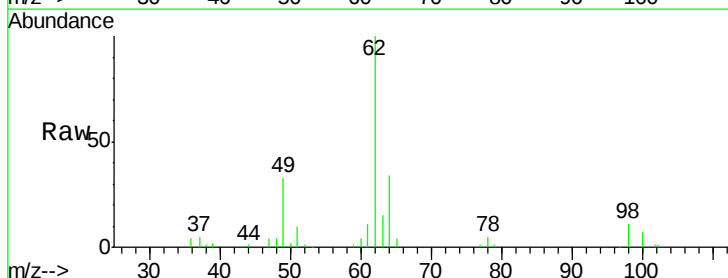
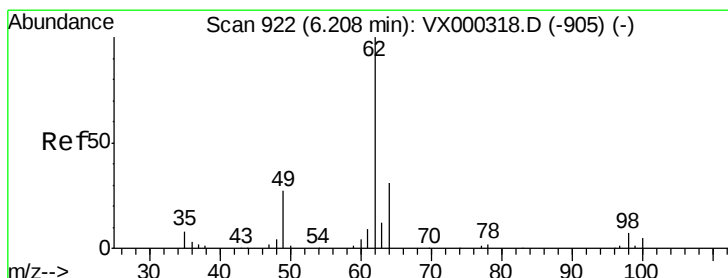
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	23831		
39	39	55.1		45.7	68.5
67	67	71.4		57.8	86.8
52	52	33.1		26.7	40.1



Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

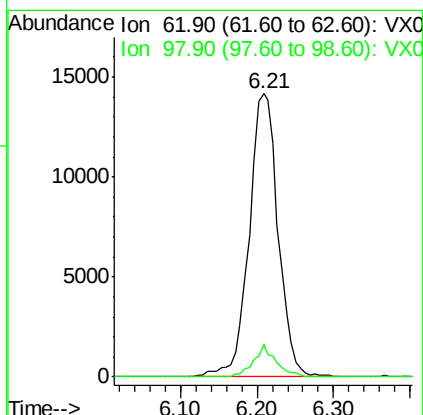
Manual Integrations
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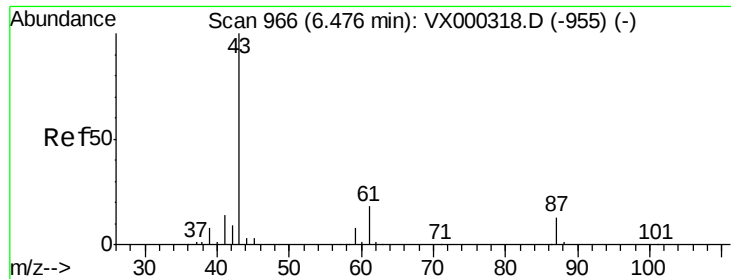
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#42
1,2-Dichloroethane
Concen: 18.07 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	37455		
98	98	8.5		0.0	15.8





#43

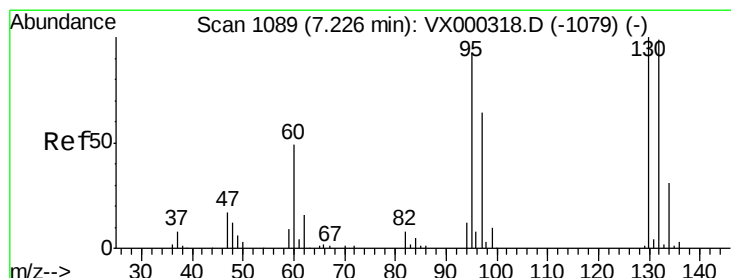
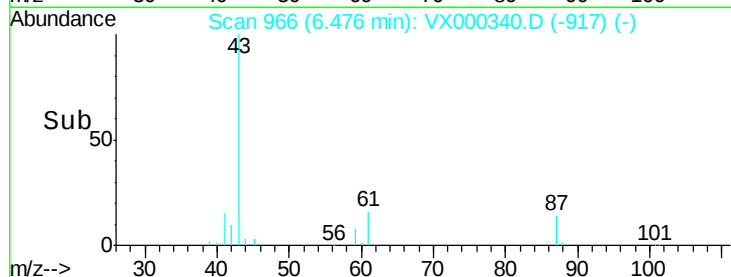
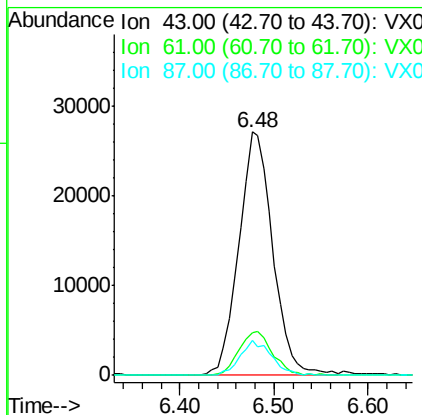
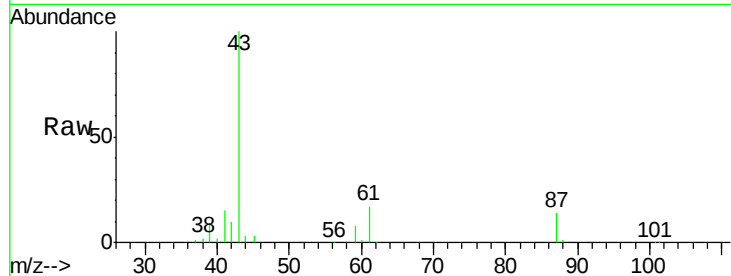
Isopropyl Acetate
 Concen: 19.28 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion	43	61	87
Resp	68183		
Ratio	100	18.1	13.4
Lower		14.4	11.0
Upper		21.6	16.4

Manual Integrations
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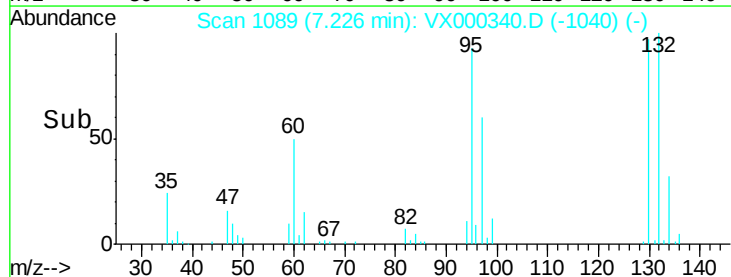
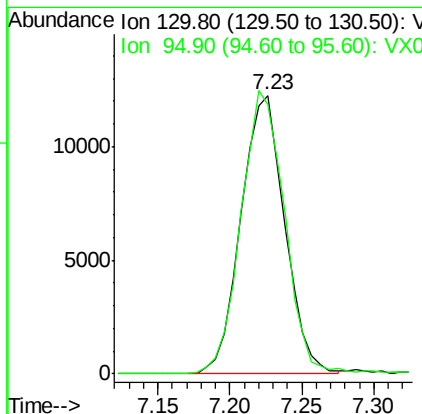
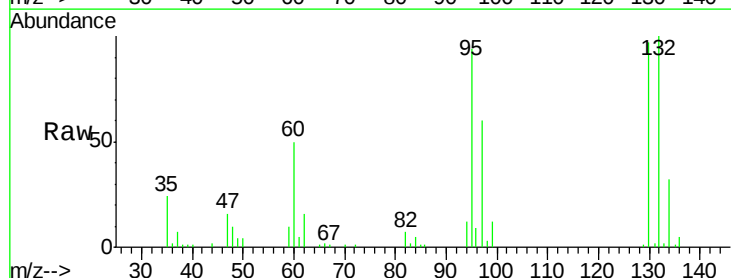
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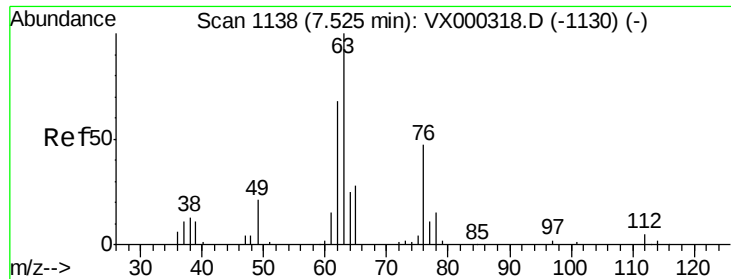


#44

Trichloroethene
 Concen: 17.02 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion	130	95
Resp	25800	
Ratio	100	96.7
Lower		0.0
Upper		186.0





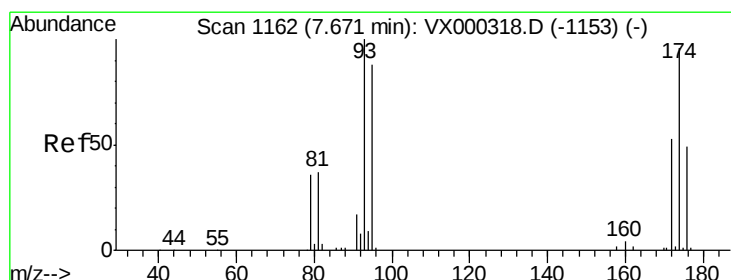
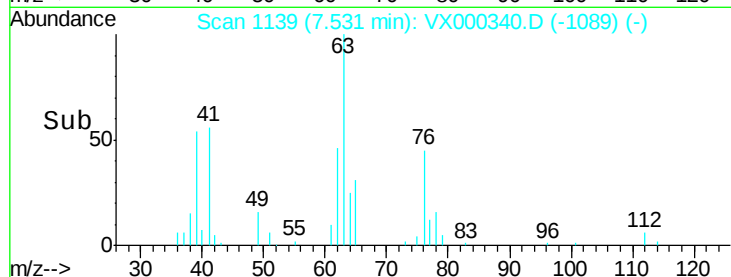
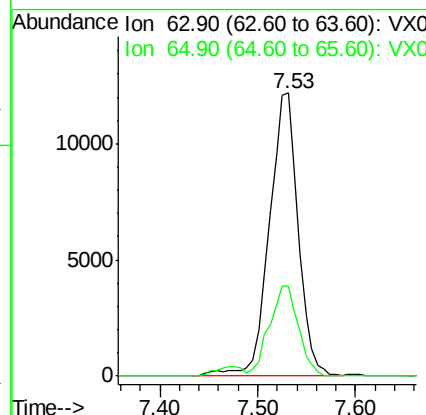
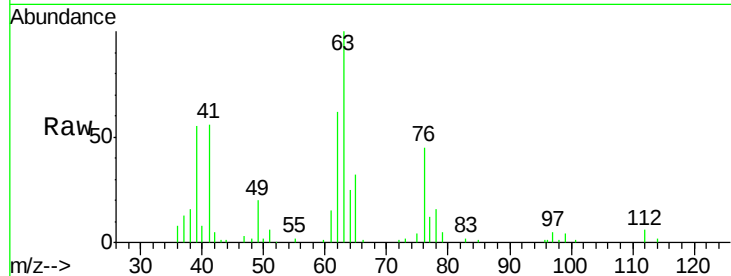
#45
 1,2-Dichloropropane
 Concen: 19.60 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion: 63 Resp: 25278
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 36.8

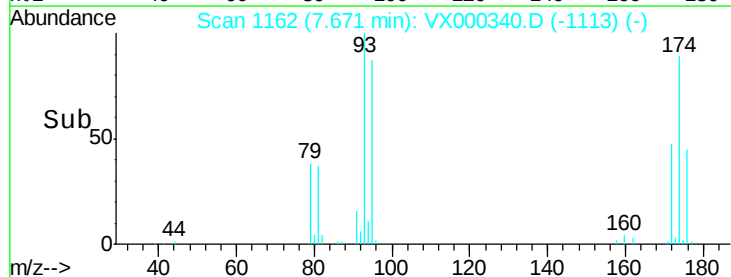
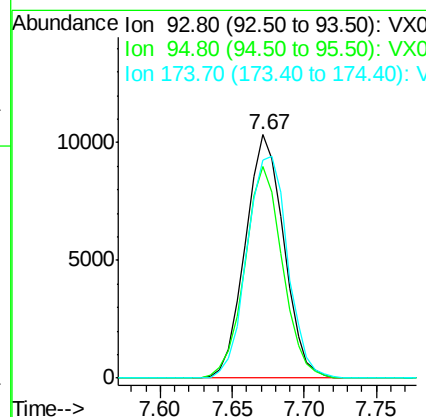
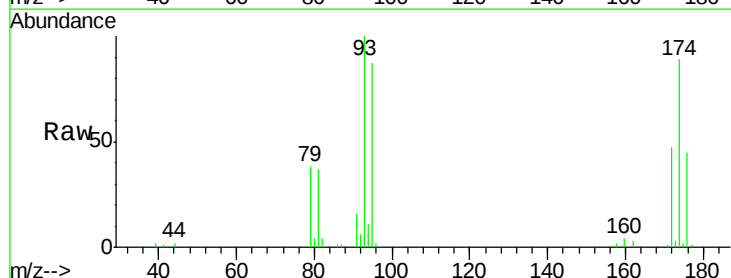
Manual Integrations
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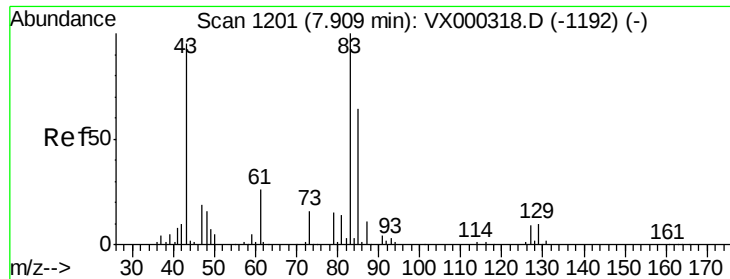
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#46
 Dibromomethane
 Concen: 18.48 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 93 Resp: 19153
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.5 99.7
 174 96.1 76.0 114.0





#47

Bromodichloromethane

Concen: 18.85 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

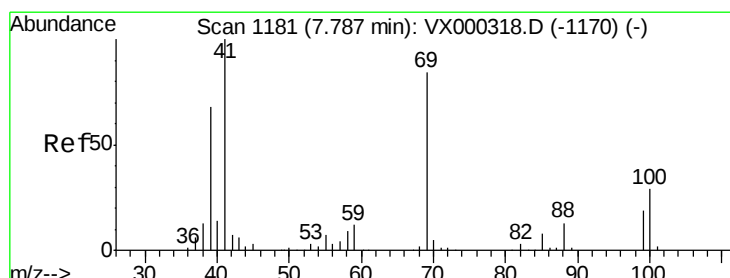
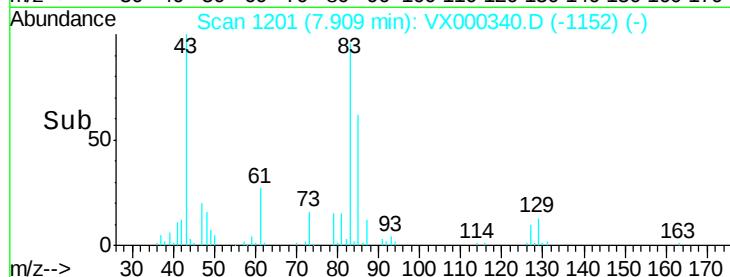
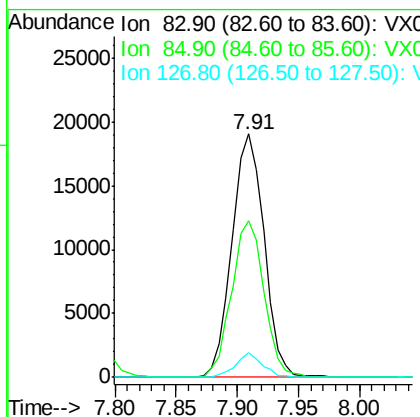
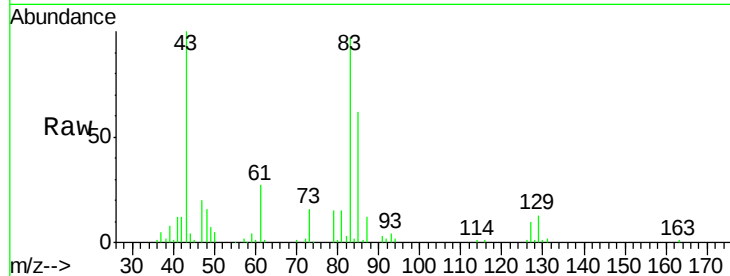
ClientSampleId :

VX0315WBSD01

Tot Ion:	83	Resp:	34665
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	10.1	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.37 ug/l

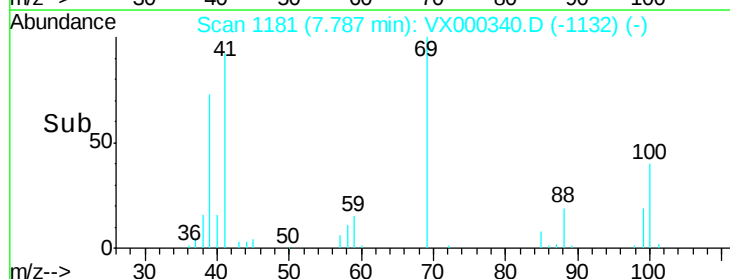
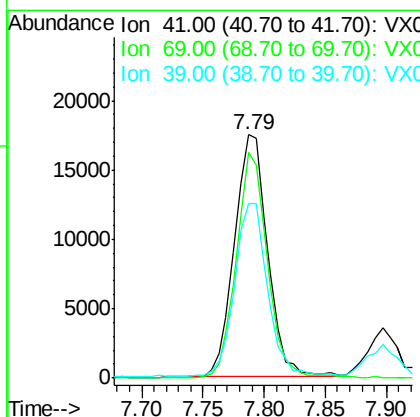
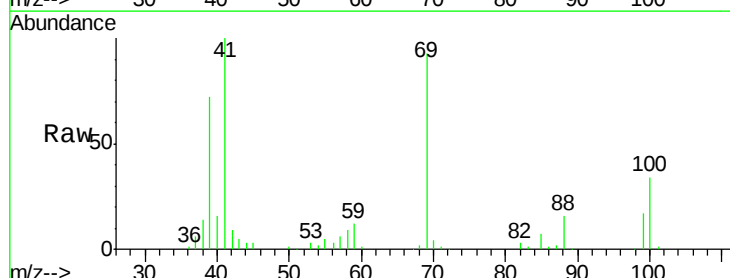
RT: 7.79 min Scan# 1181

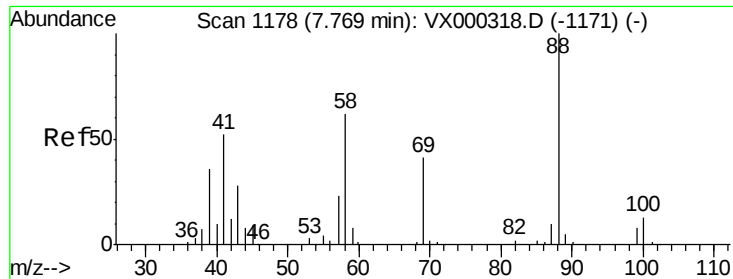
Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	41	Resp:	32836
Ion	Ratio	Lower	Upper
41	100		
69	86.9	68.2	102.4
39	70.7	54.6	81.8





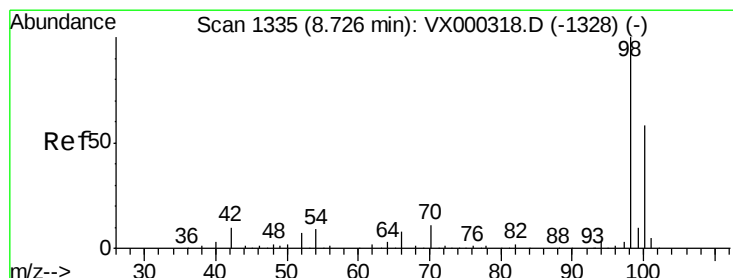
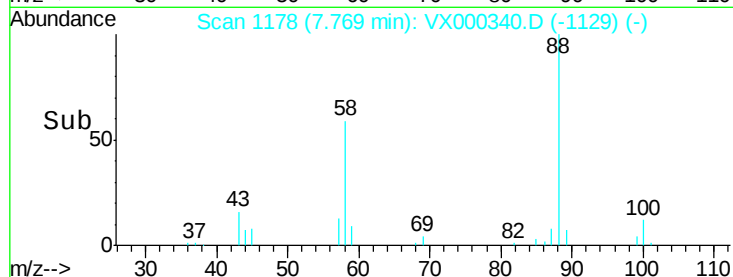
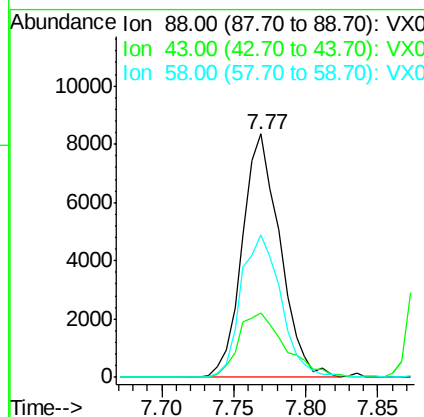
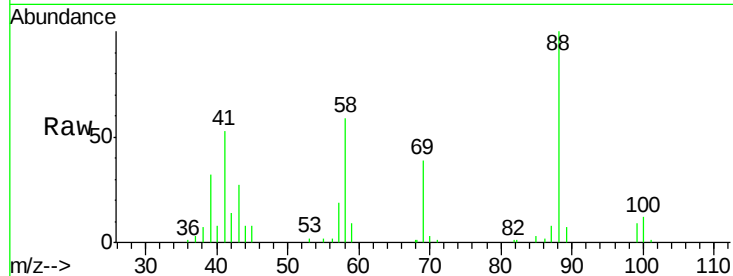
#49
1,4-Dioxane
Concen: 375.80 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.8	40.2
58	62.6	52.2	78.2

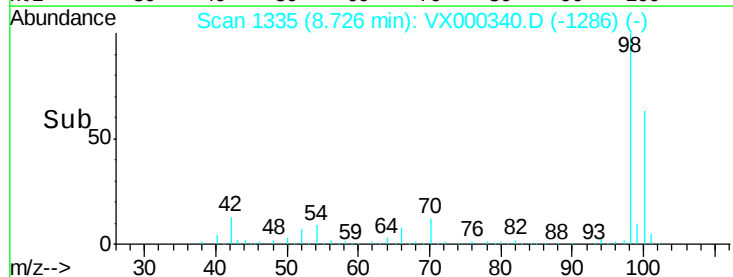
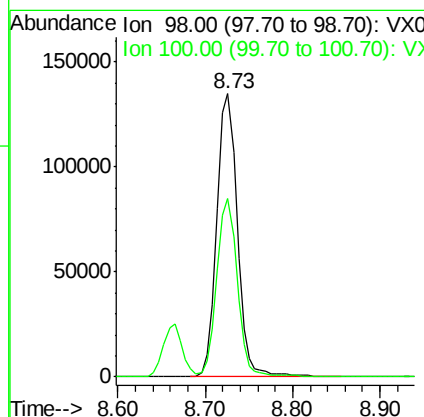
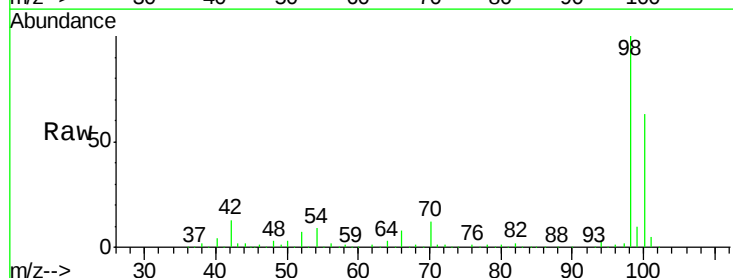
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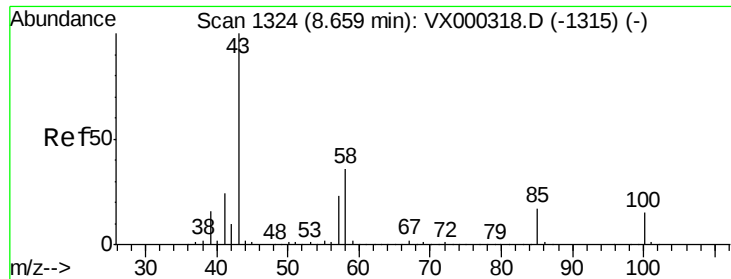
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#50
Toluene-d8
Concen: 41.33 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 99.61 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion: 43 Resp: 273542

Ion Ratio Lower Upper

43 100

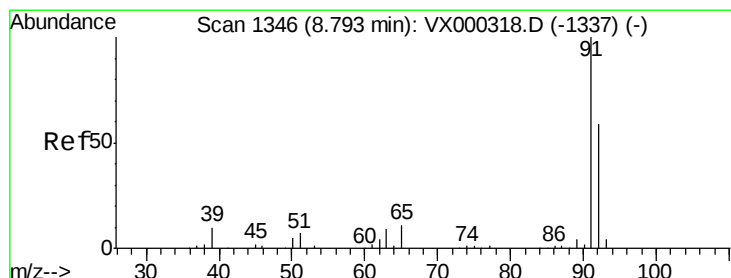
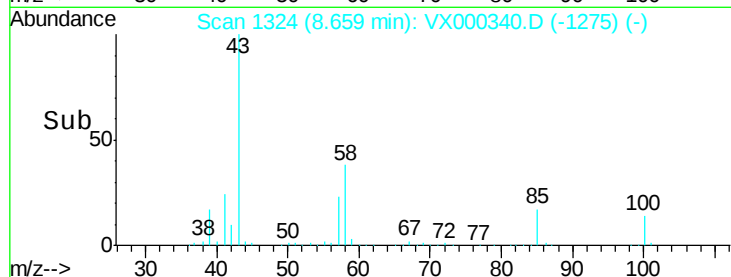
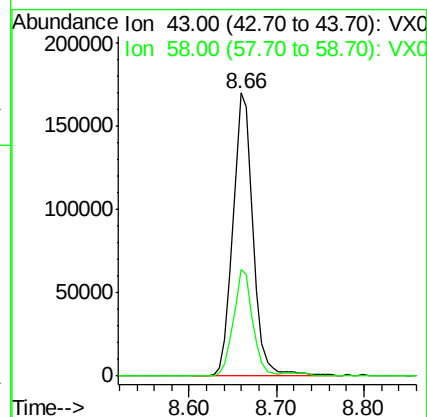
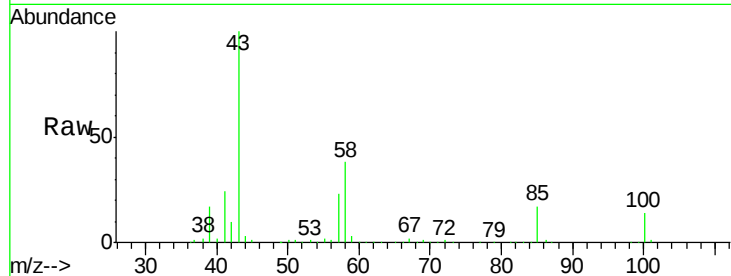
58 35.8 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 17.33 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000340.D

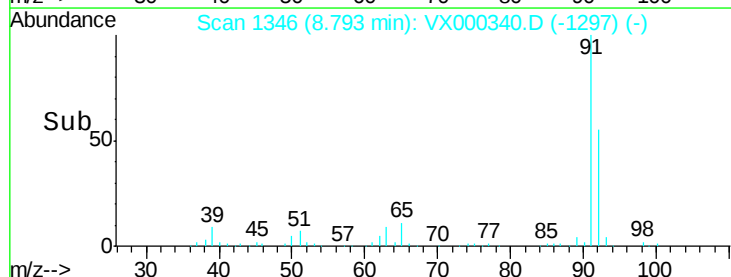
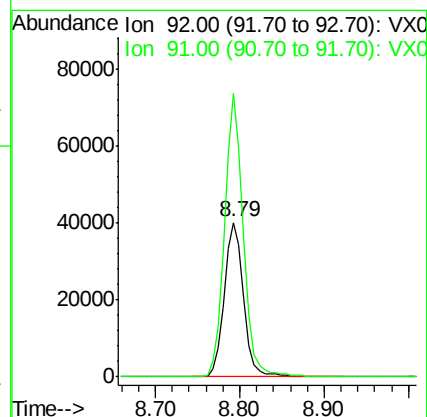
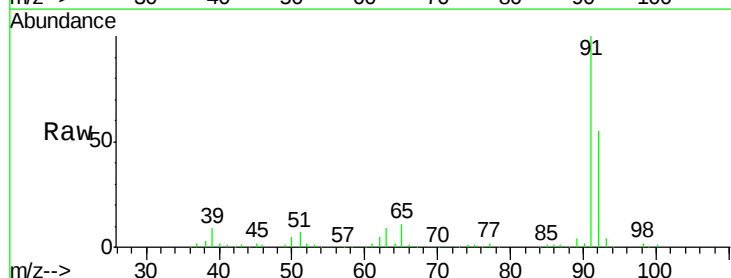
Acq: 15 Mar 2018 20:09

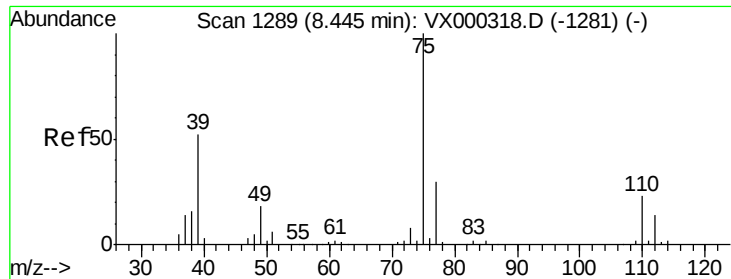
Tgt Ion: 92 Resp: 63682

Ion Ratio Lower Upper

92 100

91 178.3 140.2 210.2





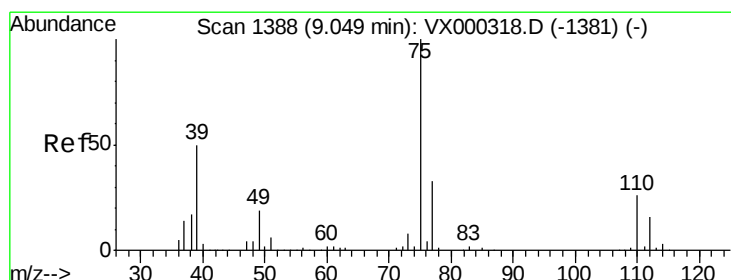
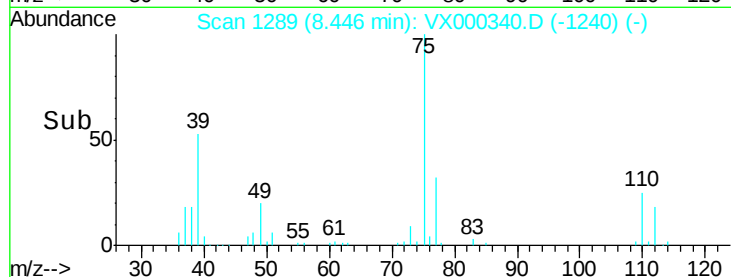
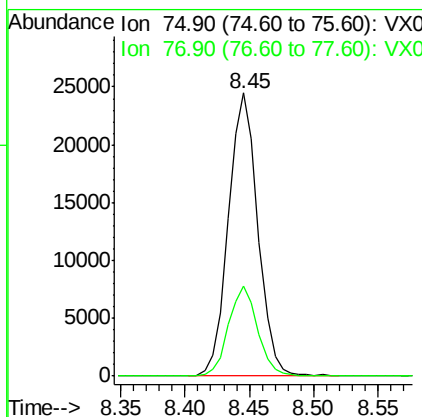
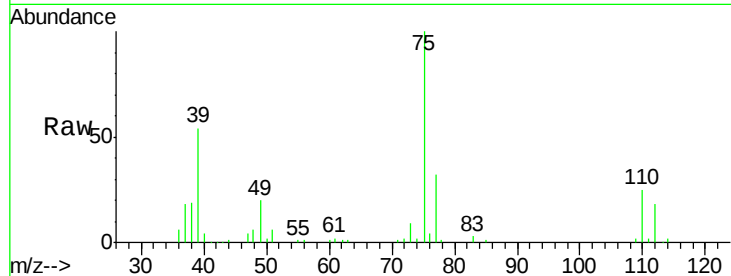
#53
 t-1,3-Dichloropropene
 Concen: 18.43 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion: 75 Resp: 39122
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.0 36.0

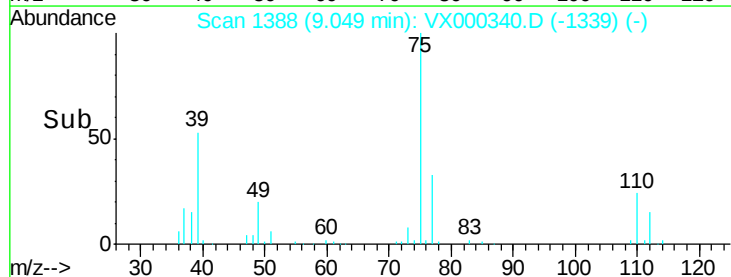
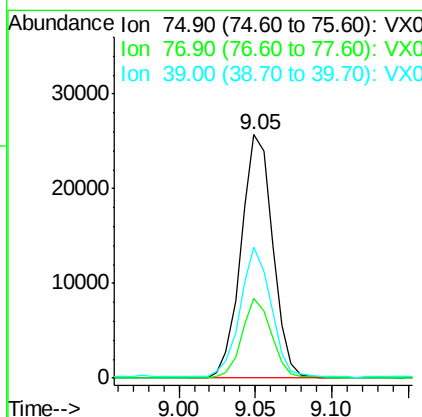
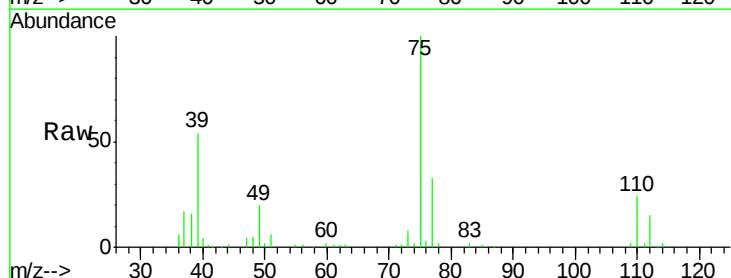
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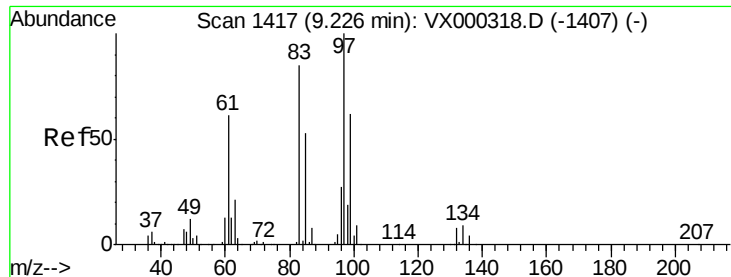
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#54
 cis-1,3-Dichloropropene
 Concen: 17.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 75 Resp: 36989
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.1 39.1
 39 53.1 39.8 59.6





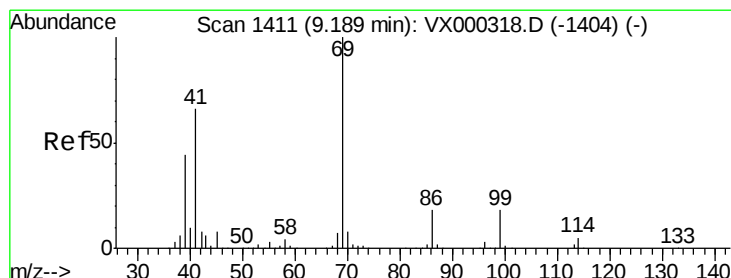
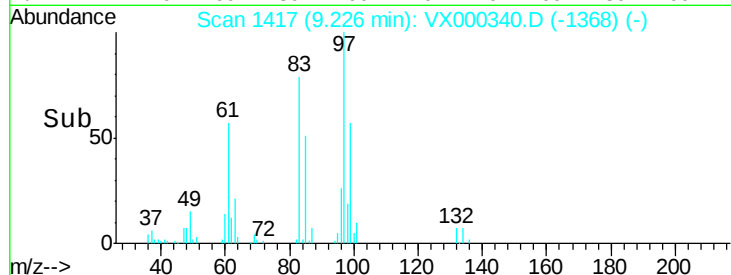
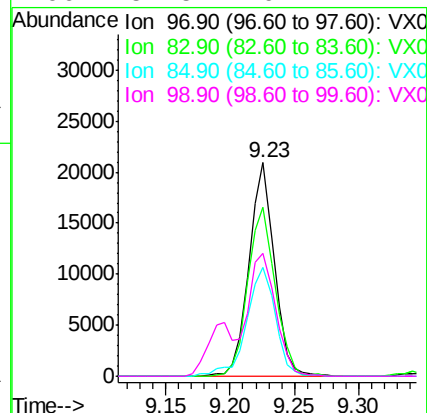
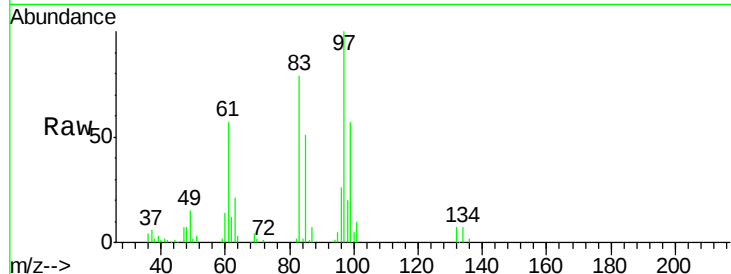
#55
 1,1,2-Trichloroethane
 Concen: 19.17 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion:	97	Resp:	28264
Ion	Ratio	Lower	Upper
97	100		
83	79.3	67.9	101.9
85	51.0	42.8	64.2
99	57.5	49.4	74.2

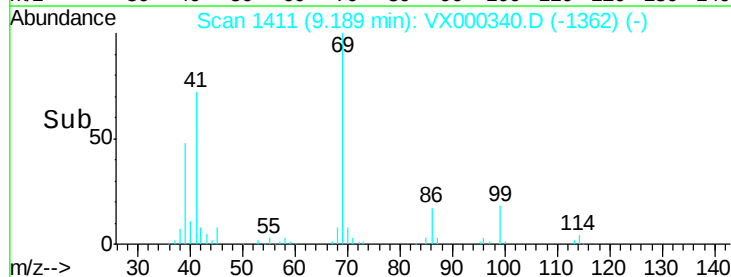
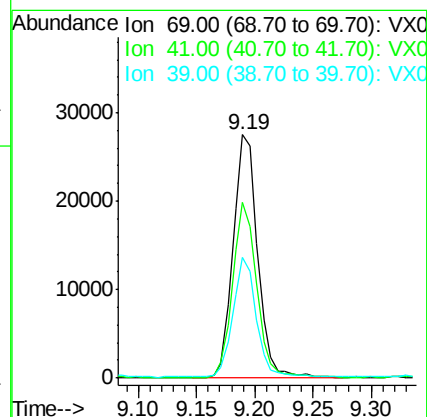
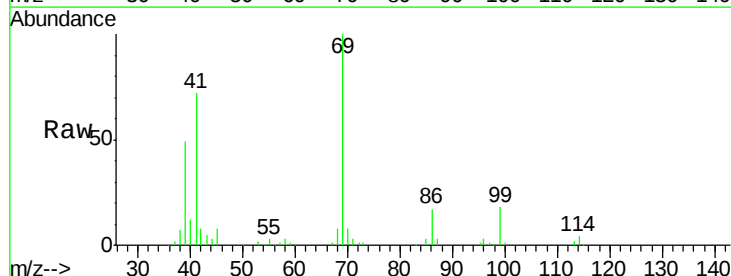
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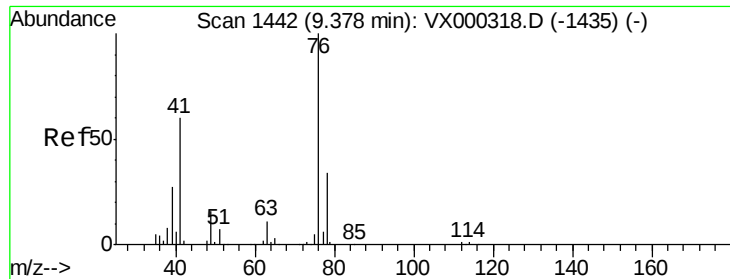
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#56
 Ethyl methacrylate
 Concen: 18.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion:	69	Resp:	40570
Ion	Ratio	Lower	Upper
69	100		
41	71.6	53.0	79.6
39	46.8	35.3	52.9





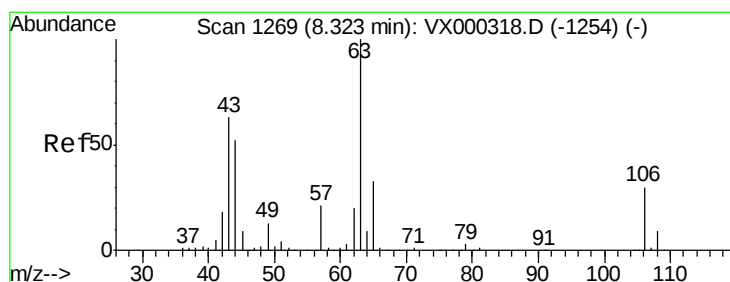
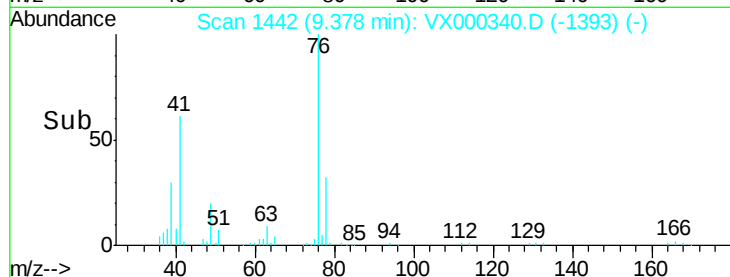
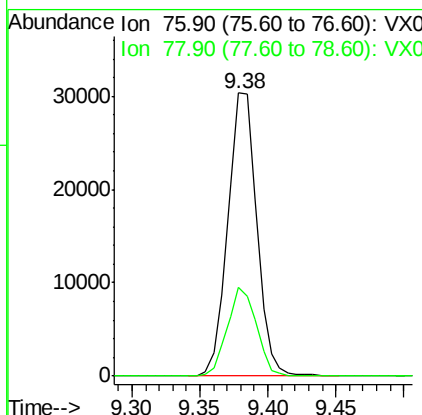
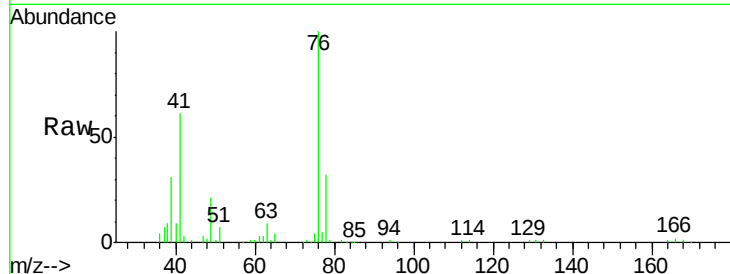
#57
 1,3-Dichloropropane
 Concen: 18.85 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion: 76 Resp: 45024
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.4 39.6

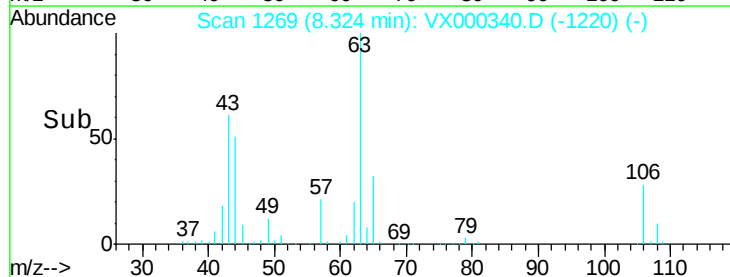
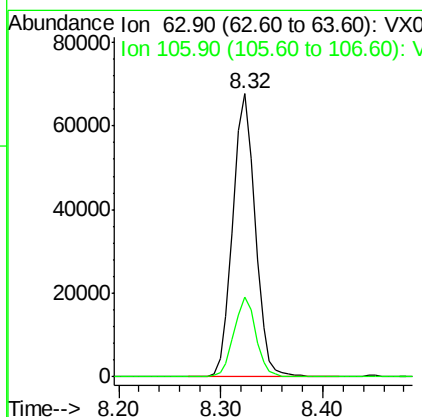
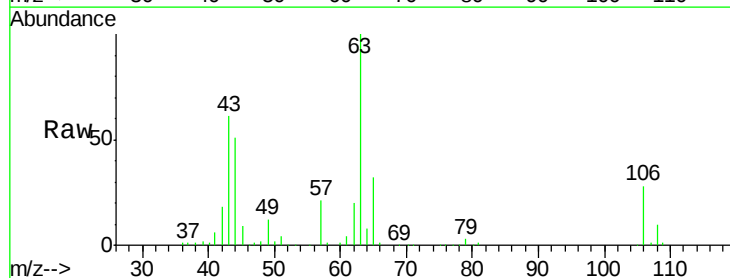
Manual Integrations
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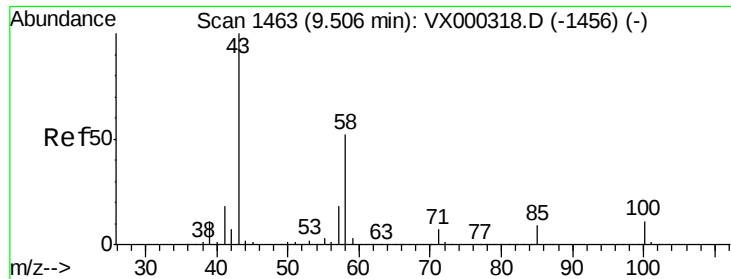
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.51 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 63 Resp: 103101
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8





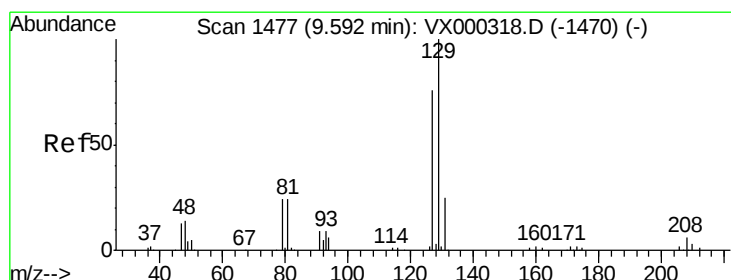
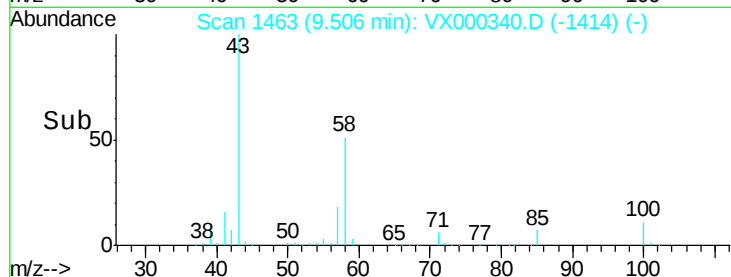
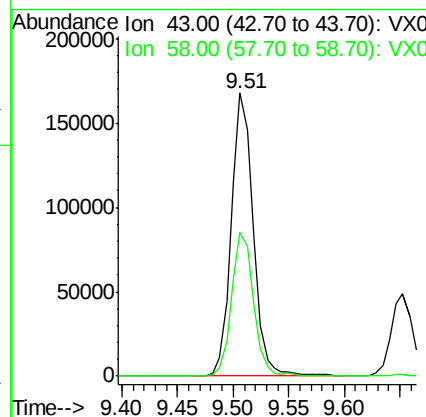
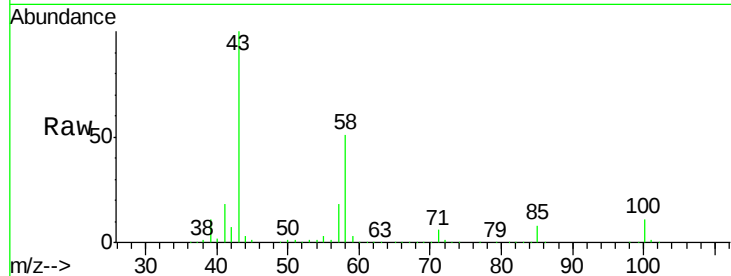
#59
2-Hexanone
Concen: 99.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion: 43 Resp: 229074
Ion Ratio Lower Upper
43 100
58 51.2 26.6 79.7

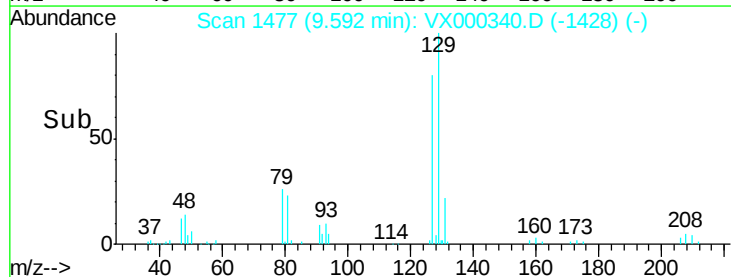
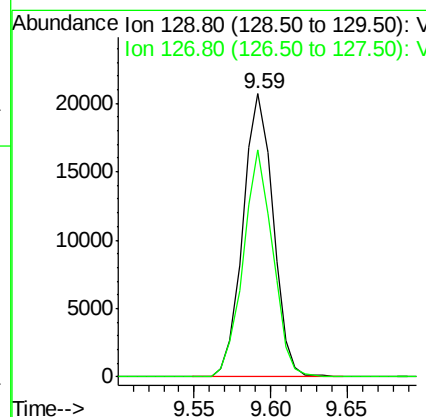
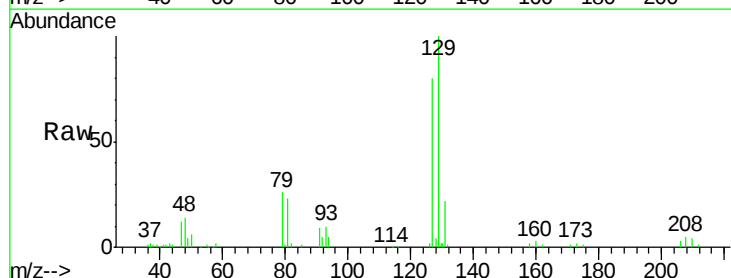
Manual Integrations
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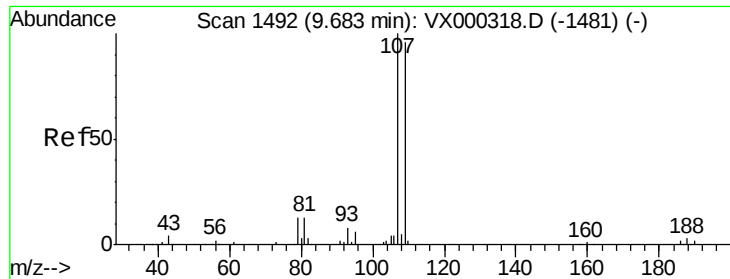
apatel
3/16/2018 3:43:26 PM



#60
Dibromochloromethane
Concen: 18.21 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 129 Resp: 28391
Ion Ratio Lower Upper
129 100
127 78.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 17.76 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion:107 Resp: 29028

Ion Ratio Lower Upper

107 100

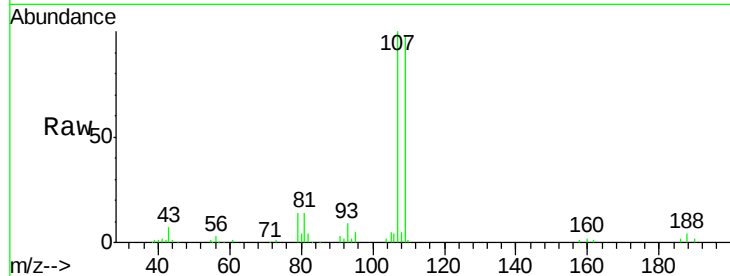
109 96.9 76.1 114.1

Manual Integrations

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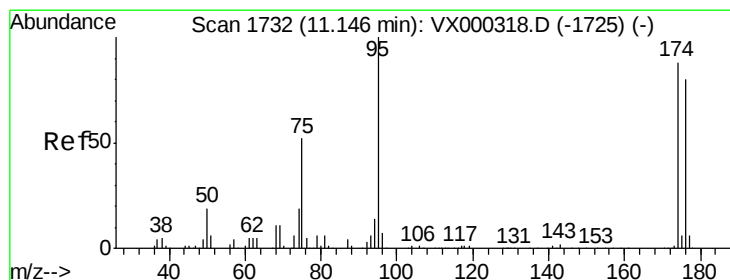
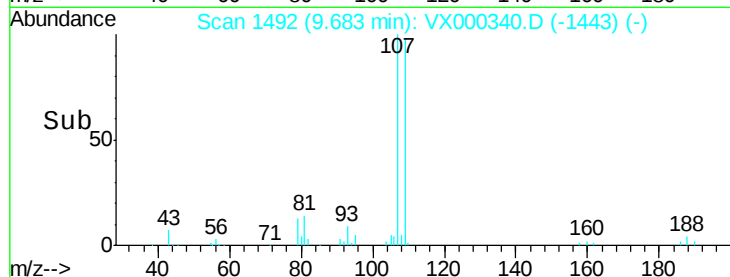
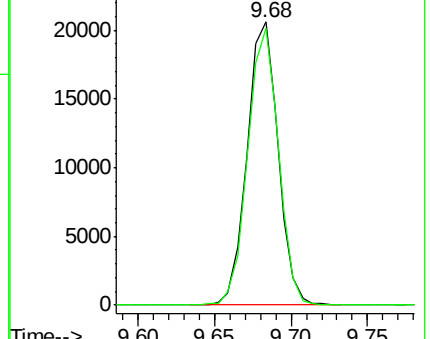
apatel

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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: 38.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

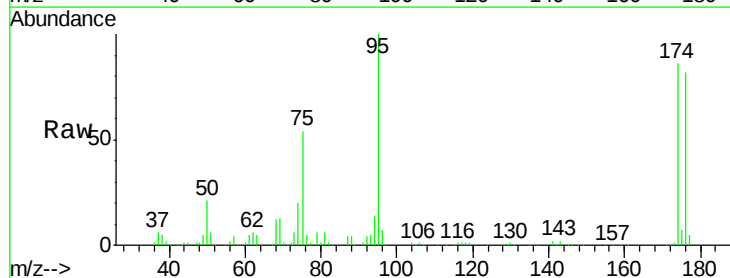
Tgt Ion: 95 Resp: 83058

Ion Ratio Lower Upper

95 100

174 85.7 0.0 173.6

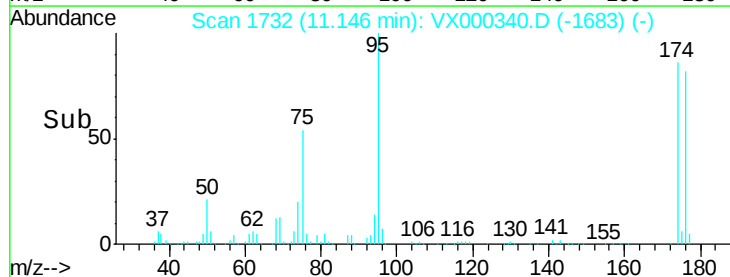
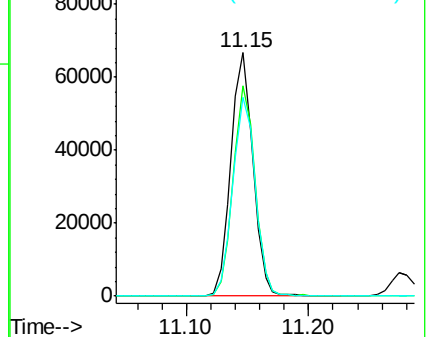
176 83.5 0.0 164.6

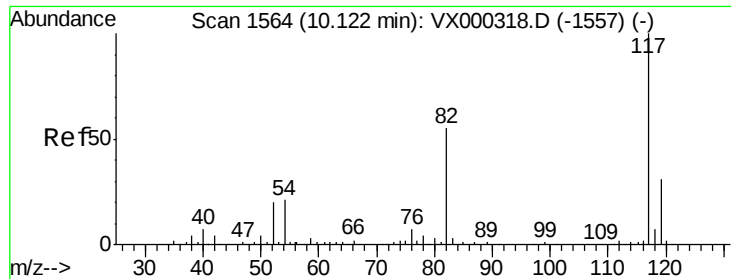


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





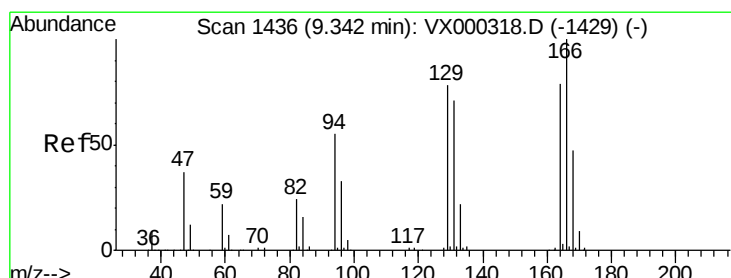
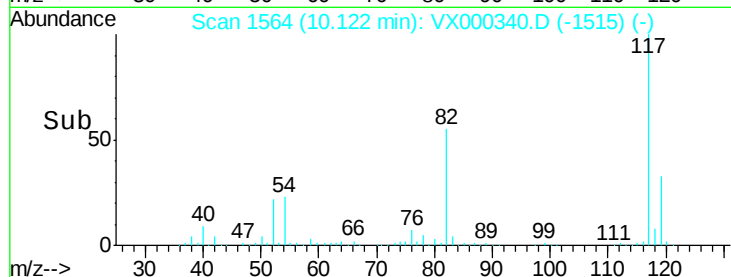
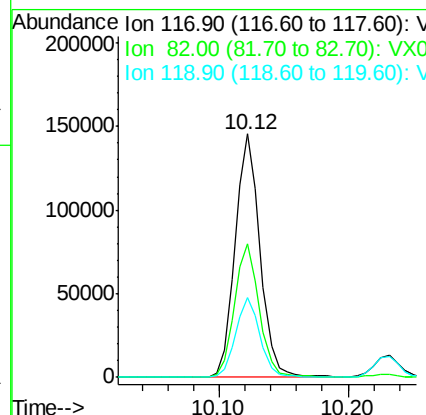
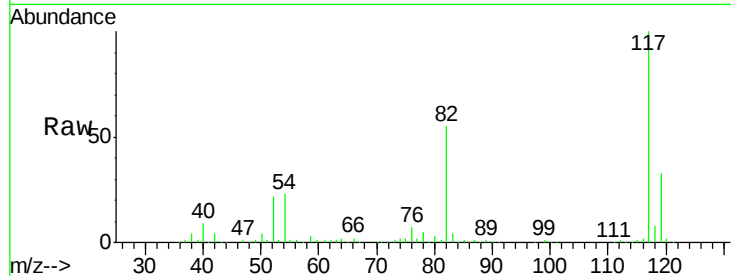
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	32.8	24.9	37.3

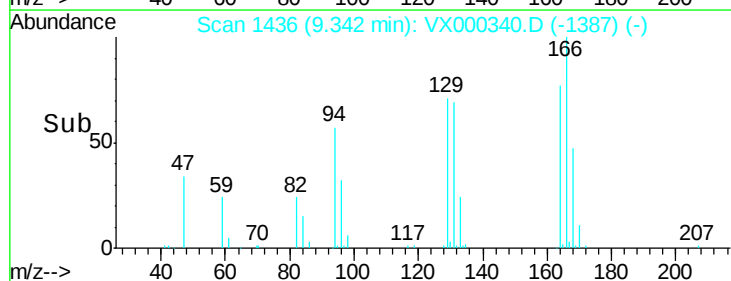
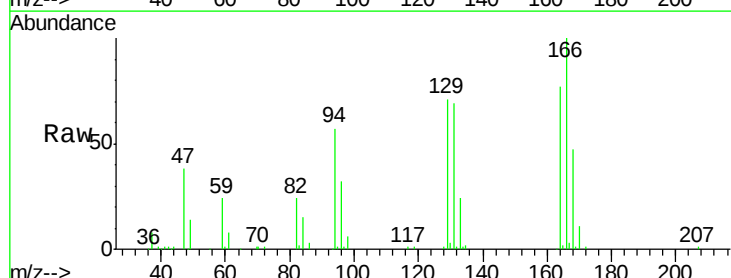
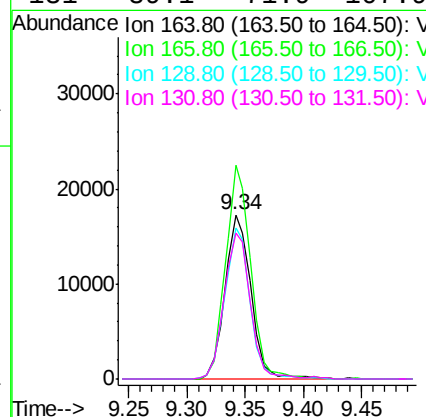
Manual Integrations
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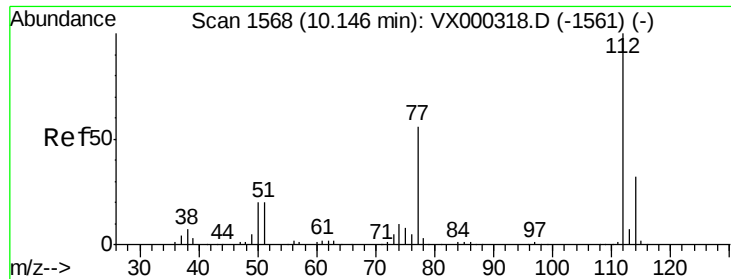
apatel
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#64
Tetrachloroethene
Concen: 19.52 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	101.0	151.6
129	91.8	79.0	118.4
131	89.1	71.9	107.9





#65

Chlorobenzene

Concen: 18.85 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion:112 Resp: 75774

Ion Ratio Lower Upper

112 100

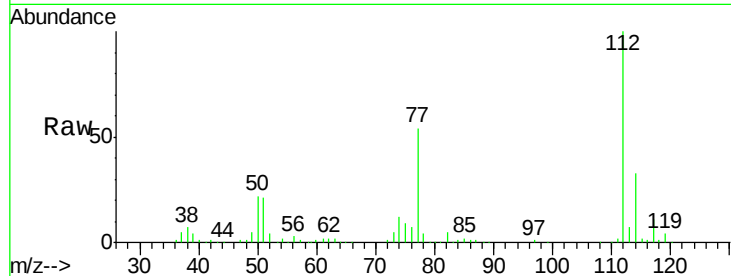
114 32.5 25.7 38.5

Manual Integrations

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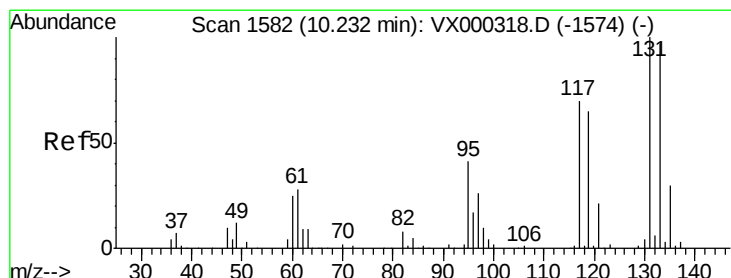
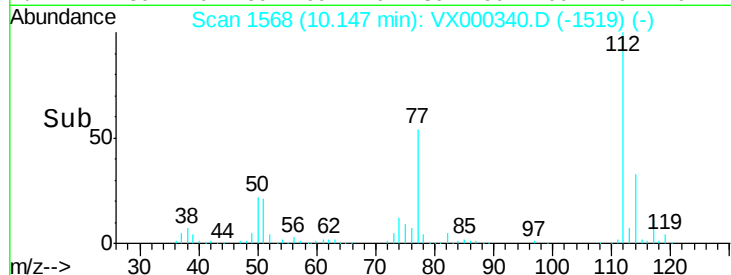
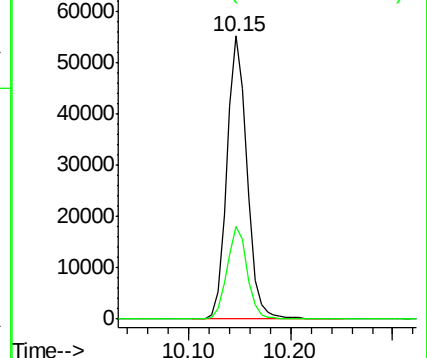
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.74 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

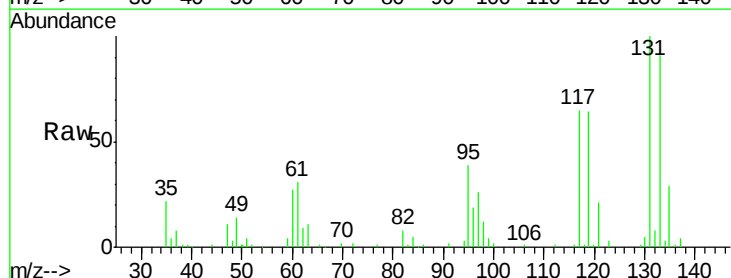
Tgt Ion:131 Resp: 26681

Ion Ratio Lower Upper

131 100

133 96.0 47.1 141.3

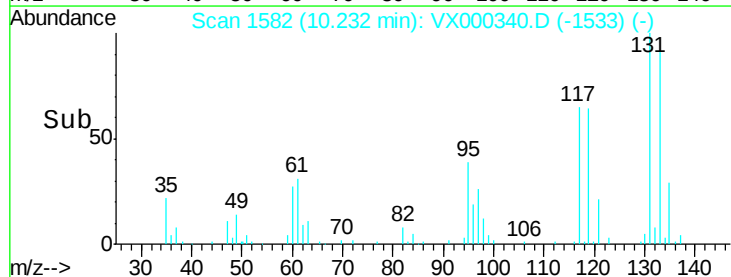
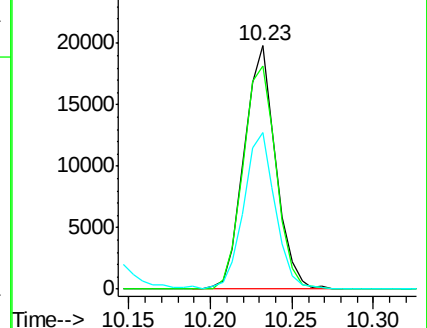
119 64.5 33.1 99.2

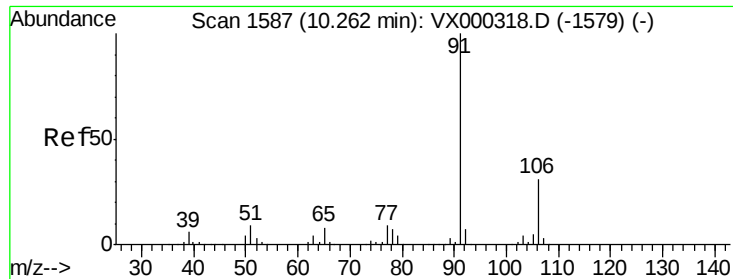


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





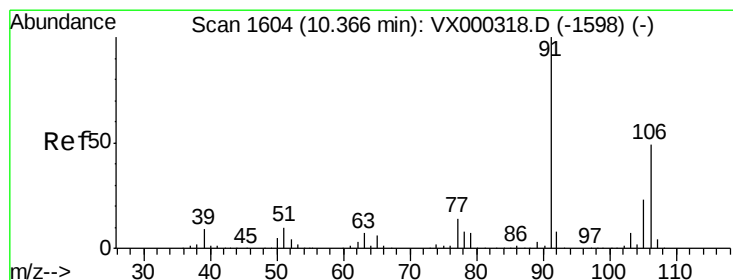
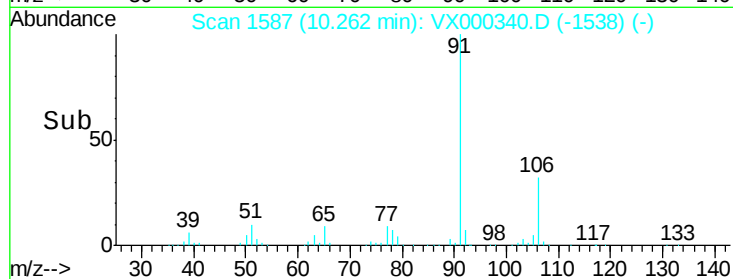
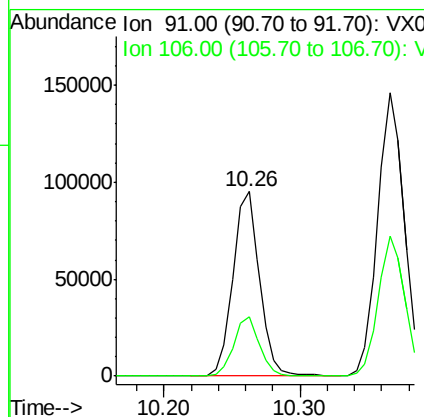
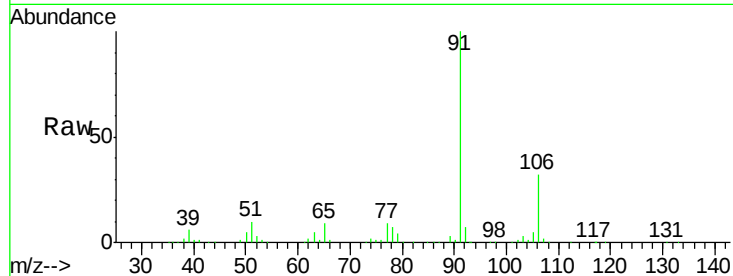
#67
Ethyl Benzene
Concen: 18.85 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion: 91 Resp: 129207
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6

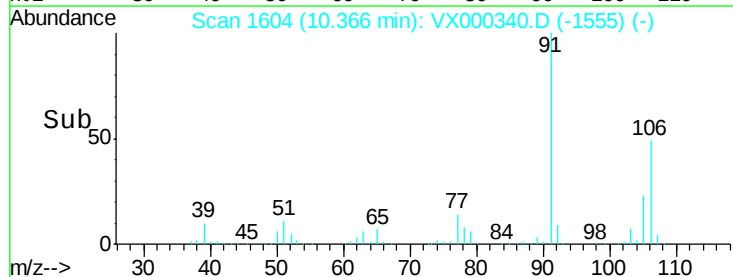
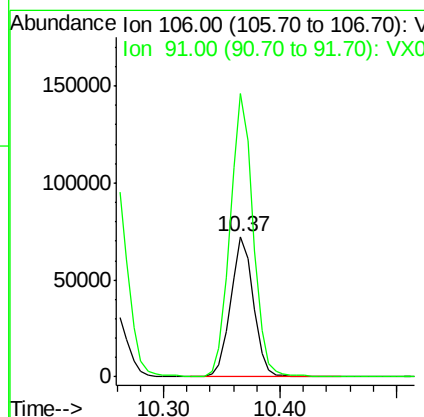
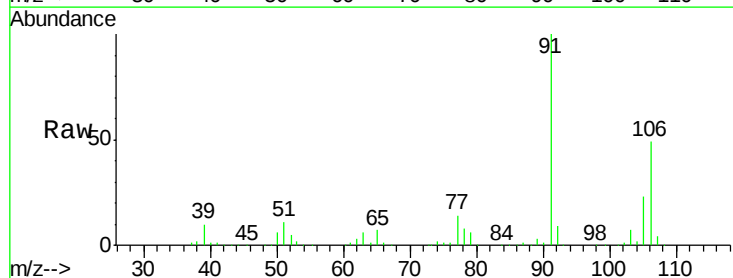
Manual Integrations
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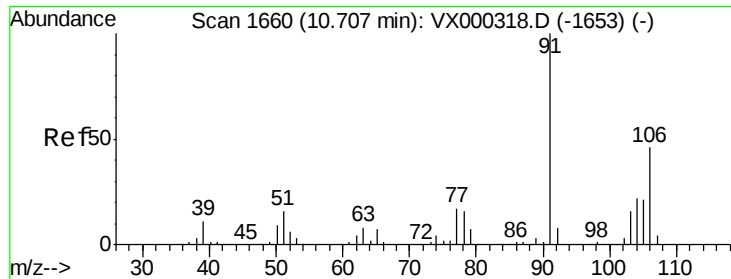
apatel
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#68
m/p-Xylenes
Concen: 36.86 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 106 Resp: 98427
Ion Ratio Lower Upper
106 100
91 202.2 163.4 245.2





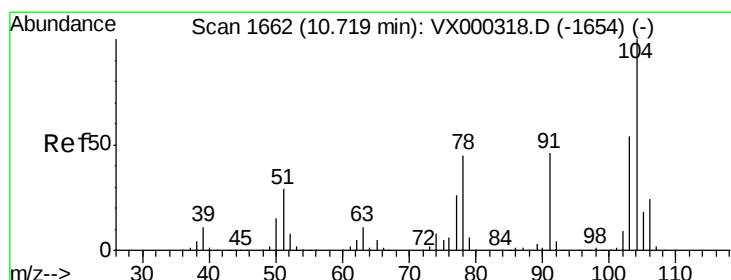
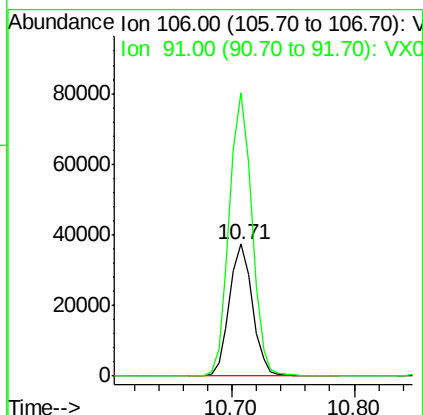
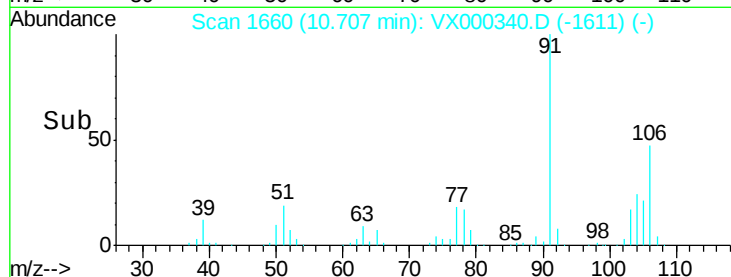
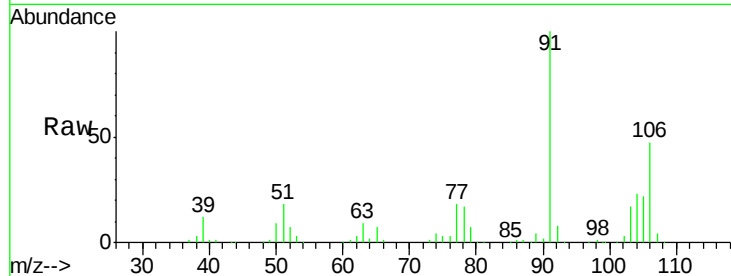
#69
o-Xylene
Concen: 18.85 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion:106 Resp: 48893
Ion Ratio Lower Upper
106 100
91 211.5 106.5 319.6

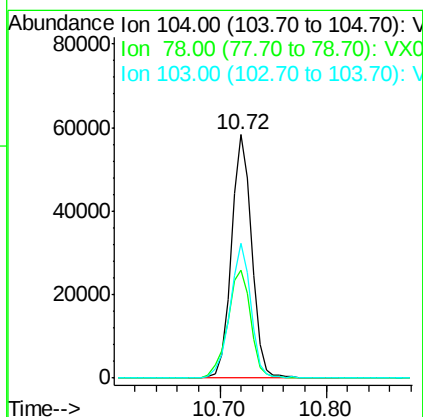
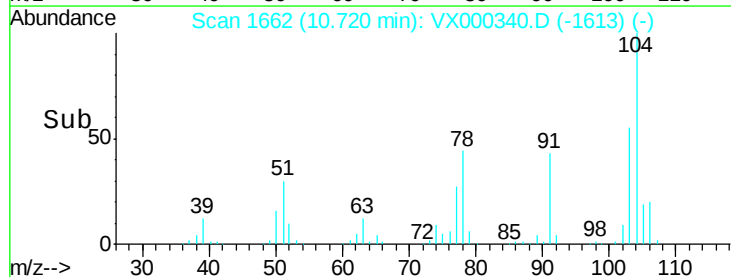
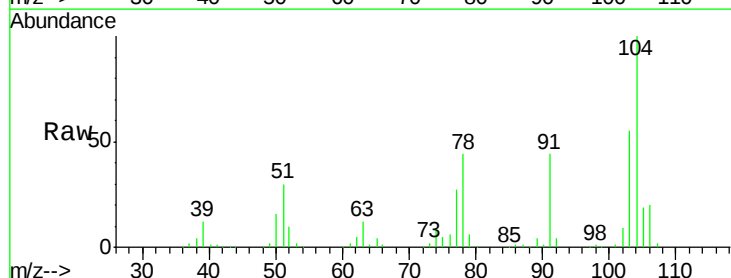
Manual Integrations
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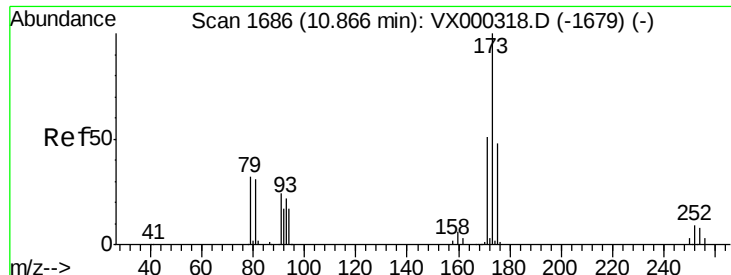
apatel
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#70
Styrene
Concen: 18.17 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion:104 Resp: 78206
Ion Ratio Lower Upper
104 100
78 50.7 40.5 60.7
103 57.3 45.7 68.5





#71

Bromoform

Concen: 18.72 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

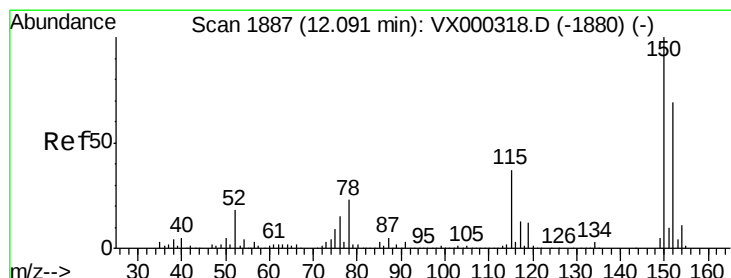
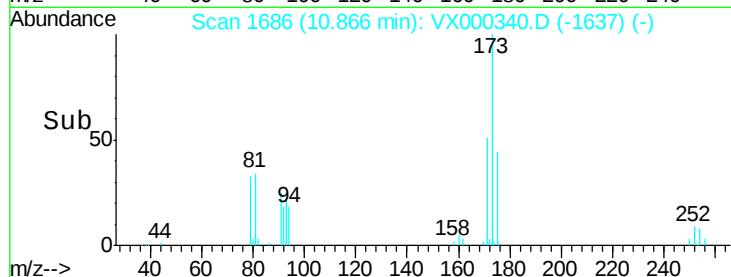
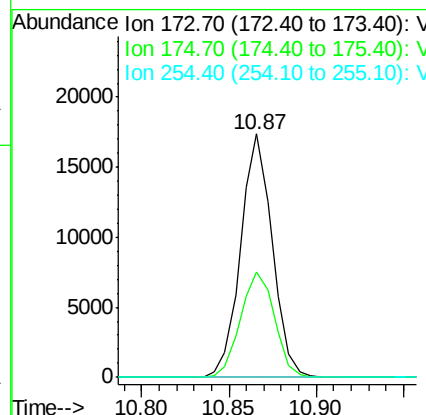
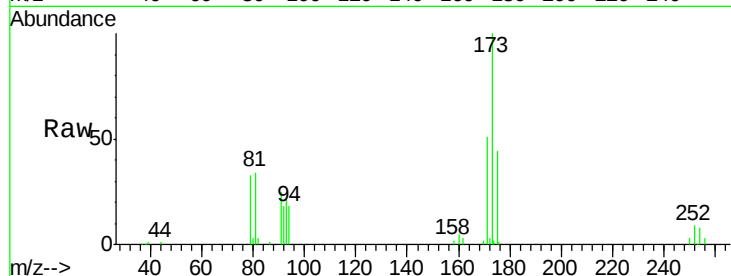
ClientSampleId :

VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.7	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

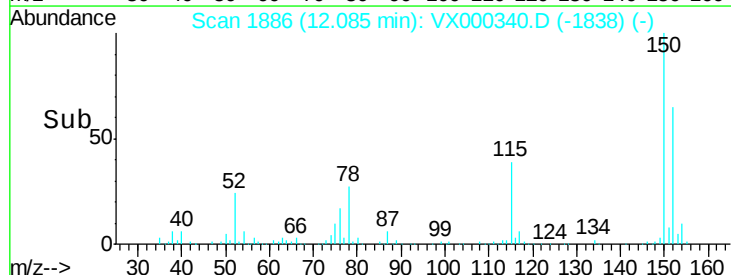
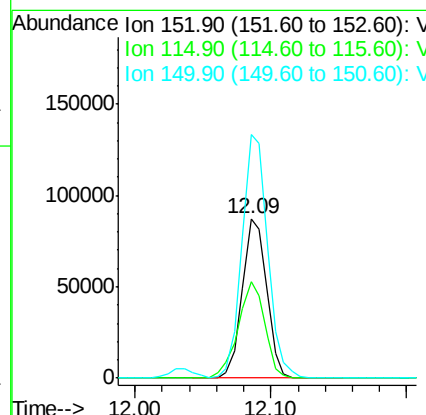
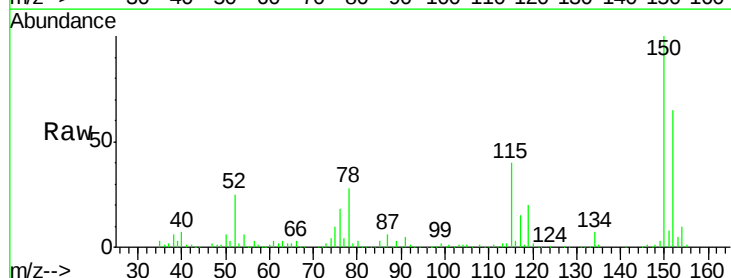
RT: 12.09 min Scan# 1886

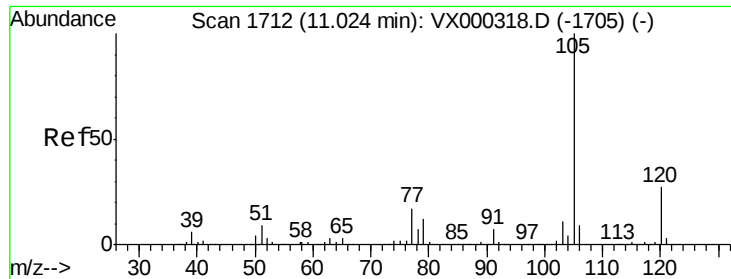
Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.4	39.8	119.3
150	161.1	0.0	344.4





#73

Isopropylbenzene

Concen: 20.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion: 105 Resp: 133435

Ion Ratio Lower Upper

105 100

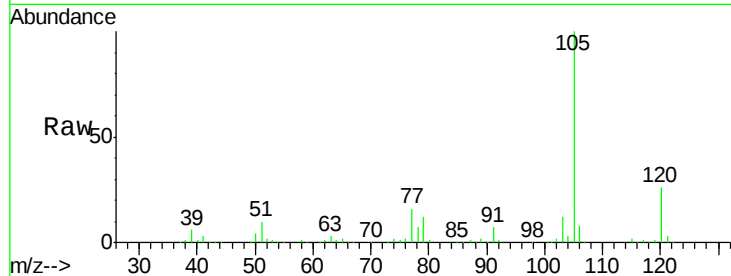
120 26.4 13.6 40.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

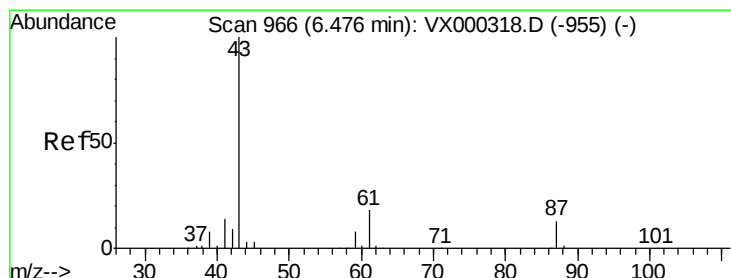
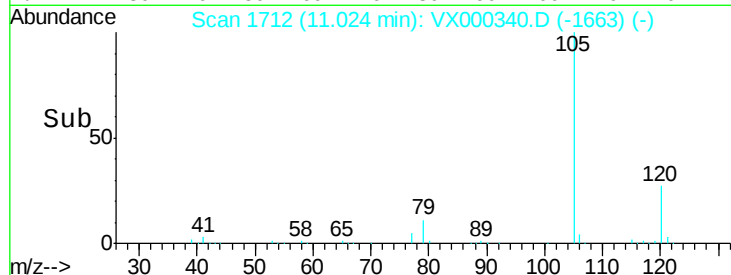
40000

20000

0

11.02

Time-->



#74

N-ethyl acetate

Concen: 21.75 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion: 43 Resp: 68183

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

30000

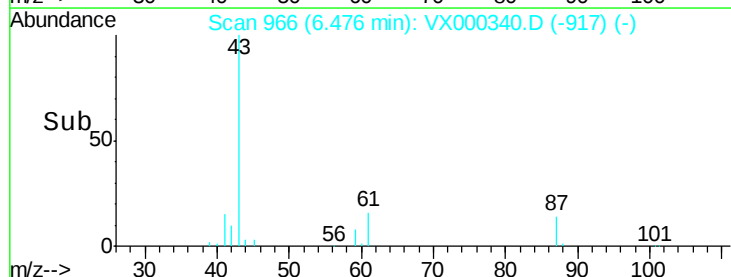
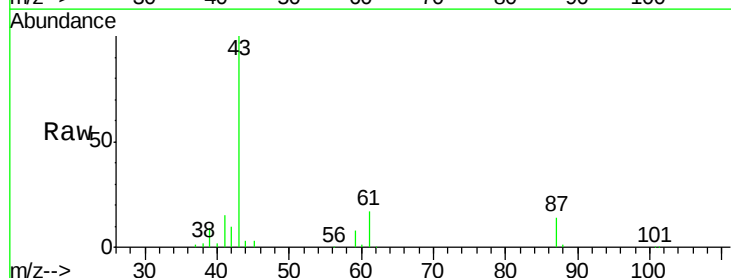
20000

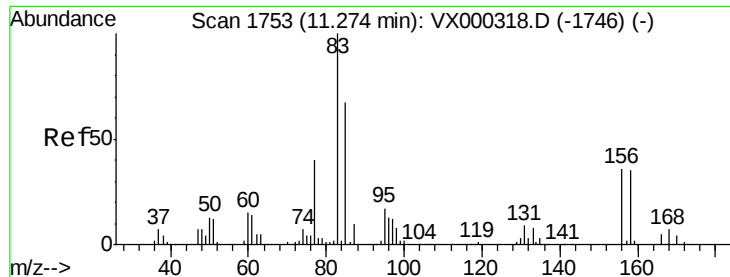
10000

0

6.48

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

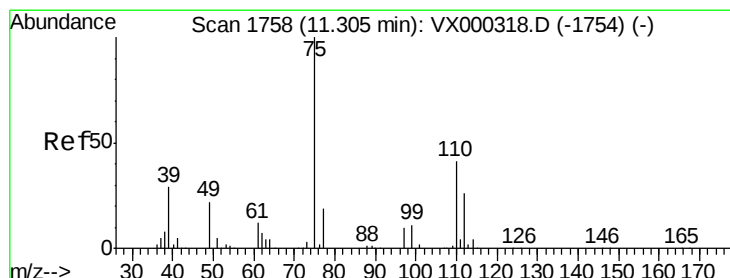
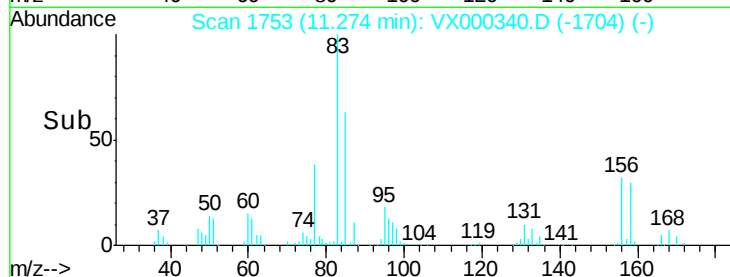
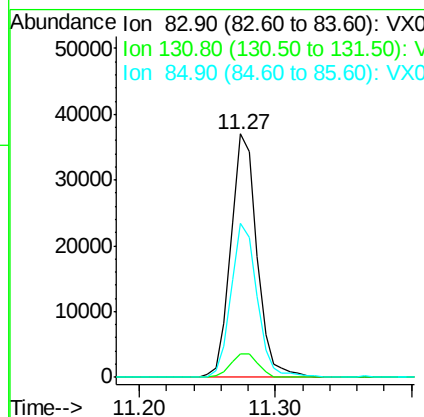
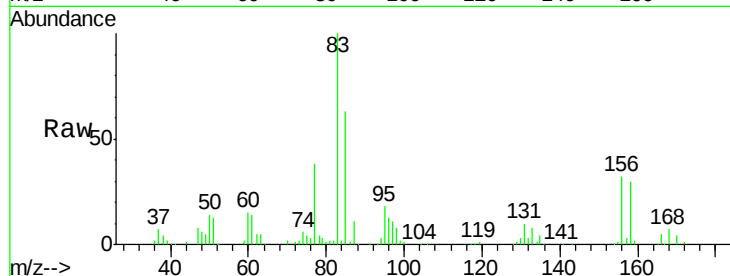
ClientSampleId :

VX0315WBSD01

Tot Ion:	83	Resp:	49359
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	63.2	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.06 ug/l m

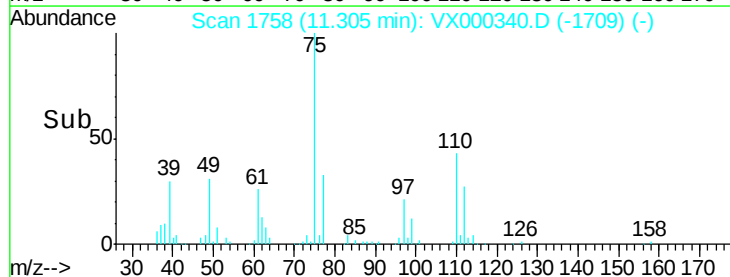
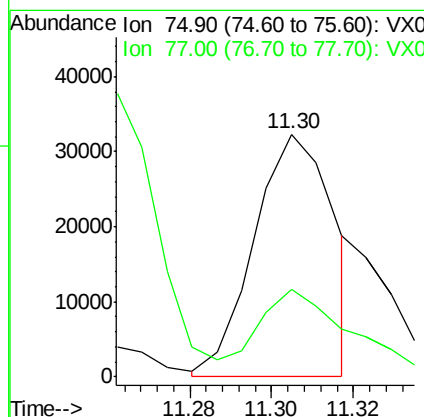
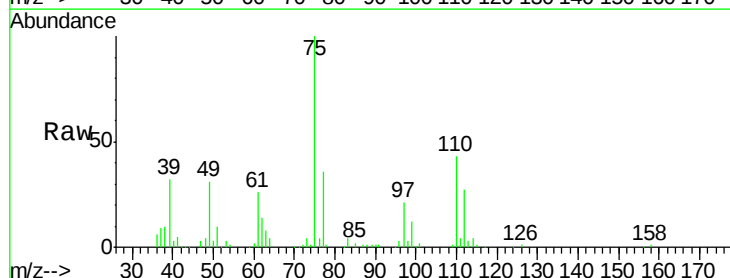
RT: 11.30 min Scan# 1758

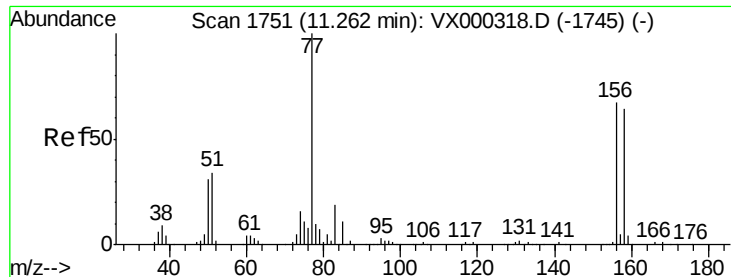
Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	75	Resp:	43728
Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.4	64.2





#77

Bromobenzene

Concen: 19.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

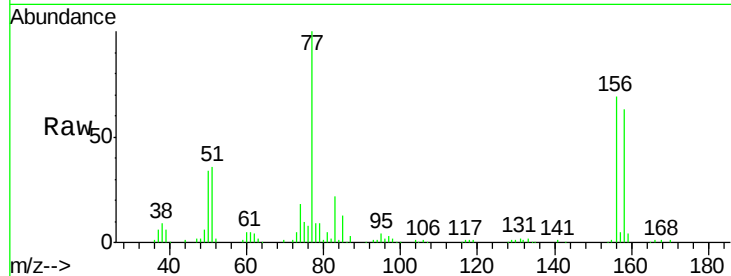
ClientSampleId :

VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.8	73.4	220.2
158	94.8	48.5	145.6

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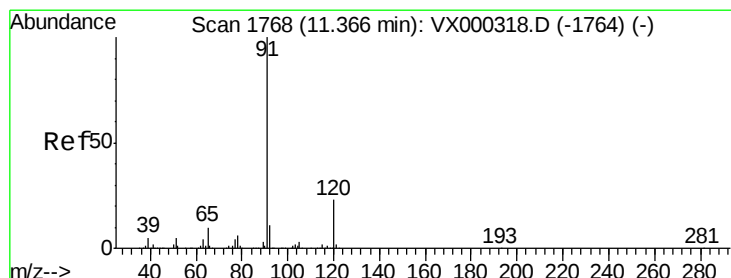
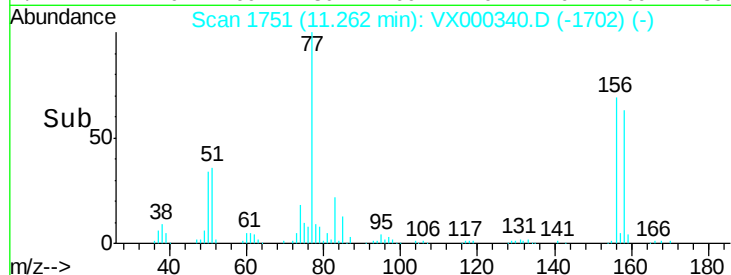
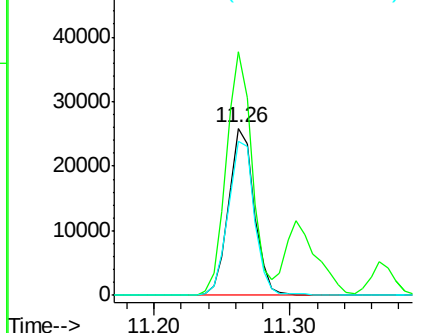
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.67 ug/l

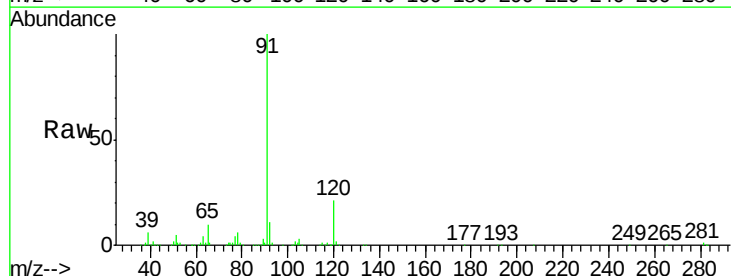
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000340.D

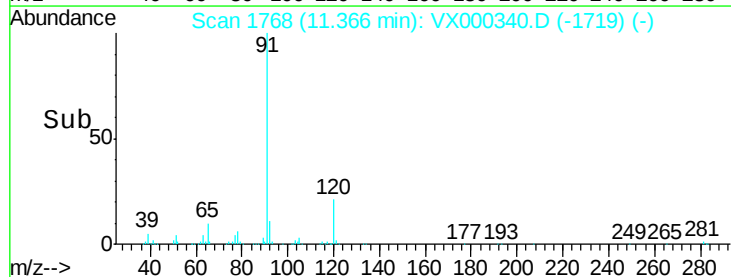
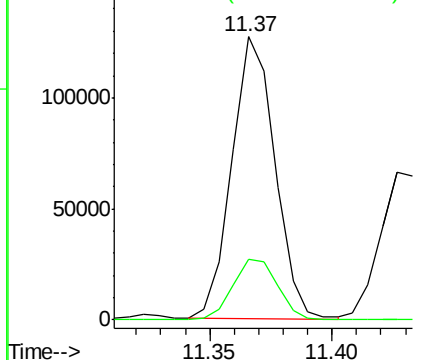
Acq: 15 Mar 2018 20:09

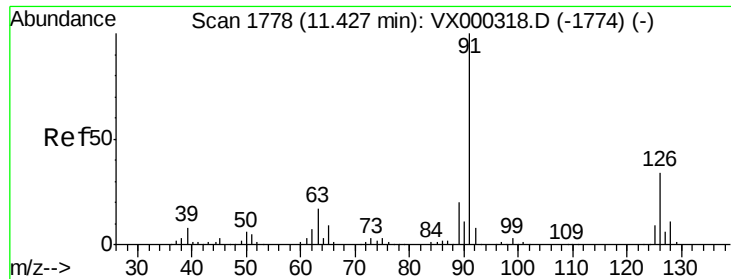
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.65 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion: 91 Resp: 88027

Ion Ratio Lower Upper

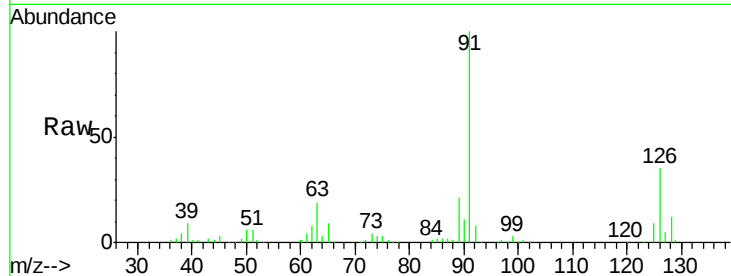
91 100

126 36.4 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX000340.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000340.D (-1729) (-)

150000

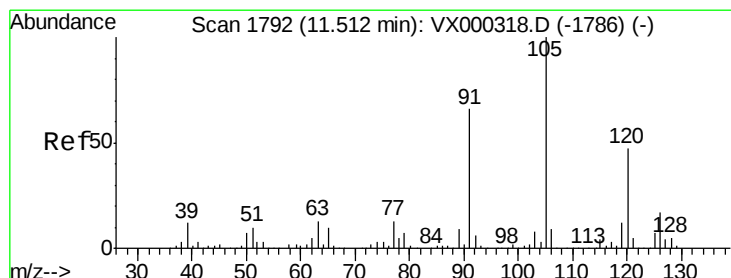
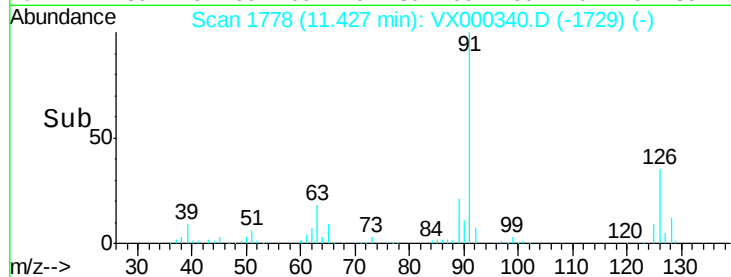
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000340.D

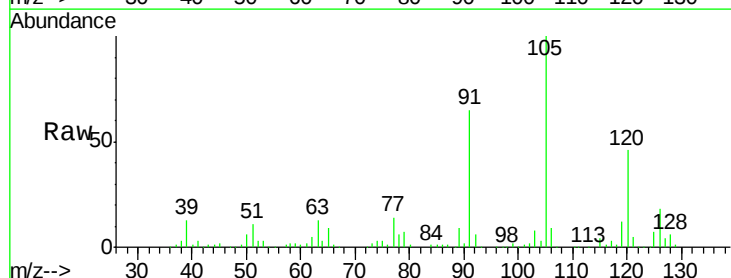
Acq: 15 Mar 2018 20:09

Tgt Ion: 105 Resp: 111854

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000340.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000340.D (-1743) (-)

100000

80000

60000

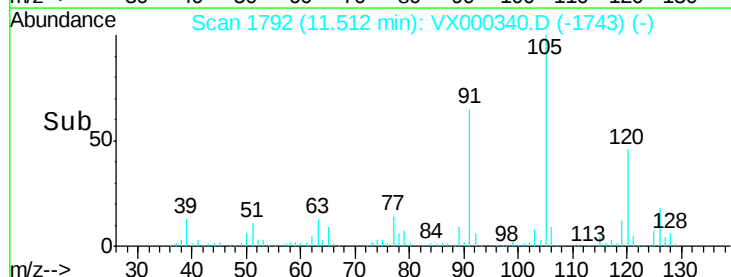
40000

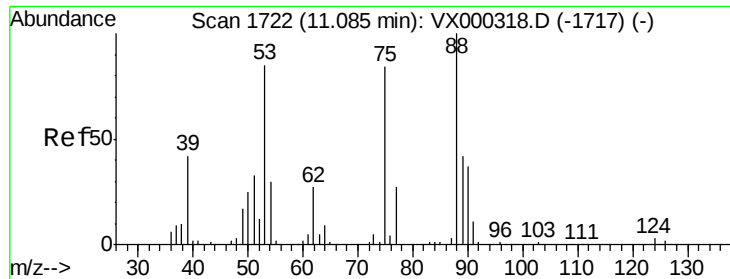
20000

0

11.45 11.50 11.55 11.60

Time-->





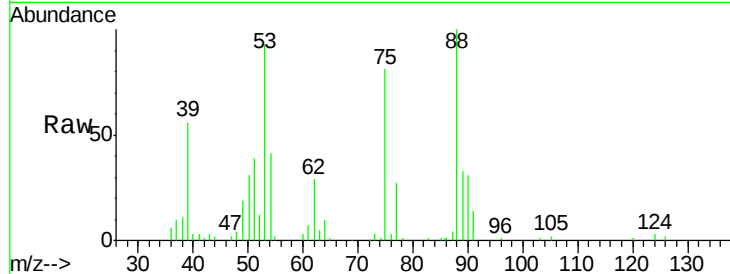
#81
trans-1,4-Dichloro-2-butene
Concen: 18.27 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

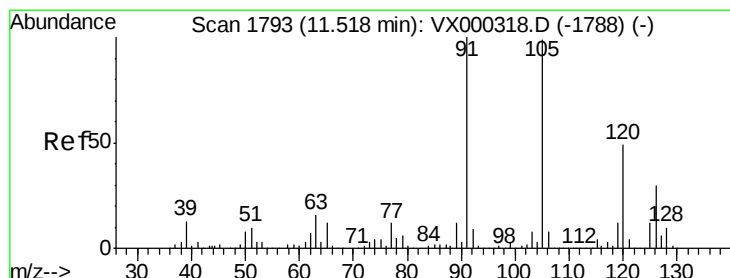
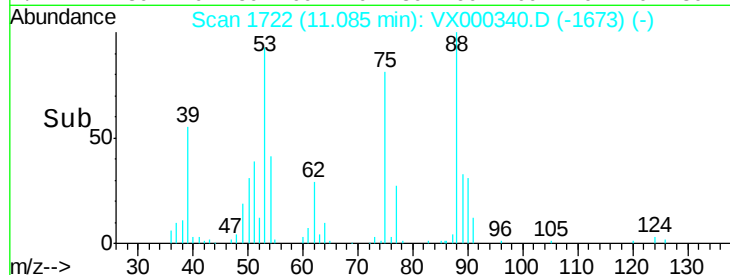
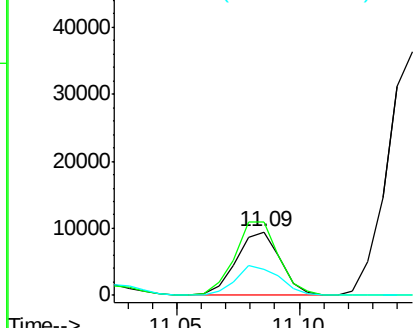
Tot Ion: 75 Resp: 11983
Ion Ratio Lower Upper
75 100
53 115.3 80.7 121.1
89 47.4 39.4 59.0

Manual Integrations
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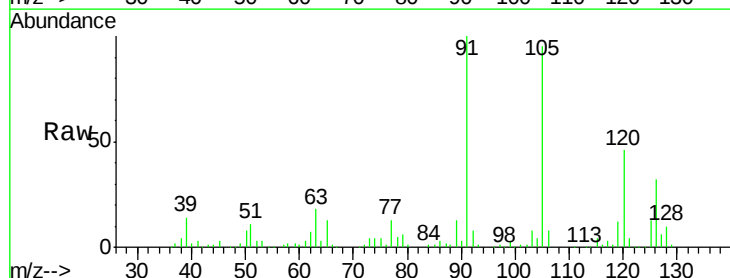


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

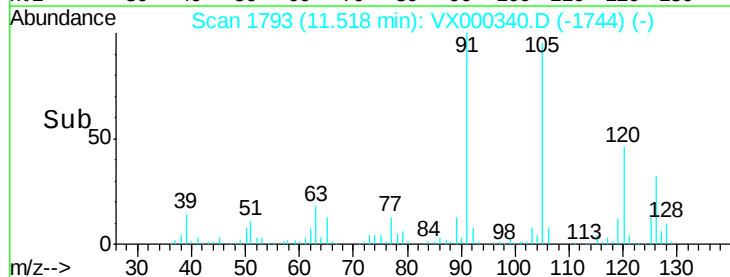
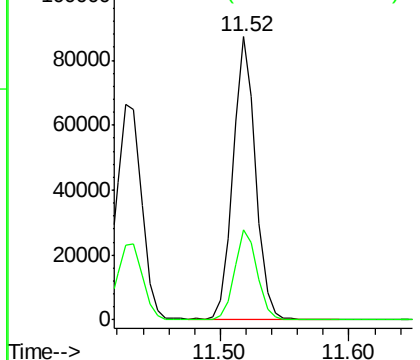


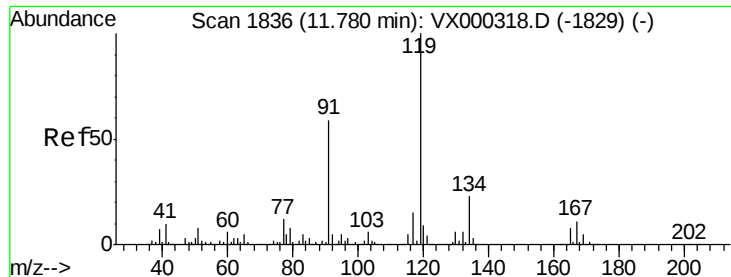
#82
4-Chlorotoluene
Concen: 19.38 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 91 Resp: 106748
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.1



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





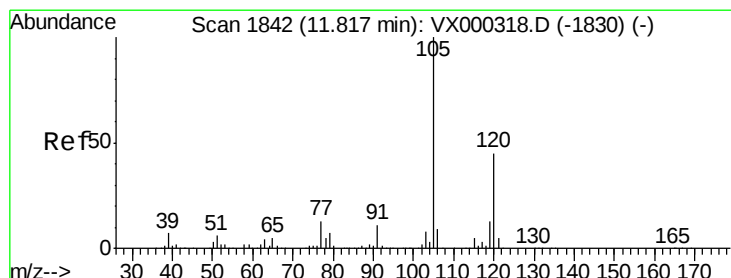
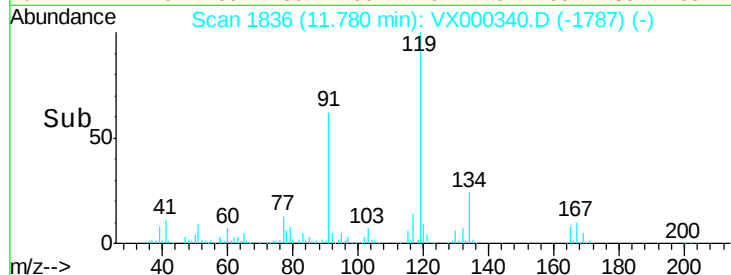
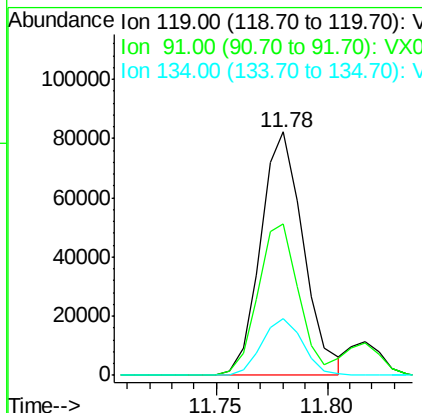
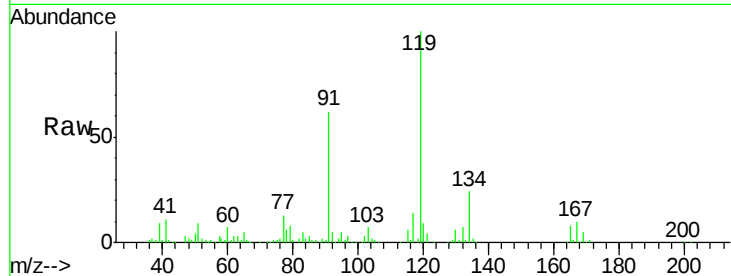
#83
 tert-Butylbenzene
 Concen: 20.15 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	109650		
91	59.5	28.8	86.4	
134	22.6	11.4	34.1	

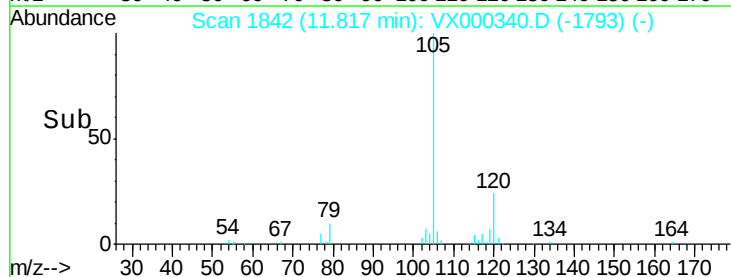
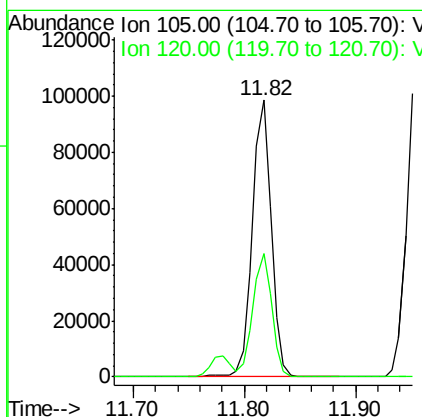
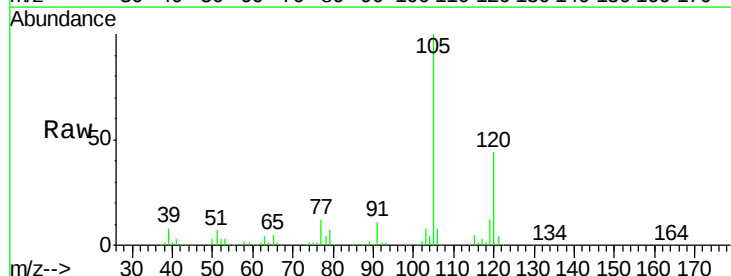
Manual Integrations
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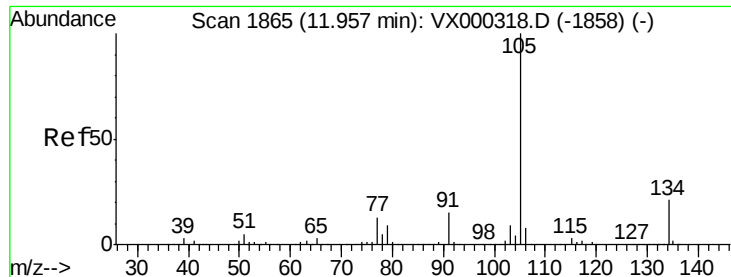
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.37 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	116842		
120	44.7	22.4	67.3	





#85

sec-Butylbenzene

Concen: 20.09 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

Tot Ion:105 Resp: 136858

Ion Ratio Lower Upper

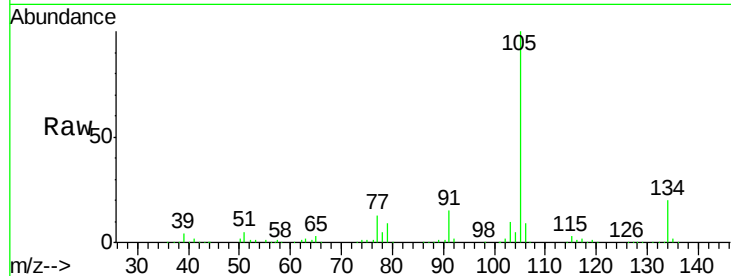
105 100

134 19.8 10.3 30.8

Manual Integrations
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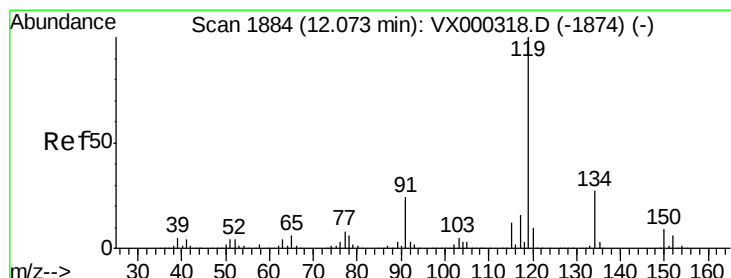
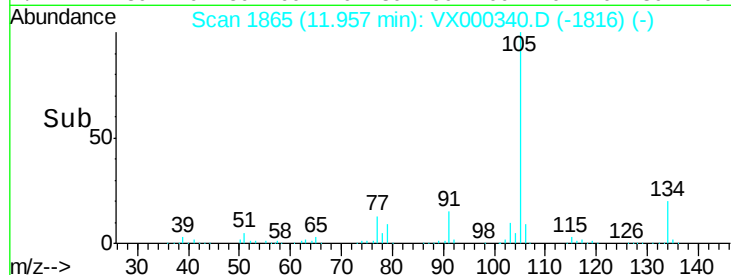
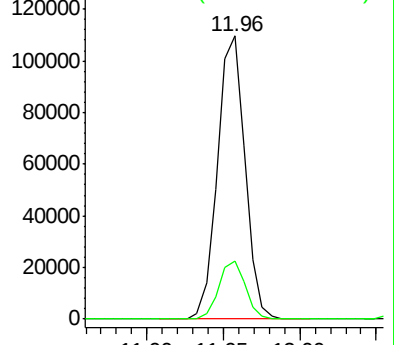
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.61 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

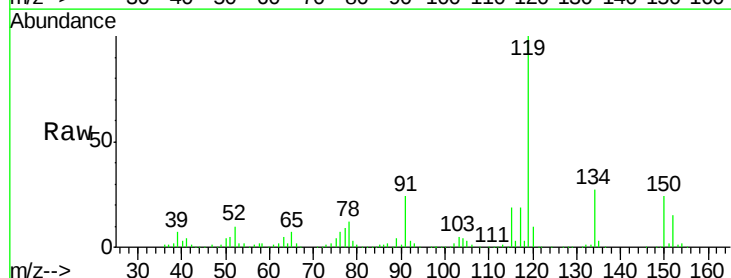
Tgt Ion:119 Resp: 118923

Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.9

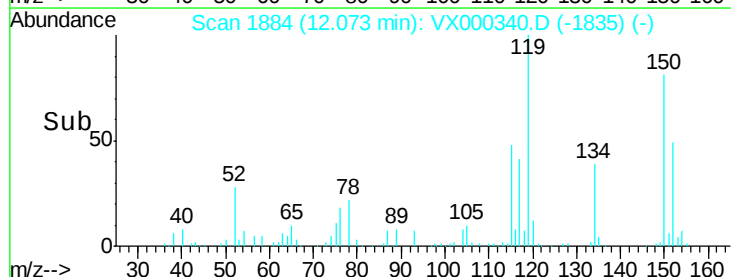
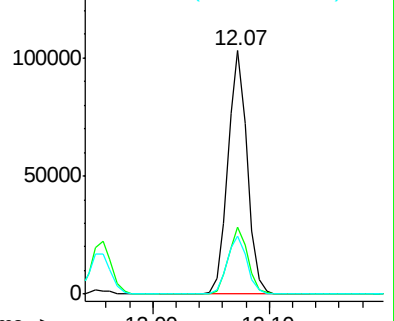
91 24.8 12.0 36.1

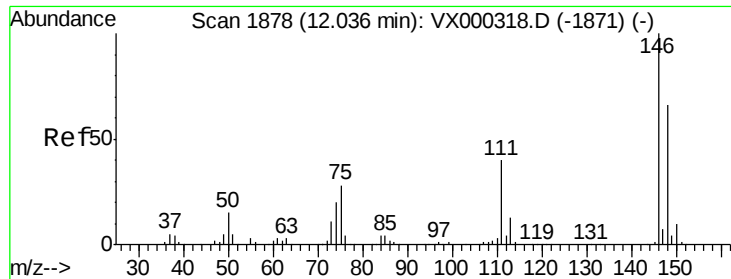


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





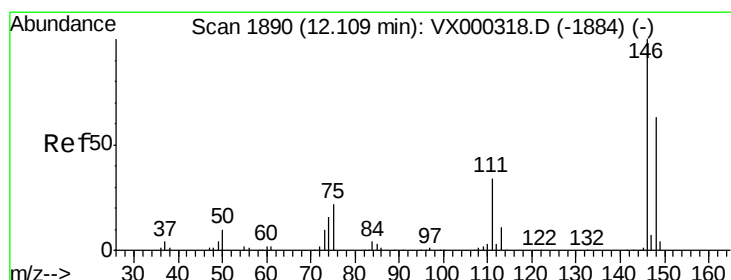
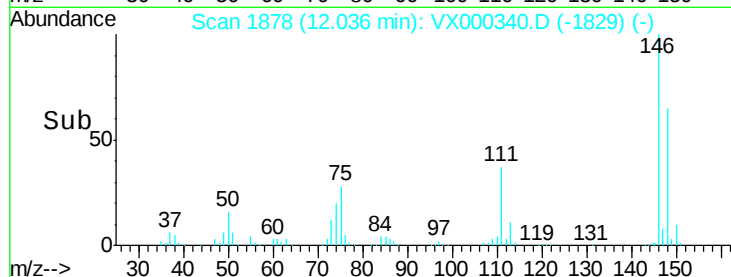
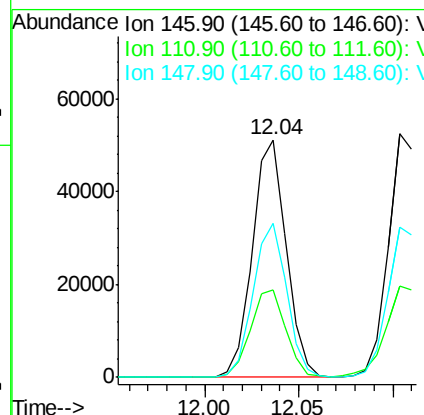
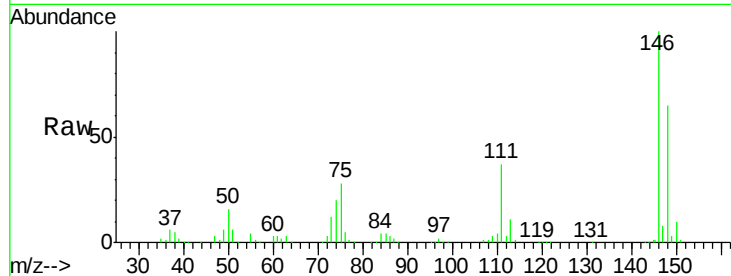
#87
 1,3-Dichlorobenzene
 Concen: 18.89 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.5	32.4	97.0

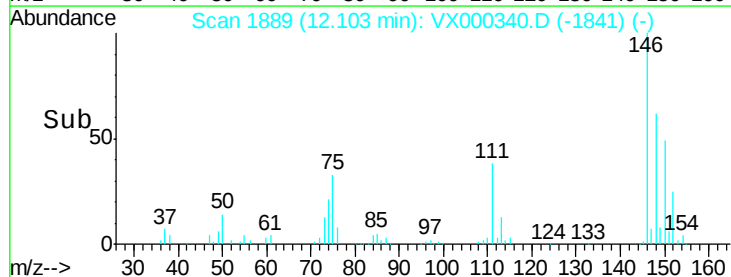
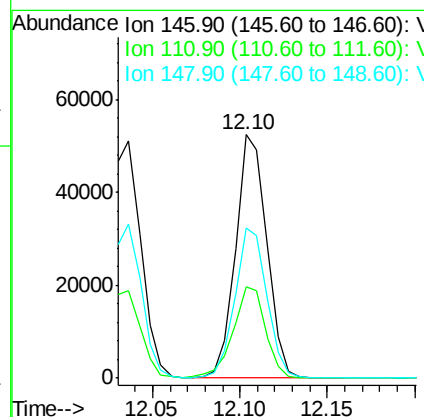
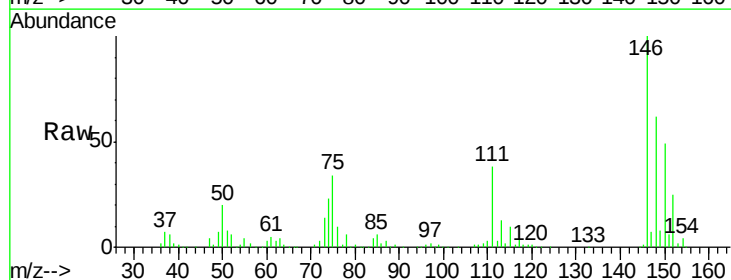
Manual Integrations
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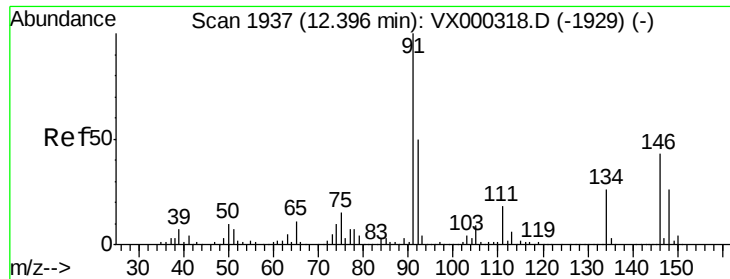
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#88
 1,4-Dichlorobenzene
 Concen: 18.57 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.9	56.9
148	63.3	31.0	93.0





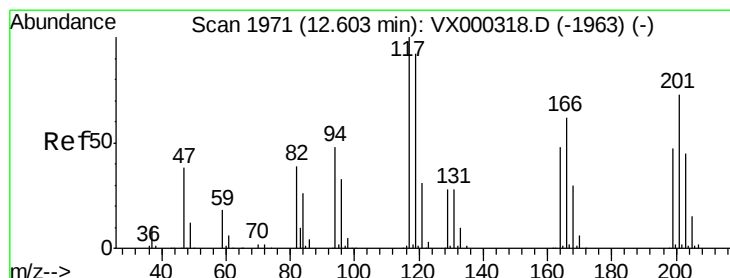
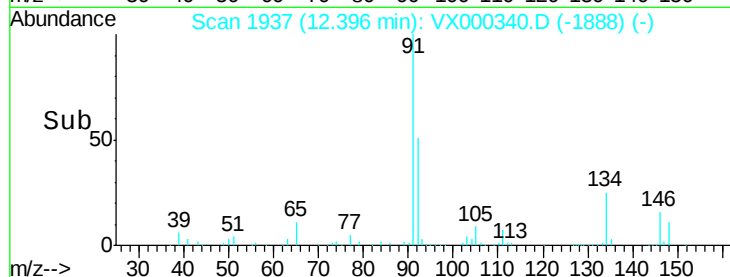
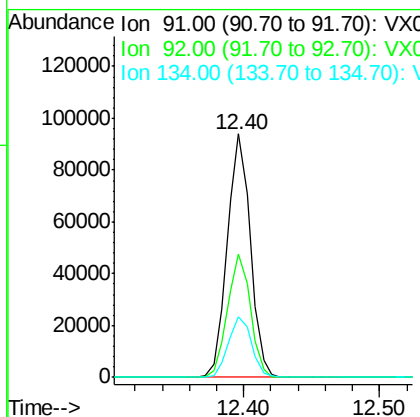
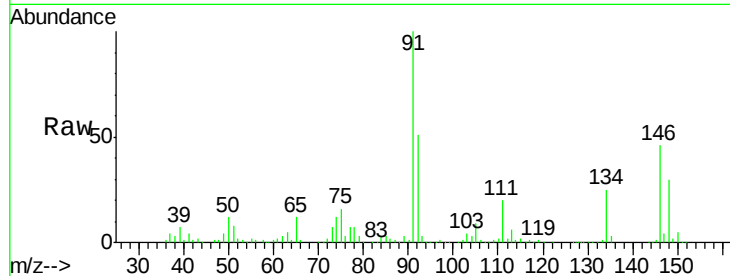
#89
n-Butylbenzene
Concen: 18.67 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.9	77.8
134	25.0	13.1	39.3

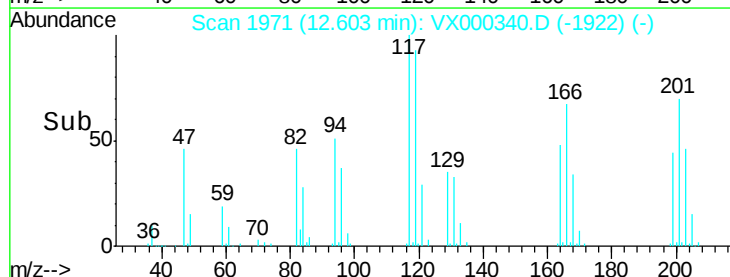
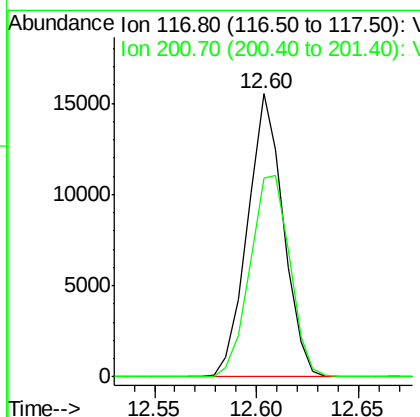
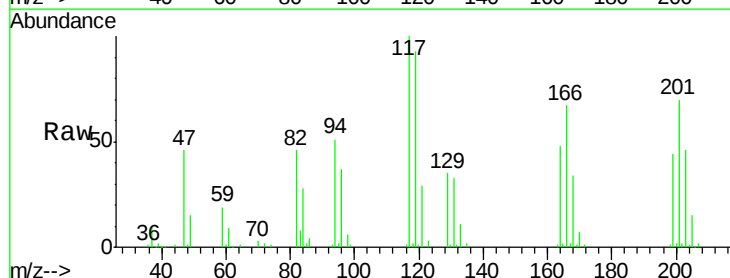
Manual Integrations
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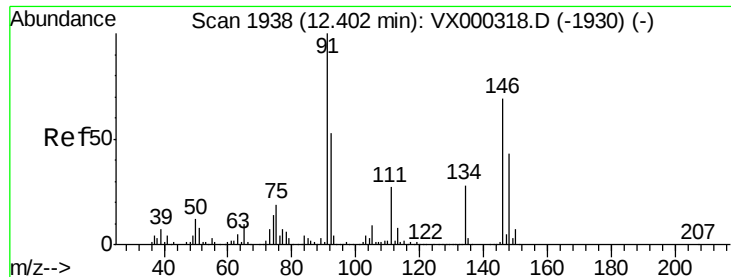
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#90
Hexachloroethane
Concen: 19.49 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	37.9	113.6





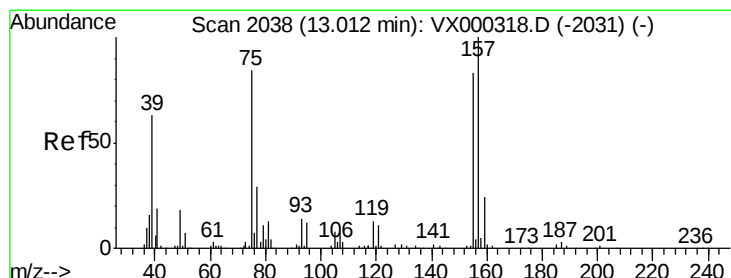
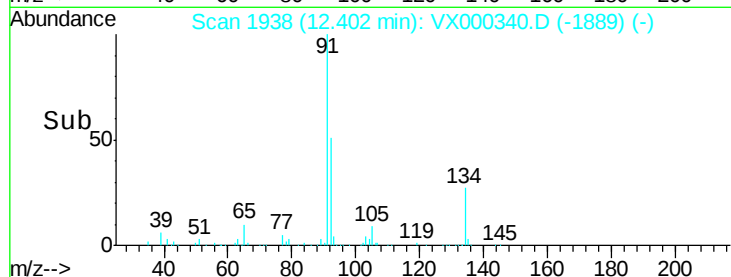
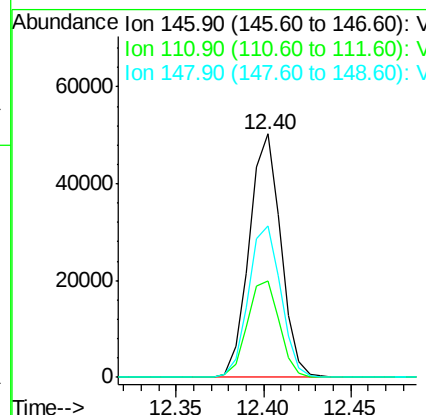
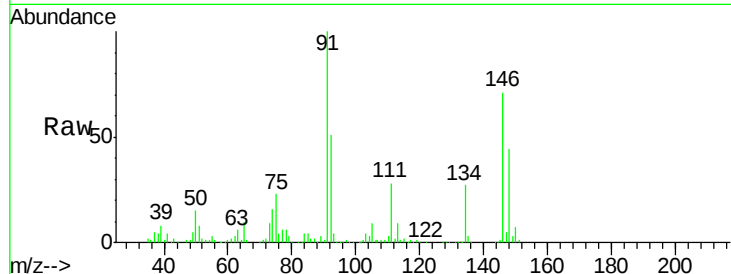
#91
1,2-Dichlorobenzene
Concen: 19.41 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	63.8	31.2	93.6

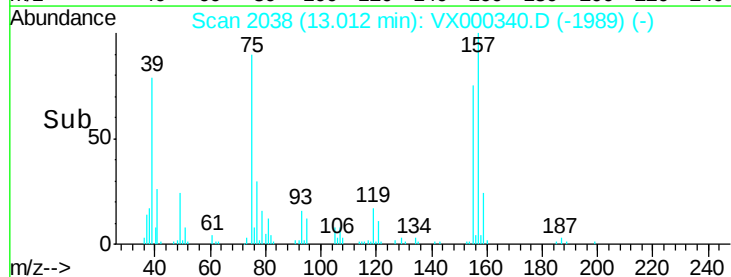
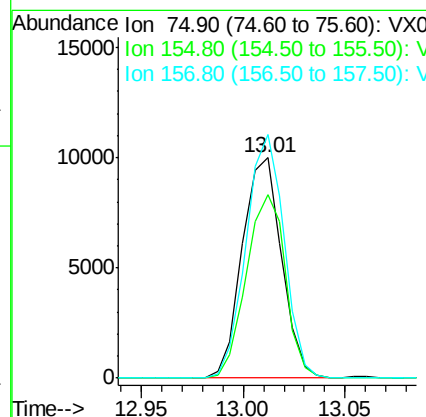
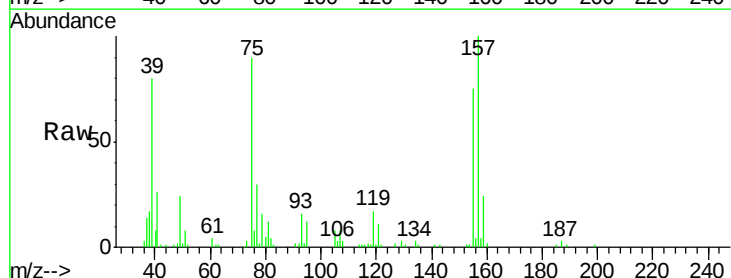
Manual Integrations
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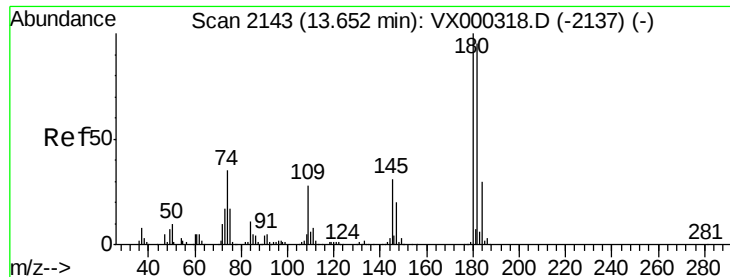
apatel
3/16/2018 3:43:26 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.19 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	45.0	134.8
157	106.7	58.1	174.2





#93

1,2,4-Trichlorobenzene

Concen: 19.19 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

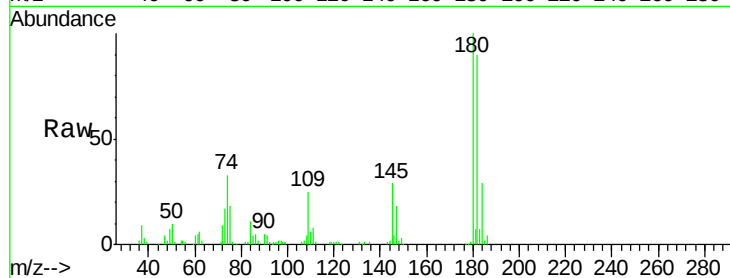
ClientSampleId :

VX0315WBSD01

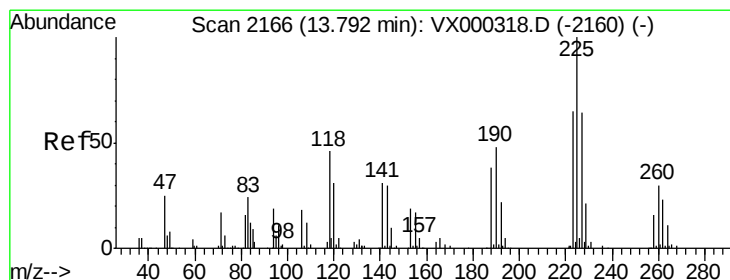
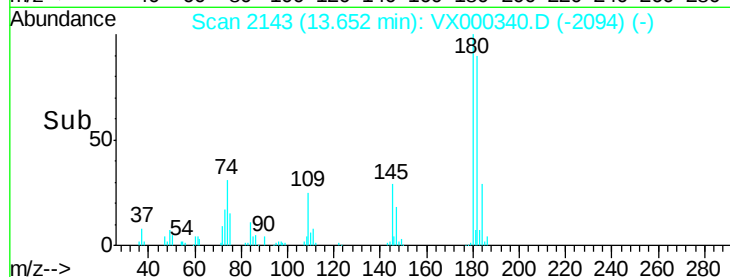
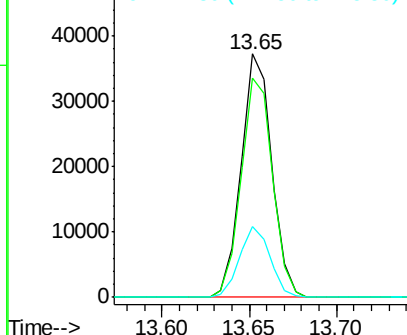
Tot Ion:	180	Resp:	45165
Ion Ratio	Lower	Upper	
180	100		
182	92.4	47.6	142.9
145	29.1	15.1	45.3

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.38 ug/l

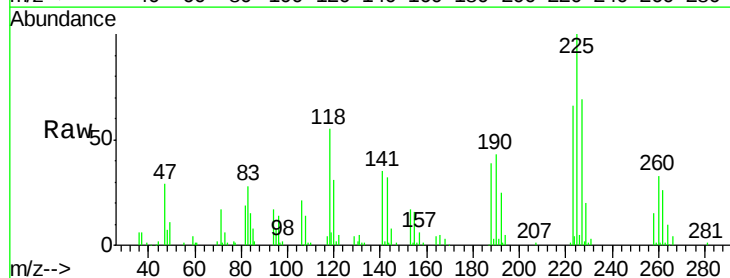
RT: 13.79 min Scan# 2166

Delta R.T. 0.00 min

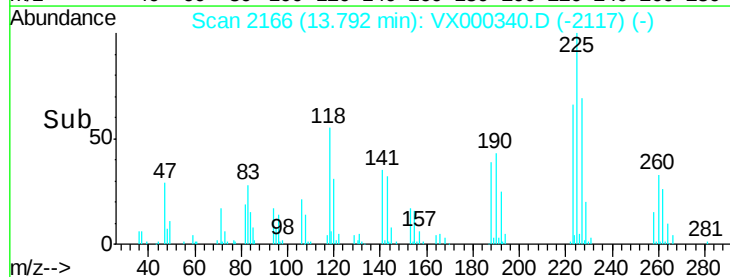
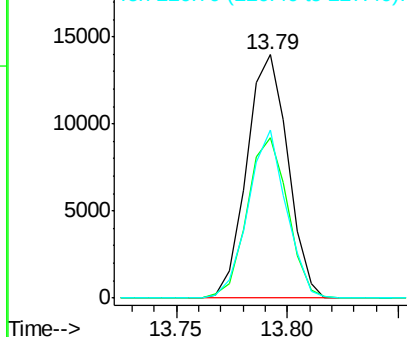
Lab File: VX000340.D

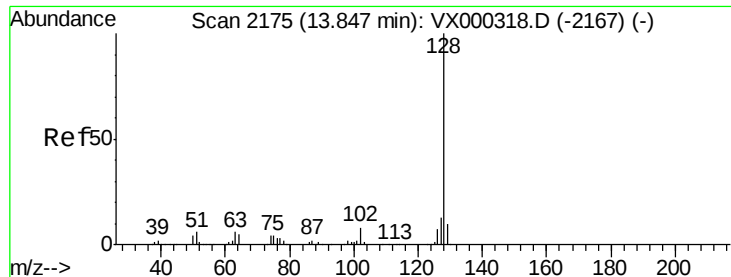
Acq: 15 Mar 2018 20:09

Tgt Ion:	225	Resp:	17989
Ion Ratio	Lower	Upper	
225	100		
223	64.9	32.0	96.0
227	64.3	32.6	98.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.15 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

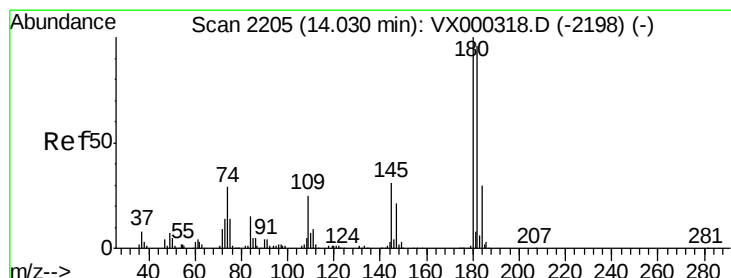
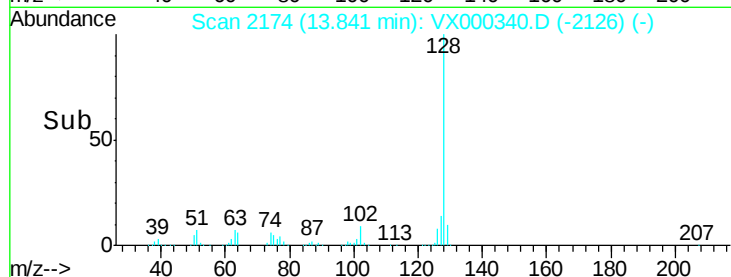
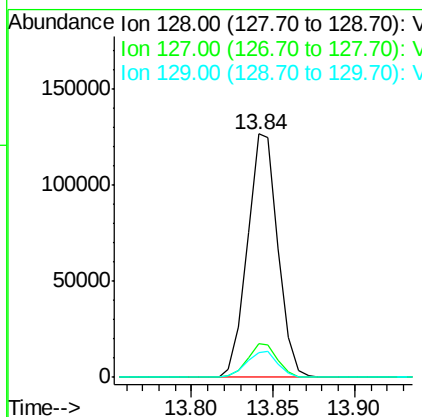
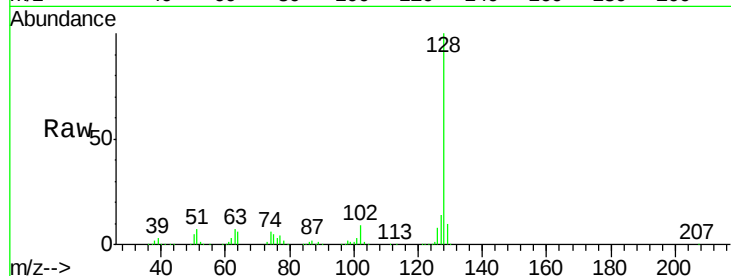
ClientSampleId :

VX0315WBSD01

Tot Ion:	128	Resp:	164567
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	10.9	8.9	13.3

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#96

1,2,3-Trichlorobenzene

Concen: 19.19 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion:	180	Resp:	45611
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.4	142.3
145	31.0	15.8	47.3

