

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000668.D
 Acq On : 04 Apr 2018 20:26
 Operator : JC/MD
 Sample : VX0404WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:26 PM

Quant Time: Apr 05 05:36:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	98942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	100707	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	79487	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
35) Dibromofluoromethane	5.51	113	56982	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	8.73	98	236869	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	11.15	95	92402	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	29035	21.90	ug/l	97
3) Chloromethane	1.32	50	24606	21.68	ug/l	94
4) Vinyl Chloride	1.40	62	31285	21.03	ug/l	99
5) Bromomethane	1.64	94	27559	19.03	ug/l	98
6) Chloroethane	1.73	64	22307	20.38	ug/l	94
7) Trichlorofluoromethane	1.93	101	54587	20.70	ug/l	93
8) Diethyl Ether	2.19	74	20215	20.66	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28649	20.11	ug/l	96
10) Methyl Iodide	2.51	142	14207	20.26	ug/l	98
11) Tert butyl alcohol	3.08	59	65034	99.76	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26906	20.03	ug/l	94
13) Acrolein	2.30	56	36237	93.77	ug/l	99
14) Allyl chloride	2.73	41	53345	19.80	ug/l	100
15) Acrylonitrile	3.15	53	124046	103.18	ug/l	99
16) Acetone	2.45	43	134816	97.48	ug/l	97
17) Carbon Disulfide	2.57	76	59830	18.95	ug/l	100
18) Methyl Acetate	2.78	43	64968	21.07	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	102424	21.09	ug/l	95
20) Methylene Chloride	2.86	84	30382	19.26	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	27485	18.87	ug/l	85
22) Diisopropyl ether	3.89	45	68303	17.82	ug/l	92
23) Vinyl Acetate	3.83	43	319880	86.30	ug/l	100
24) 1,1-Dichloroethane	3.70	63	49812	19.55	ug/l	98
25) 2-Butanone	4.71	43	138552	98.83	ug/l	100
26) 2,2-Dichloropropane	4.60	77	27975	20.05	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	22989	20.85	ug/l	97
28) Bromochloromethane	5.03	49	18454	19.33	ug/l	98
29) Tetrahydrofuran	5.18	42	87082	96.54	ug/l	98
30) Chloroform	5.23	83	42235	19.55	ug/l	96
31) Cyclohexane	5.59	56	31329	18.88	ug/l	88
32) 1,1,1-Trichloroethane	5.50	97	36725	20.66	ug/l	99
36) 1,1-Dichloropropene	5.81	75	30119	18.70	ug/l	97
37) Ethyl Acetate	4.87	43	46247	18.87	ug/l	99
38) Carbon Tetrachloride	5.80	117	30041	19.38	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	33329	17.90	ug/l	96
40) Benzene	6.15	78	90741	19.73	ug/l	96
41) Methacrylonitrile	5.07	41	25085	18.68	ug/l	96
42) 1,2-Dichloroethane	6.21	62	37626	19.56	ug/l	98
43) Isopropyl Acetate	6.48	43	68602	19.30	ug/l	99
44) Trichloroethene	7.22	130	23960	18.85	ug/l	97
45) 1,2-Dichloropropane	7.52	63	23381	18.85	ug/l	99
46) Dibromomethane	7.67	93	18597	20.44	ug/l	96
47) Bromodichloromethane	7.91	83	34403	19.88	ug/l	92
48) Methyl methacrylate	7.79	41	34248	18.80	ug/l	99
49) 1,4-Dioxane	7.77	88	14270	369.63	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	282606	97.77	ug/l	100
52) Toluene	8.79	92	60710	18.68	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	36484	19.50	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	36444	19.25	ug/l	90
55) 1,1,2-Trichloroethane	9.23	97	26804	19.78	ug/l	97
56) Ethyl methacrylate	9.19	69	40117	19.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	45084	20.32	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	100305	105.64	ug/l	98
59) 2-Hexanone	9.51	43	243862	99.21	ug/l	100
60) Dibromochloromethane	9.59	129	25856	18.56	ug/l	98
61) 1,2-Dibromoethane	9.68	107	28554	19.54	ug/l	100
64) Tetrachloroethene	9.34	164	23699	20.42	ug/l	95
65) Chlorobenzene	10.15	112	72052	19.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	24319	19.65	ug/l	97
67) Ethyl Benzene	10.26	91	127970	19.93	ug/l	98
68) m/p-Xylenes	10.37	106	98136	40.55	ug/l	99
69) o-Xylene	10.71	106	46635	19.57	ug/l	99
70) Styrene	10.72	104	78177	19.46	ug/l	97
71) Bromoform	10.87	173	19240	18.60	ug/l #	99
73) Isopropylbenzene	11.02	105	132590	21.78	ug/l	99
74) N-amyl acetate	6.48	43	68602	21.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49432	21.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	45890m	20.89	ug/l	
77) Bromobenzene	11.26	156	31950	20.99	ug/l	97
78) n-propylbenzene	11.37	91	162329	21.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	91384	21.67	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	113128	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	12612	20.59	ug/l	89
82) 4-Chlorotoluene	11.52	91	107245	20.32	ug/l	96
83) tert-Butylbenzene	11.78	119	110743	21.85	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	118921	21.87	ug/l	100
85) sec-Butylbenzene	11.95	105	140955	21.89	ug/l	99
86) p-Isopropyltoluene	12.07	119	121768	21.73	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	62937	21.22	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	65559	20.21	ug/l	98
89) n-Butylbenzene	12.40	91	123970	21.69	ug/l	98
90) Hexachloroethane	12.60	117	19444	20.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	61468	19.87	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14428	21.82	ug/l	97

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ClientSampleId :
VX0404WBSD01

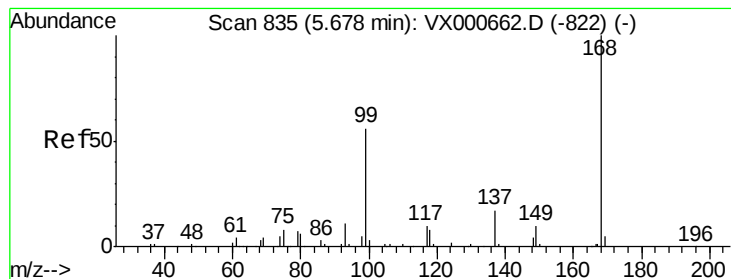
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44076	21.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	15949	20.00	ug/l	99
95) Naphthalene	13.84	128	162431	21.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	43128	20.59	ug/l	98

(#) = 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: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion:168 Resp: 98942

Ion Ratio Lower Upper

168 100

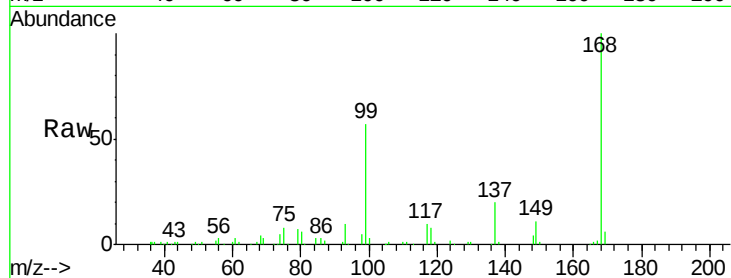
99 56.6 44.7 67.1

Manual Integrations

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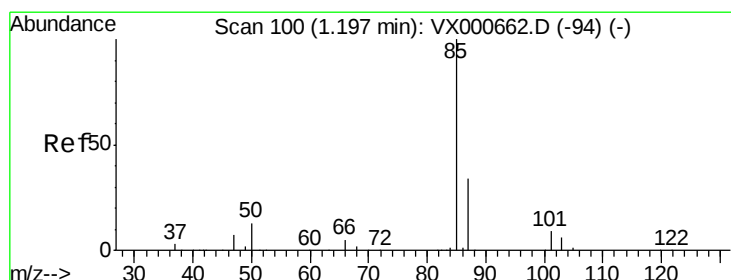
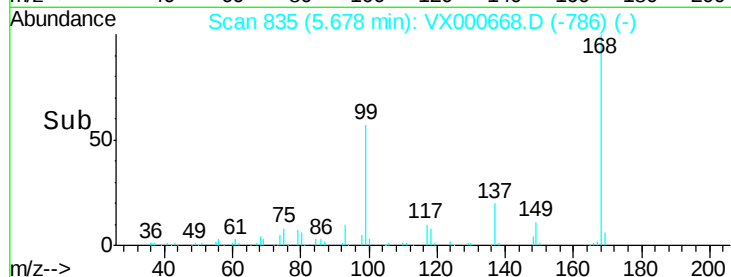
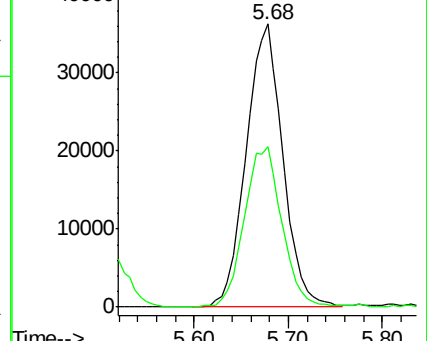
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.90 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000668.D

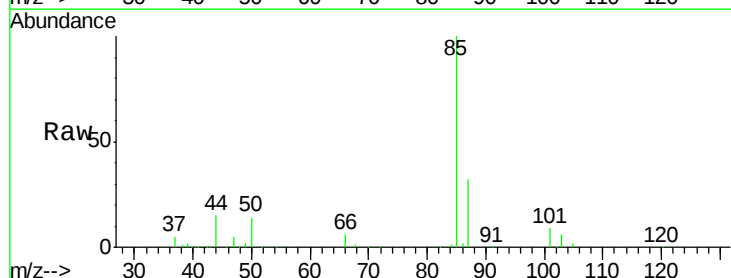
Acq: 04 Apr 2018 20:26

Tgt Ion: 85 Resp: 29035

Ion Ratio Lower Upper

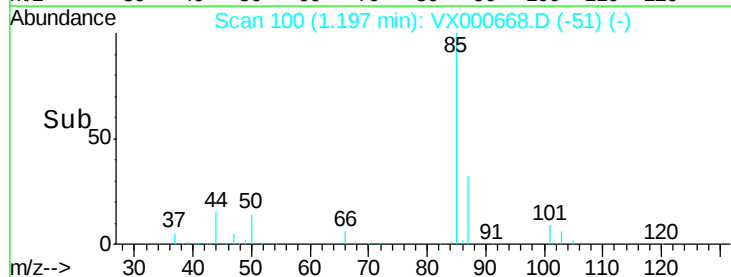
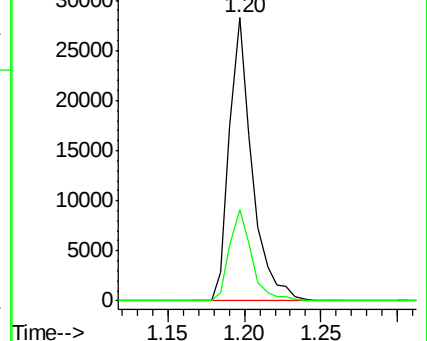
85 100

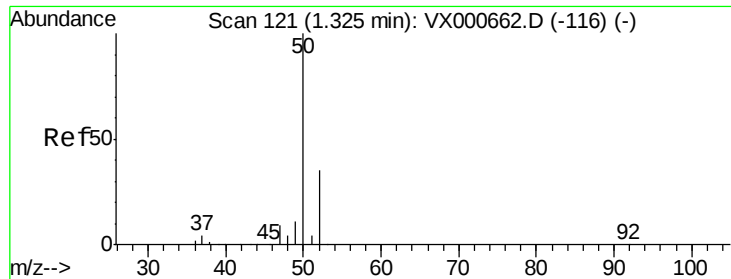
87 32.4 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 50 Resp: 24606

Ion Ratio Lower Upper

50 100

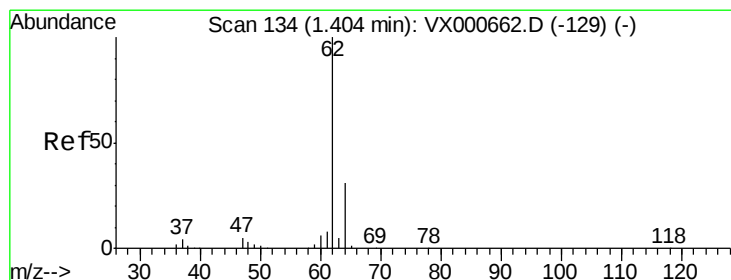
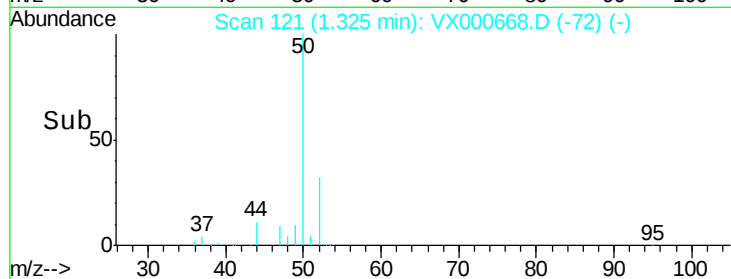
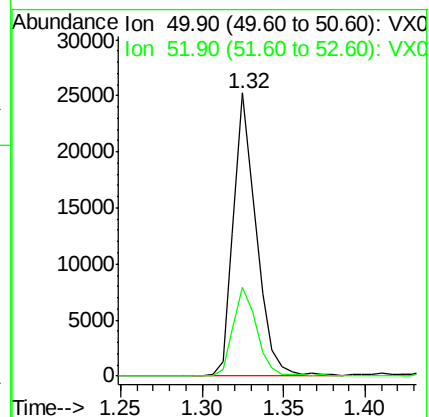
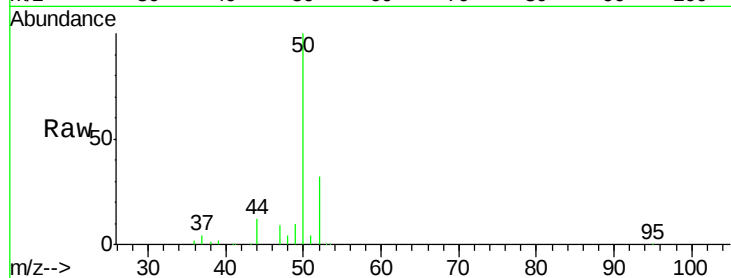
52 31.5 28.0 42.0

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#4

Vinyl Chloride

Concen: 21.03 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000668.D

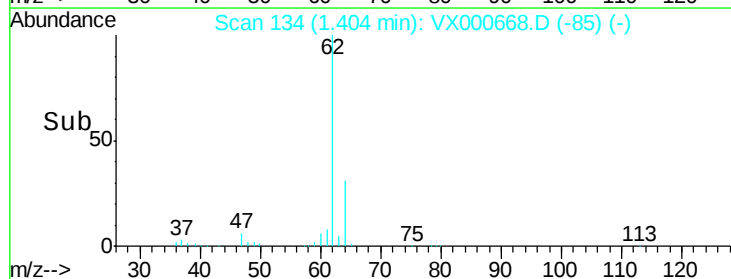
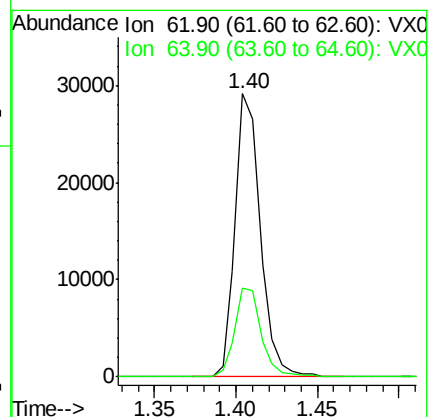
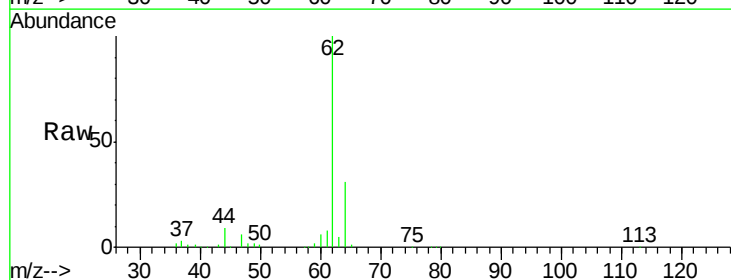
Acq: 04 Apr 2018 20:26

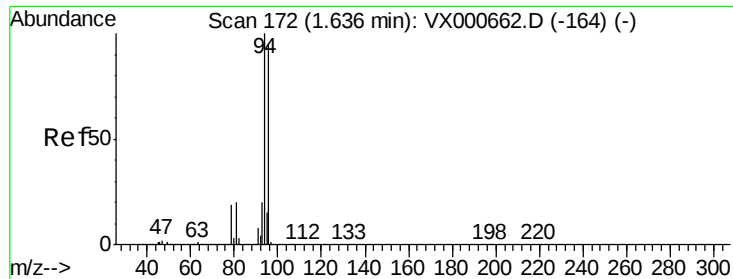
Tgt Ion: 62 Resp: 31285

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0





#5

Bromomethane

Concen: 19.03 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 94 Resp: 27559

Ion Ratio Lower Upper

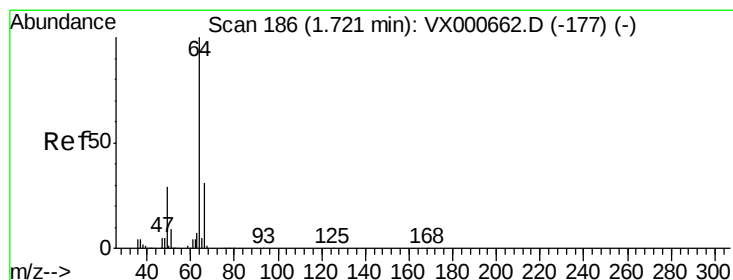
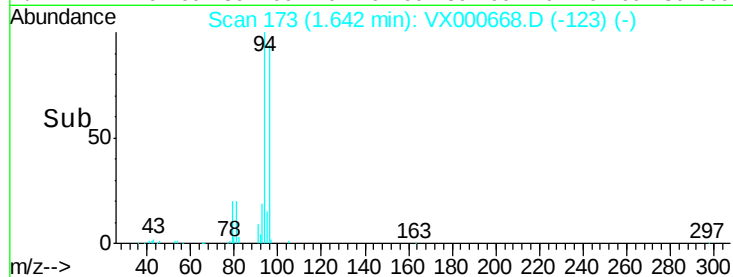
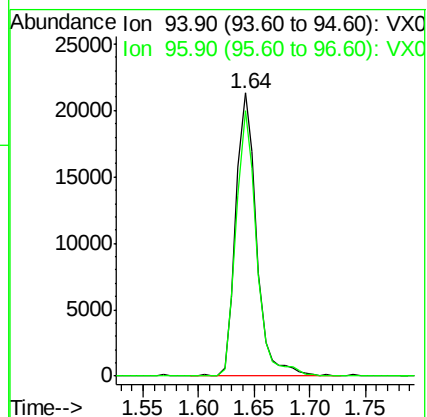
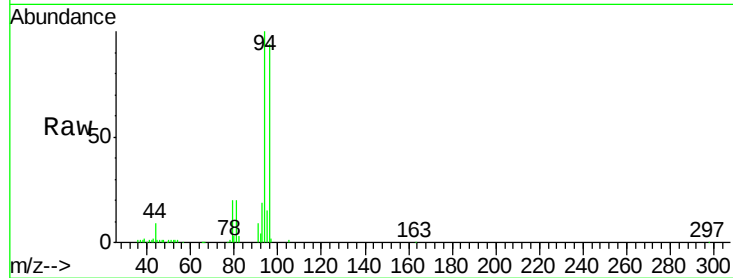
94 100

96 93.8 76.3 114.5

Manual Integrations
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#6

Chloroethane

Concen: 20.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000668.D

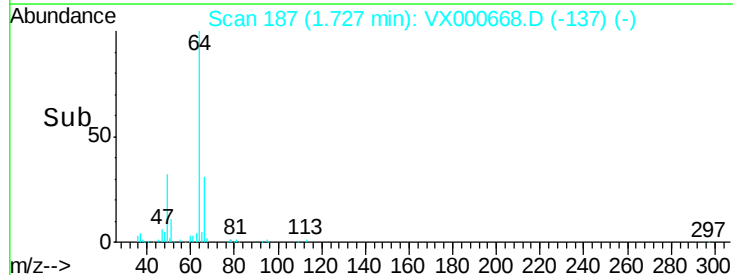
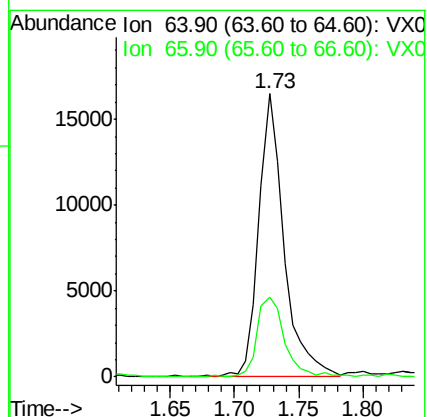
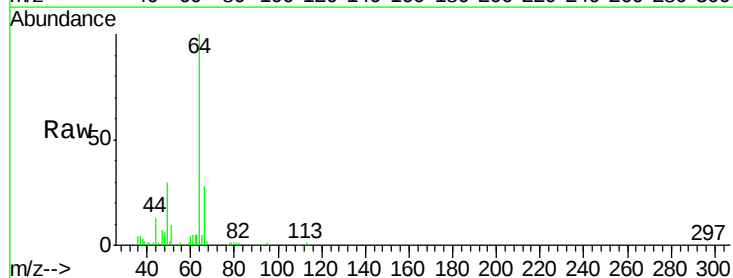
Acq: 04 Apr 2018 20:26

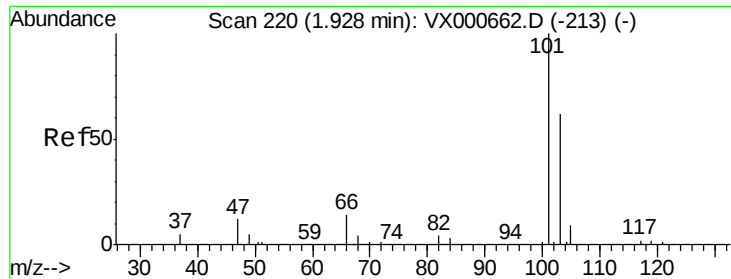
Tgt Ion: 64 Resp: 22307

Ion Ratio Lower Upper

64 100

66 28.2 25.0 37.6





#7

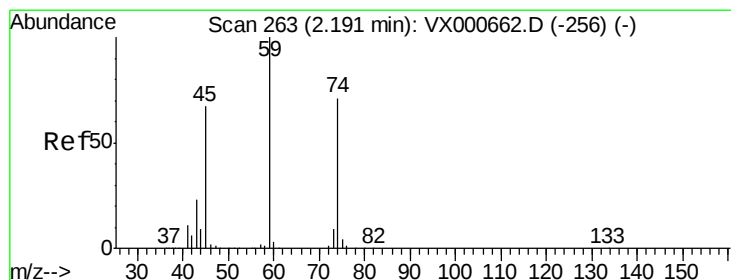
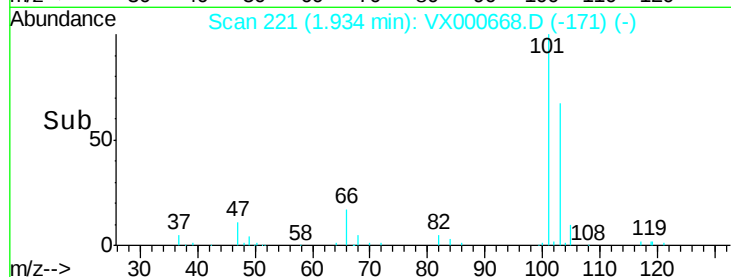
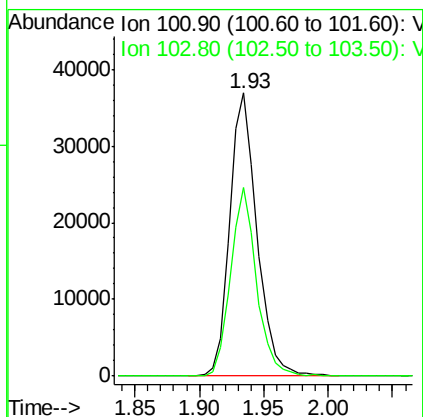
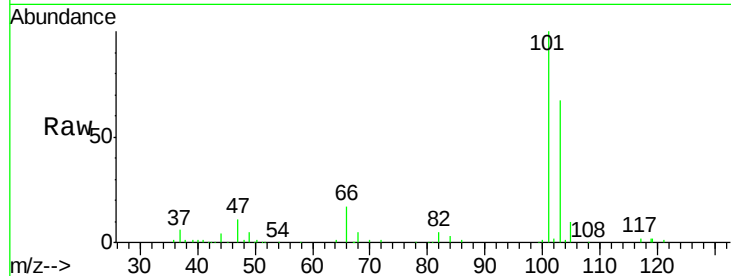
Trichlorofluoromethane
 Concen: 20.70 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Tot Ion:101 Resp: 54587
 Ion Ratio Lower Upper
 101 100
 103 66.7 49.4 74.0

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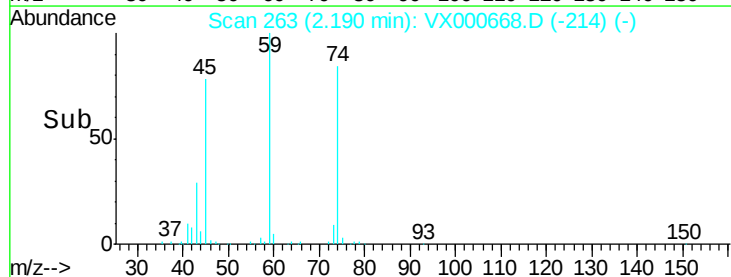
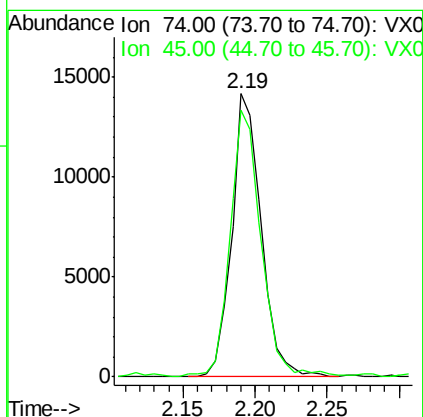
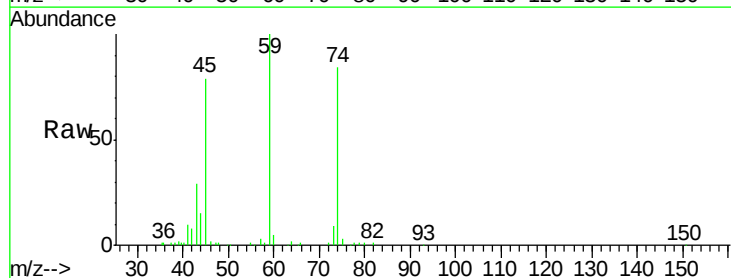
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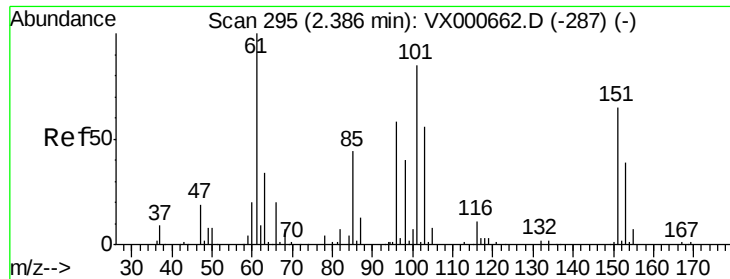


#8

Diethyl Ether
 Concen: 20.66 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 74 Resp: 20215
 Ion Ratio Lower Upper
 74 100
 45 99.6 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.11 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

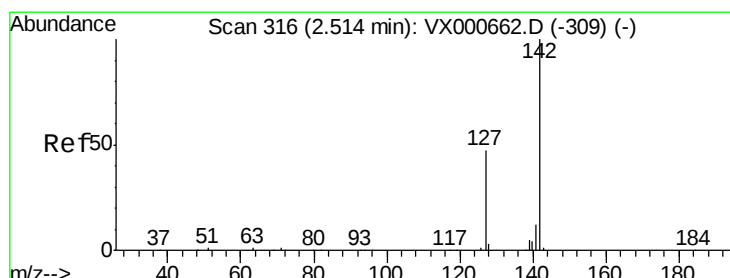
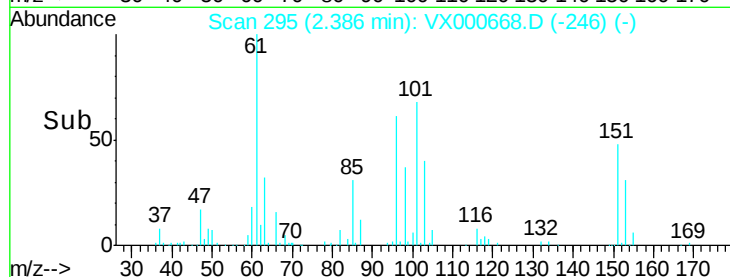
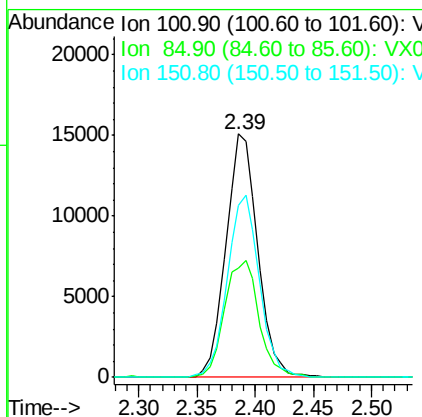
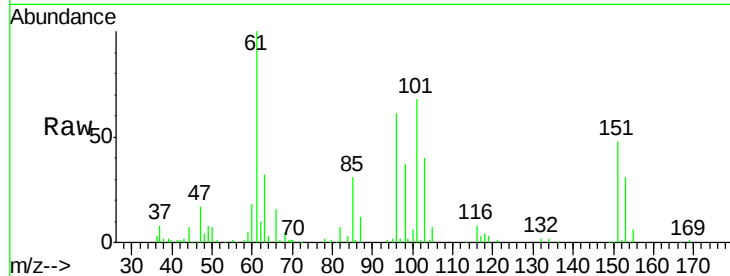
ClientSampleId :

VX0404WBSD01

Tot Ion:	101	Resp:	28649
Ion Ratio	Lower	Upper	
101	100		
85	51.6	40.0	60.0
151	75.5	57.4	86.2

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#10

Methyl Iodide

Concen: 20.26 ug/l

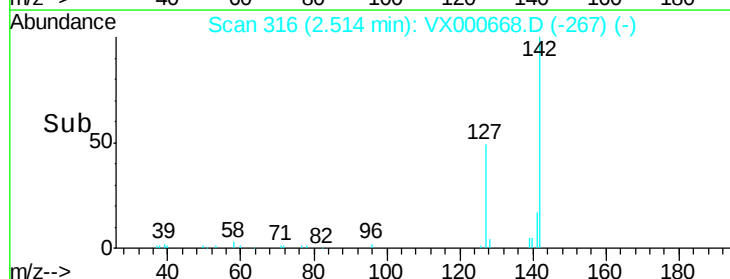
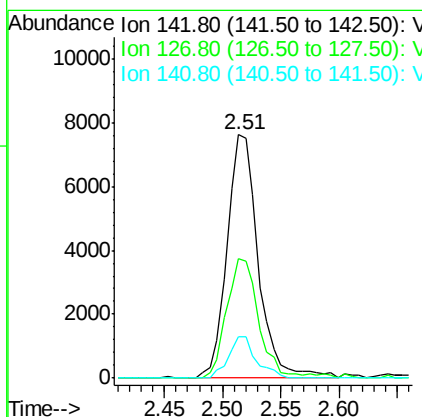
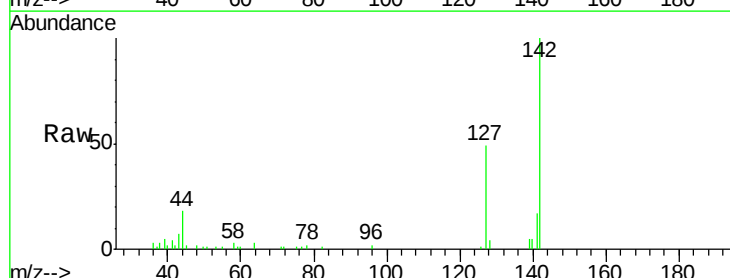
RT: 2.51 min Scan# 316

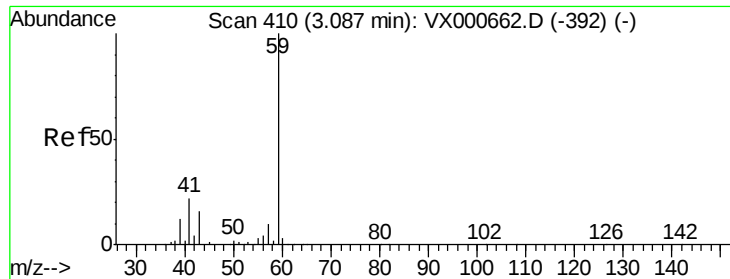
Delta R.T. 0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	142	Resp:	14207
Ion Ratio	Lower	Upper	
142	100		
127	49.7	40.7	61.1
141	15.1	11.1	16.7





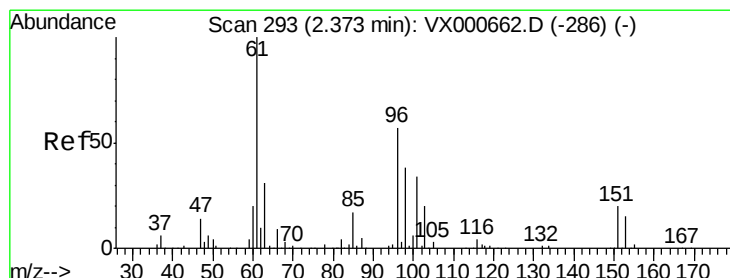
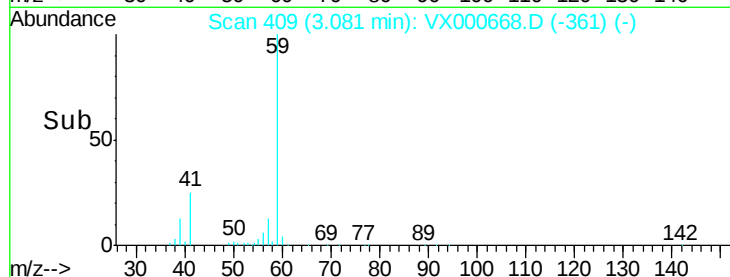
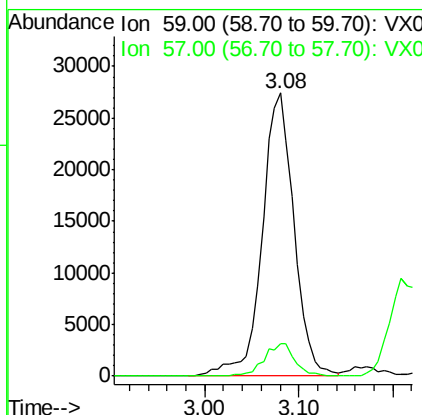
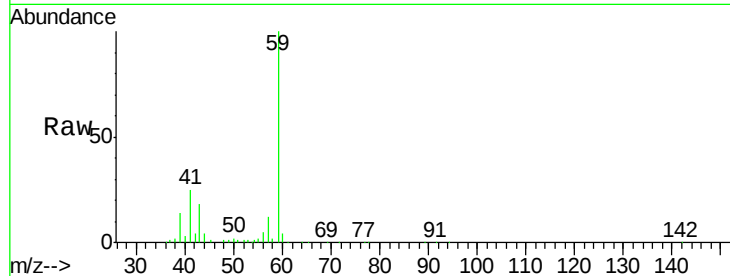
#11
Tert butyl alcohol
Concen: 99.76 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.5	12.7

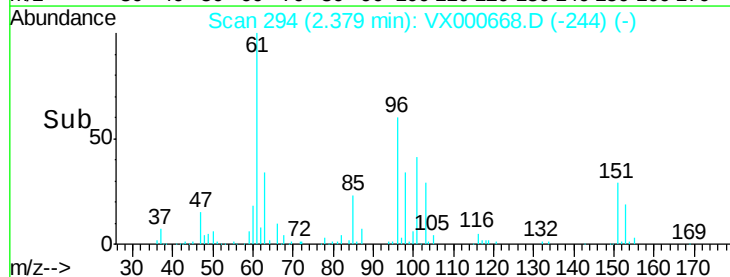
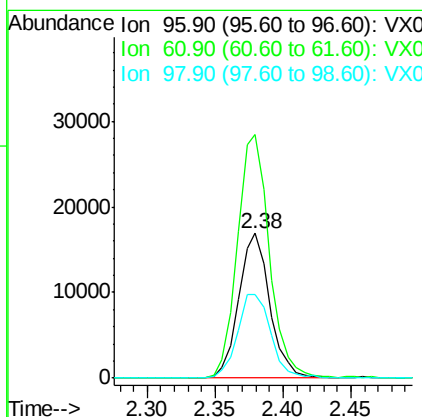
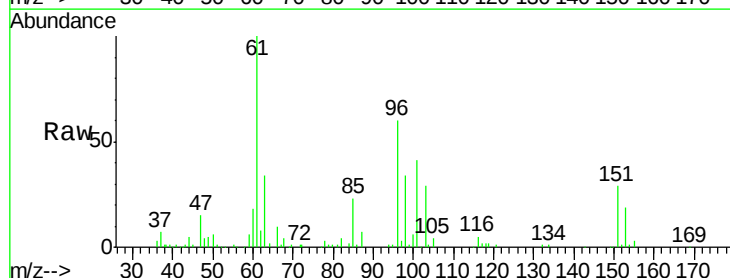
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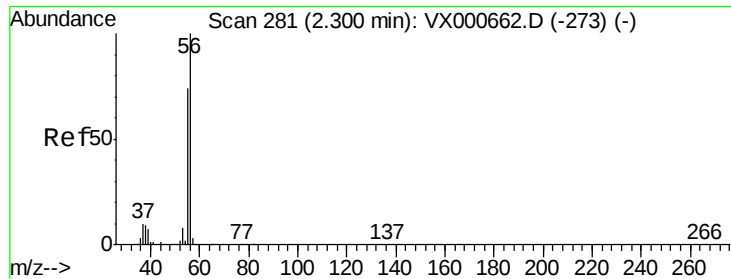
sam
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#12
1,1-Dichloroethene
Concen: 20.03 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.0	140.2	210.2
98	57.8	52.6	79.0





#13

Acrolein

Concen: 93.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 56 Resp: 36237

Ion Ratio Lower Upper

56 100

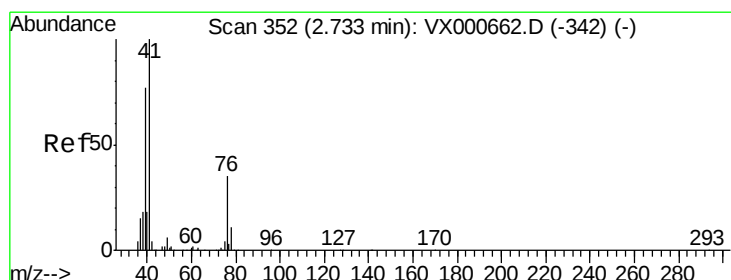
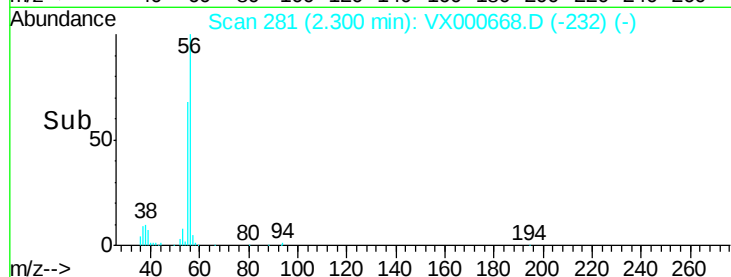
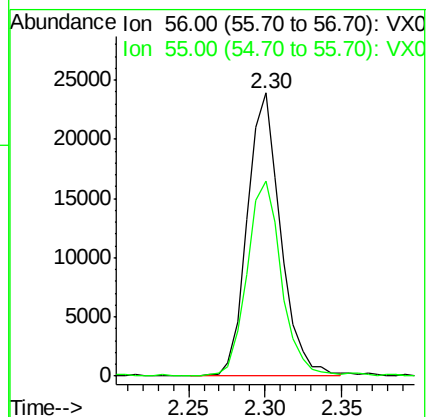
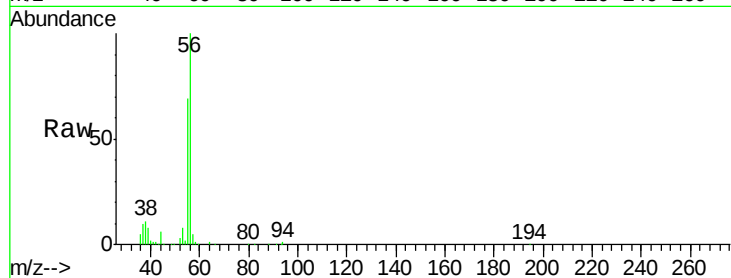
55 71.7 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.80 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

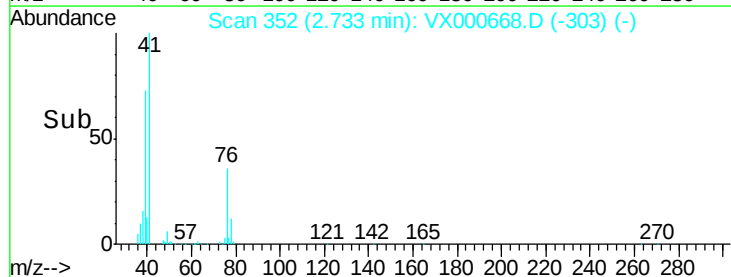
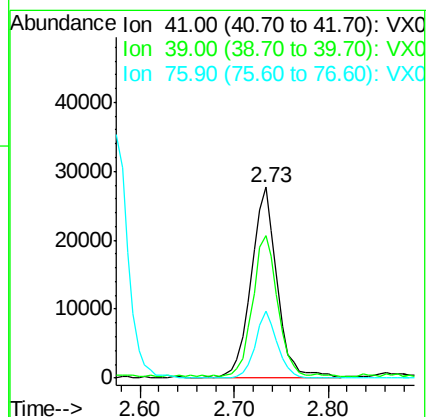
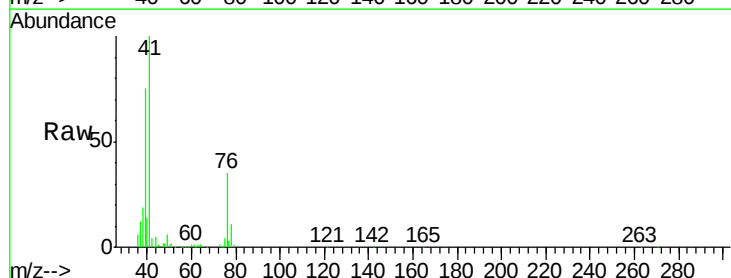
Tgt Ion: 41 Resp: 53345

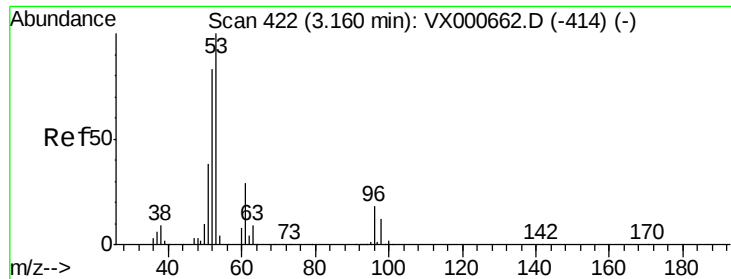
Ion Ratio Lower Upper

41 100

39 71.1 57.0 85.6

76 30.2 23.9 35.9





#15

Acrylonitrile

Concen: 103.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

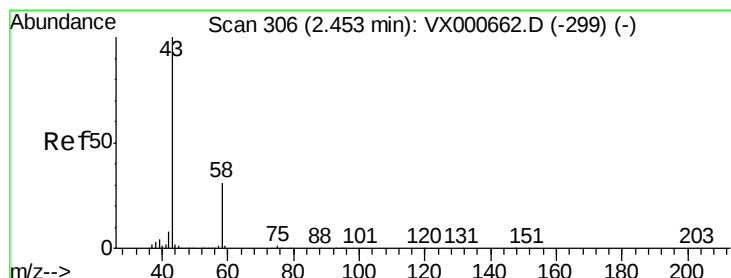
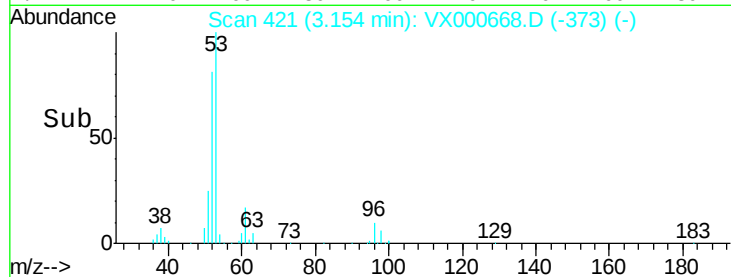
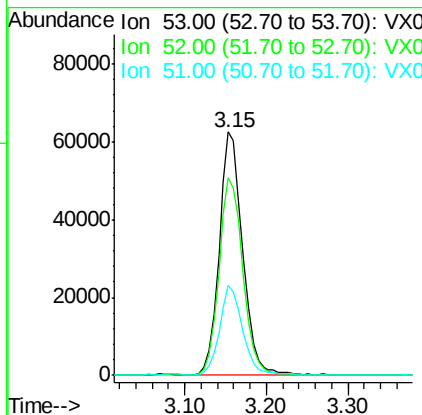
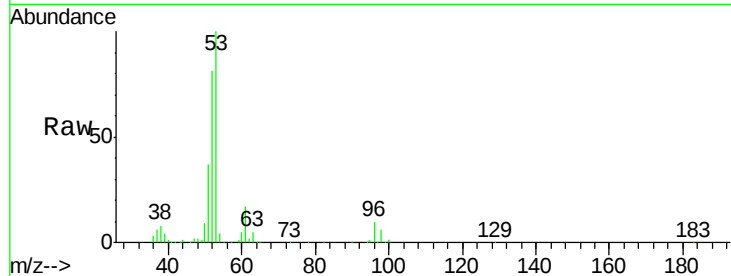
ClientSampleId :

VX0404WBSD01

Tot Ion:	53	Resp:	124046
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.5	99.7
51	36.9	30.6	46.0

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#16

Acetone

Concen: 97.48 ug/l

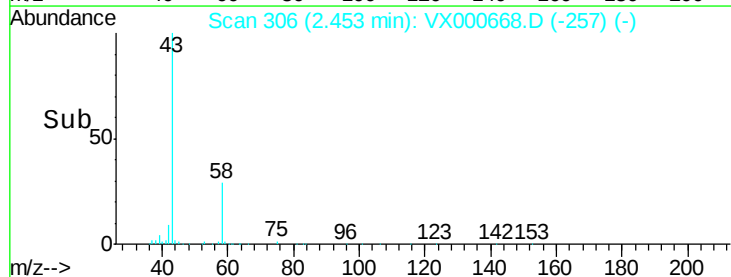
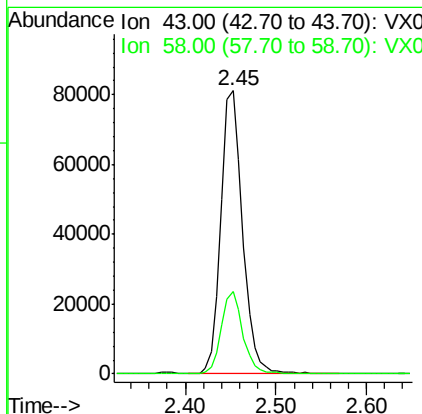
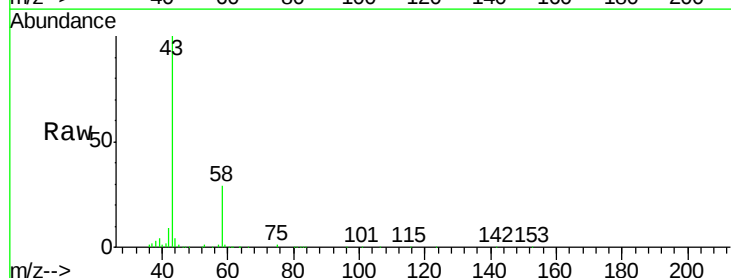
RT: 2.45 min Scan# 306

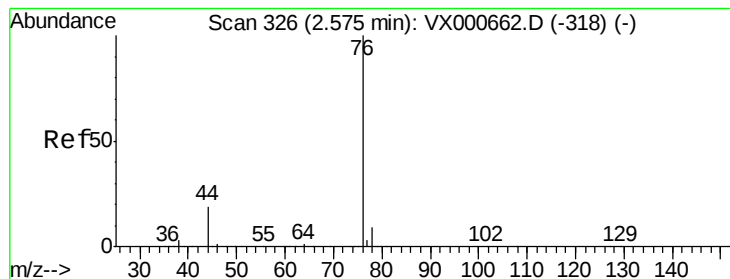
Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	43	Resp:	134816
Ion Ratio		Lower	Upper
43	100		
58	29.0	24.7	37.1





#17

Carbon Disulfide

Concen: 18.95 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 76 Resp: 59830

Ion Ratio Lower Upper

76 100

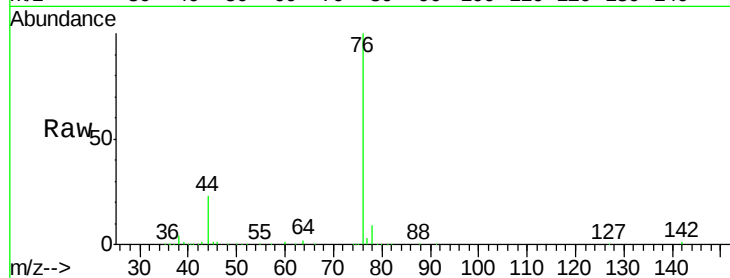
78 8.6 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

40000

30000

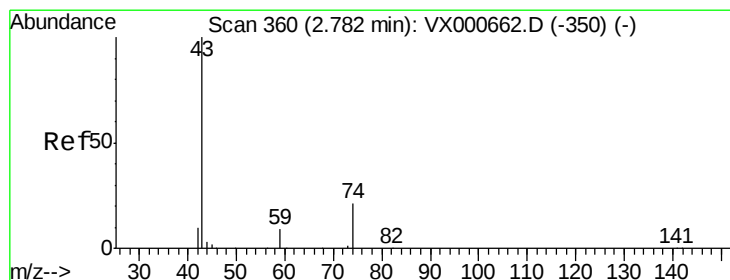
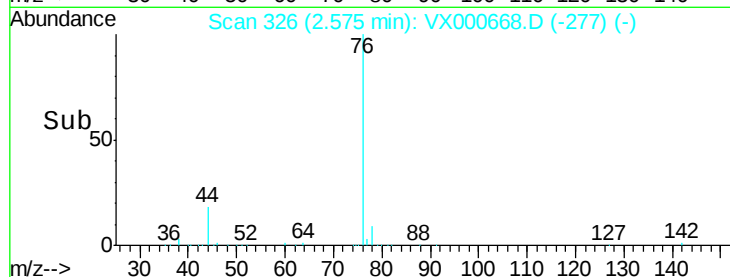
20000

10000

0

2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 21.07 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000668.D

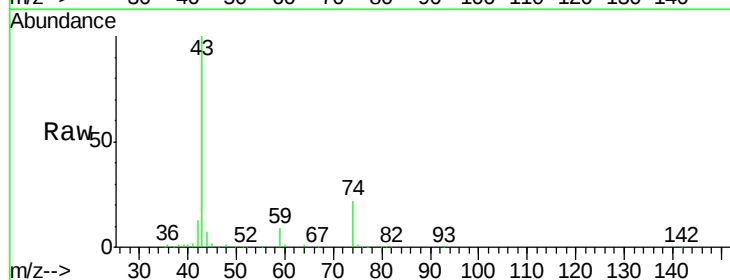
Acq: 04 Apr 2018 20:26

Tgt Ion: 43 Resp: 64968

Ion Ratio Lower Upper

43 100

74 22.6 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

40000

30000

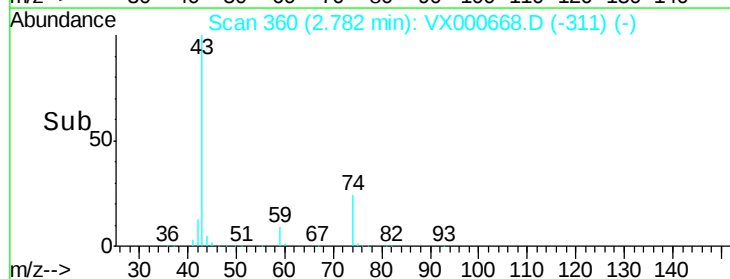
20000

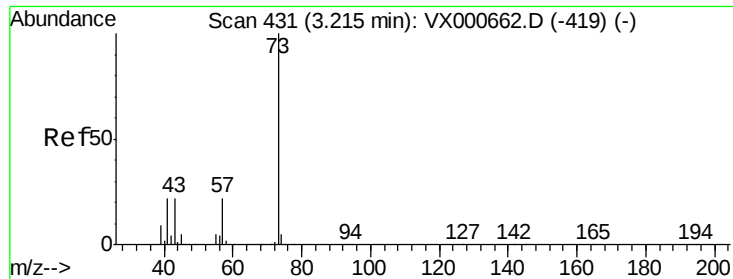
10000

0

2.70 2.75 2.80 2.85 2.90

Time-->





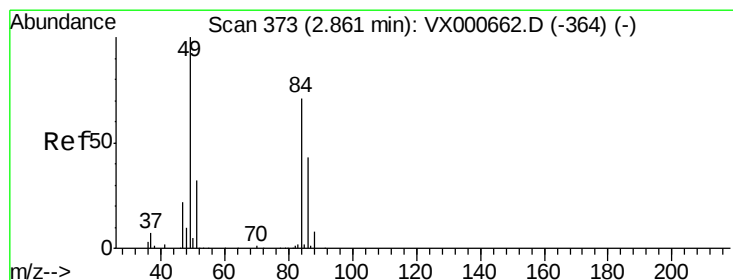
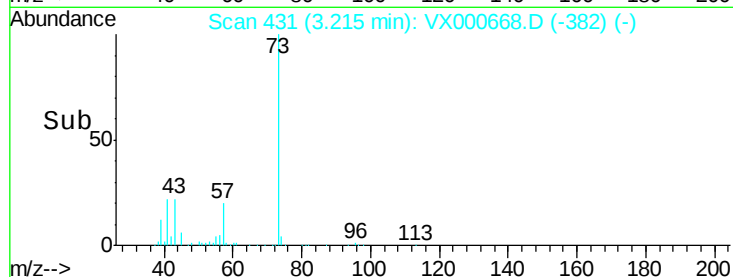
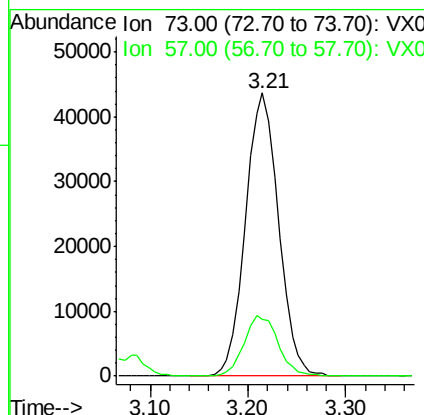
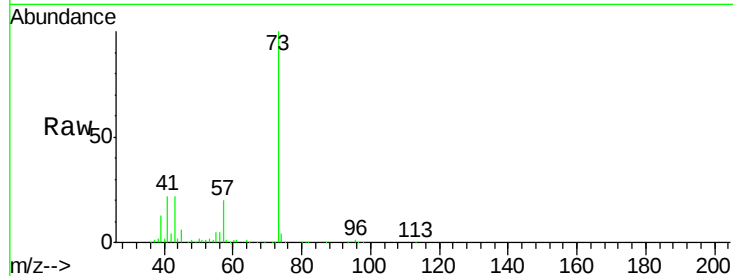
#19
Methyl tert-butyl Ether
Concen: 21.09 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tot Ion: 73 Resp: 102424
Ion Ratio Lower Upper
73 100
57 19.8 17.8 26.6

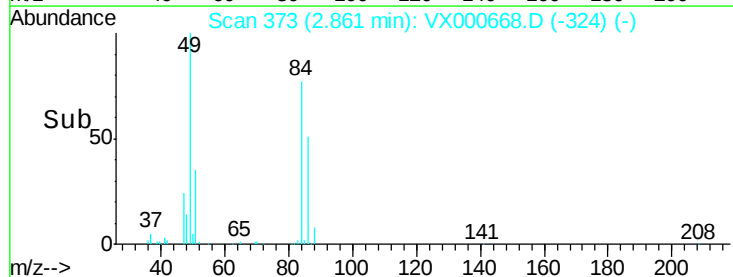
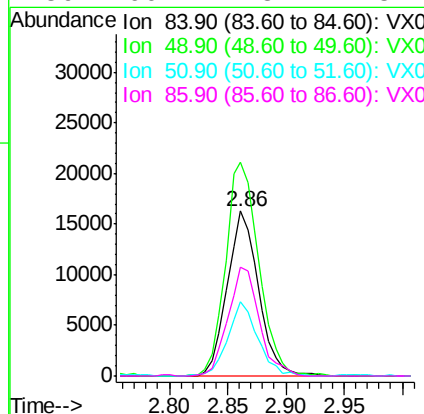
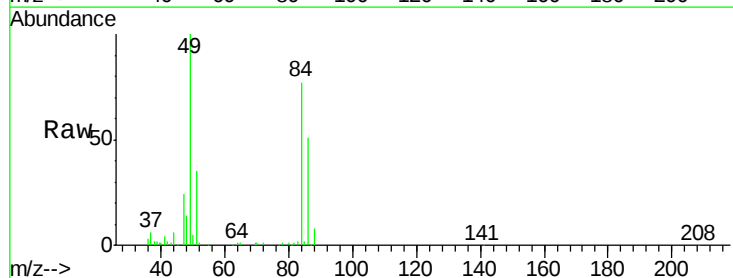
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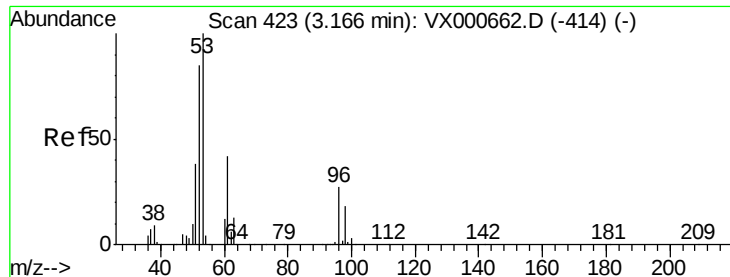
sam
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#20
Methylene Chloride
Concen: 19.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion: 84 Resp: 30382
Ion Ratio Lower Upper
84 100
49 129.4 112.1 168.1
51 44.6 35.4 53.0
86 66.2 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 18.87 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

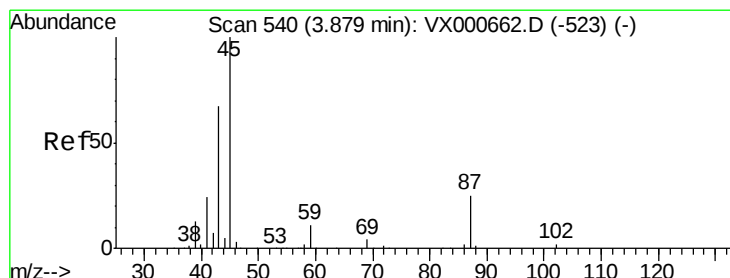
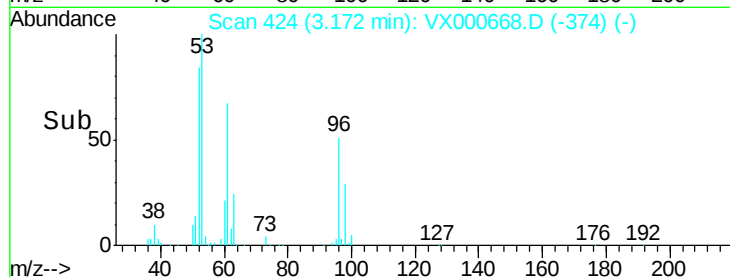
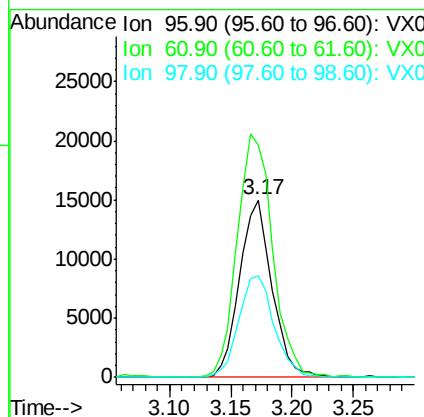
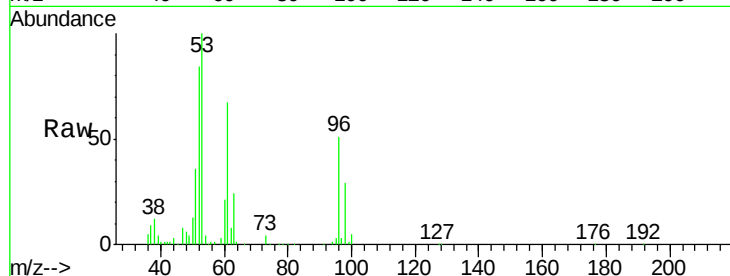
ClientSampleId :

VX0404WBSD01

Tot Ion:	96	Resp:	27485
Ion	Ratio	Lower	Upper
96	100		
61	131.1	123.5	185.3
98	57.5	51.9	77.9

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#22

Diisopropyl ether

Concen: 17.82 ug/l

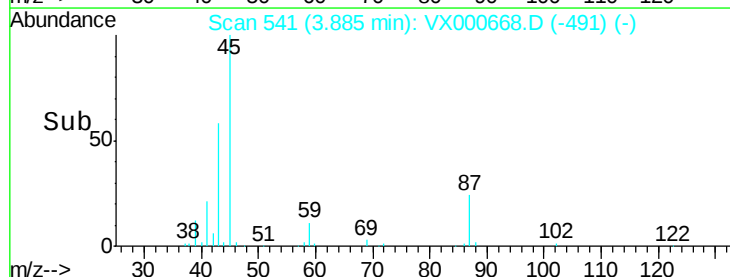
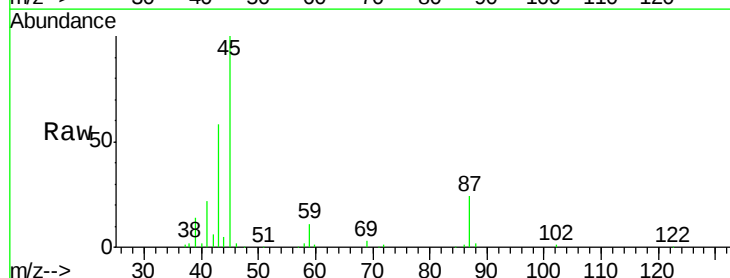
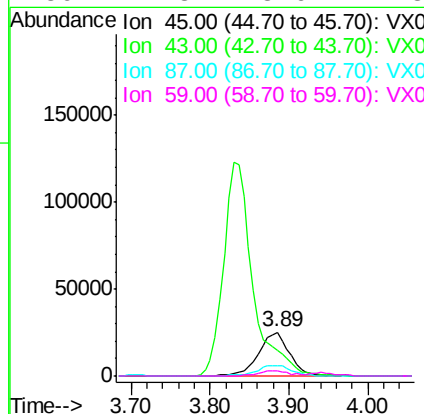
RT: 3.89 min Scan# 541

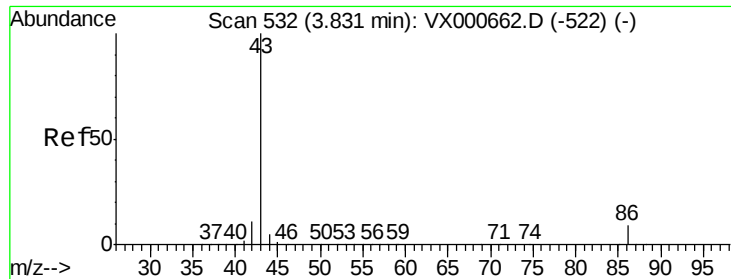
Delta R.T. 0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	45	Resp:	68303
Ion	Ratio	Lower	Upper
45	100		
43	57.9	53.8	80.8
87	24.4	19.8	29.6
59	11.3	8.6	12.8





#23

Vinyl Acetate

Concen: 86.30 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 43 Resp: 319880

Ion Ratio Lower Upper

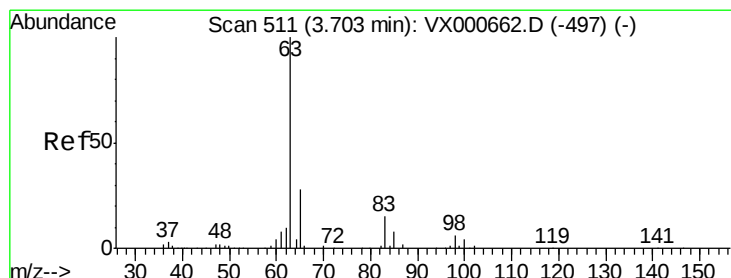
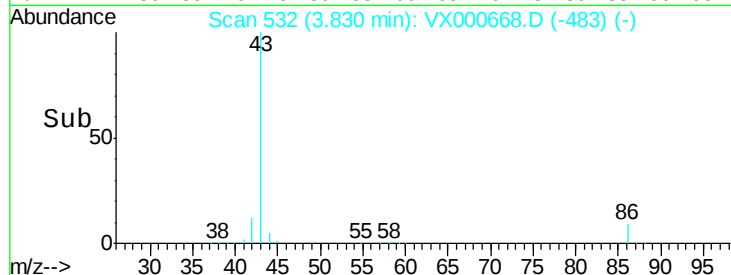
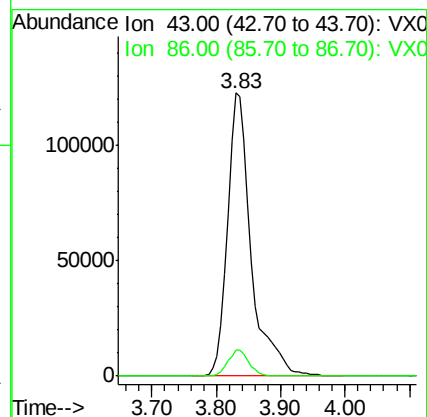
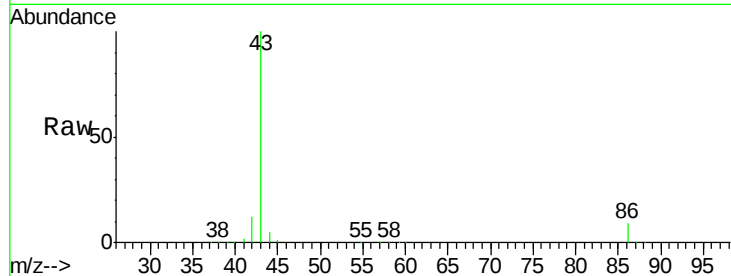
43 100

86 9.4 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 19.55 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

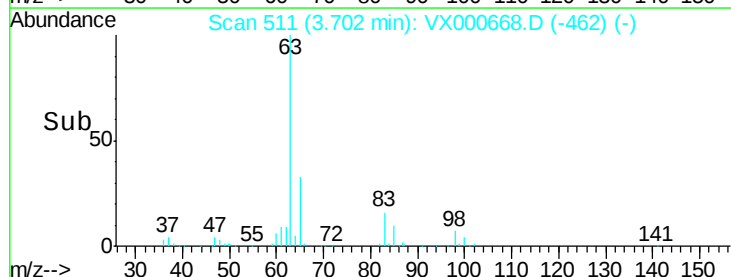
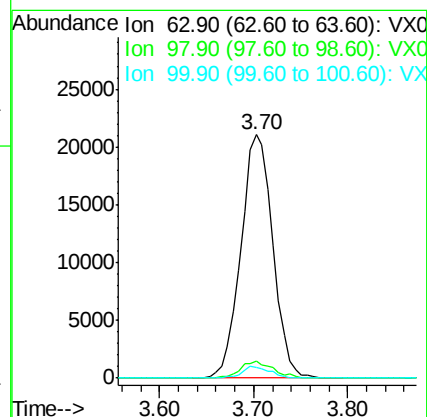
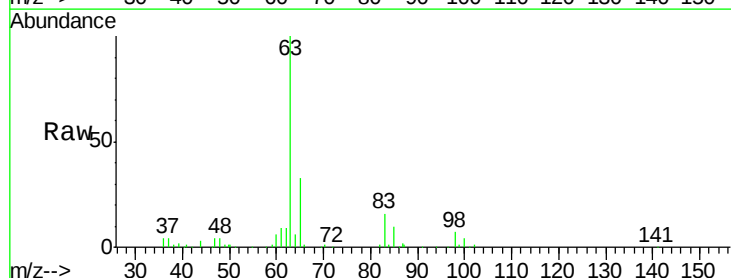
Tgt Ion: 63 Resp: 49812

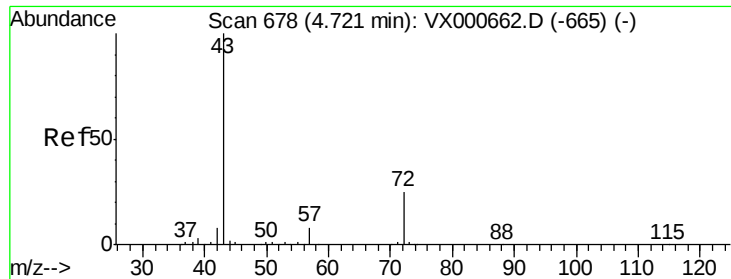
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.0

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 98.83 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 43 Resp: 138552

Ion Ratio Lower Upper

43 100

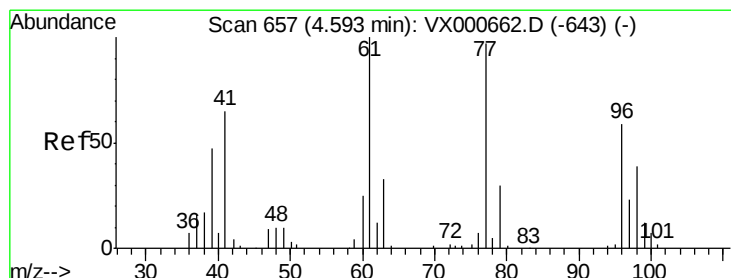
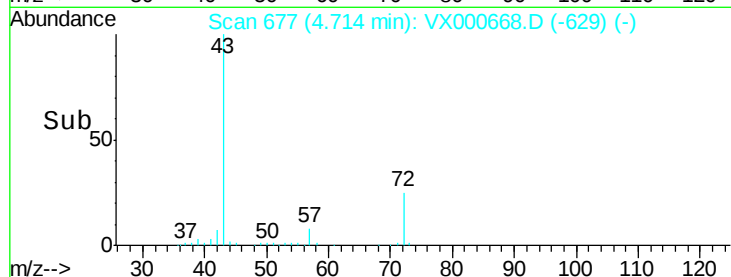
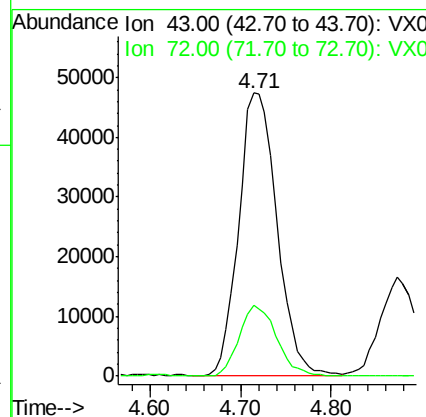
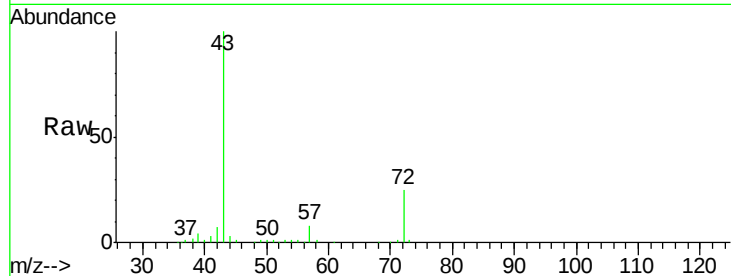
72 24.9 20.0 30.0

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#26

2,2-Dichloropropane

Concen: 20.05 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000668.D

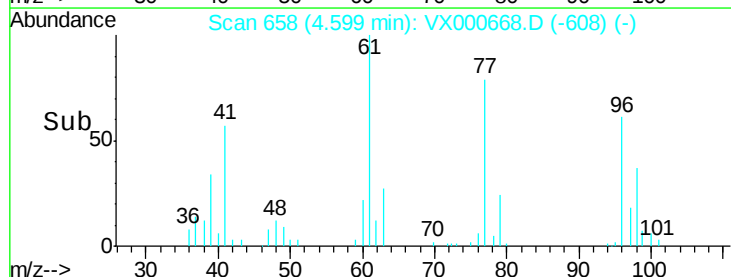
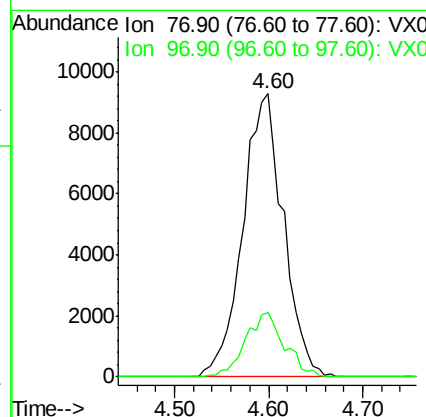
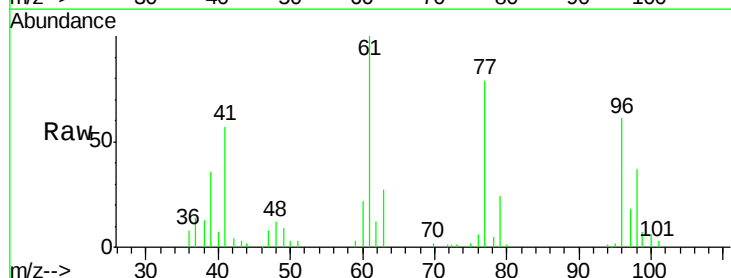
Acq: 04 Apr 2018 20:26

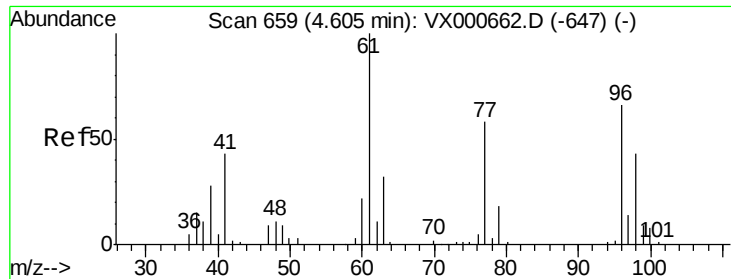
Tgt Ion: 77 Resp: 27975

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.4





#27

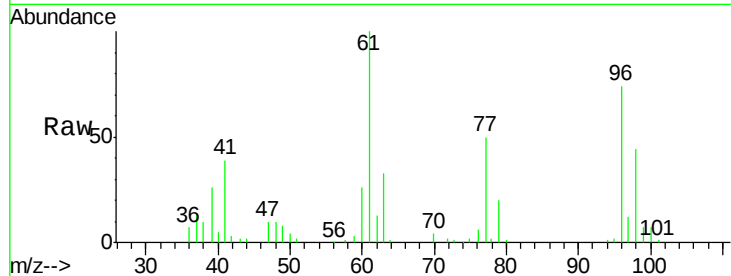
cis-1,2-Dichloroethene
 Concen: 20.85 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	22989		
61	151.0		0.0	309.4
98	63.0		0.0	129.2

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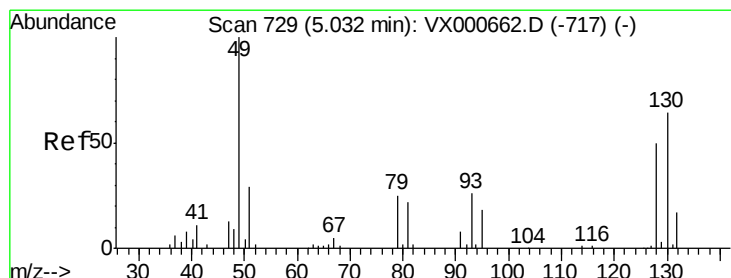
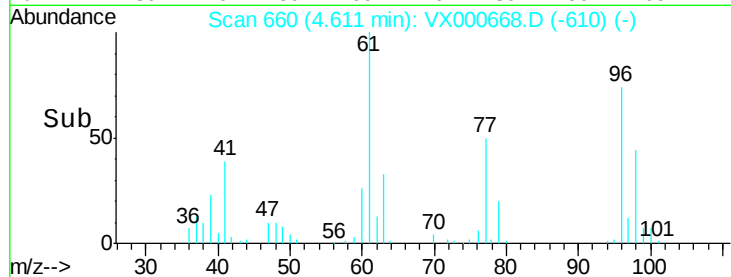
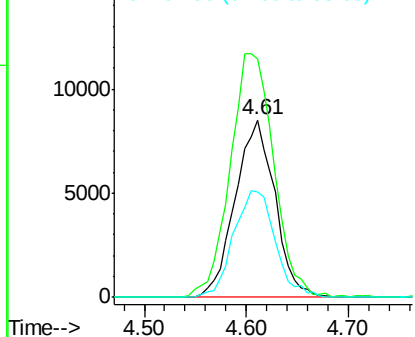


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

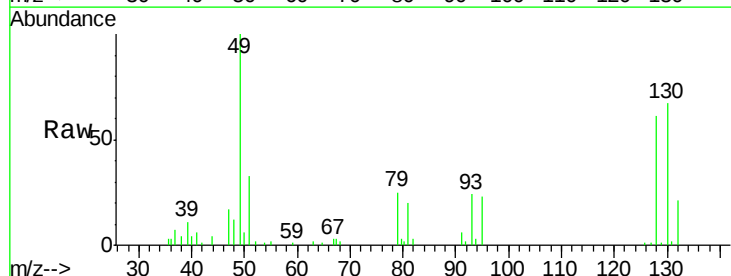
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 19.33 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	18454		
129	1.1		0.0	4.8
130	65.6		53.8	80.6

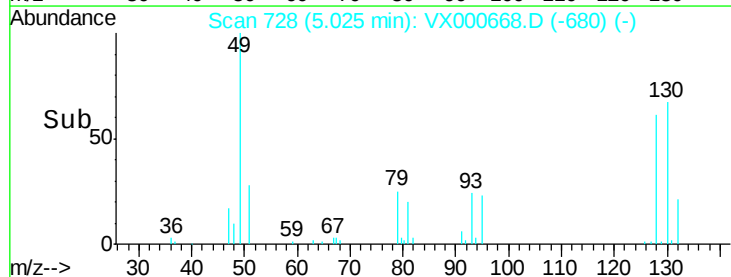
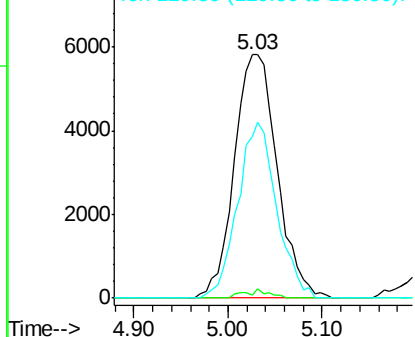


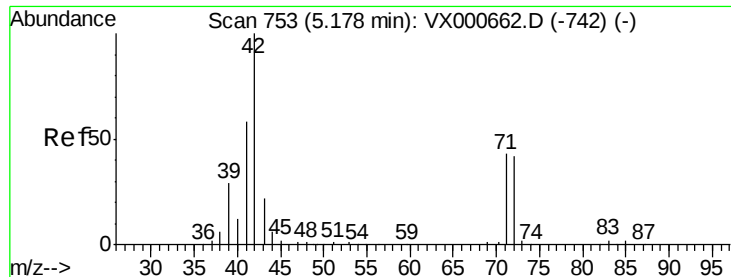
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.54 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

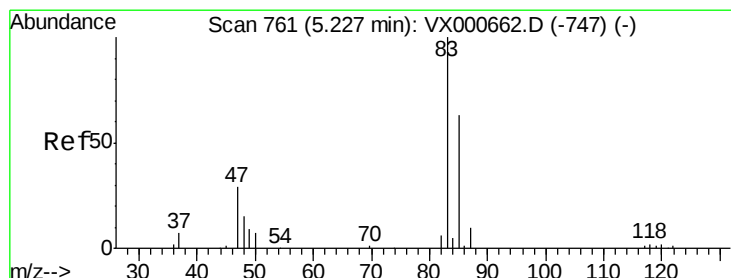
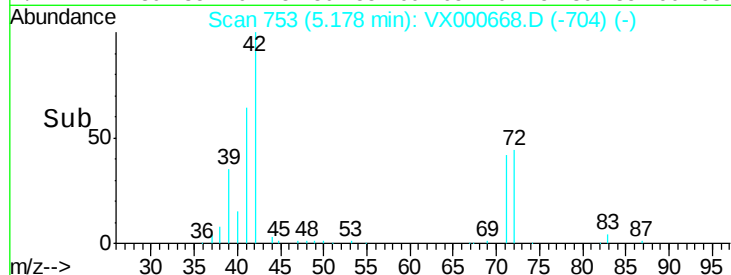
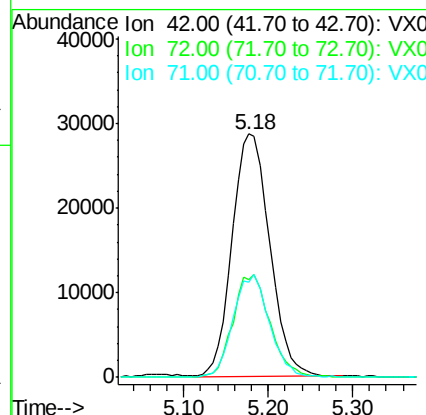
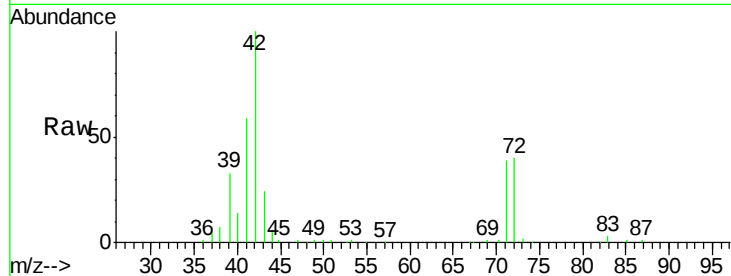
ClientSampleId :

VX0404WBSD01

Tot Ion:	42	Resp:	87082
Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.5	51.7
71	40.8	32.2	48.2

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#30

Chloroform

Concen: 19.55 ug/l

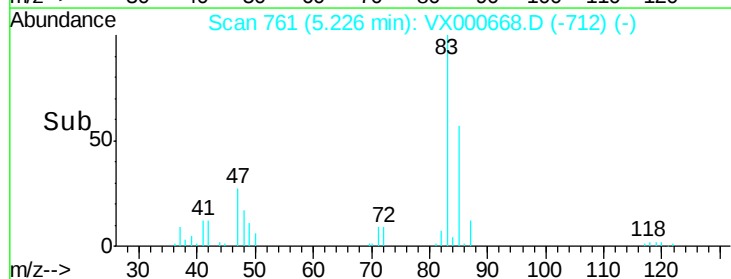
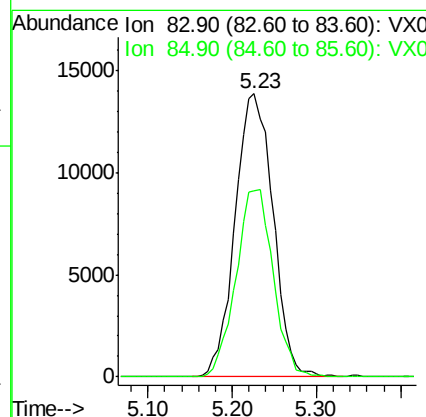
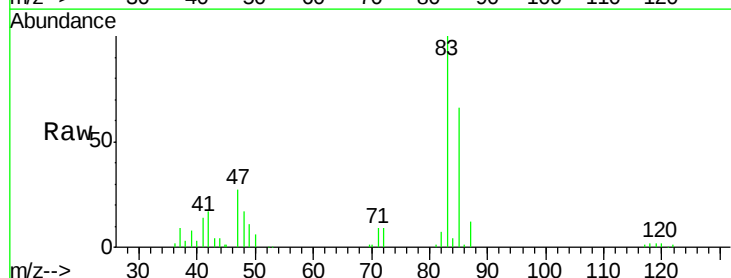
RT: 5.23 min Scan# 761

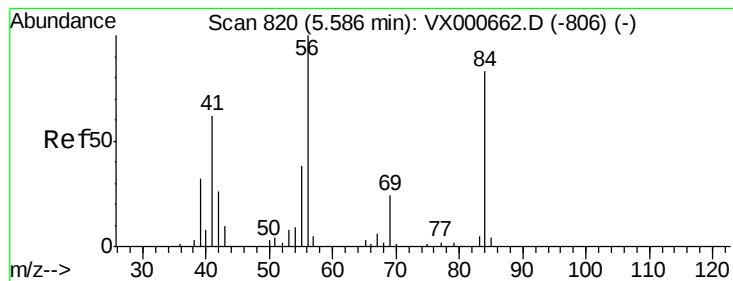
Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	83	Resp:	42235
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.4





#31

Cyclohexane

Concen: 18.88 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

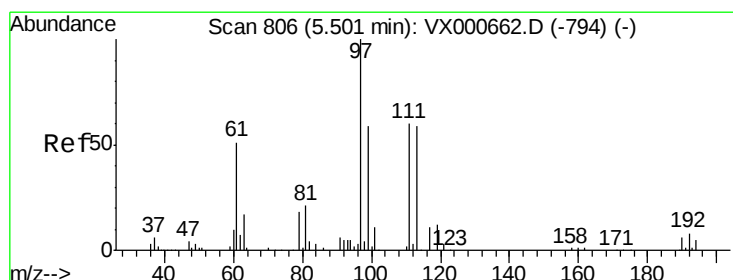
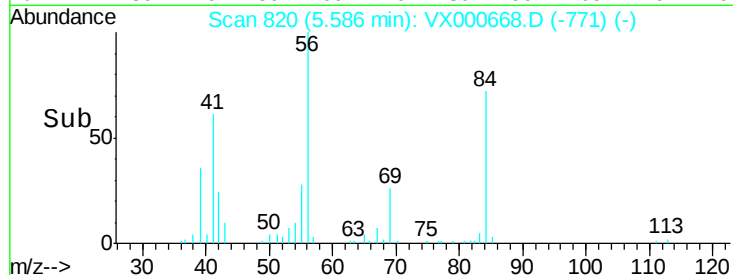
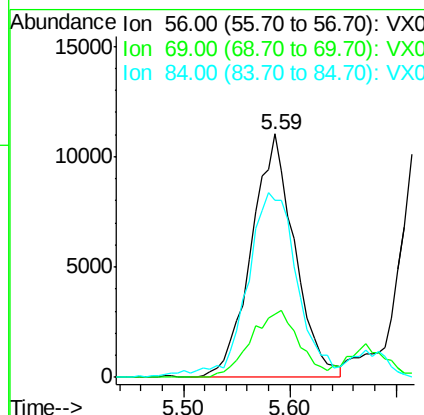
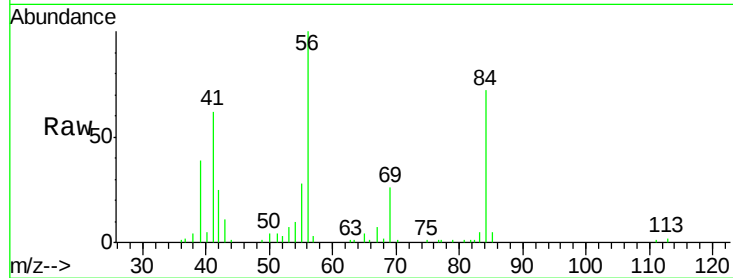
ClientSampleId :

VX0404WBSD01

Tot Ion:	56	Resp:	31329
Ion	Ratio	Lower	Upper
56	100		
69	25.7	19.4	29.0
84	70.8	66.8	100.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.66 ug/l

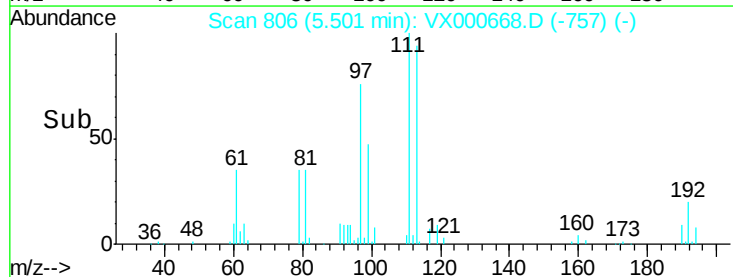
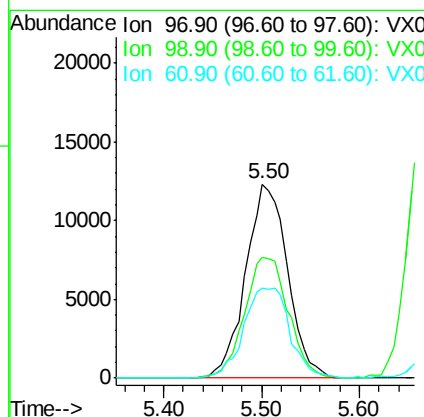
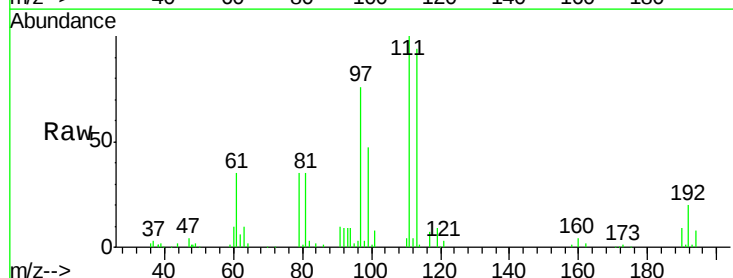
RT: 5.50 min Scan# 806

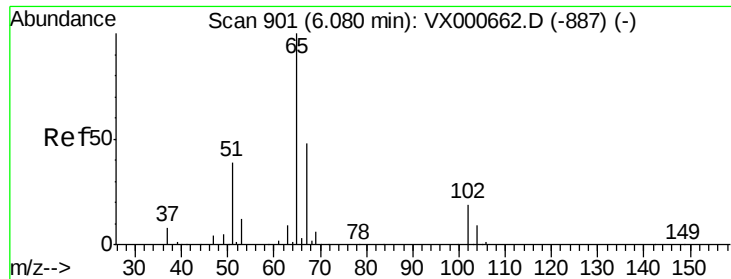
Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	97	Resp:	36725
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.7	77.5
61	51.5	41.4	62.2





#33

1,2-Dichloroethane-d4

Concen: 47.29 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampled :

VX0404WBSD01

Tot Ion: 65 Resp: 79487

Ion Ratio Lower Upper

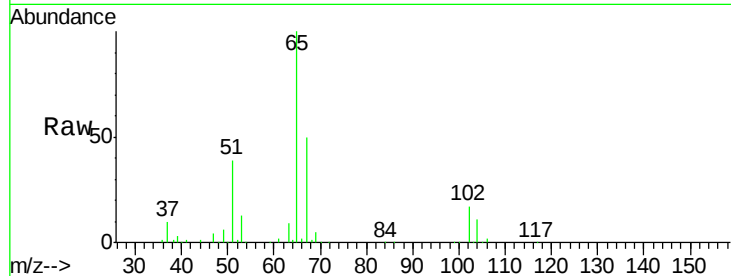
65 100

67 50.9 0.0 99.8

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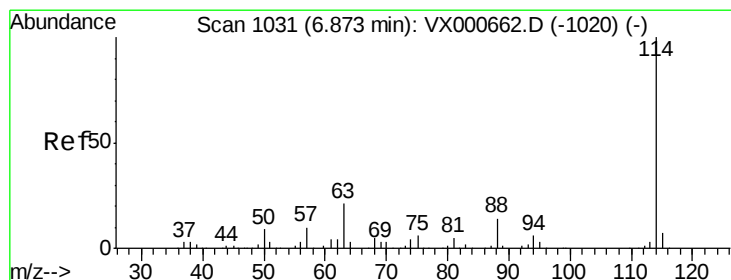
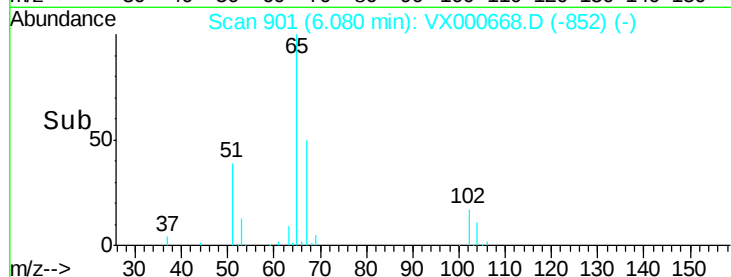
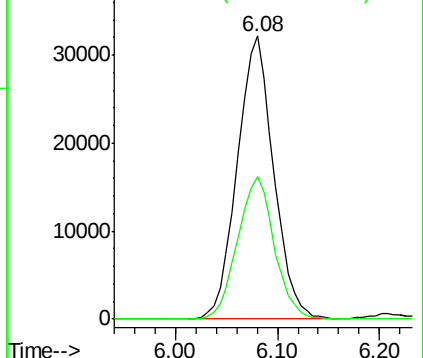
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX000668.D

Acq: 04 Apr 2018 20:26

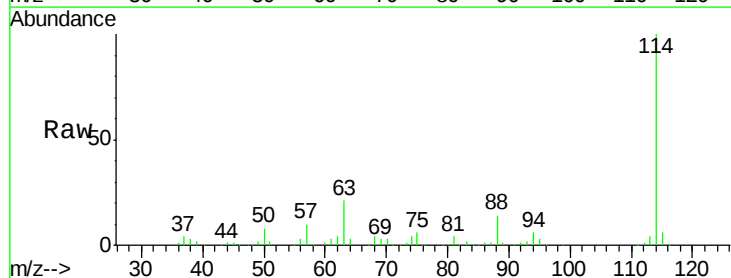
Tgt Ion: 114 Resp: 173633

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

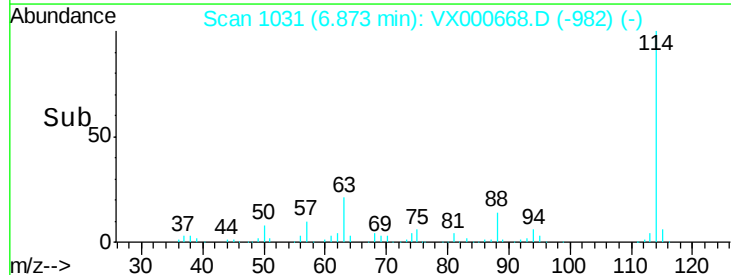
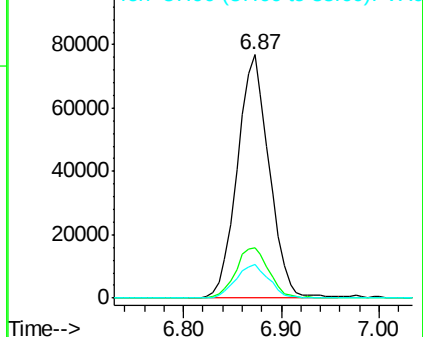
88 14.0 0.0 28.6

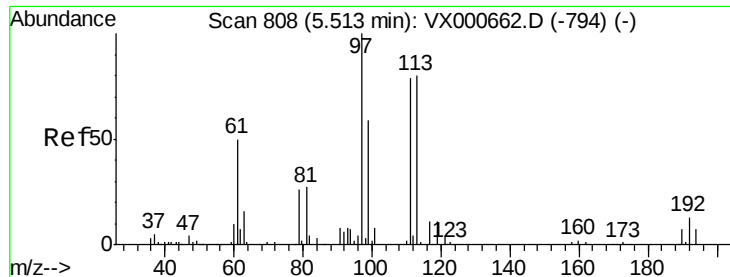


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





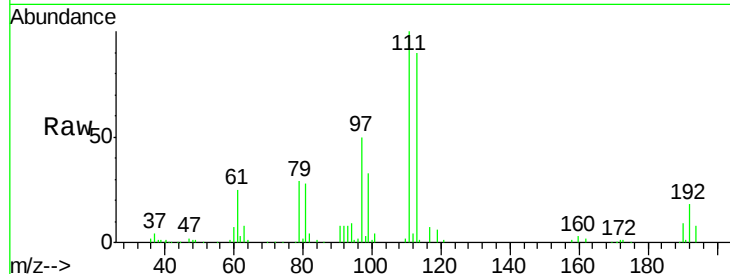
#35
Dibromofluoromethane
Concen: 48.07 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

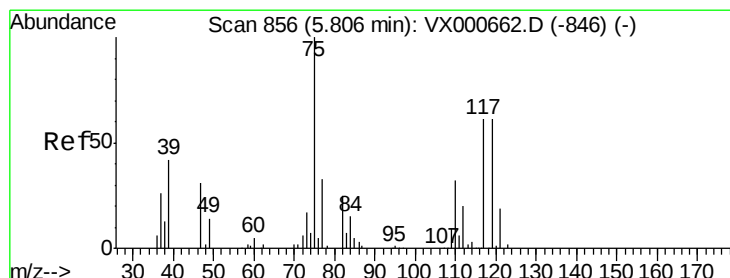
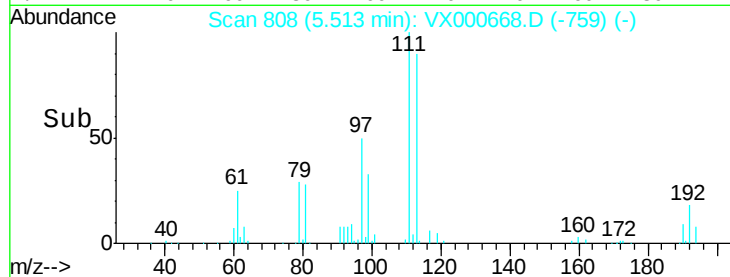
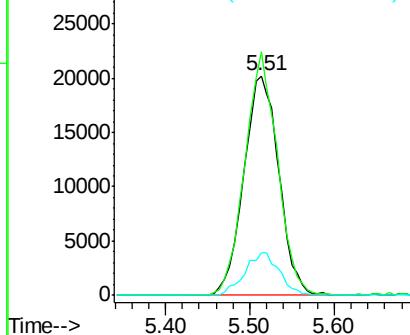
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.1	14.3	21.5

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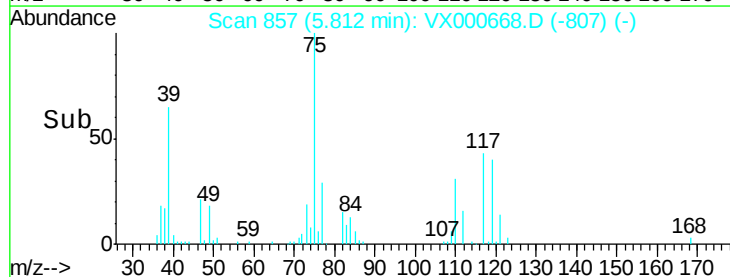
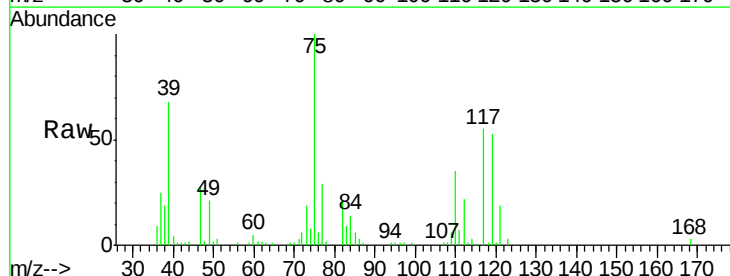
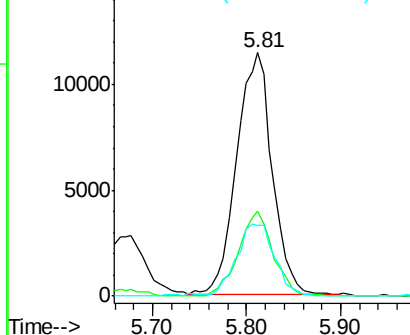
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

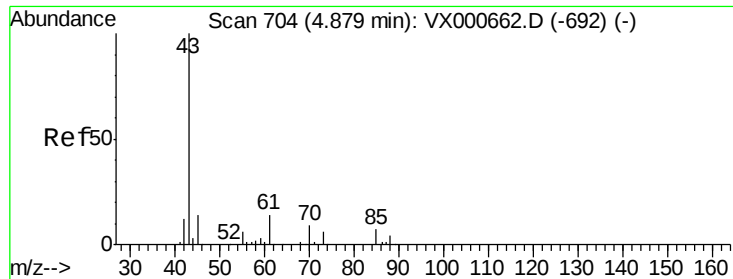


#36
1,1-Dichloropropene
Concen: 18.70 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.3	48.9
77	32.0	24.3	36.5

Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





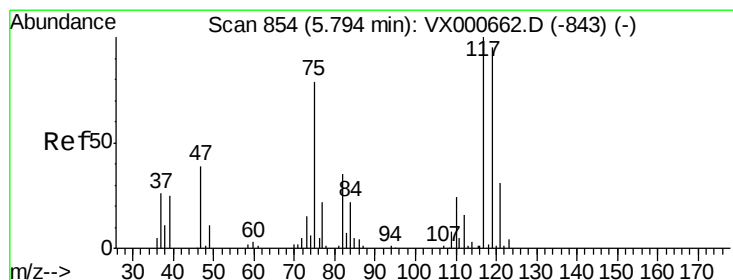
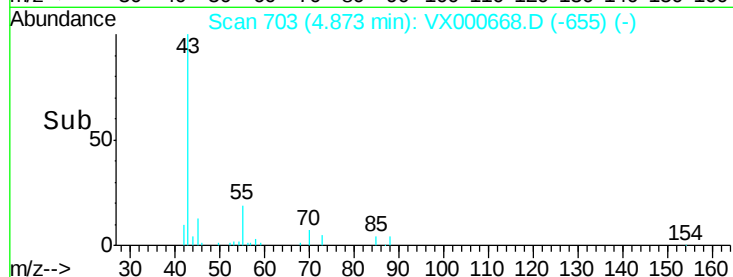
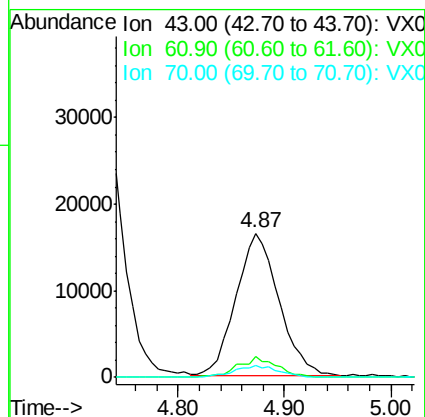
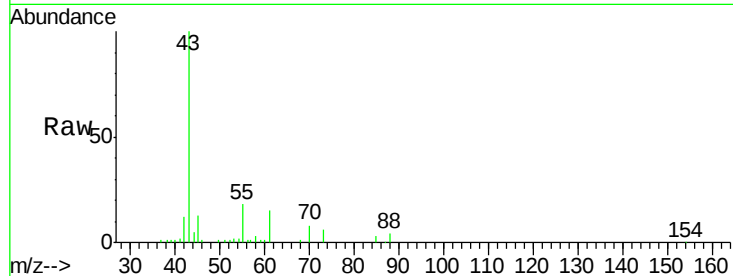
#37
Ethyl Acetate
Concen: 18.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	8.4	6.8	10.2

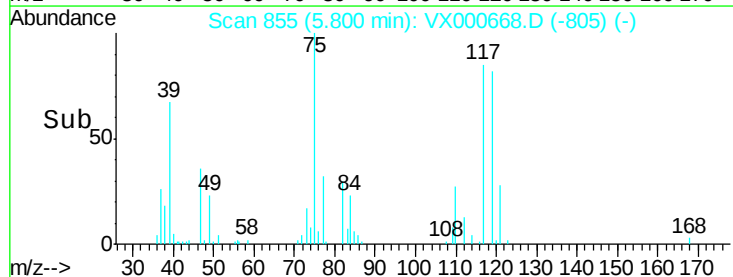
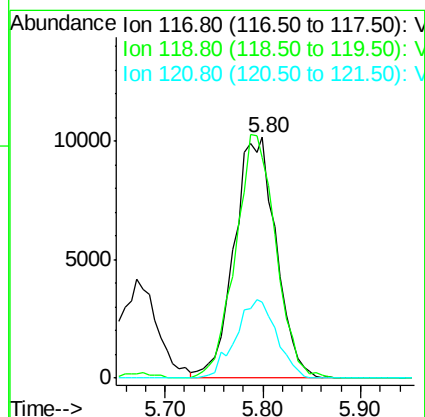
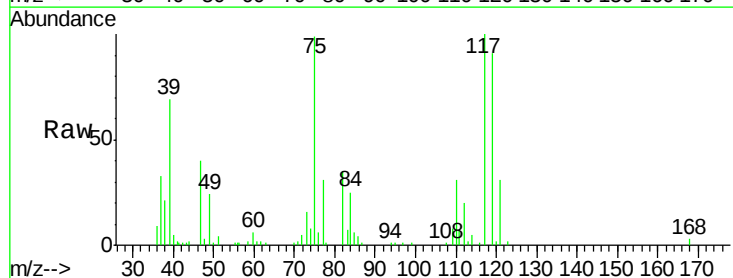
Manual Integrations
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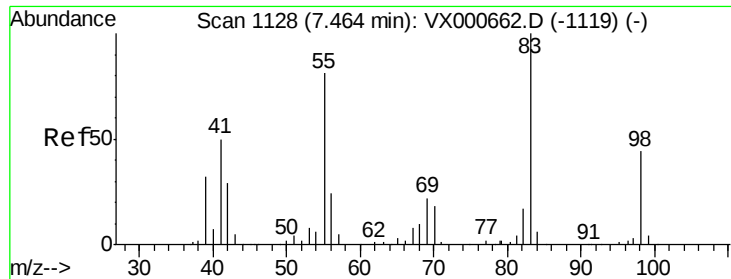
sam
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#38
Carbon Tetrachloride
Concen: 19.38 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.1	114.1
121	31.4	24.8	37.2





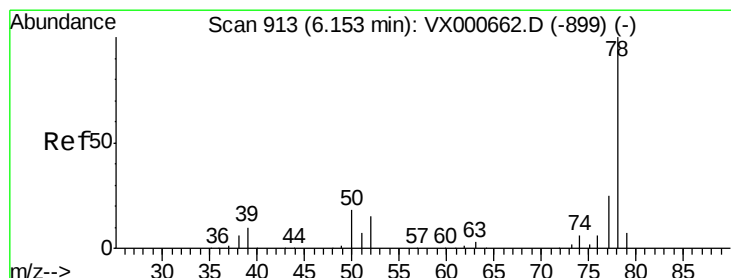
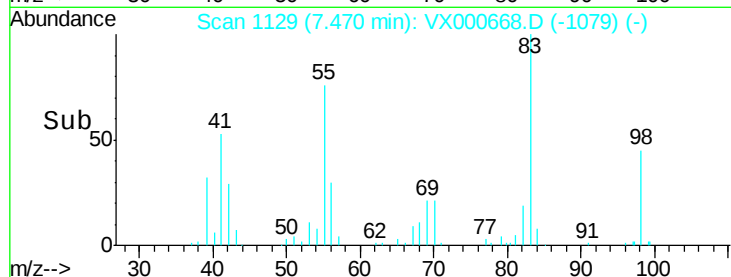
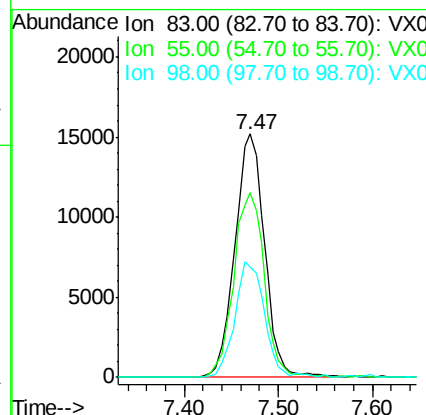
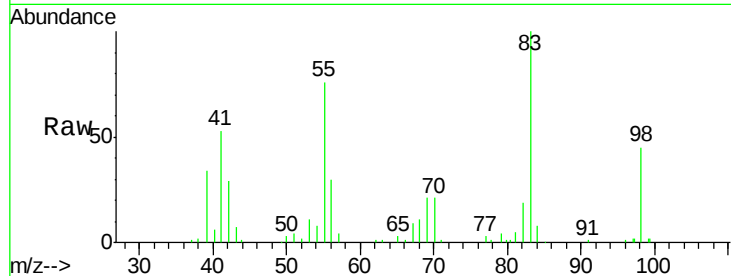
#39
Methvlcvclohexane
Concen: 17.90 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	64.5	96.7
98	45.2	35.0	52.6

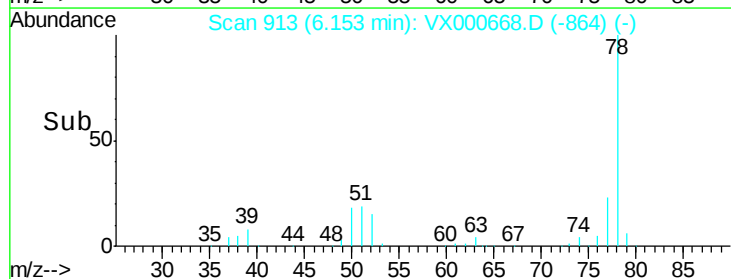
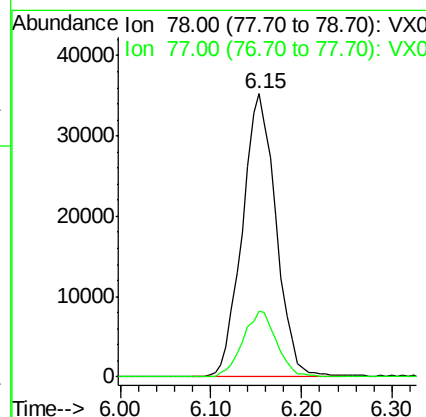
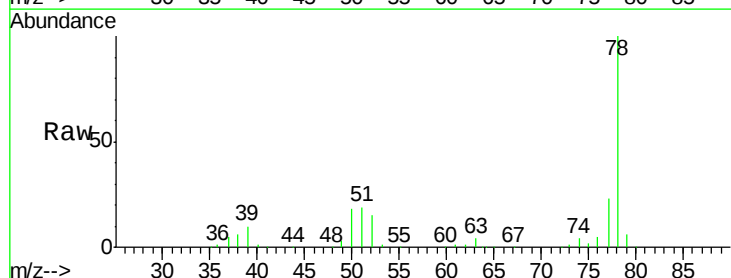
Manual Integrations
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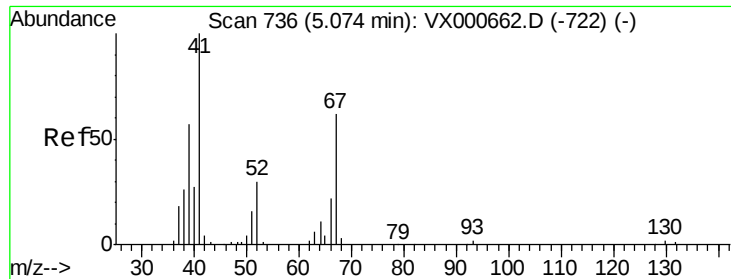
sam
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#40
Benzene
Concen: 19.73 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.2	30.2





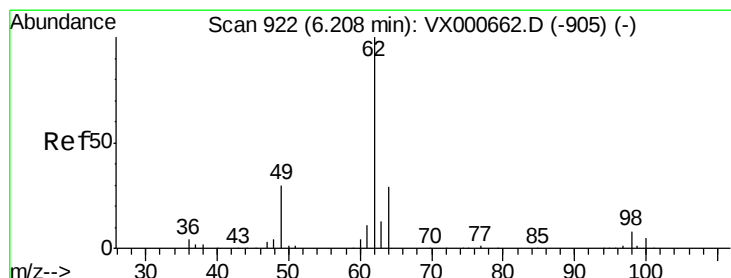
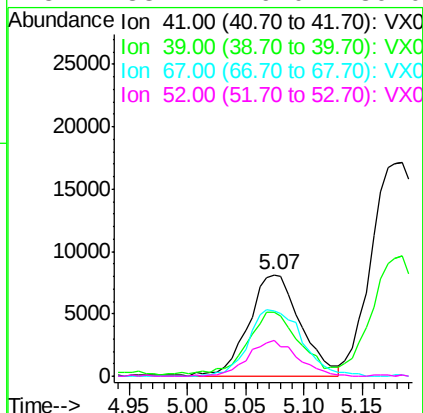
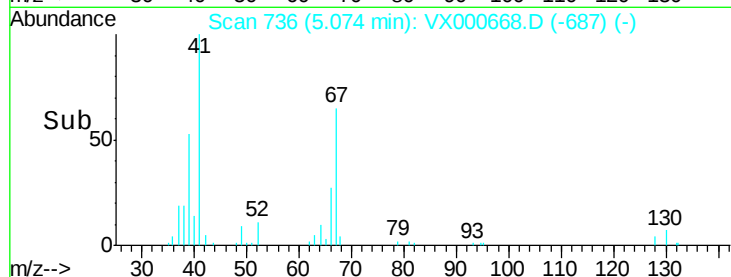
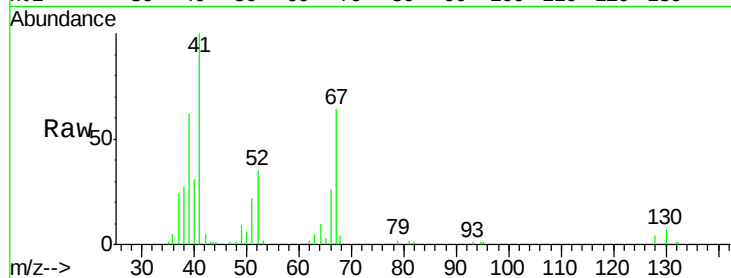
#41
Methacrylonitrile
Concen: 18.68 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tot Ion	41	Resp	25085
Ion	Ratio	Lower	Upper
41	100		
39	63.0	46.2	69.4
67	67.9	52.4	78.6
52	33.7	26.0	39.0

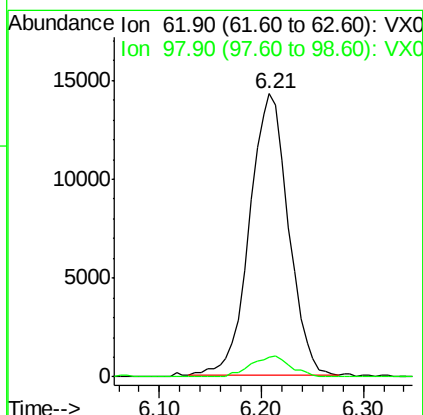
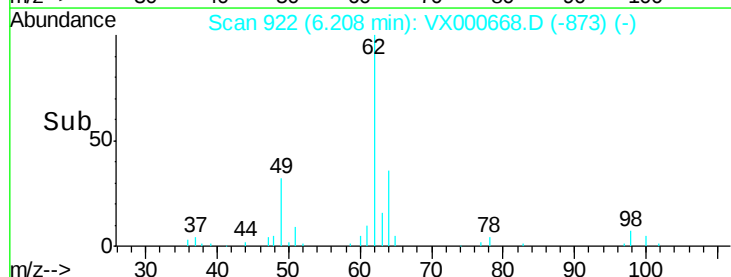
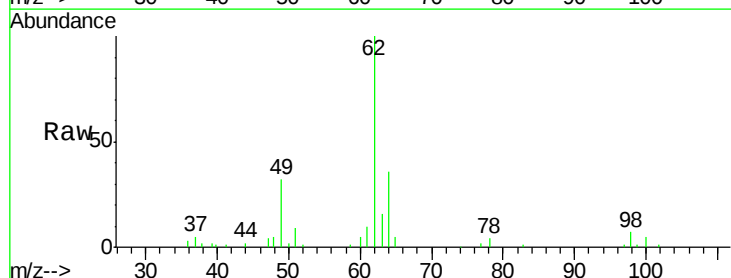
Manual Integrations
APPROVED

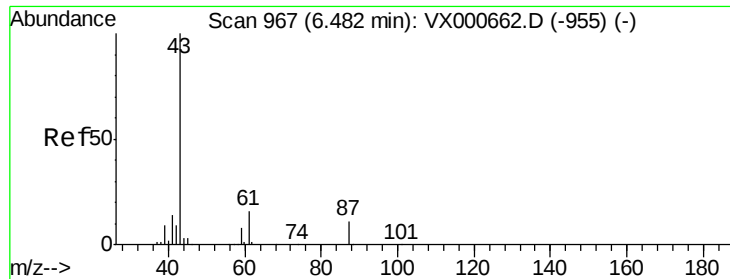
sam
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#42
1,2-Dichloroethane
Concen: 19.56 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	62	Resp	37626
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.2





#43

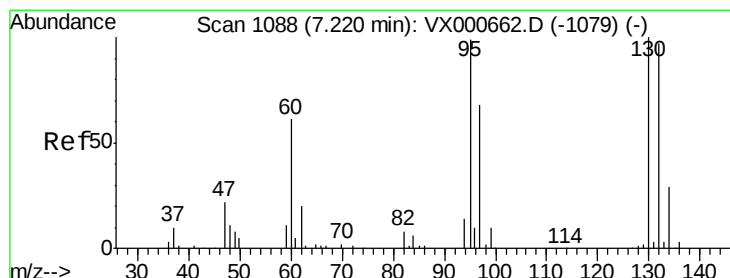
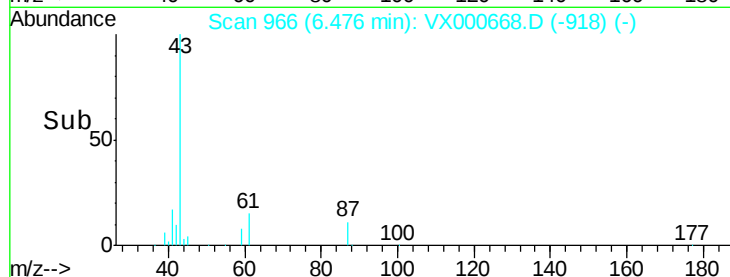
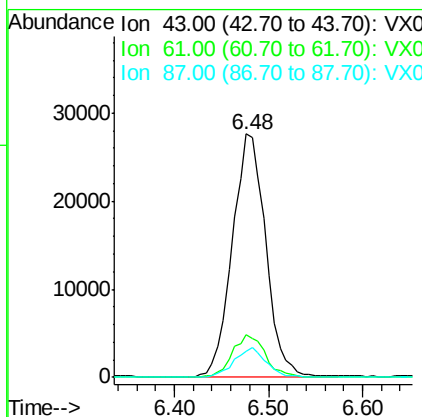
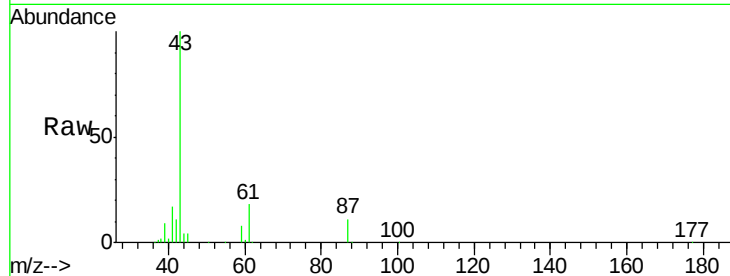
Isopropyl Acetate
 Concen: 19.30 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.1	13.4	20.2
87	11.6	9.4	14.0

Manual Integrations
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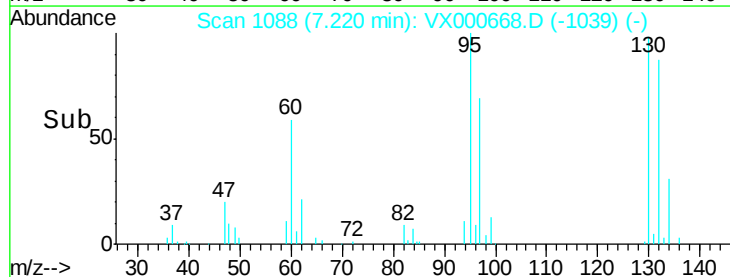
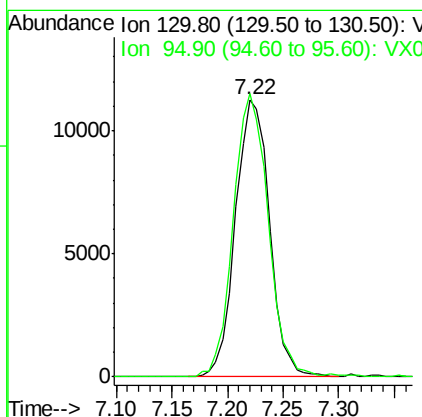
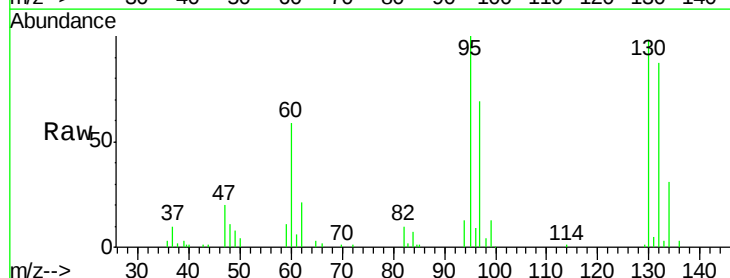
sam
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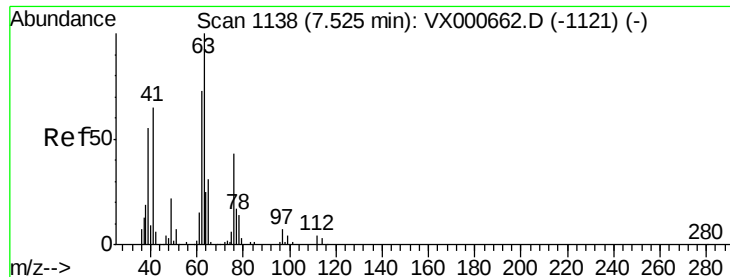


#44

Trichloroethene
 Concen: 18.85 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	198.8





#45

1,2-Dichloropropane

Concen: 18.85 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 63 Resp: 23381

Ion Ratio Lower Upper

63 100

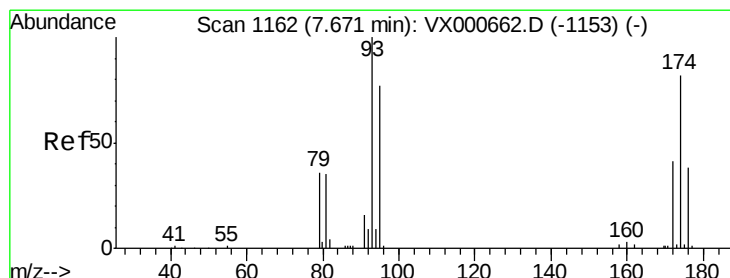
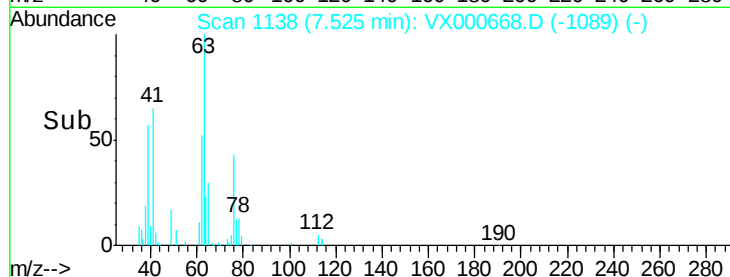
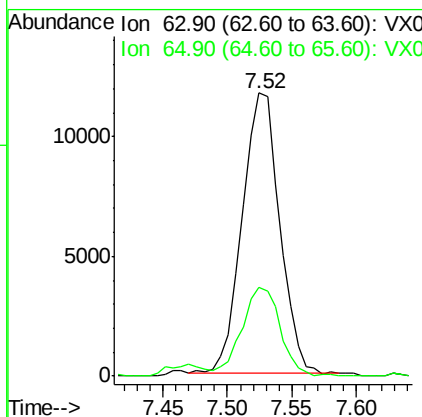
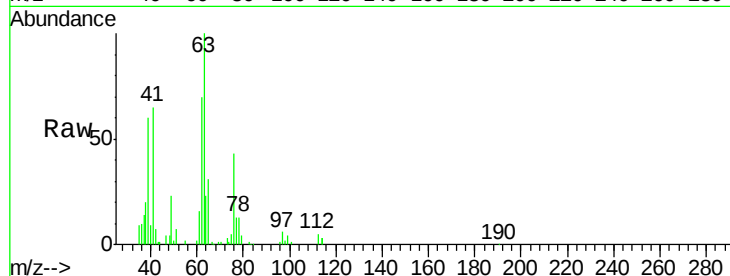
65 31.7 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 20.44 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

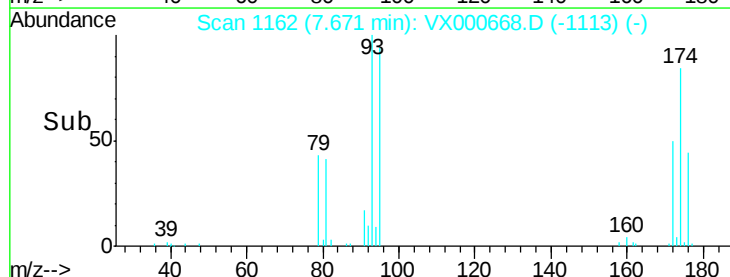
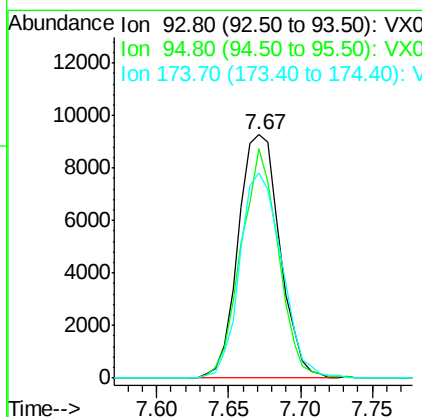
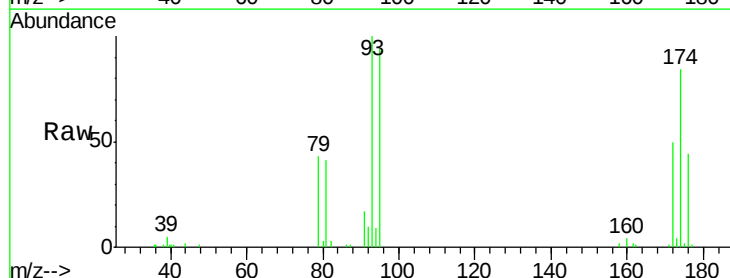
Tgt Ion: 93 Resp: 18597

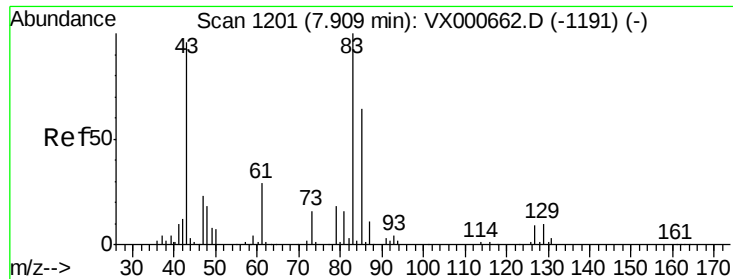
Ion Ratio Lower Upper

93 100

95 85.0 65.3 97.9

174 84.7 70.2 105.4





#47

Bromodichloromethane

Concen: 19.88 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

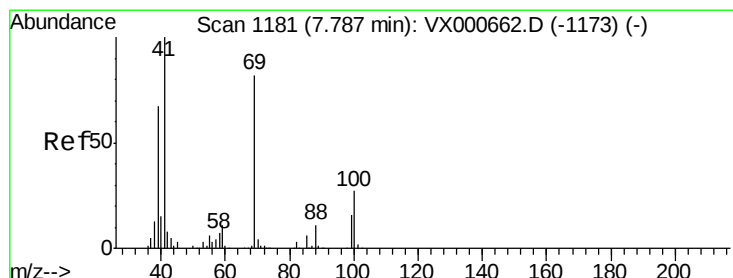
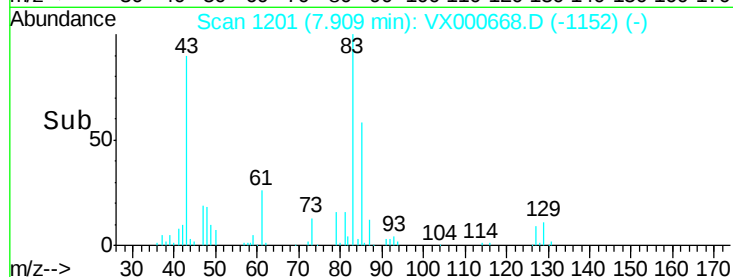
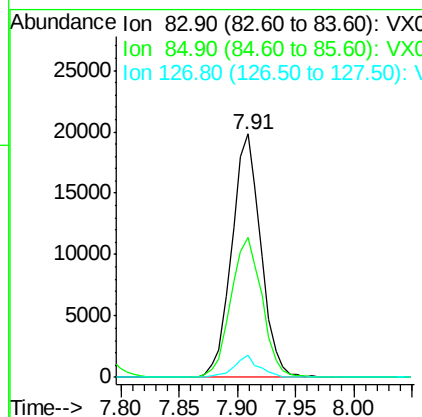
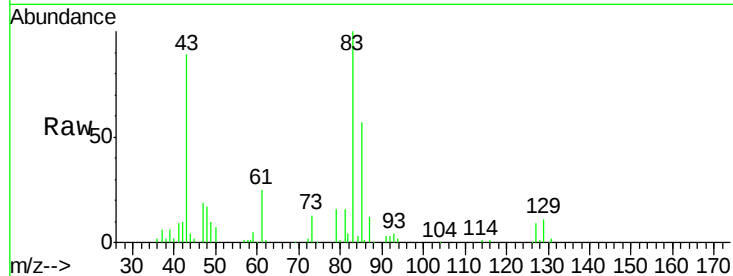
ClientSampled :

VX0404WBSD01

Tot Ion:	83	Resp:	34403
Ion	Ratio	Lower	Upper
83	100		
85	57.4	51.4	77.0
127	8.9	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.80 ug/l

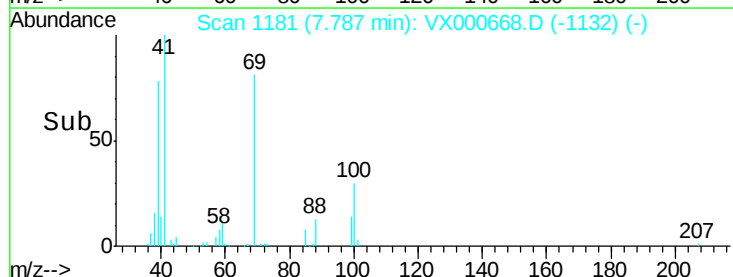
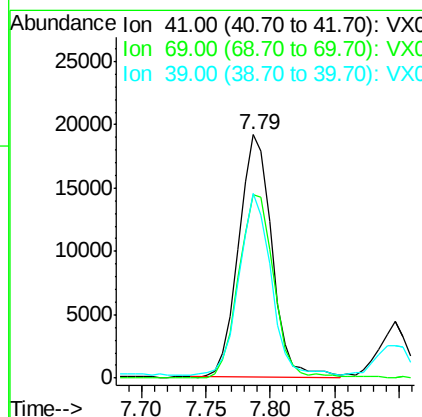
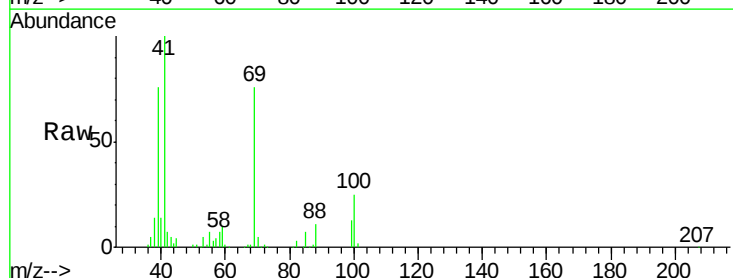
RT: 7.79 min Scan# 1181

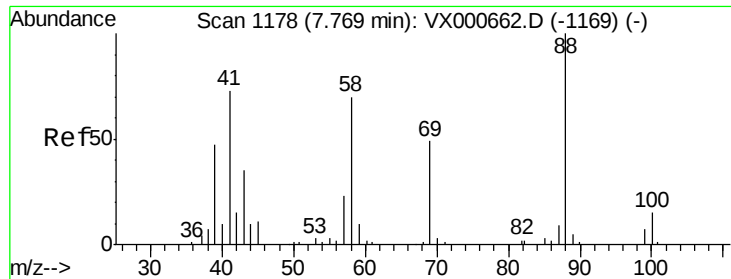
Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	41	Resp:	34248
Ion	Ratio	Lower	Upper
41	100		
69	79.8	64.3	96.5
39	72.6	57.0	85.4





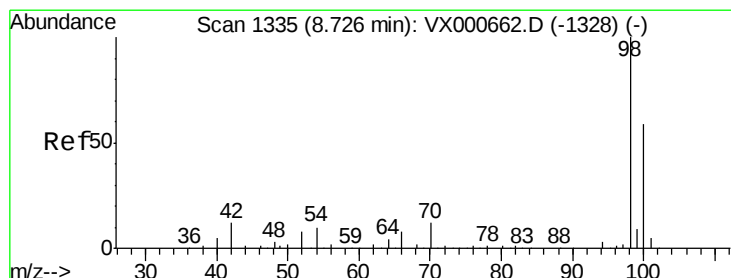
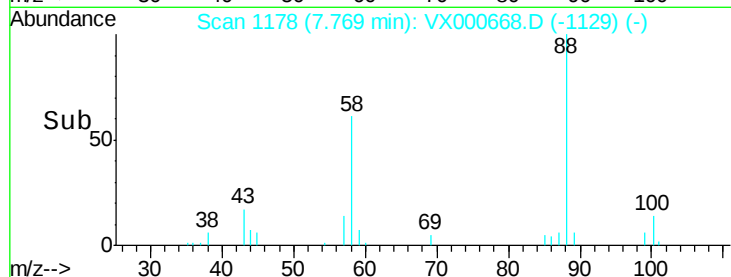
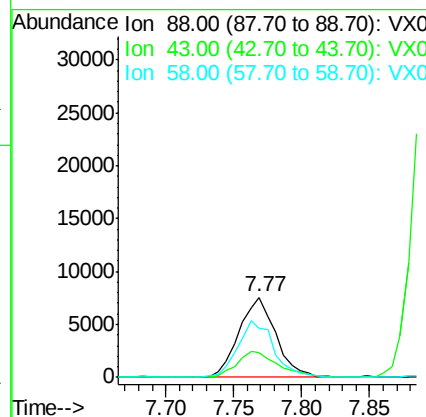
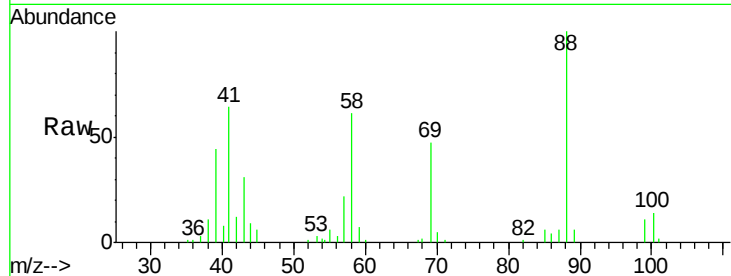
#49
1,4-Dioxane
Concen: 369.63 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.4	44.0
58	69.8	53.4	80.0

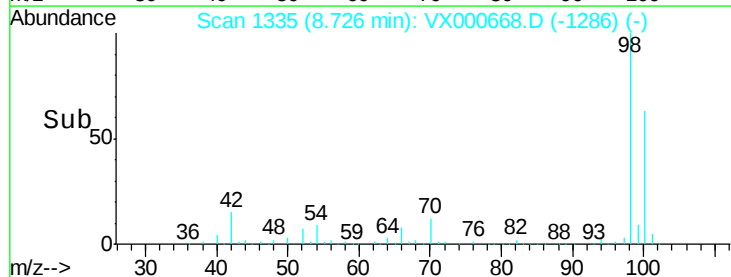
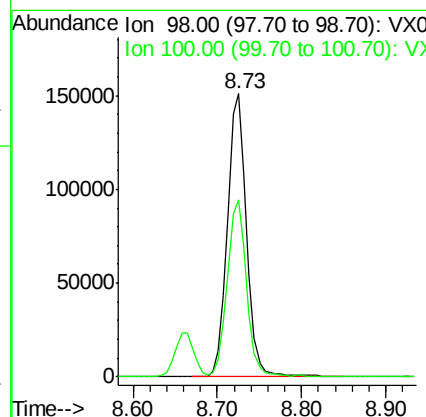
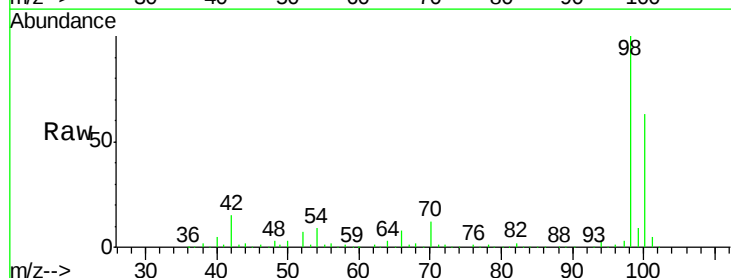
Manual Integrations
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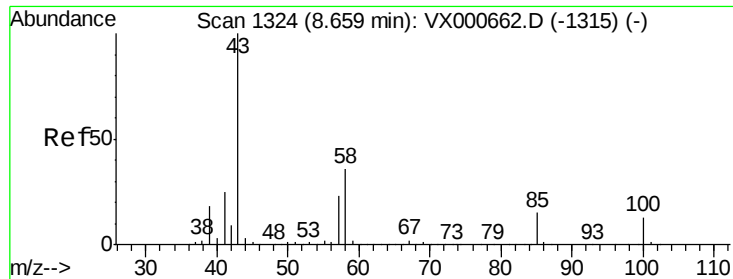
sam
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#50
Toluene-d8
Concen: 47.00 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.1	51.0	76.6





#51

4-Methyl-2-Pentanone

Concen: 97.77 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 43 Resp: 282606

Ion Ratio Lower Upper

43 100

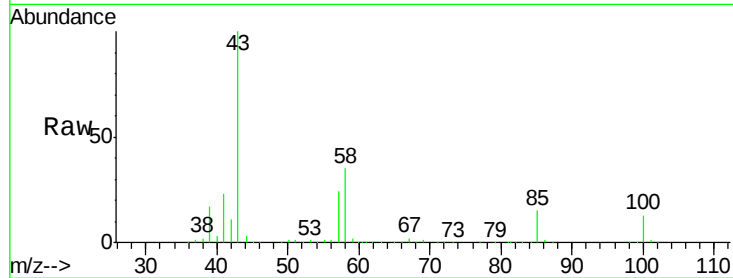
58 35.0 28.2 42.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

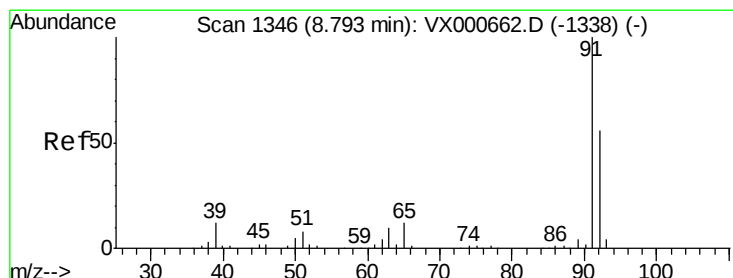
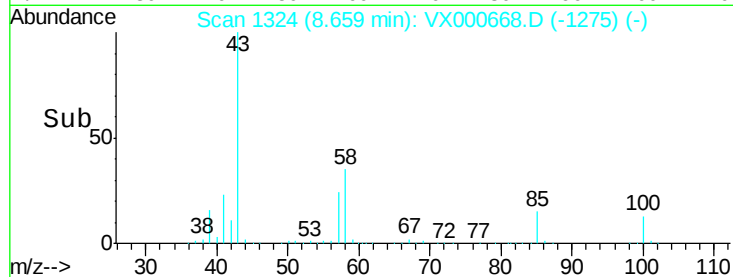
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.68 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000668.D

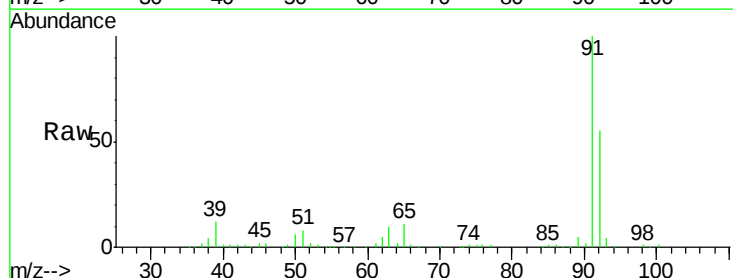
Acq: 04 Apr 2018 20:26

Tgt Ion: 92 Resp: 60710

Ion Ratio Lower Upper

92 100

91 179.9 141.7 212.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

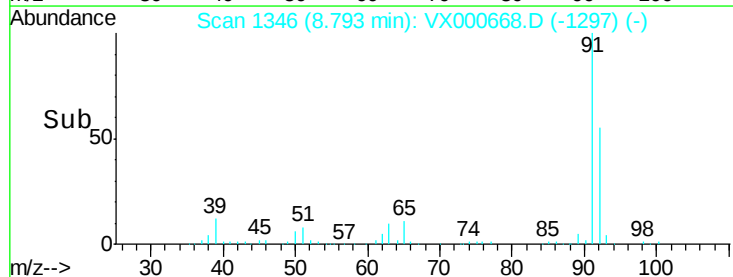
60000

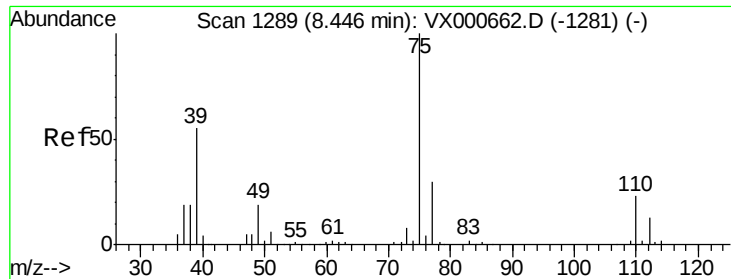
40000

20000

0

Time-->





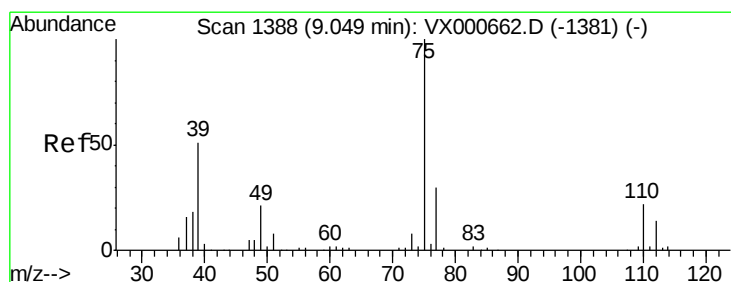
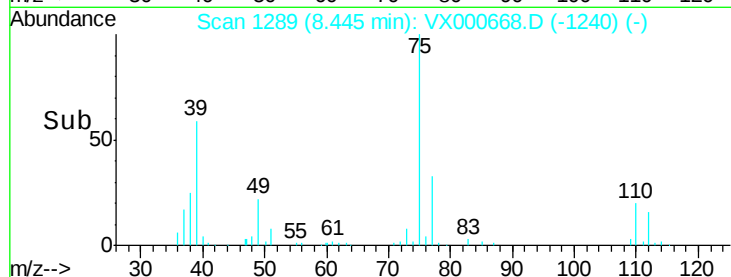
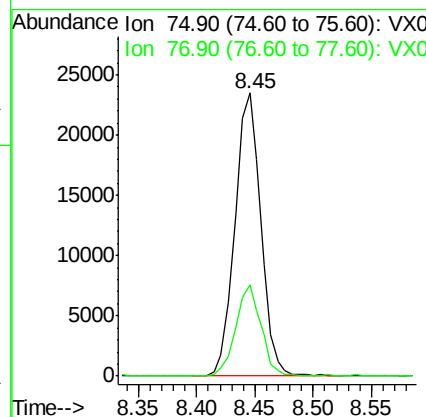
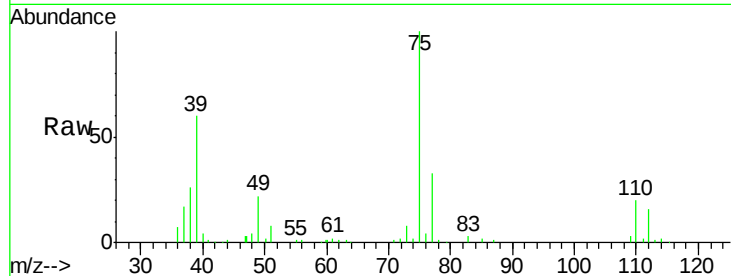
#53
 t-1,3-Dichloropropene
 Concen: 19.50 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0404WBSD01

Tot Ion: 75 Resp: 36484
 Ion Ratio Lower Upper
 75 100
 77 32.5 23.8 35.6

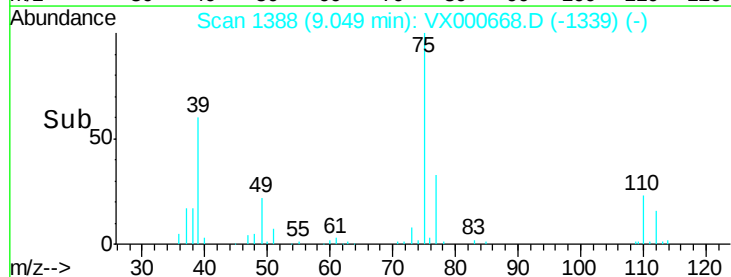
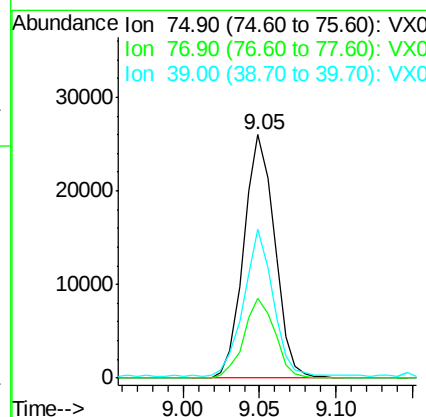
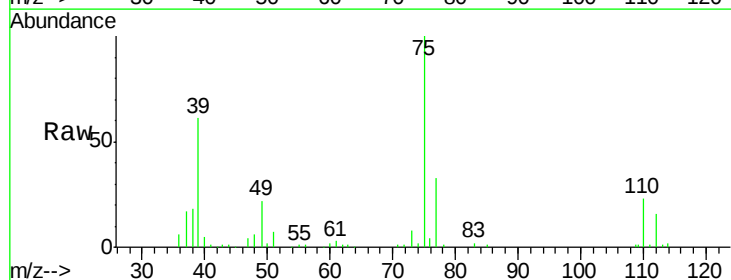
Manual Integrations
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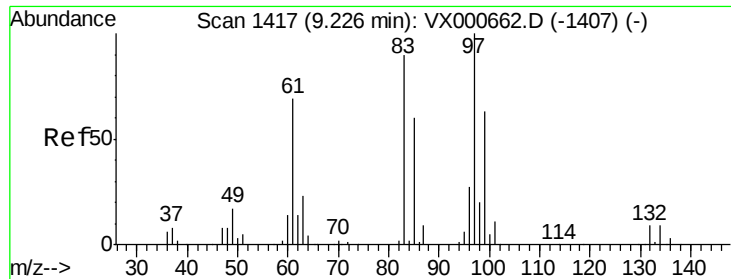
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 19.25 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 75 Resp: 36444
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.1 36.1
 39 60.0 40.7 61.1





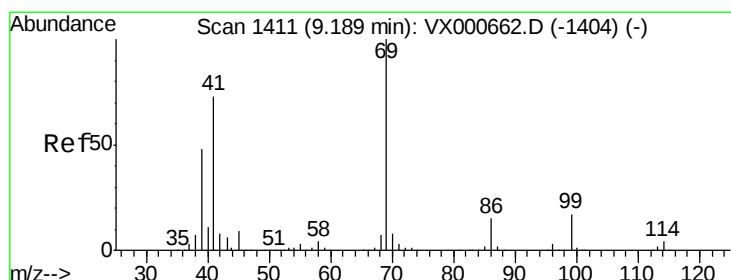
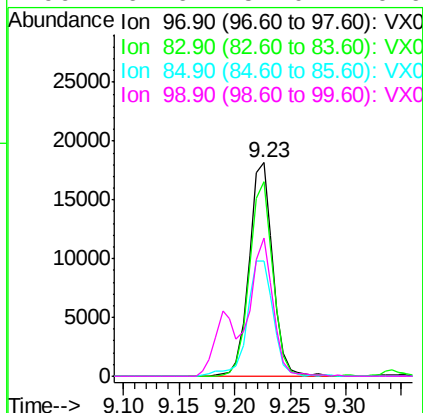
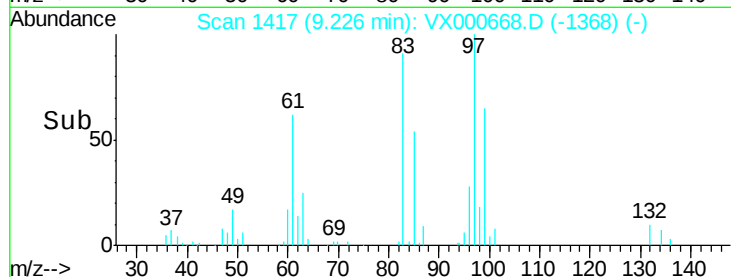
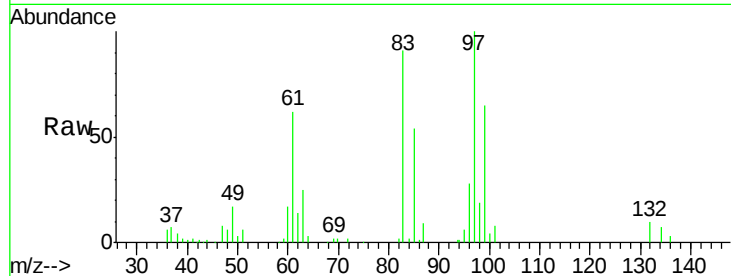
#55
 1,1,2-Trichloroethane
 Concen: 19.78 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Tot Ion:	97	Resp:	26804
Ion	Ratio	Lower	Upper
97	100		
83	91.1	72.1	108.1
85	53.7	48.3	72.5
99	64.6	51.0	76.6

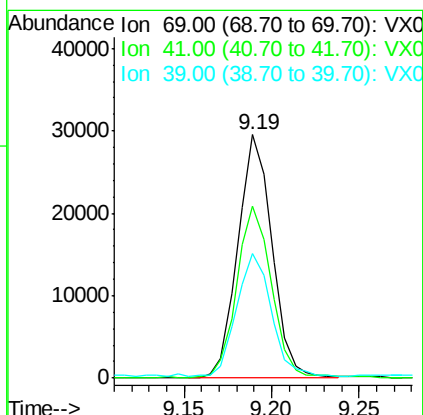
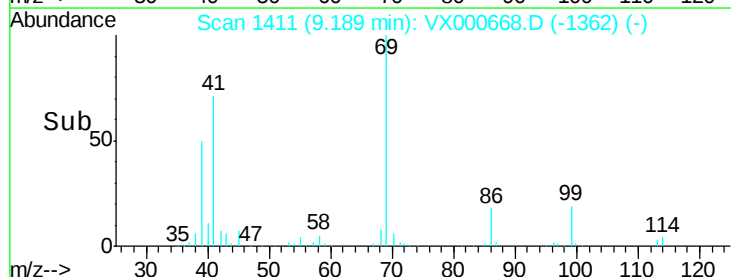
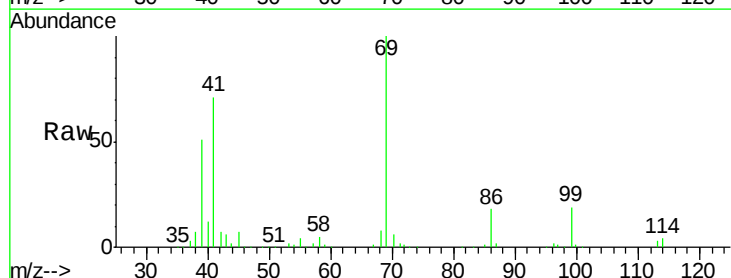
Manual Integrations
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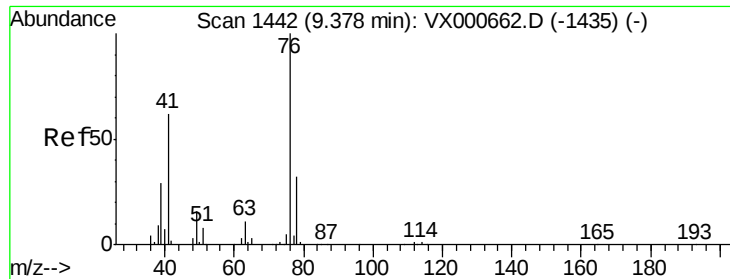
sam
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#56
 Ethyl methacrylate
 Concen: 19.25 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion:	69	Resp:	40117
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.5	84.7
39	51.2	39.8	59.8





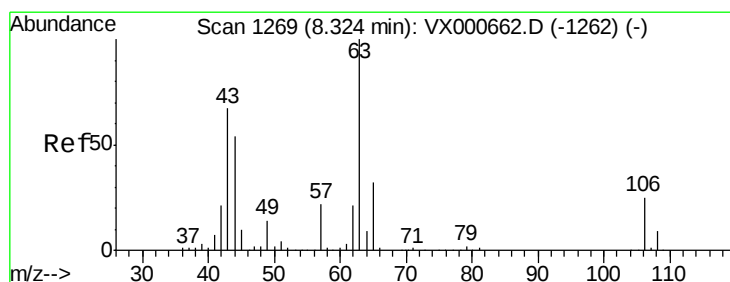
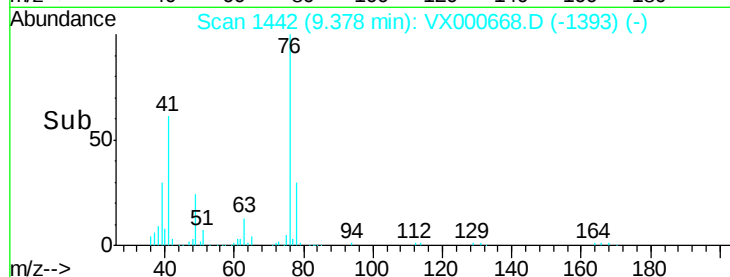
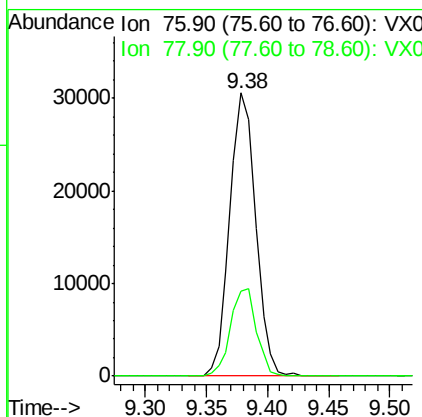
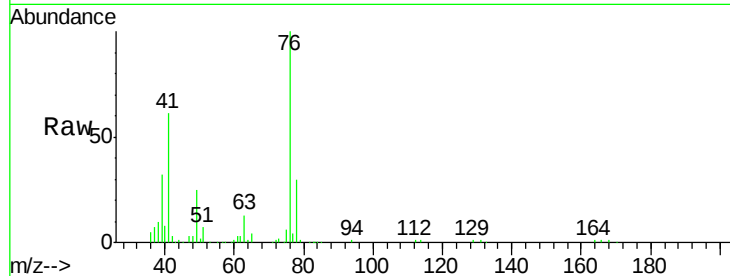
#57
 1,3-Dichloropropane
 Concen: 20.32 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampled :
 VX0404WBSD01

Tot Ion: 76 Resp: 45084
 Ion Ratio Lower Upper
 76 100
 78 30.8 25.8 38.8

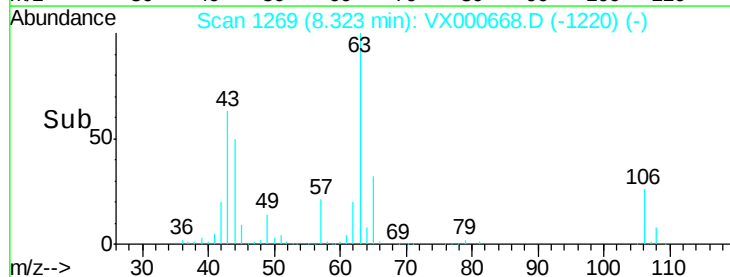
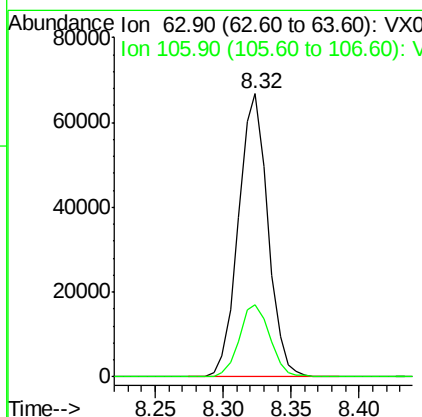
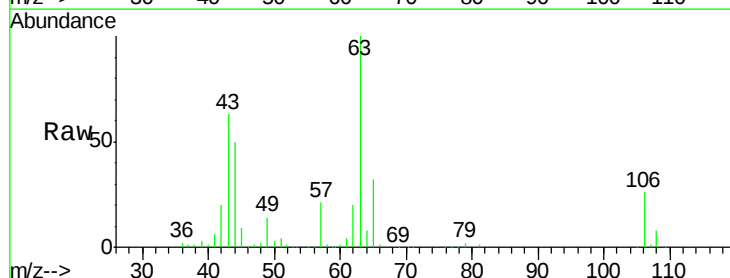
Manual Integrations
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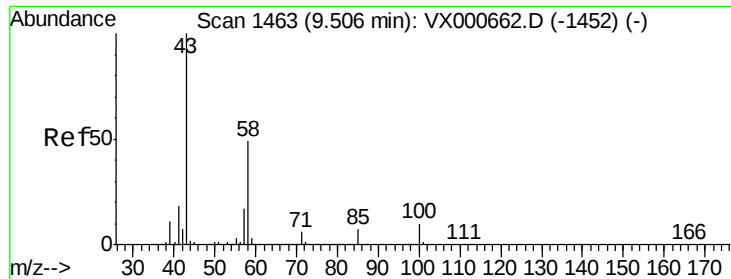
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.64 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion: 63 Resp: 100305
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.5 30.7





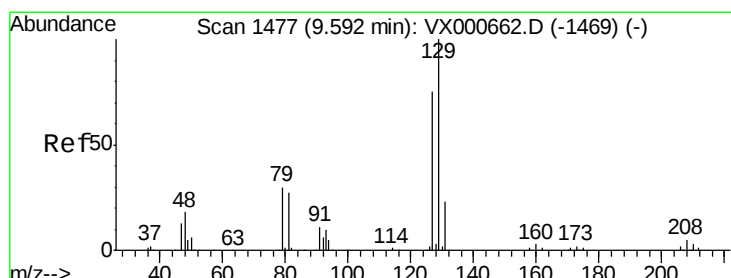
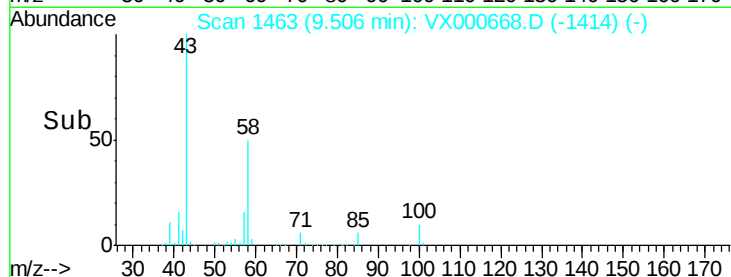
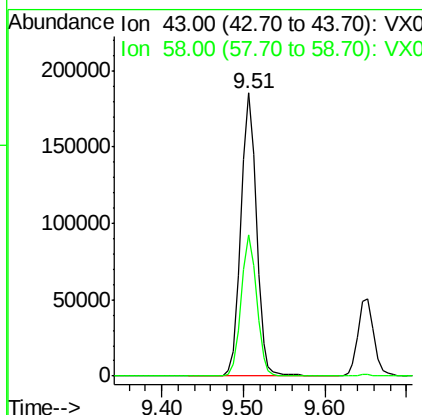
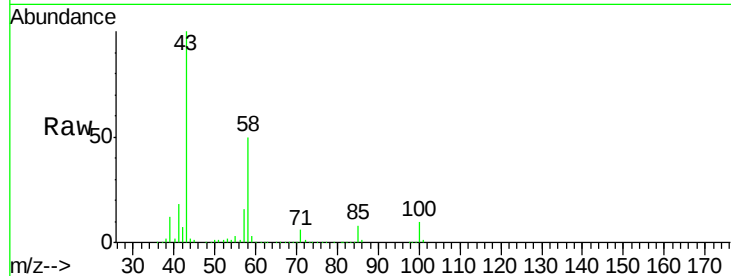
#59
2-Hexanone
Concen: 99.21 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tot Ion: 43 Resp: 243862
Ion Ratio Lower Upper
43 100
58 49.8 24.8 74.3

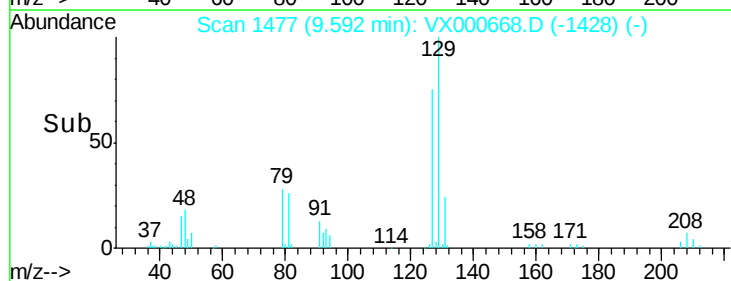
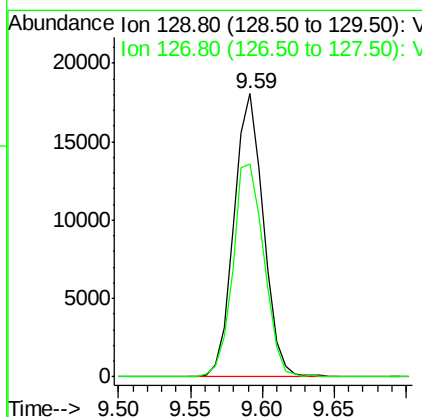
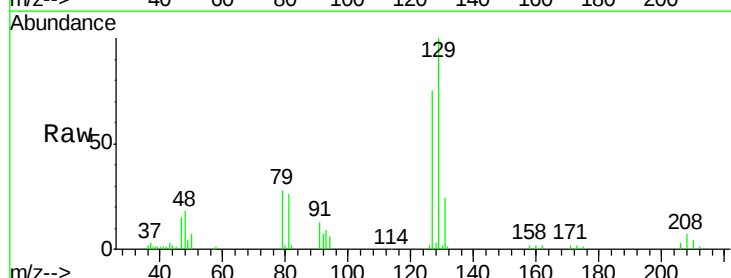
Manual Integrations
APPROVED

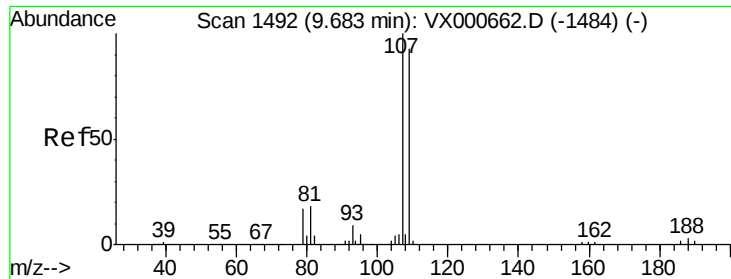
sam
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#60
Dibromochloromethane
Concen: 18.56 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:129 Resp: 25856
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion:107 Resp: 28554

Ion Ratio Lower Upper

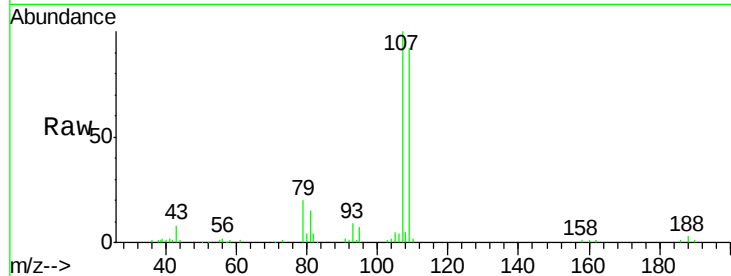
107 100

109 95.5 76.5 114.7

Manual Integrations
APPROVED

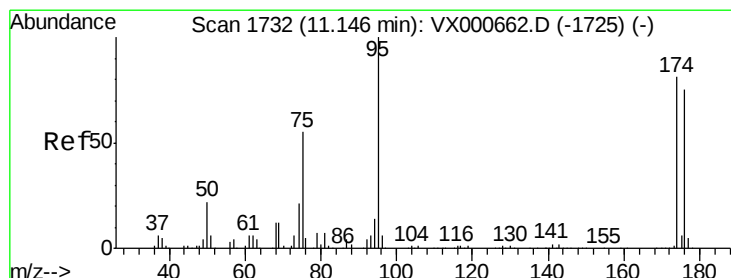
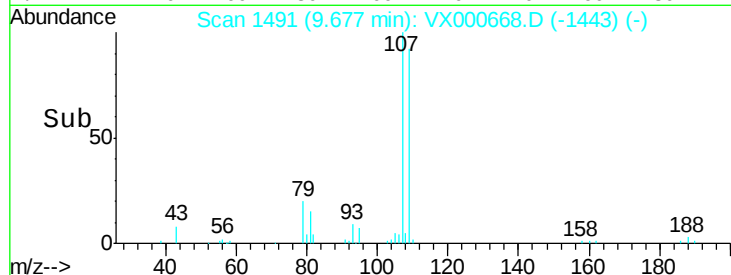
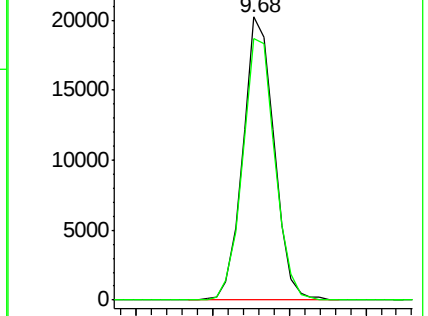
sam

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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: 46.32 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

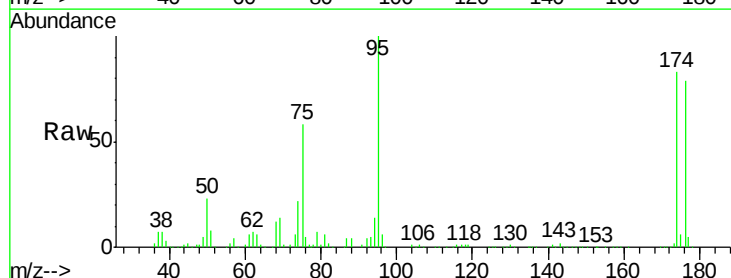
Tgt Ion: 95 Resp: 92402

Ion Ratio Lower Upper

95 100

174 79.0 0.0 156.8

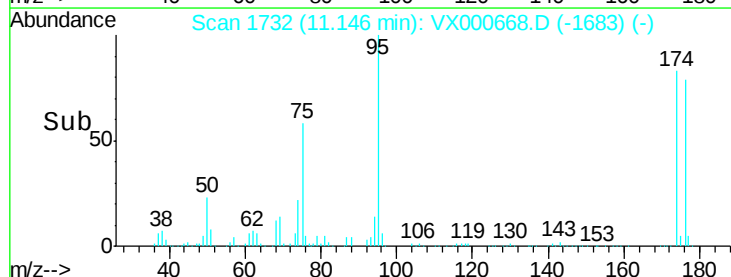
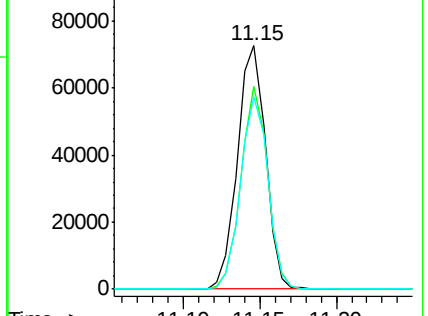
176 77.3 0.0 150.6

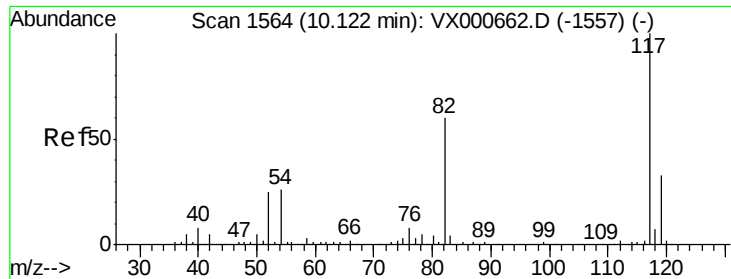


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





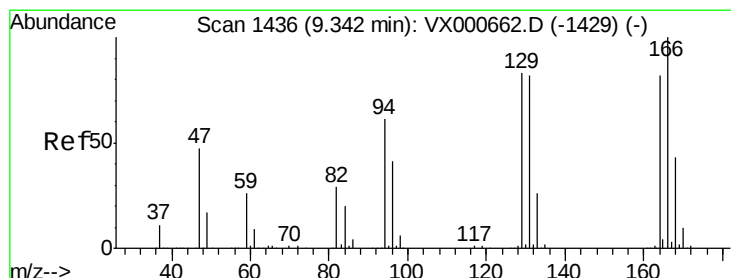
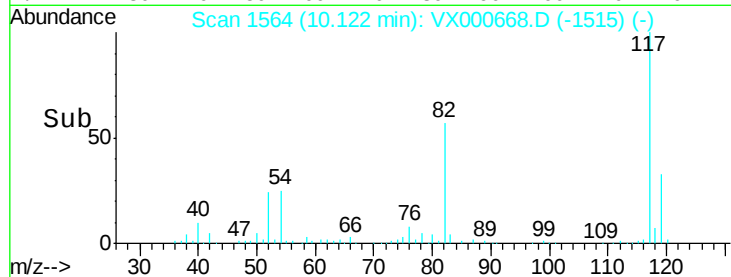
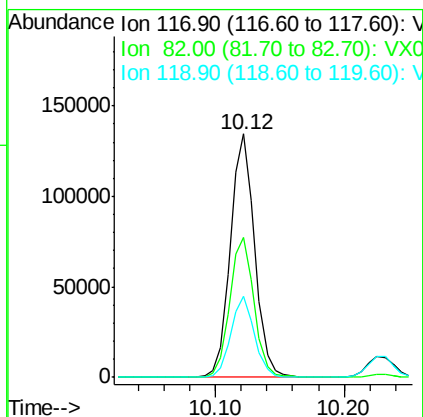
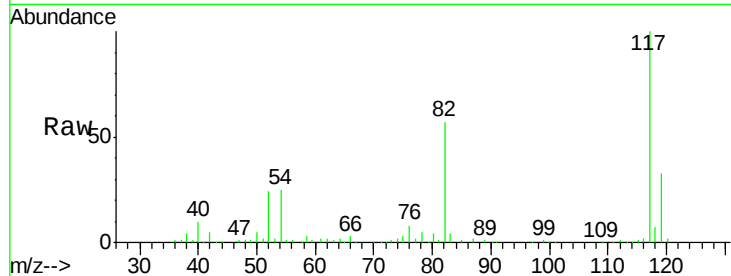
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	48.3	72.5
119	33.3	26.0	39.0

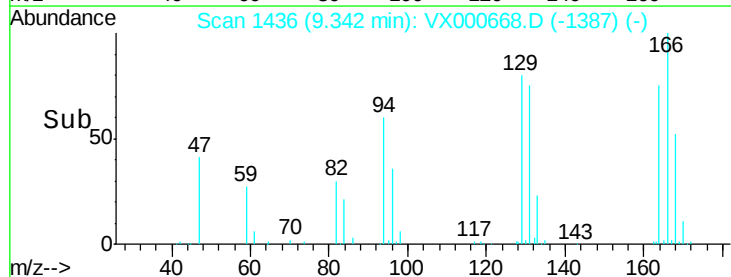
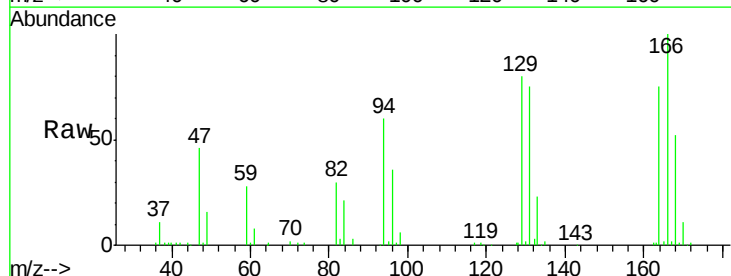
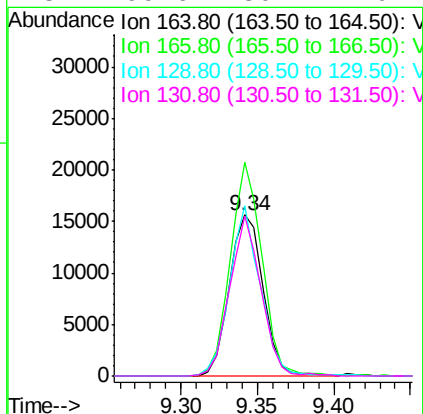
Manual Integrations
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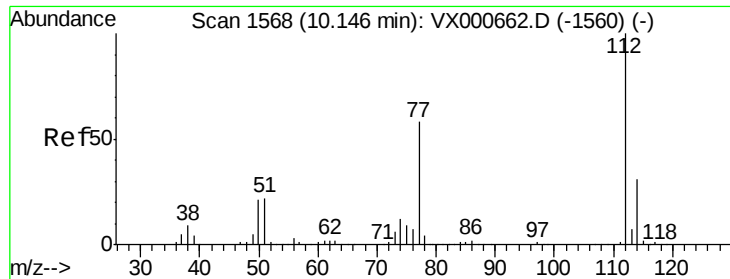
sam
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#64
Tetrachloroethene
Concen: 20.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	97.8	146.8
129	105.8	81.3	121.9
131	99.6	80.2	120.2





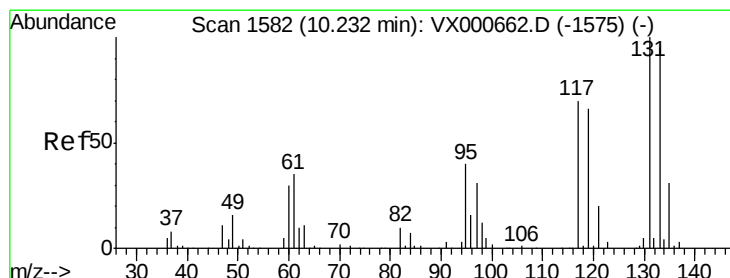
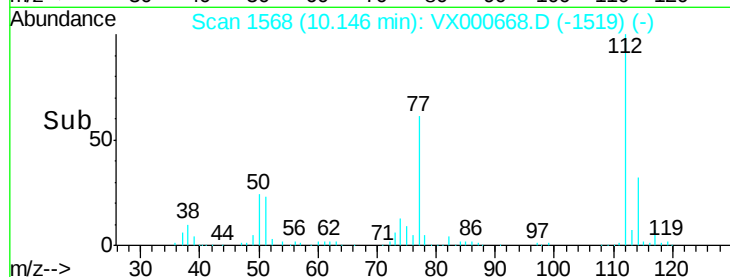
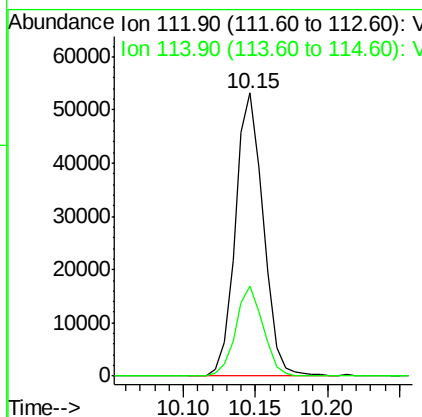
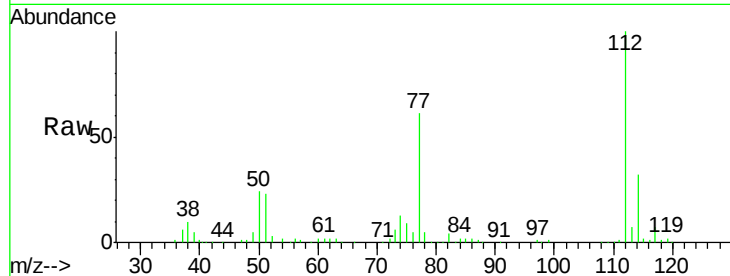
#65
Chlorobenzene
Concen: 19.85 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tot Ion:112 Resp: 72052
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6

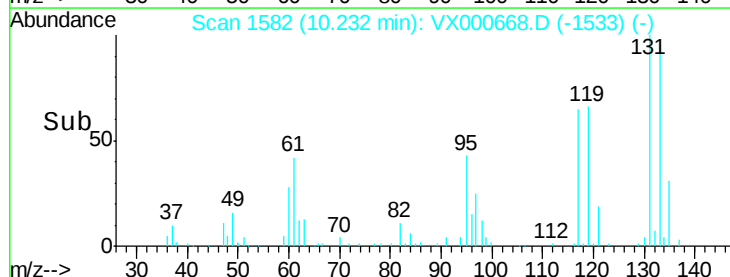
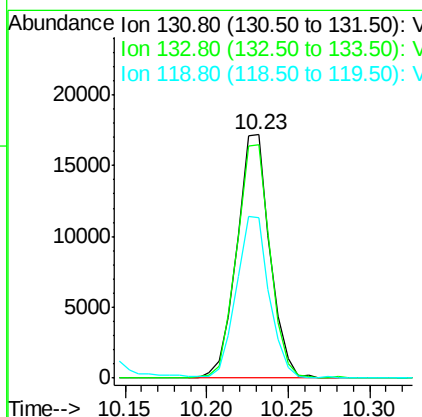
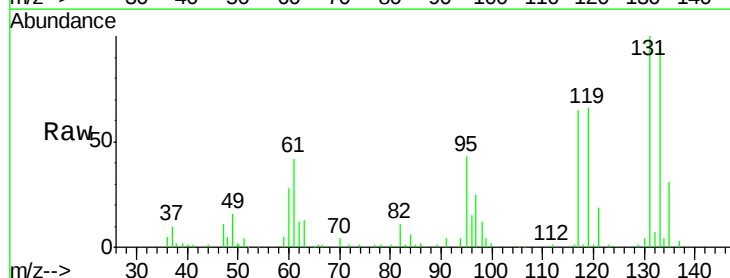
Manual Integrations
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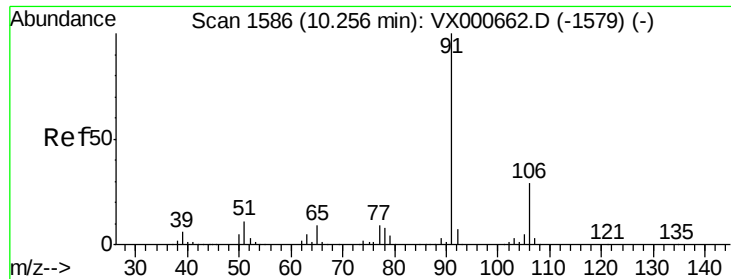
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.65 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:131 Resp: 24319
Ion Ratio Lower Upper
131 100
133 96.5 49.0 147.2
119 65.6 34.9 104.8





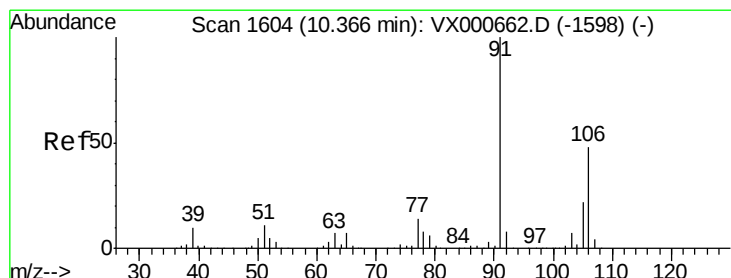
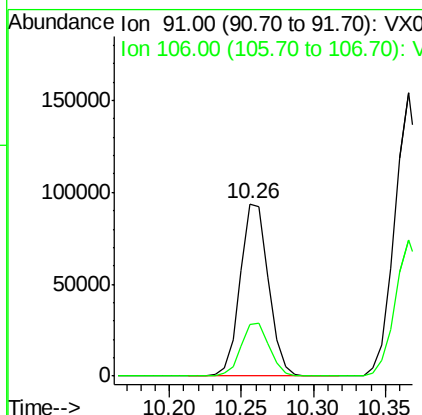
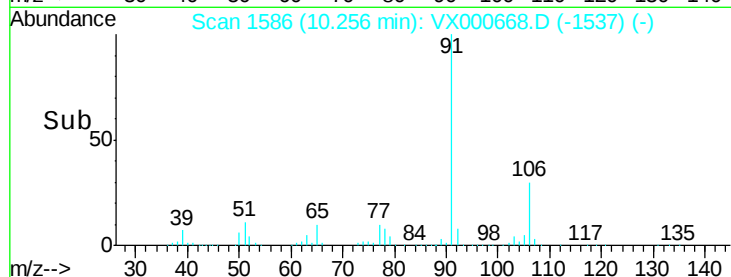
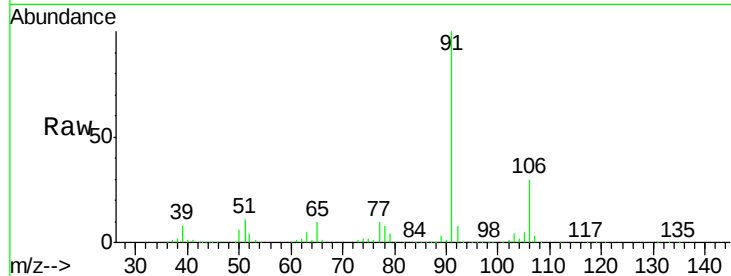
#67
Ethyl Benzene
Concen: 19.93 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tot Ion: 91 Resp: 127970
Ion Ratio Lower Upper
91 100
106 30.3 23.4 35.2

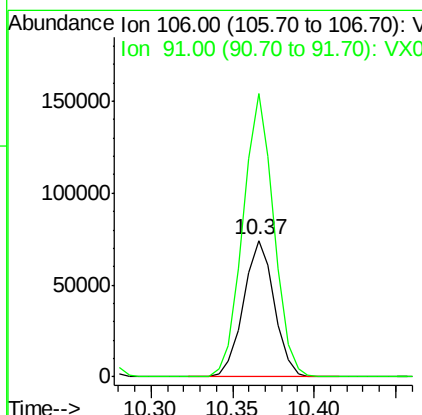
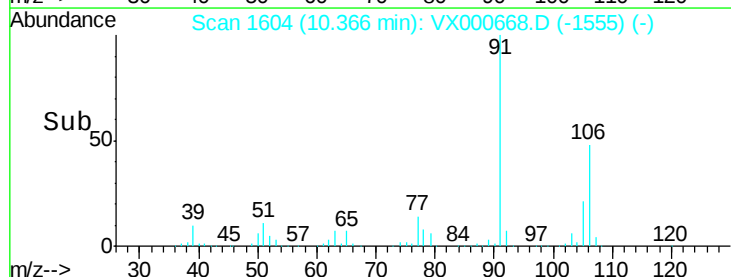
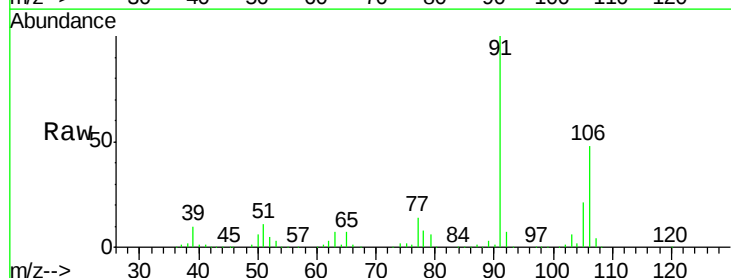
Manual Integrations
APPROVED

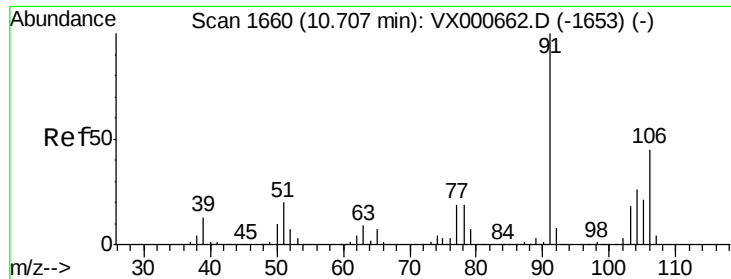
sam
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#68
m/p-Xylenes
Concen: 40.55 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:106 Resp: 98136
Ion Ratio Lower Upper
106 100
91 207.9 167.0 250.6





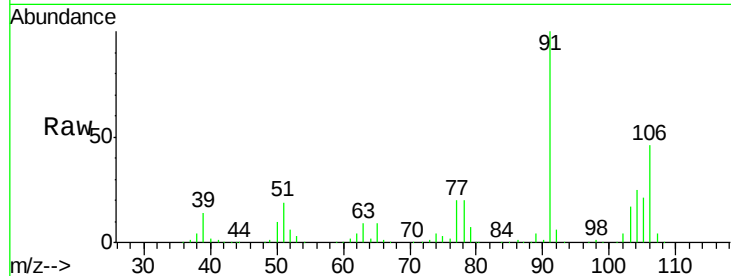
#69
o-Xylene
Concen: 19.57 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

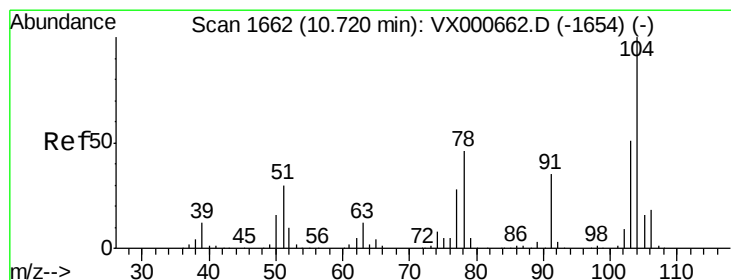
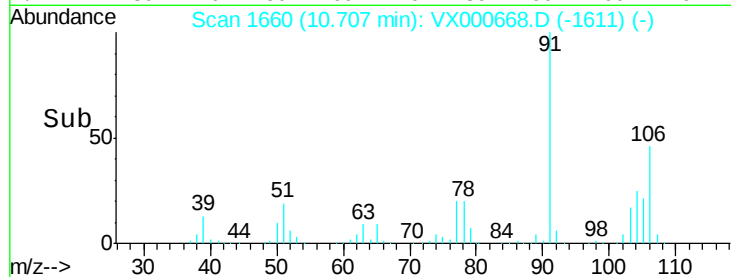
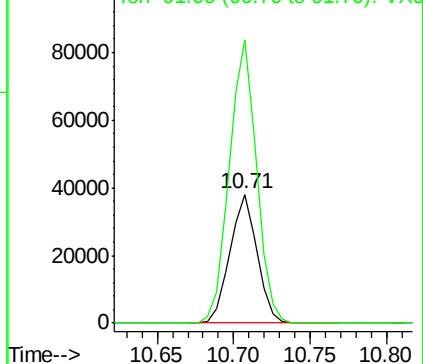
Tot Ion:106 Resp: 46635
Ion Ratio Lower Upper
106 100
91 221.6 111.6 334.6

Manual Integrations
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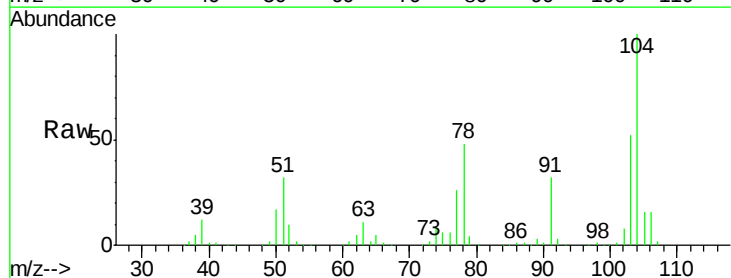


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

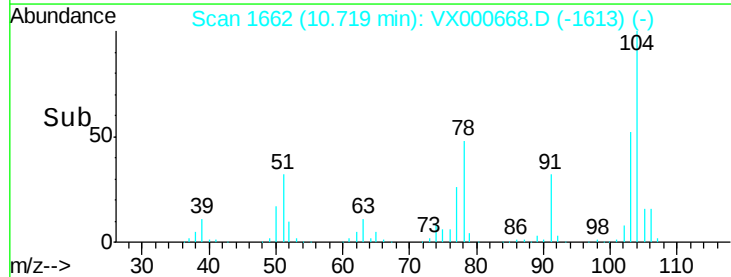
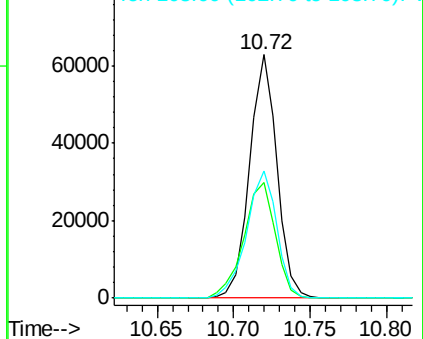


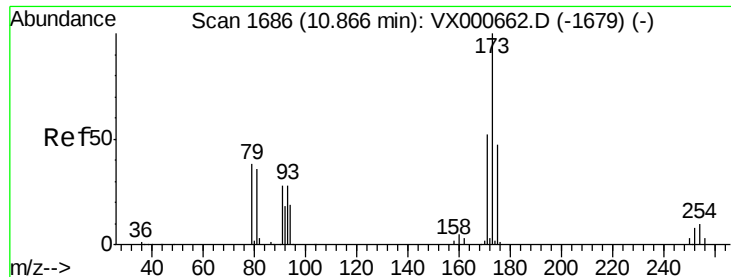
#70
Styrene
Concen: 19.46 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion:104 Resp: 78177
Ion Ratio Lower Upper
104 100
78 55.1 41.9 62.9
103 57.7 45.3 67.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.60 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampled :

VX0404WBSD01

Tot Ion:173 Resp: 19240

Ion Ratio Lower Upper

173 100

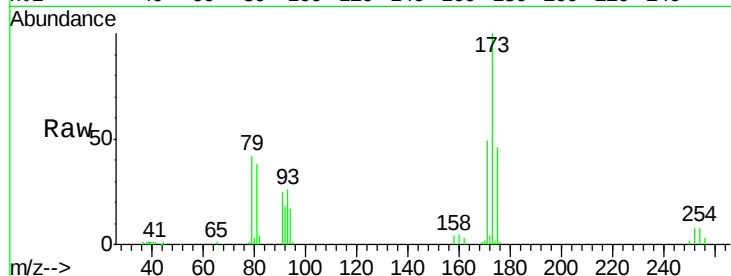
175 48.4 24.0 72.0

254 0.0 0.0 0.0

Manual Integrations
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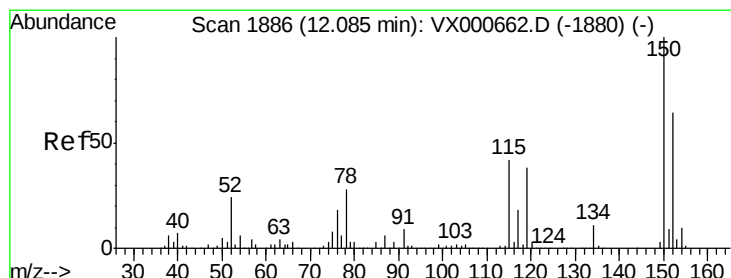
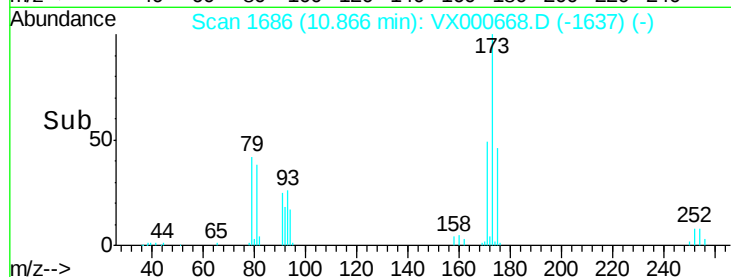
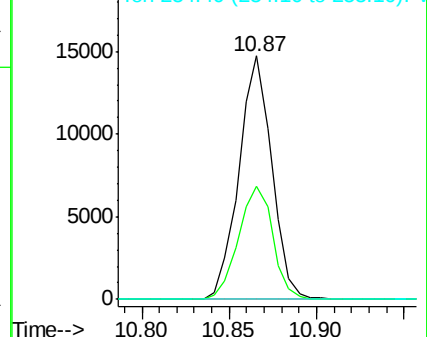
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

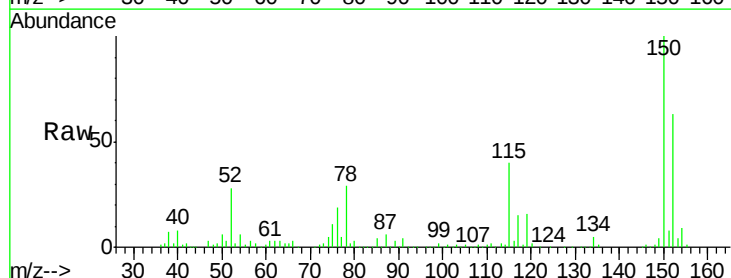
Tgt Ion:152 Resp: 100707

Ion Ratio Lower Upper

152 100

115 69.9 41.9 125.8

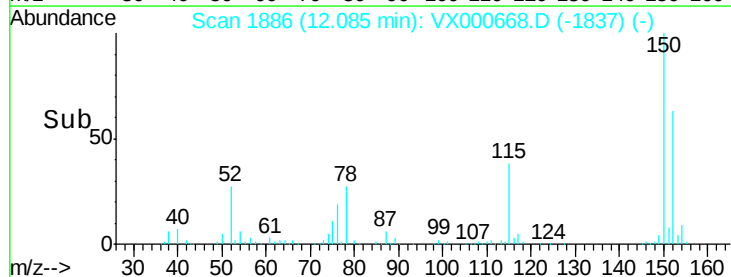
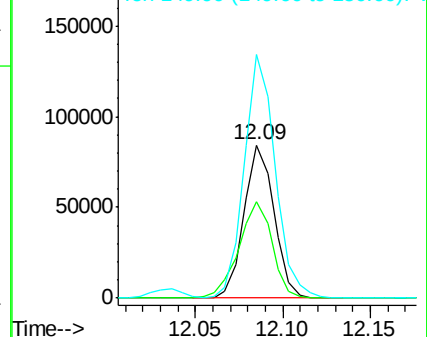
150 164.1 0.0 348.0

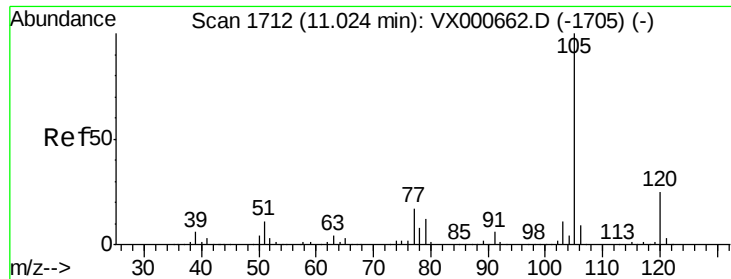


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion:105 Resp: 132590

Ion Ratio Lower Upper

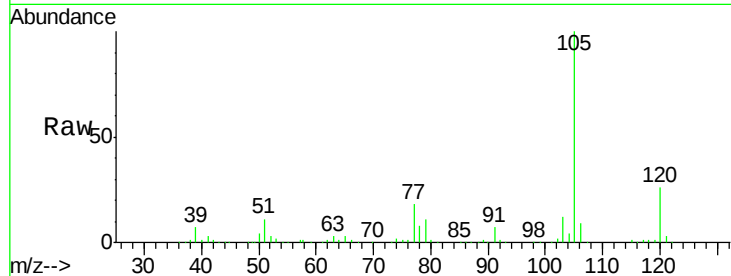
105 100

120 26.2 13.0 38.9

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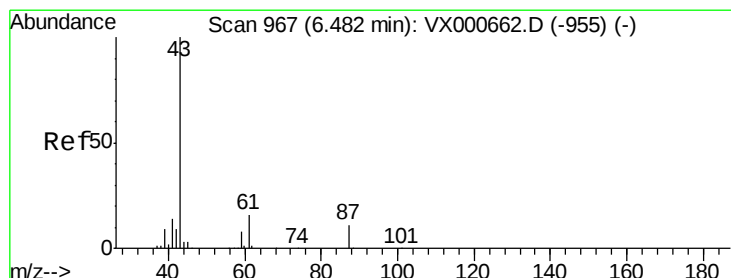
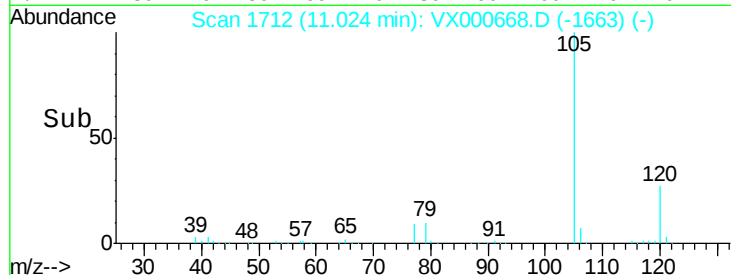
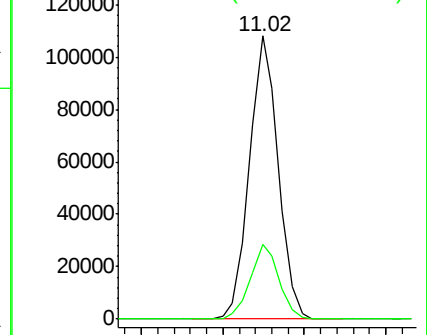
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion: 43 Resp: 68602

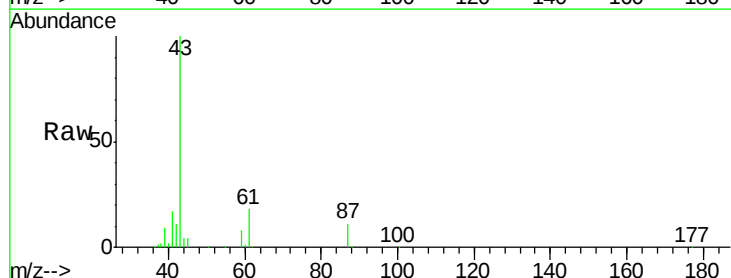
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.1 13.4 20.2

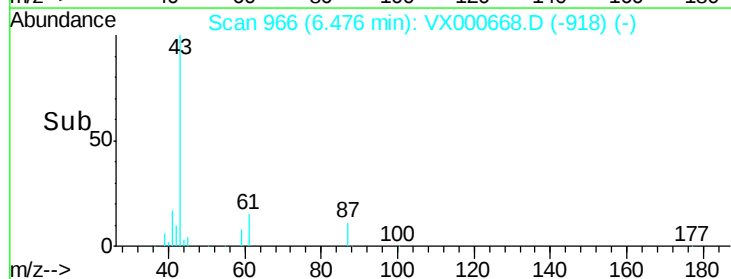
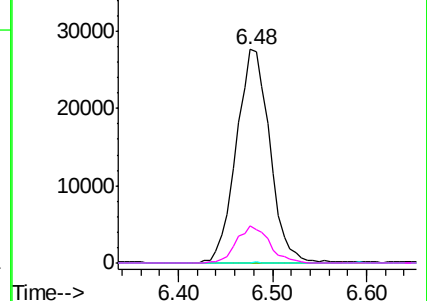


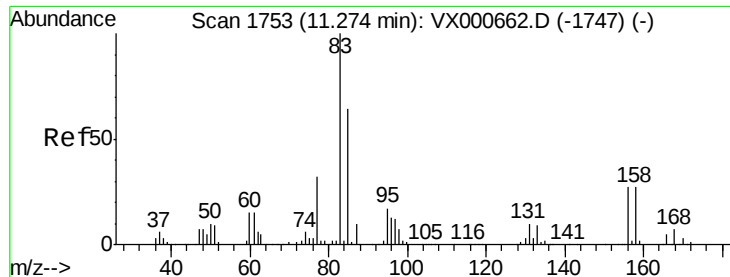
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

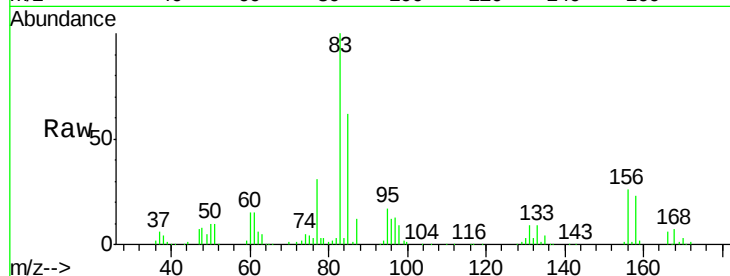
ClientSampleId :

VX0404WBSD01

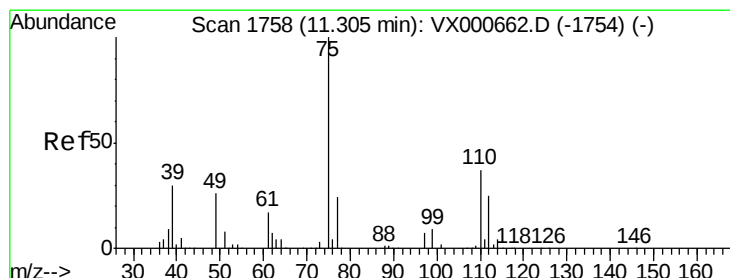
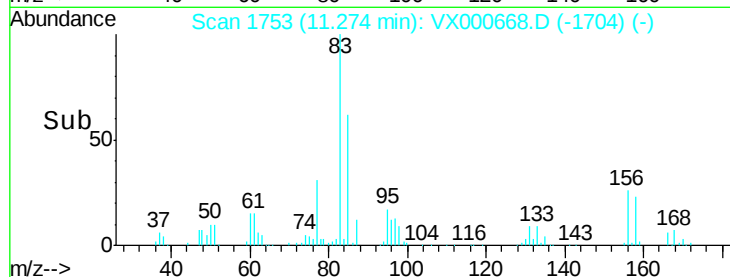
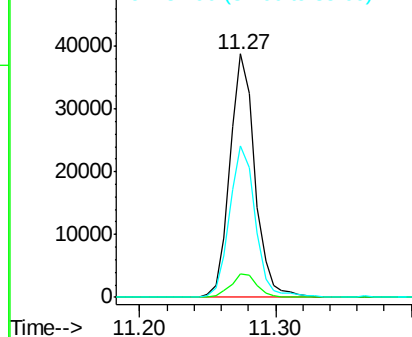
Tot Ion	83	Resp	49432
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	64.3	32.0	96.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.89 ug/l m

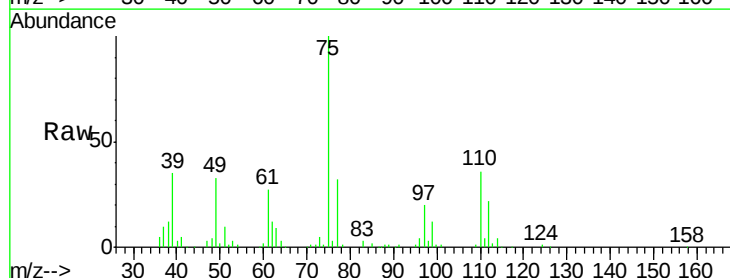
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

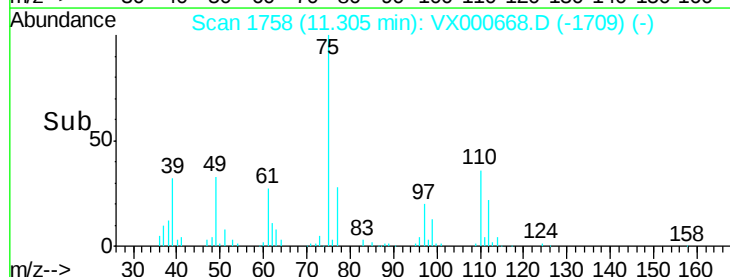
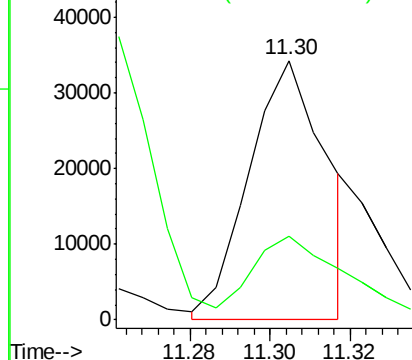
Lab File: VX000668.D

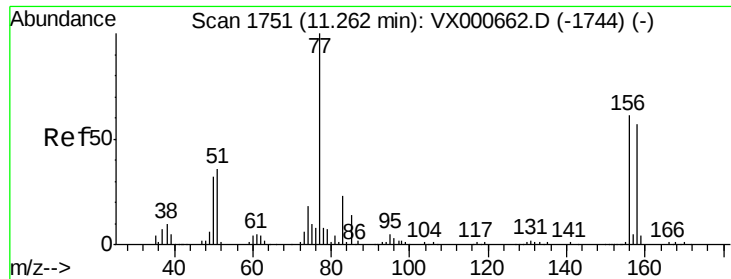
Acq: 04 Apr 2018 20:26

Tgt Ion	75	Resp	45890
Ion	Ratio	Lower	Upper
75	100		
77	40.1	20.2	60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.99 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

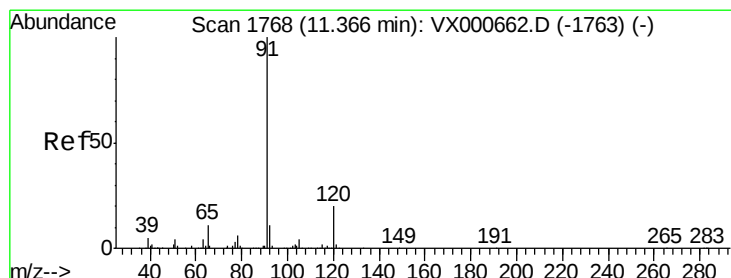
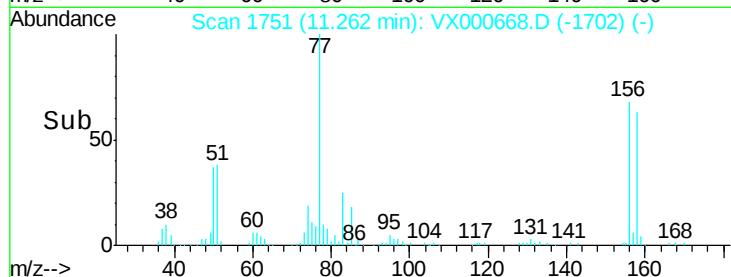
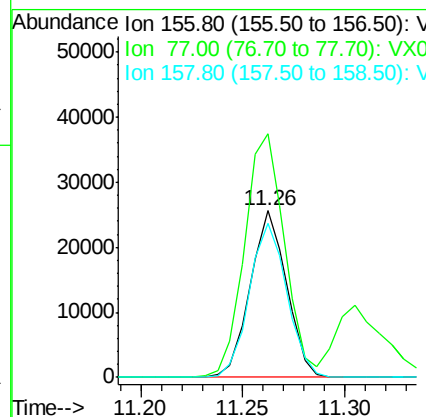
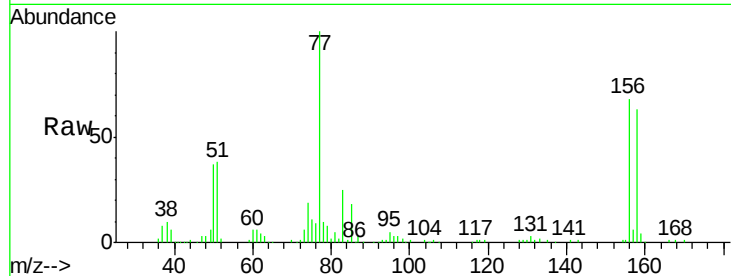
ClientSampleId :

VX0404WBSD01

Tot Ion:	156	Resp:	31950
Ion	Ratio	Lower	Upper
156	100		
77	159.4	82.3	246.9
158	95.0	46.9	140.7

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 21.87 ug/l

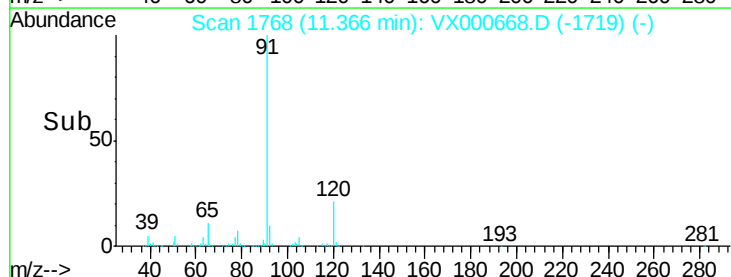
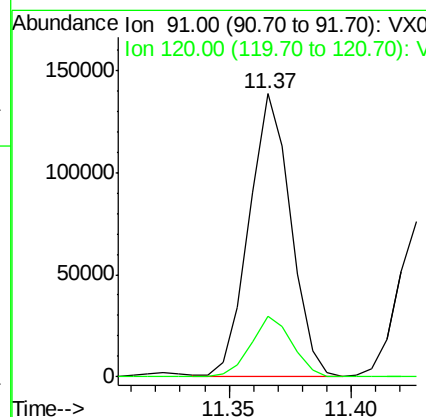
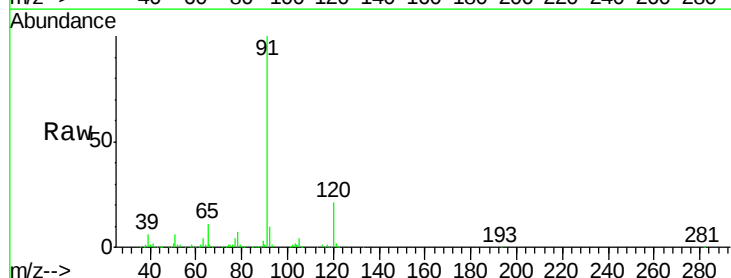
RT: 11.37 min Scan# 1768

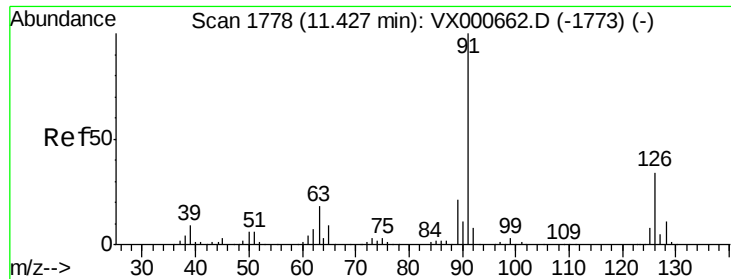
Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	91	Resp:	162329
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.9





#79

2-Chlorotoluene

Concen: 21.67 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampleId :

VX0404WBSD01

Tot Ion: 91 Resp: 91384

Ion Ratio Lower Upper

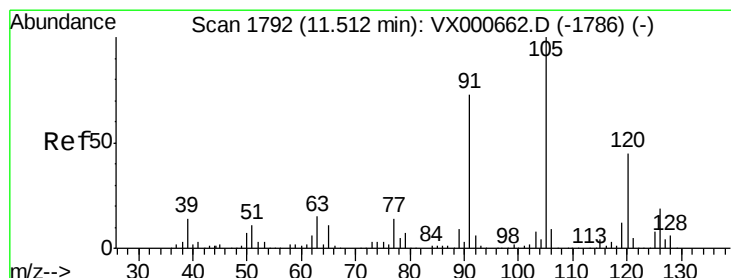
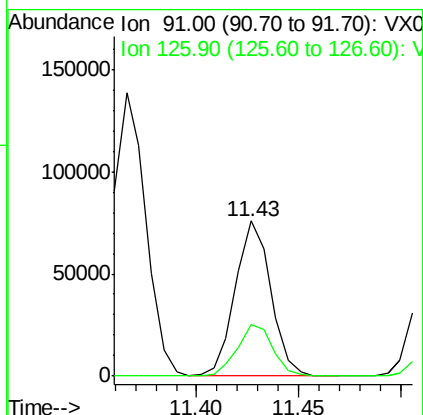
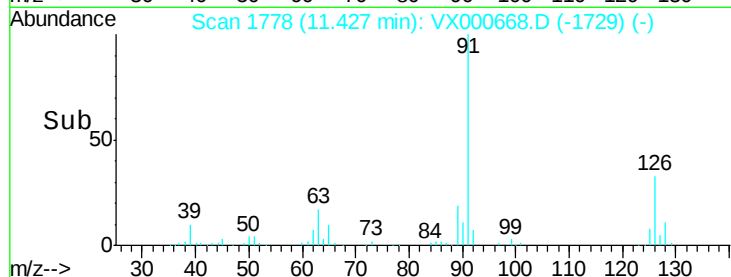
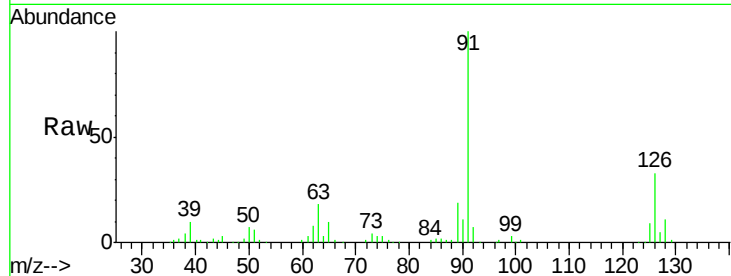
91 100

126 33.5 17.3 51.9

Manual Integrations
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sam

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#80

1,3,5-Trimethylbenzene

Concen: 21.76 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000668.D

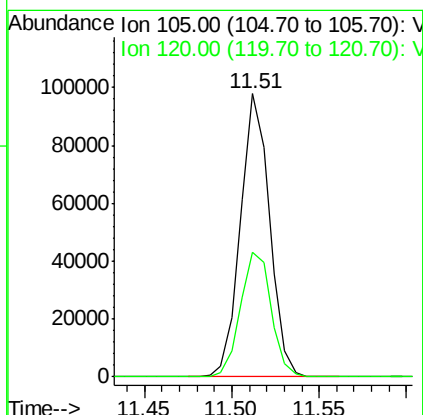
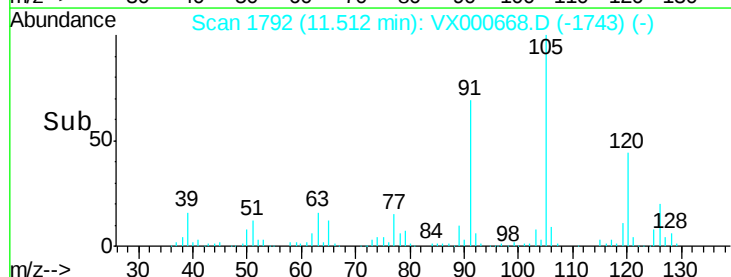
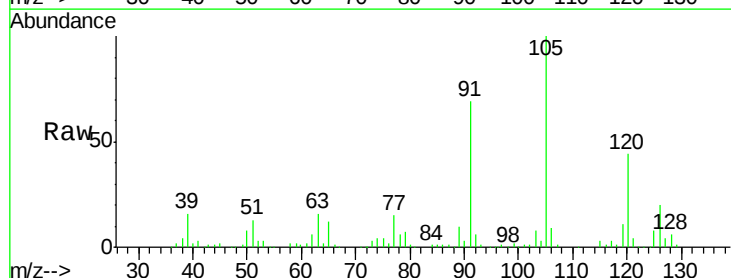
Acq: 04 Apr 2018 20:26

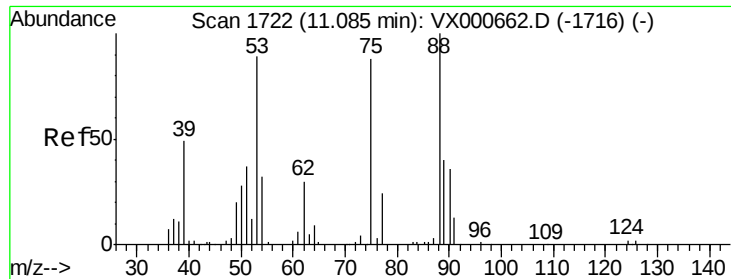
Tgt Ion: 105 Resp: 113128

Ion Ratio Lower Upper

105 100

120 46.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.59 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

ClientSampled :

VX0404WBSD01

Tot Ion: 75 Resp: 12612

Ion Ratio Lower Upper

75 100

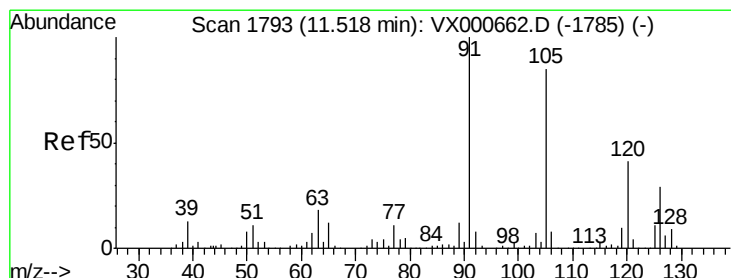
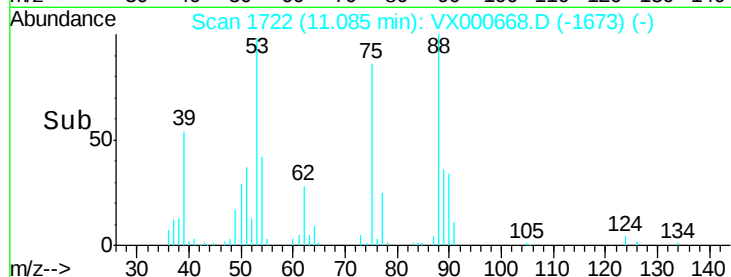
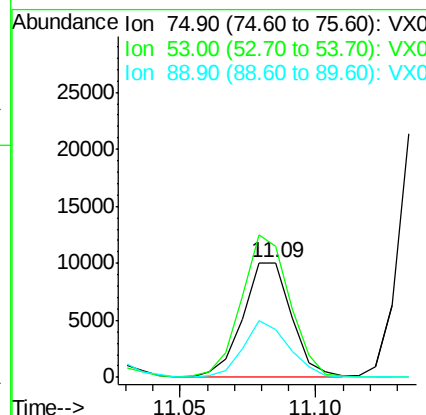
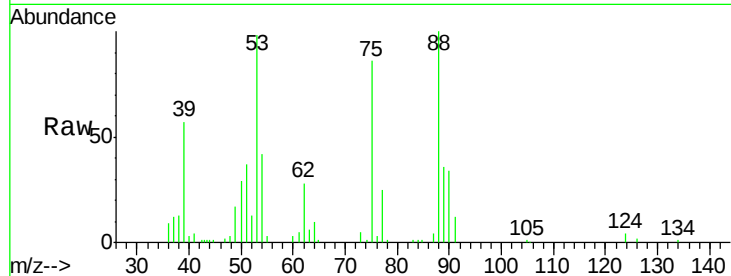
53 122.4 85.7 128.5

89 46.1 36.3 54.5

Manual Integrations
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sam

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#82

4-Chlorotoluene

Concen: 20.32 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000668.D

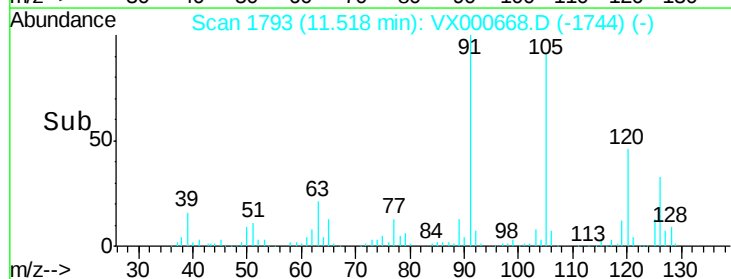
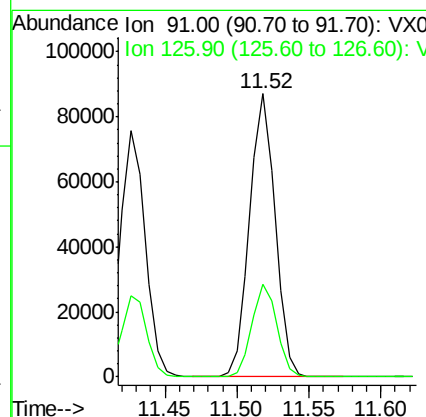
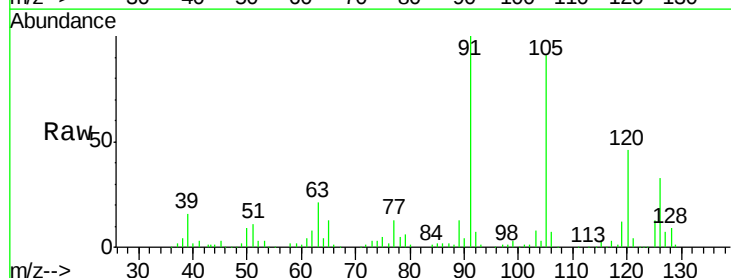
Acq: 04 Apr 2018 20:26

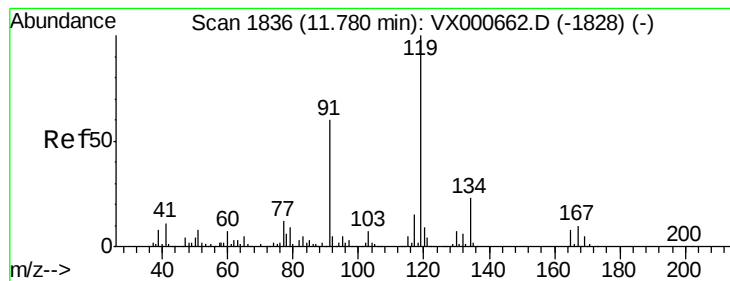
Tgt Ion: 91 Resp: 107245

Ion Ratio Lower Upper

91 100

126 31.9 14.8 44.3





#83

tert-Butylbenzene

Concen: 21.85 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

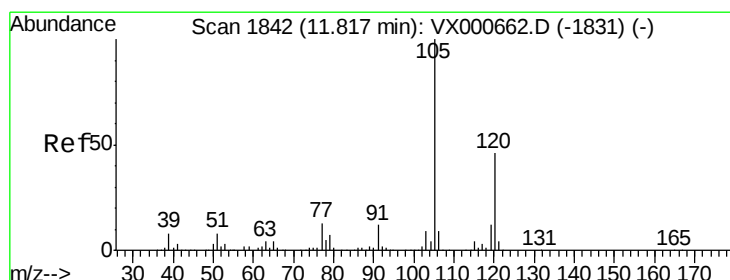
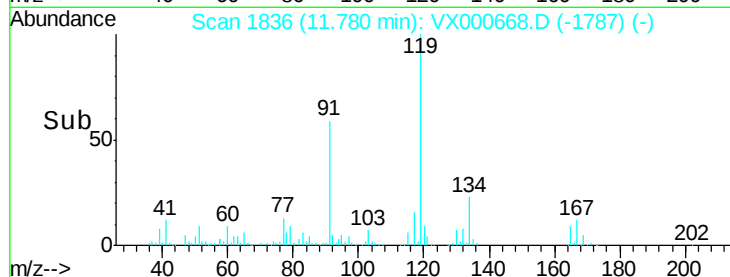
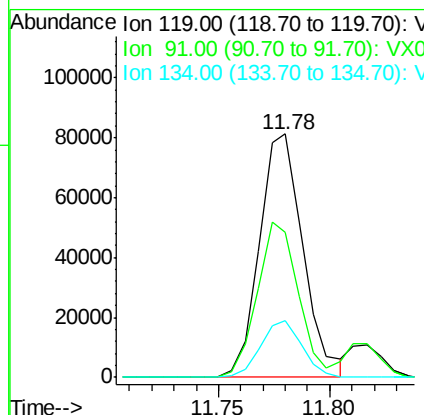
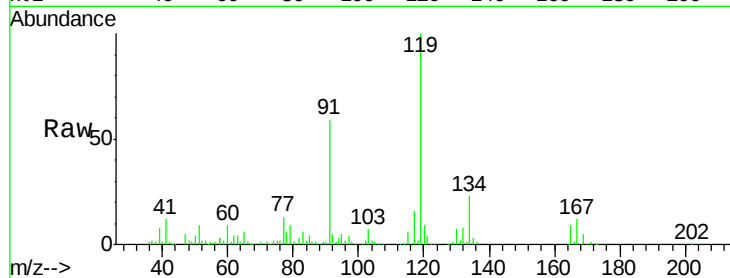
ClientSampled :

VX0404WBSD01

Tot Ion:	119	Resp:	110743
Ion Ratio	Lower	Upper	
119	100		
91	60.1	30.9	92.8
134	22.2	11.1	33.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.87 ug/l

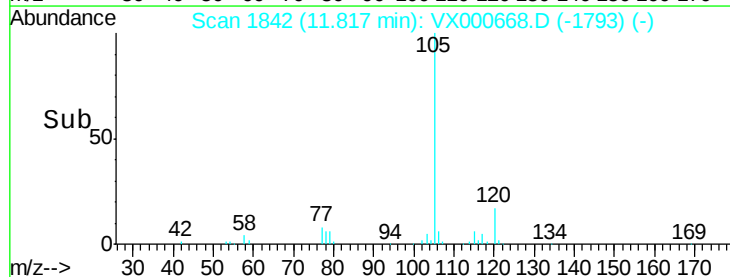
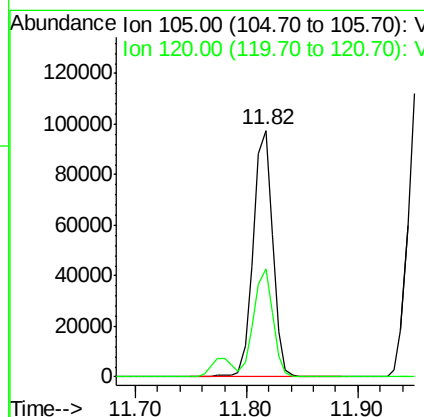
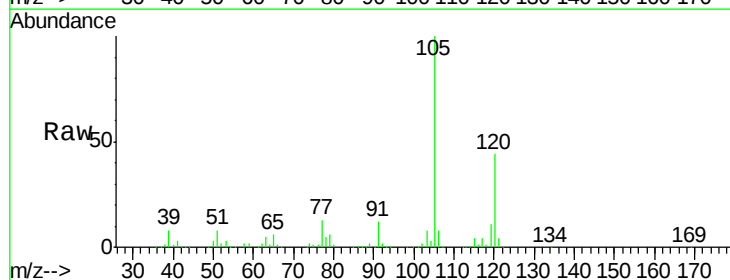
RT: 11.82 min Scan# 1842

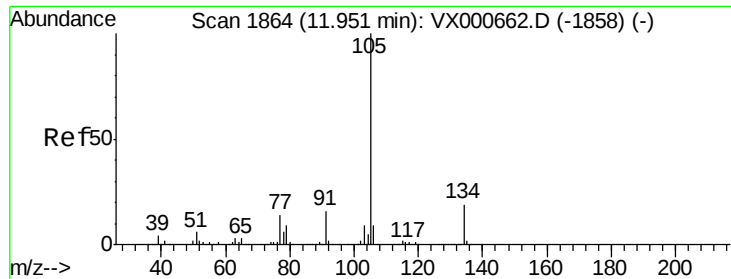
Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	105	Resp:	118921
Ion Ratio	Lower	Upper	
105	100		
120	43.2	21.6	65.0





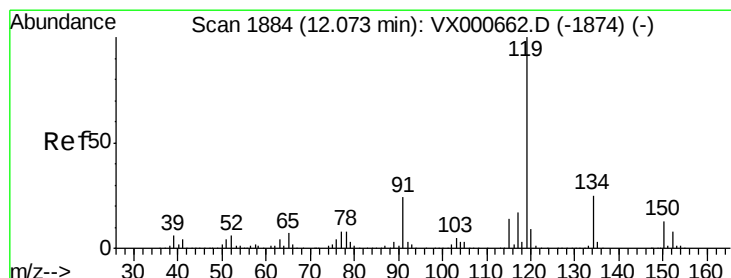
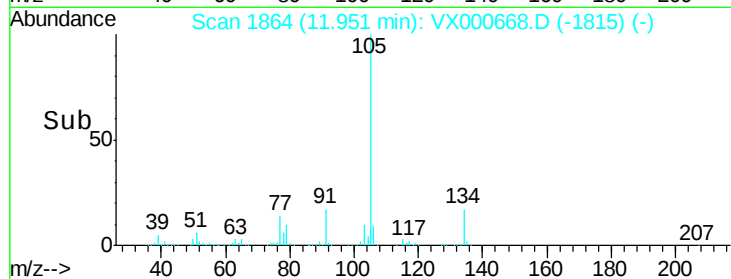
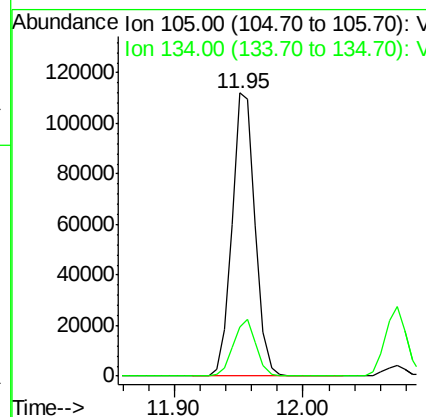
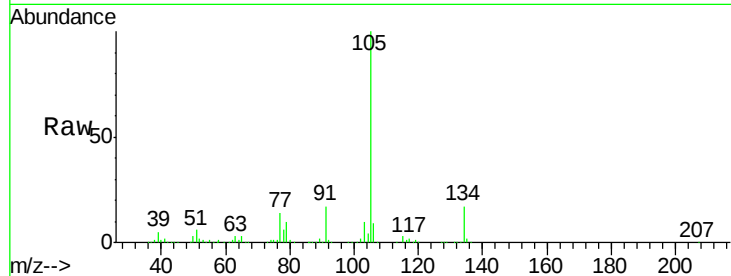
#85
 sec-Butylbenzene
 Concen: 21.89 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	140955		
134	19.4	9.6	28.6	

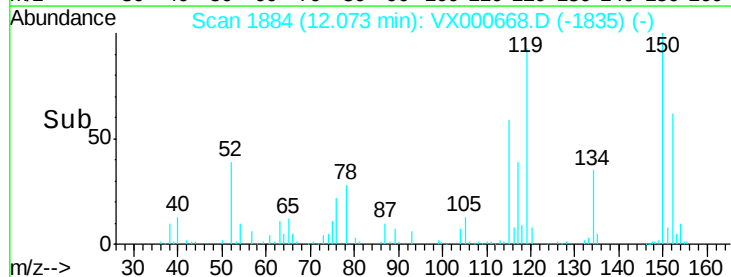
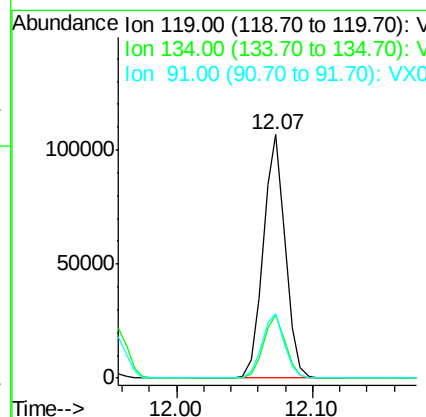
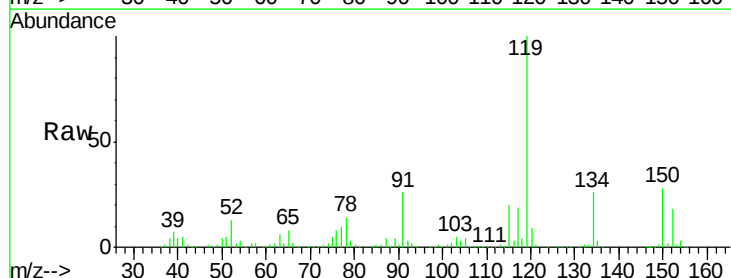
Manual Integrations
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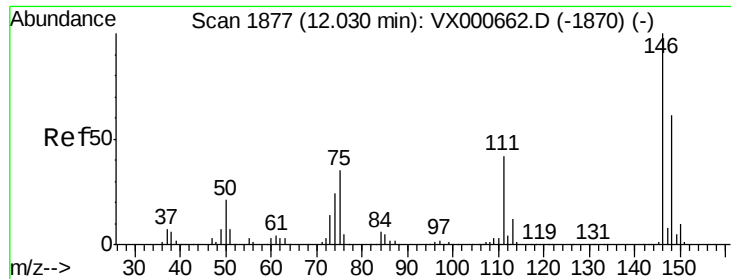
sam
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#86
 p-Isopropyltoluene
 Concen: 21.73 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	121768		
134	25.9	12.9	38.6	
91	26.9	12.6	37.6	





#87

1,3-Dichlorobenzene

Concen: 21.22 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Instrument :

MSVOA_X

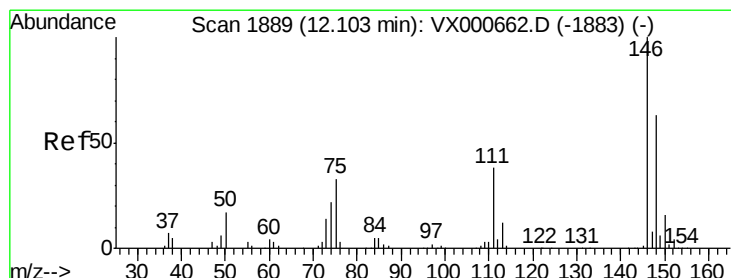
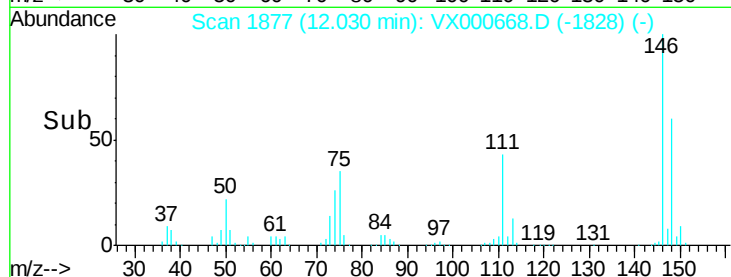
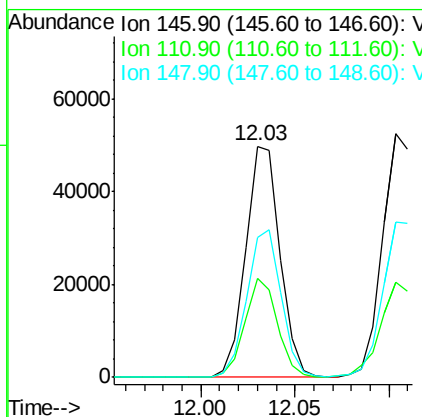
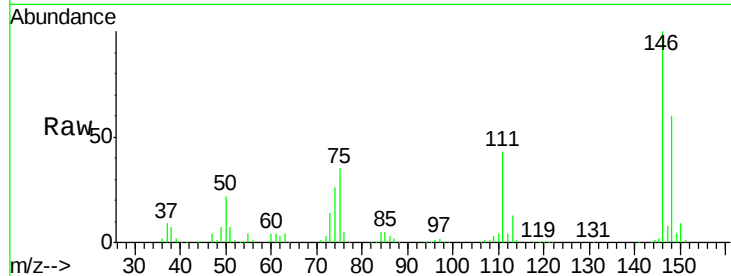
ClientSampled :

VX0404WBSD01

Tot Ion:	146	Resp:	62937
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.2	60.6
148	63.9	31.0	93.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.21 ug/l

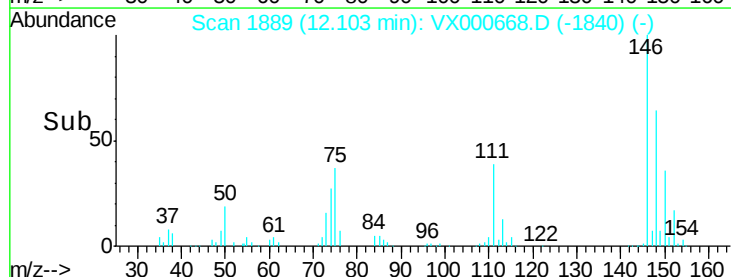
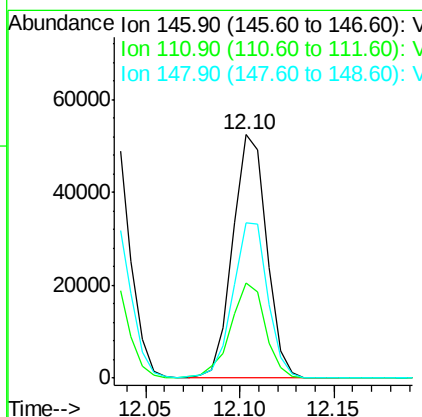
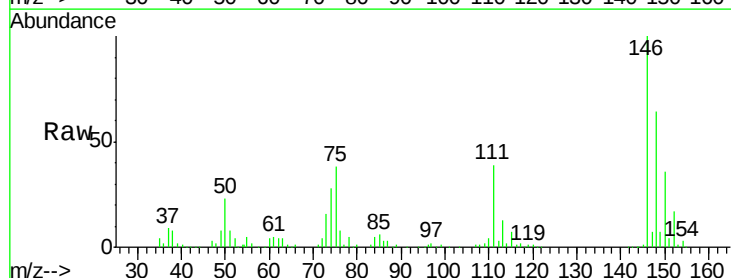
RT: 12.10 min Scan# 1889

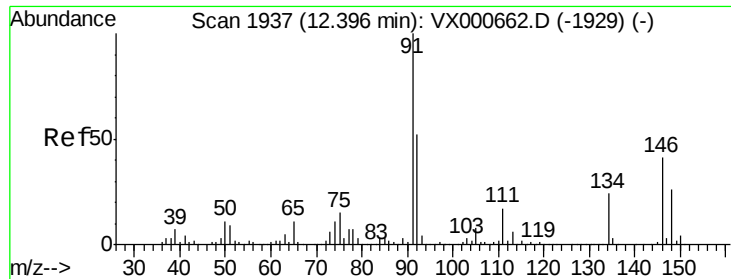
Delta R.T. -0.00 min

Lab File: VX000668.D

Acq: 04 Apr 2018 20:26

Tgt Ion:	146	Resp:	65559
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.1	60.3
148	65.6	31.8	95.4





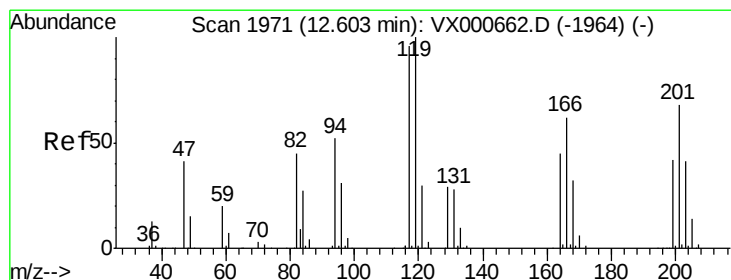
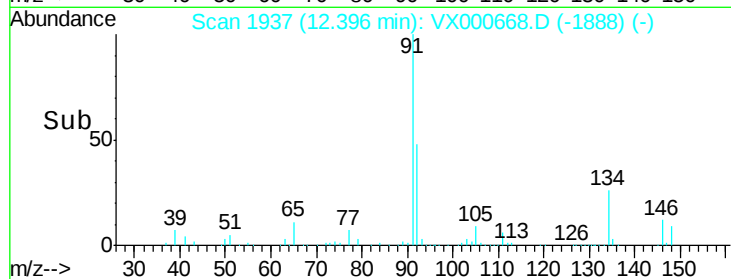
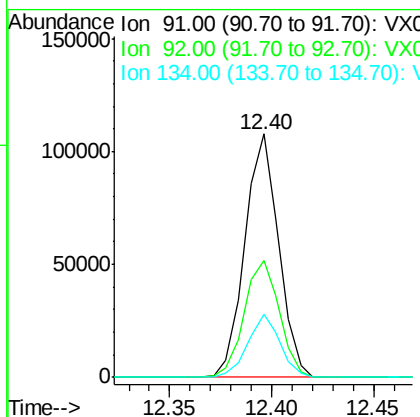
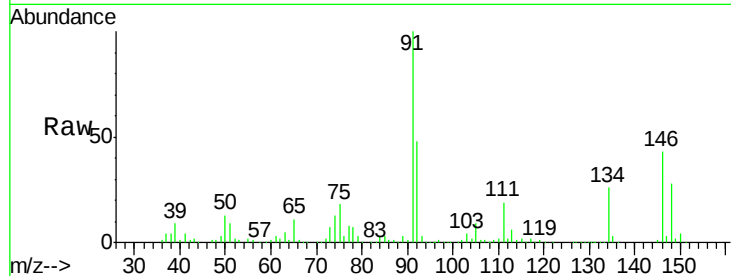
#89
n-Butylbenzene
Concen: 21.69 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	123970		
92	50.2	25.9	77.8	
134	24.6	12.2	36.6	

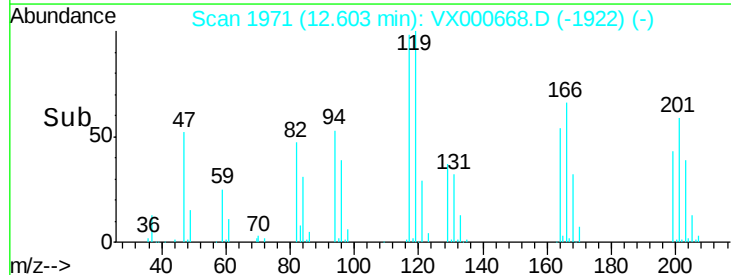
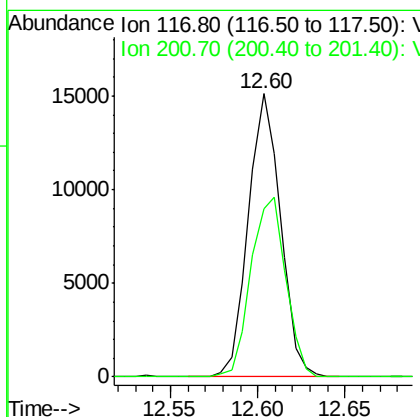
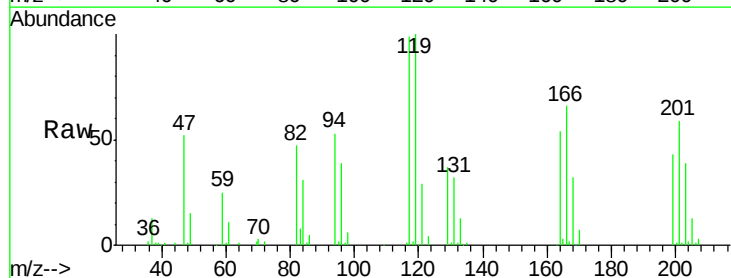
Manual Integrations
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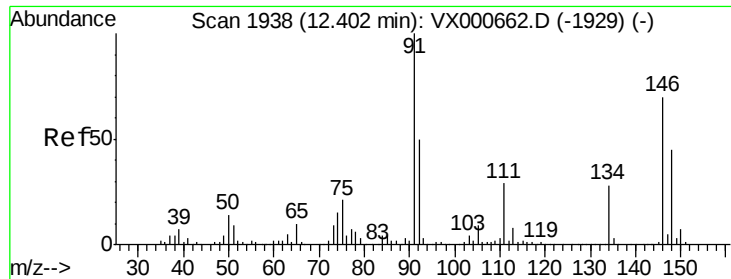
sam
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#90
Hexachloroethane
Concen: 20.42 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19444		
201	68.5	33.9	101.6	





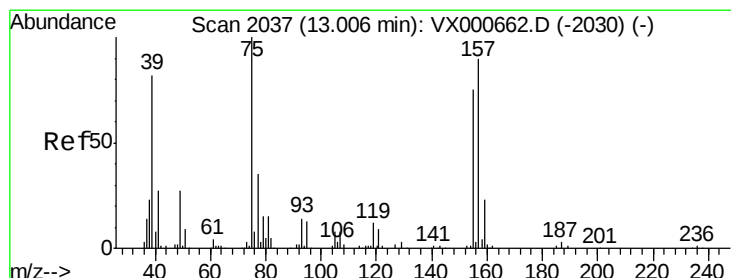
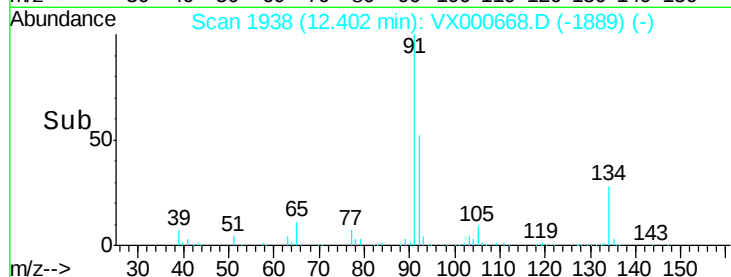
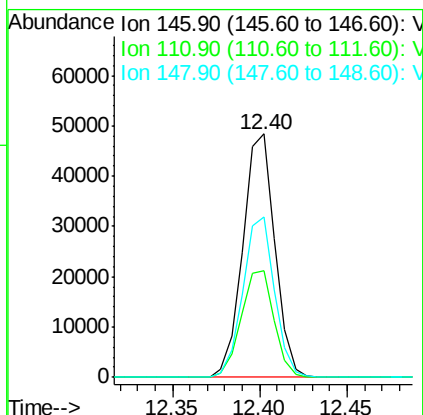
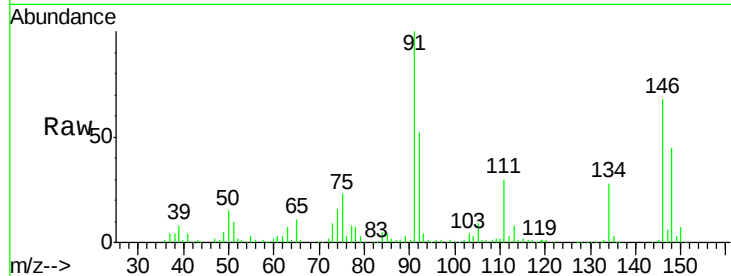
#91
 1,2-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.3	63.7
148	65.2	31.8	95.3

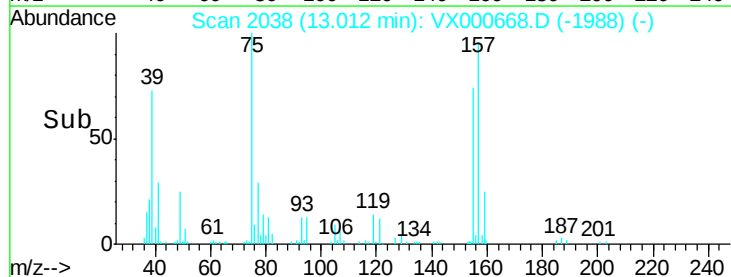
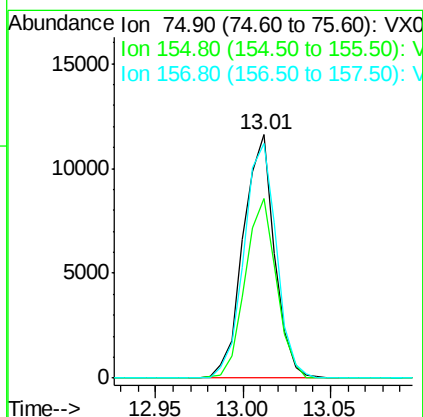
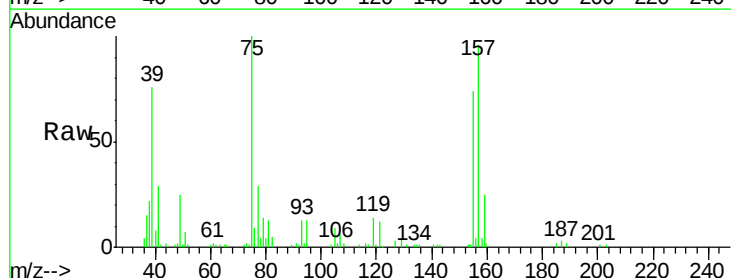
Manual Integrations
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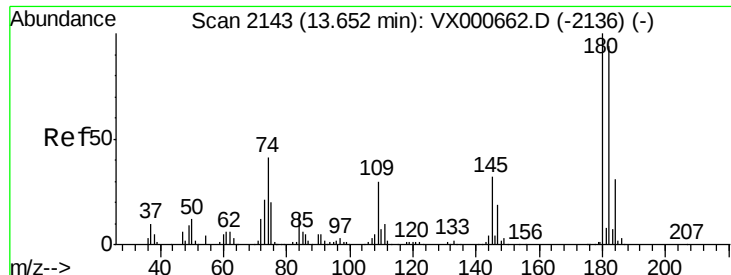
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.82 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000668.D
 Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	38.9	116.7
157	99.7	49.1	147.3





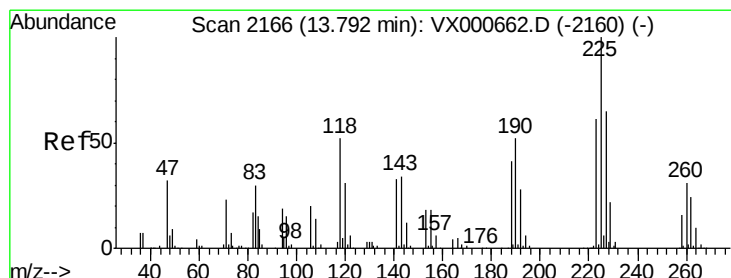
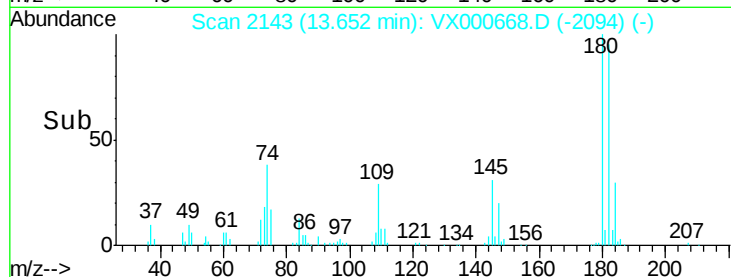
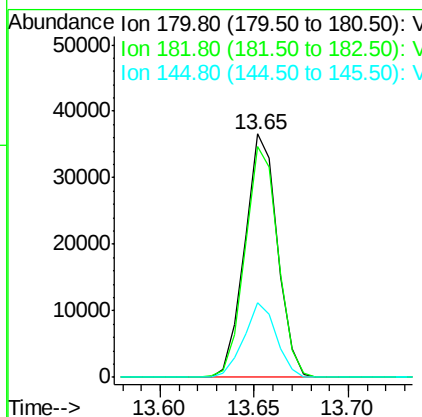
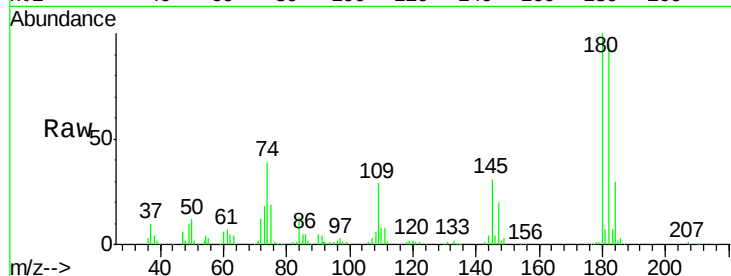
#93
1,2,4-Trichlorobenzene
Concen: 21.17 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	30.5	14.8	44.3

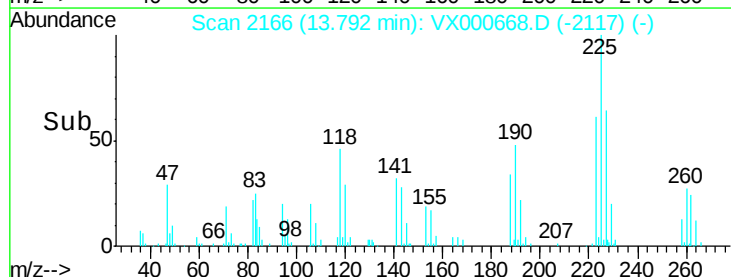
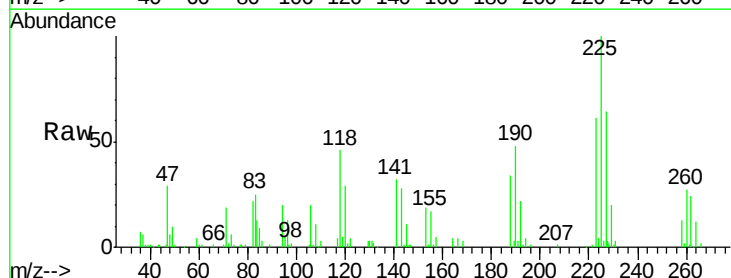
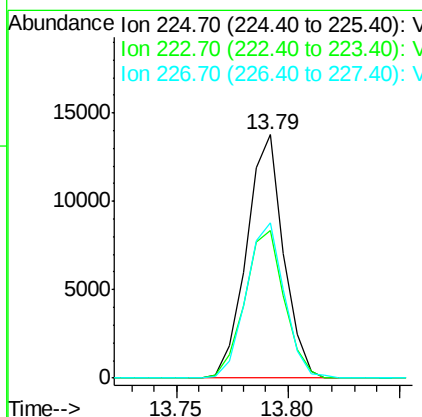
Manual Integrations
APPROVED

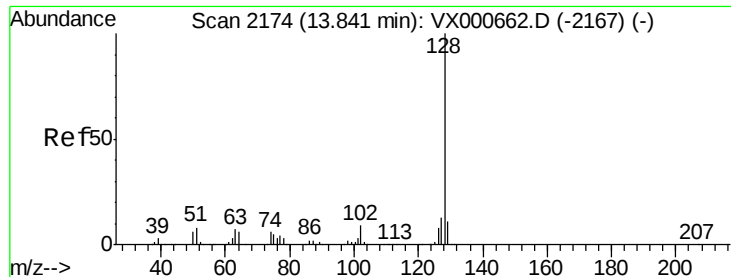
sam
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#94
Hexachlorobutadiene
Concen: 20.00 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.4	94.0
227	65.7	32.7	98.1





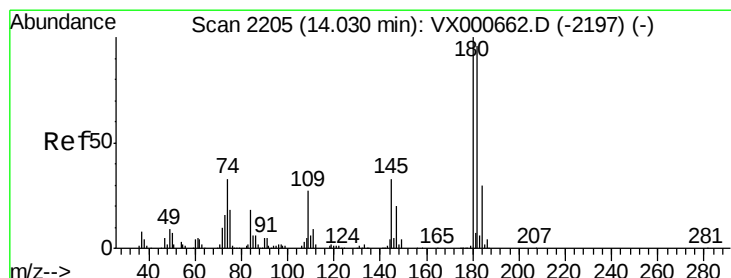
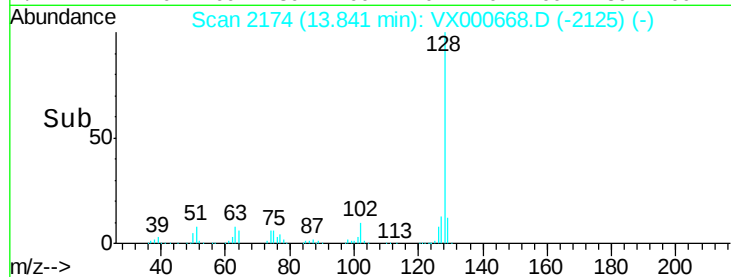
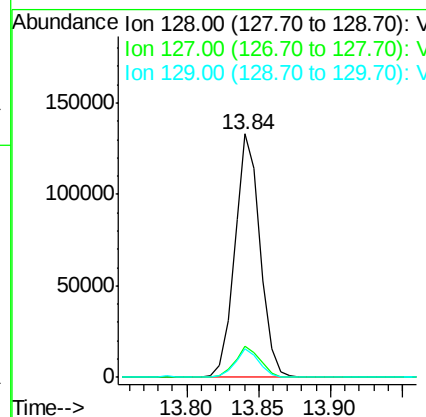
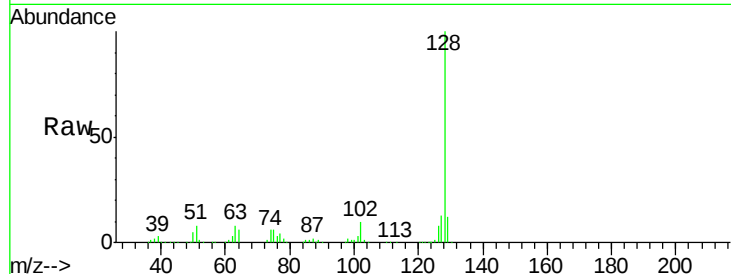
#95
Naphthalene
Concen: 21.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Instrument :
MSVOA_X
ClientSampled :
VX0404WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	162431		
127	12.9	10.6	16.0	
129	11.1	8.9	13.3	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.59 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000668.D
Acq: 04 Apr 2018 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	43128		
182	96.7	47.2	141.6	
145	34.2	16.8	50.4	

