

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000724.D
 Acq On : 08 Apr 2018 12:12
 Operator : JC/MD
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Manual Integrations
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 4/9/2018 2:03:18 PM

Quant Time: Apr 09 07:08:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	345035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	469316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	261772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182207	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	5.51	113	151283	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.72	98	552253	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.15	95	225331	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59188	19.05	ug/l	99
3) Chloromethane	1.32	50	48571	18.78	ug/l	97
4) Vinyl Chloride	1.41	62	50754	18.08	ug/l	100
5) Bromomethane	1.65	94	36420	22.90	ug/l	100
6) Chloroethane	1.73	64	31535	18.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	84800	18.44	ug/l	100
8) Diethyl Ether	2.20	74	33130	20.36	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52174	19.37	ug/l	99
10) Methyl Iodide	2.52	142	49165	20.49	ug/l	99
11) Tert butyl alcohol	3.07	59	65577	97.67	ug/l	100
12) 1,1-Dichloroethene	2.38	96	44626	18.46	ug/l	97
13) Acrolein	2.30	56	25451	86.61	ug/l	99
14) Allyl chloride	2.73	41	89387	18.28	ug/l	99
15) Acrylonitrile	3.15	53	136043	96.67	ug/l	100
16) Acetone	2.45	43	118947	96.10	ug/l	100
17) Carbon Disulfide	2.57	76	107402	18.98	ug/l	99
18) Methyl Acetate	2.78	43	71297	19.40	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	174718	19.43	ug/l	99
20) Methylene Chloride	2.86	84	51921	17.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48270	18.67	ug/l	99
22) Diisopropyl ether	3.88	45	180697	18.86	ug/l	98
23) Vinyl Acetate	3.83	43	779728	96.12	ug/l	99
24) 1,1-Dichloroethane	3.70	63	94568	18.86	ug/l	98
25) 2-Butanone	4.71	43	202735	93.63	ug/l	95
26) 2,2-Dichloropropane	4.59	77	95057	18.63	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	61848	18.71	ug/l	99
28) Bromochloromethane	5.03	49	40022	17.75	ug/l	97
29) Tetrahydrofuran	5.17	42	127365	92.43	ug/l	98
30) Chloroform	5.23	83	103019	18.90	ug/l	99
31) Cyclohexane	5.59	56	79588	18.65	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	97488	18.77	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74930	18.64	ug/l	99
37) Ethyl Acetate	4.87	43	78779	18.16	ug/l	98
38) Carbon Tetrachloride	5.79	117	89780	19.06	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87715	19.49	ug/l	97
40) Benzene	6.15	78	216292	19.13	ug/l	99
41) Methacrylonitrile	5.07	41	47068	18.73	ug/l	98
42) 1,2-Dichloroethane	6.21	62	86611	19.42	ug/l	97
43) Isopropyl Acetate	6.48	43	142588	18.87	ug/l	100
44) Trichloroethene	7.22	130	66696	19.41	ug/l	97
45) 1,2-Dichloropropane	7.52	63	58319	19.24	ug/l	98
46) Dibromomethane	7.67	93	40179	19.10	ug/l	100
47) Bromodichloromethane	7.91	83	84621	19.44	ug/l	100
48) Methyl methacrylate	7.79	41	72685	19.12	ug/l	98
49) 1,4-Dioxane	7.76	88	29463	390.52	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	417571	95.39	ug/l	98
52) Toluene	8.79	92	143323	19.01	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	100328	19.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	99185	19.28	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	60031	19.58	ug/l	98
56) Ethyl methacrylate	9.19	69	93833	19.19	ug/l	100
57) 1,3-Dichloropropane	9.38	76	96236	19.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223809	97.74	ug/l	100
59) 2-Hexanone	9.51	43	315296	94.37	ug/l	98
60) Dibromochloromethane	9.59	129	73851	19.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62694	19.04	ug/l	99
64) Tetrachloroethene	9.34	164	66518	19.54	ug/l	99
65) Chlorobenzene	10.15	112	173179	19.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67620	19.38	ug/l	100
67) Ethyl Benzene	10.26	91	289107	19.29	ug/l	100
68) m/p-Xylenes	10.37	106	228202	38.91	ug/l	100
69) o-Xylene	10.71	106	111151	19.31	ug/l	99
70) Styrene	10.72	104	187226	19.25	ug/l	99
71) Bromoform	10.87	173	64333	19.47	ug/l #	98
73) Isopropylbenzene	11.02	105	302625	19.34	ug/l	100
74) N-amyl acetate	6.48	43	142588	18.72	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88032	18.93	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84666m	19.01	ug/l	
77) Bromobenzene	11.26	156	87635	19.75	ug/l	99
78) n-propylbenzene	11.37	91	348307	19.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	204127	19.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	261786	19.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30349	17.74	ug/l	95
82) 4-Chlorotoluene	11.52	91	246976	19.25	ug/l	100
83) tert-Butylbenzene	11.78	119	268099	19.29	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	270928	19.30	ug/l	100
85) sec-Butylbenzene	11.95	105	317474	19.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	297298	19.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	162406	19.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166995	19.59	ug/l	99
89) n-Butylbenzene	12.40	91	263874	19.43	ug/l	100
90) Hexachloroethane	12.60	117	52467	19.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	159105	19.60	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22179	18.14	ug/l	97

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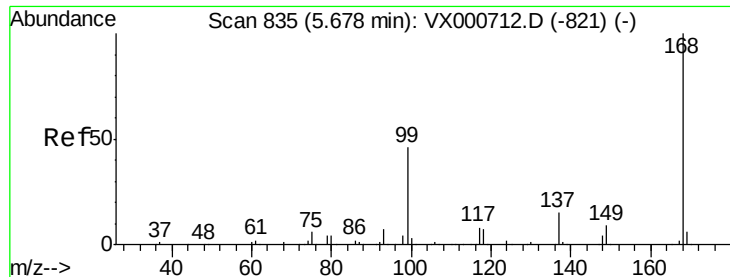
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136215	19.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	68183	20.05	ug/l	99
95) Naphthalene	13.84	128	350677	19.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	132193	19.84	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion:168 Resp: 345035

Ion Ratio Lower Upper

168 100

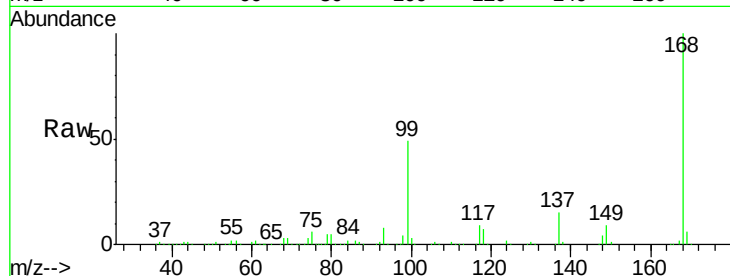
99 48.4 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

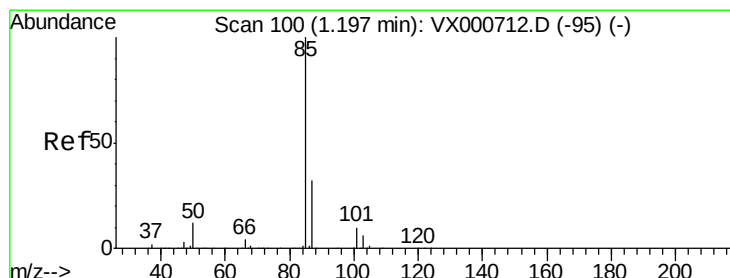
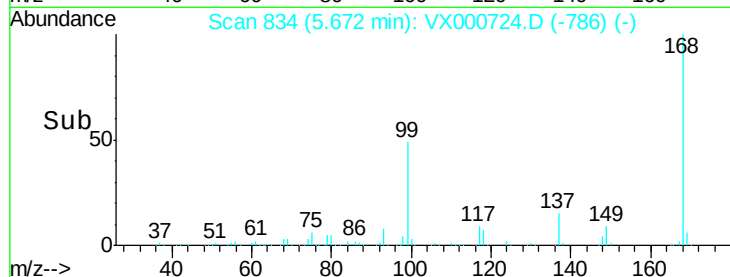
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000724.D

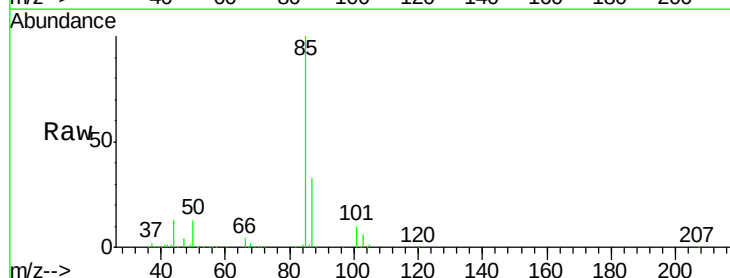
Acq: 08 Apr 2018 12:12

Tgt Ion: 85 Resp: 59188

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

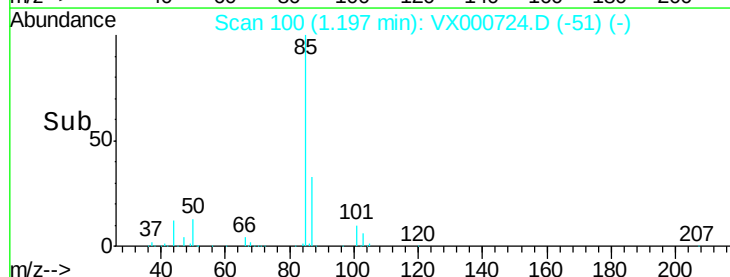
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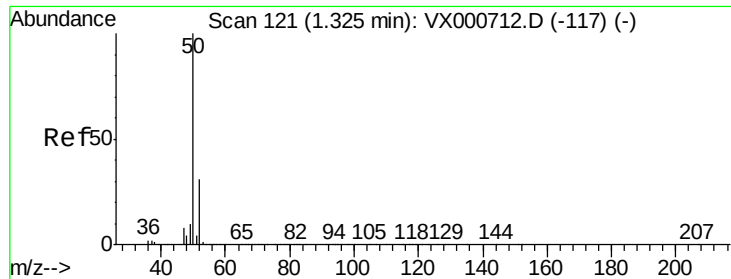
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion: 50 Resp: 48571

Ion Ratio Lower Upper

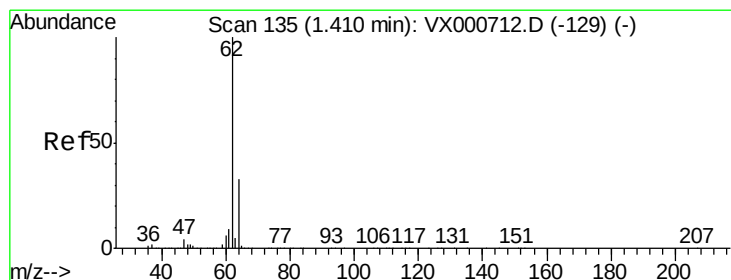
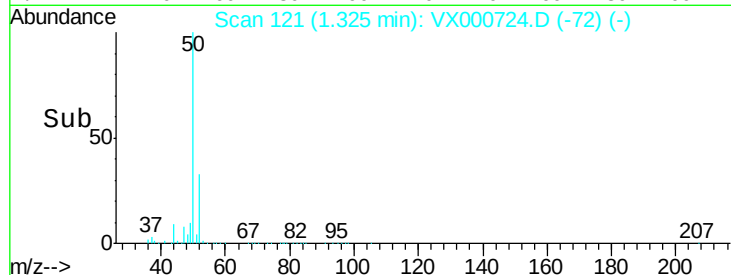
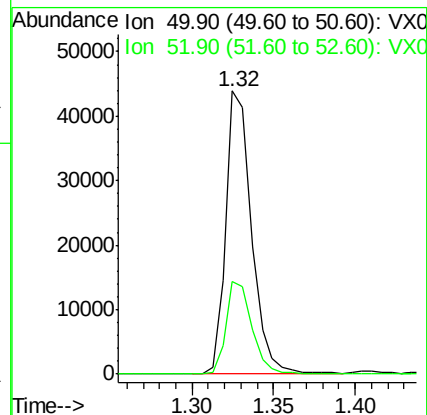
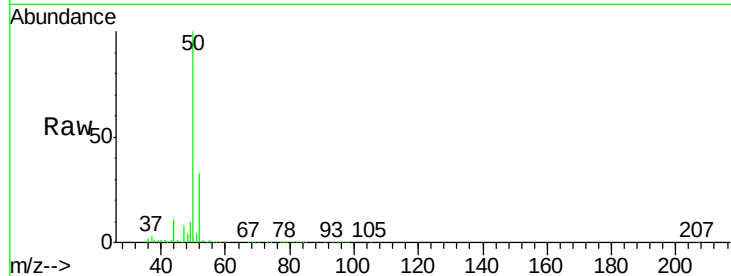
50 100

52 32.7 24.9 37.3

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#4

Vinyl Chloride

Concen: 18.08 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000724.D

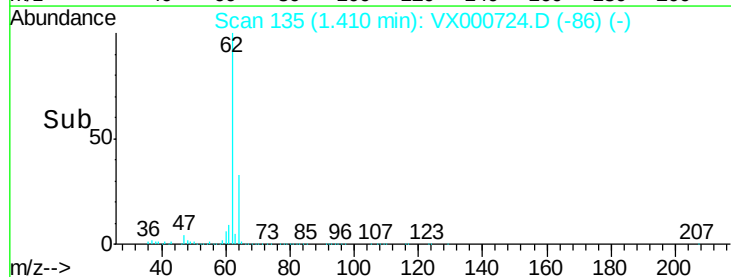
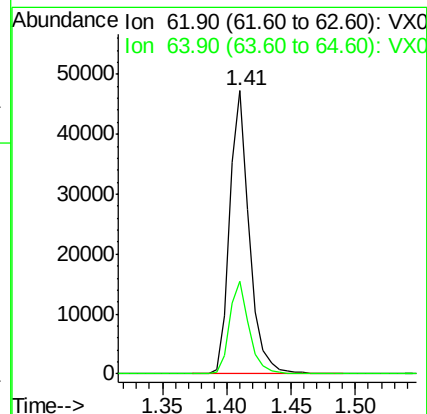
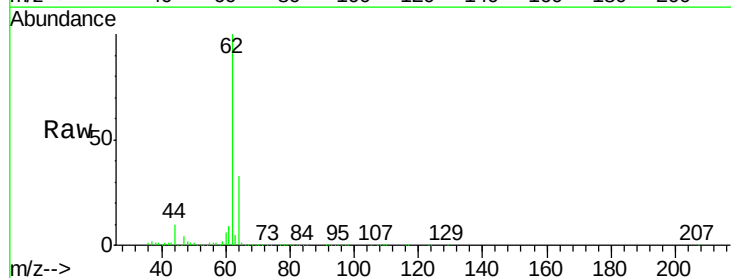
Acq: 08 Apr 2018 12:12

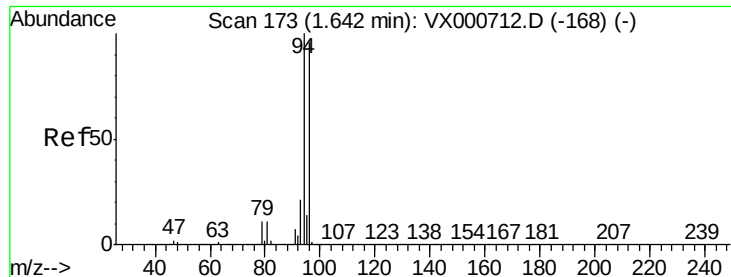
Tgt Ion: 62 Resp: 50754

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 22.90 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 94 Resp: 36420

Ion Ratio Lower Upper

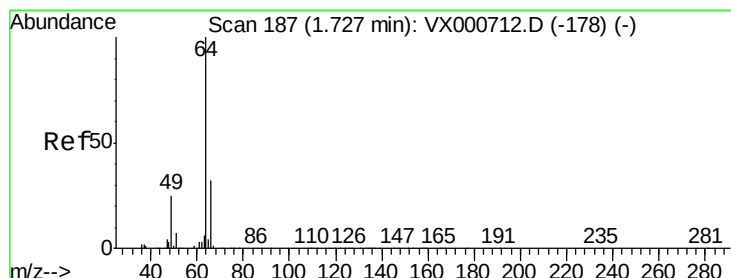
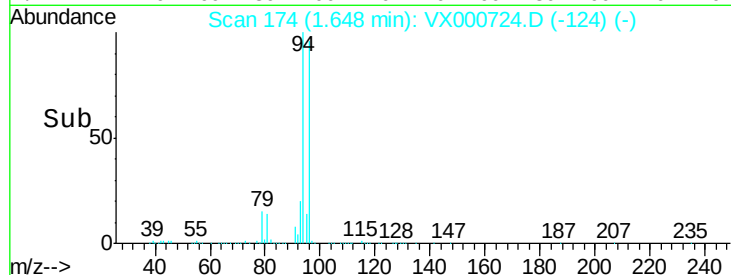
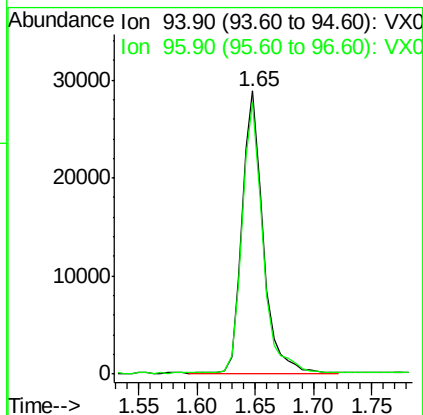
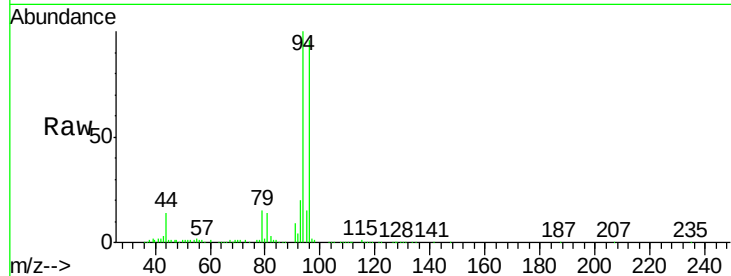
94 100

96 95.7 76.5 114.7

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#6

Chloroethane

Concen: 18.30 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000724.D

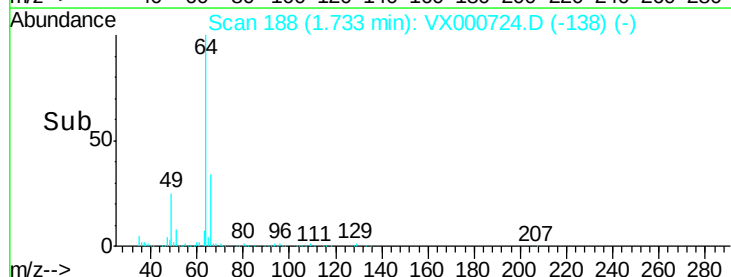
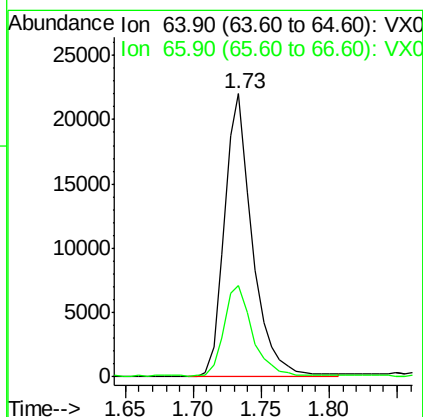
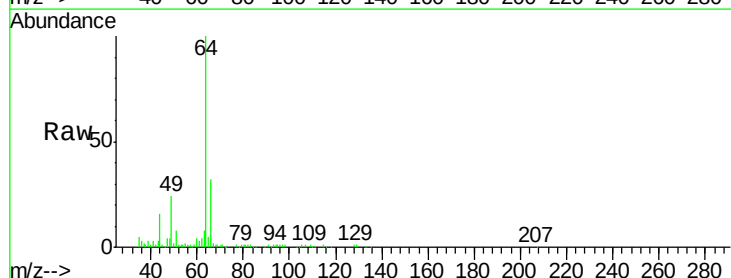
Acq: 08 Apr 2018 12:12

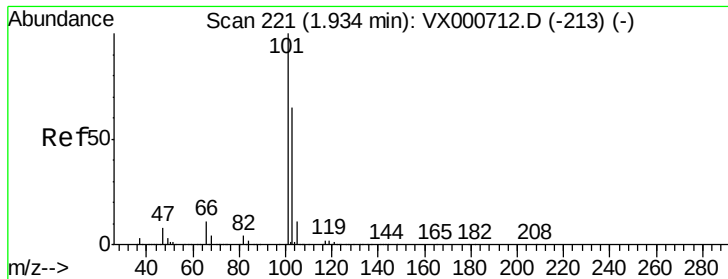
Tgt Ion: 64 Resp: 31535

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2





#7

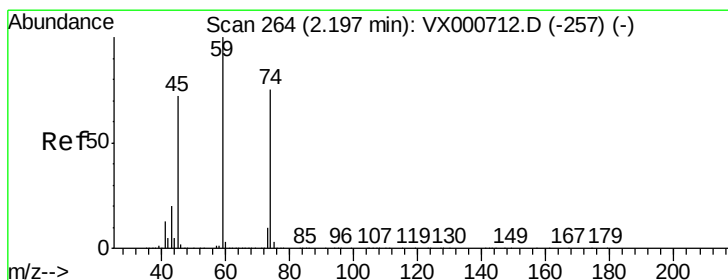
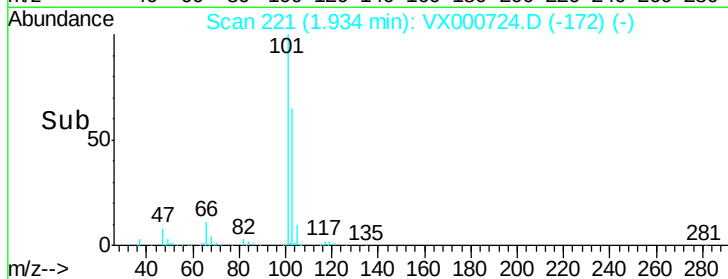
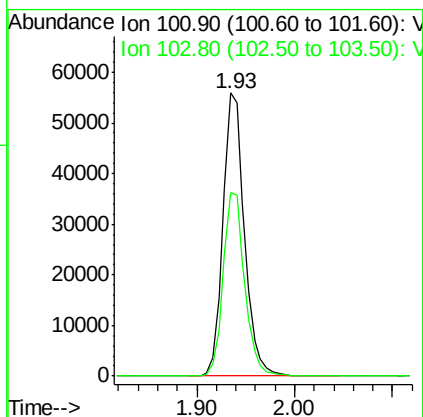
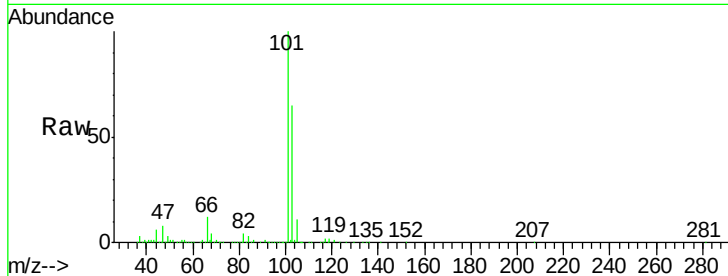
Trichlorofluoromethane
 Concen: 18.44 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
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 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.1	78.1

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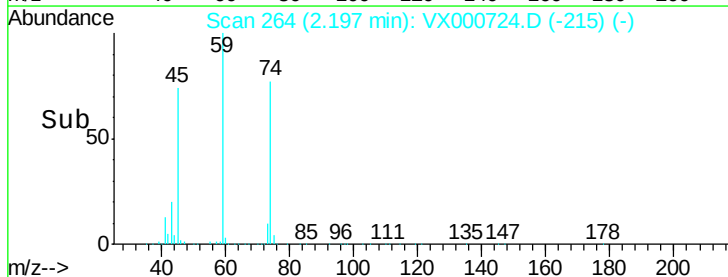
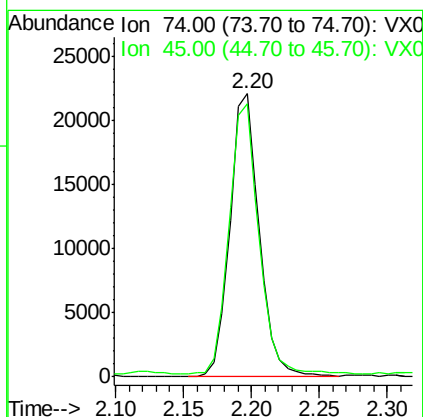
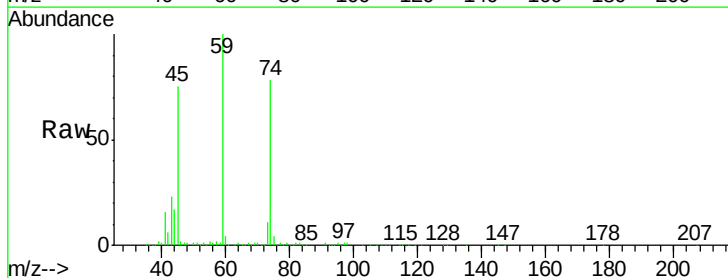
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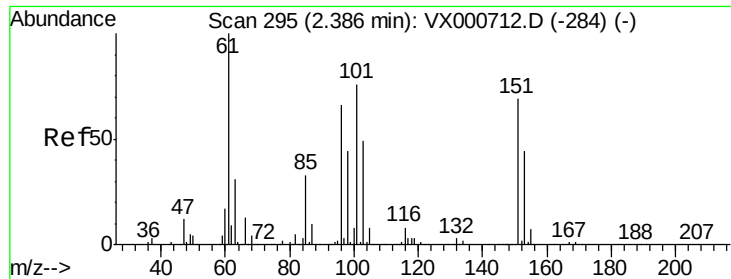


#8

Diethyl Ether
 Concen: 20.36 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	48.4	145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.37 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

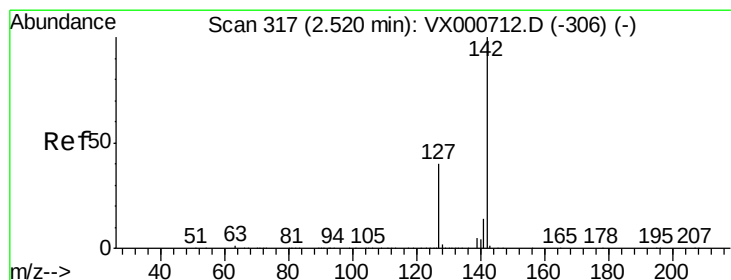
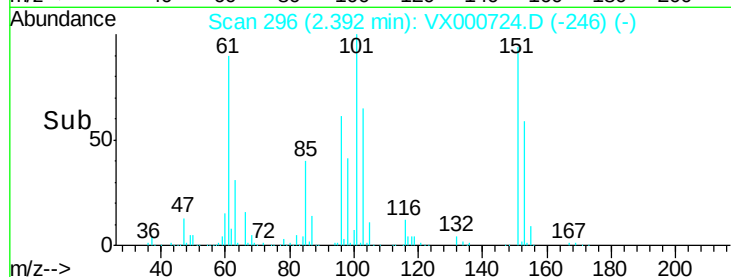
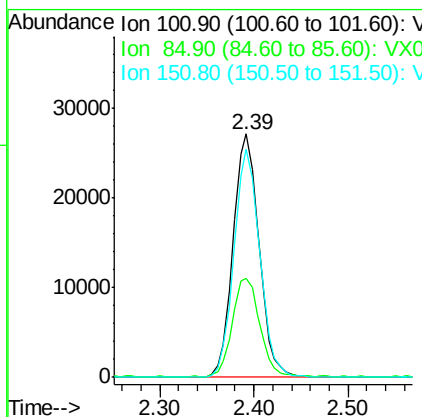
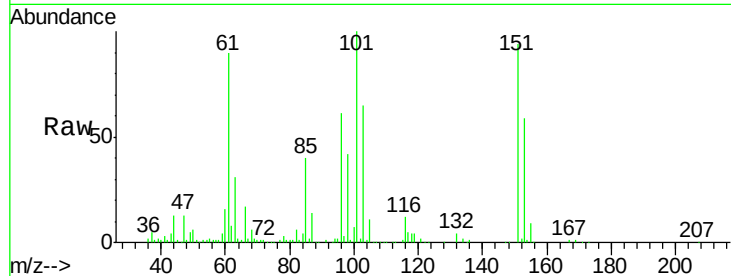
ClientSampled :

VX0408WBSD01

Tot Ion:	101	Resp:	52174
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.3	51.5
151	93.4	73.8	110.8

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#10

Methyl Iodide

Concen: 20.49 ug/l

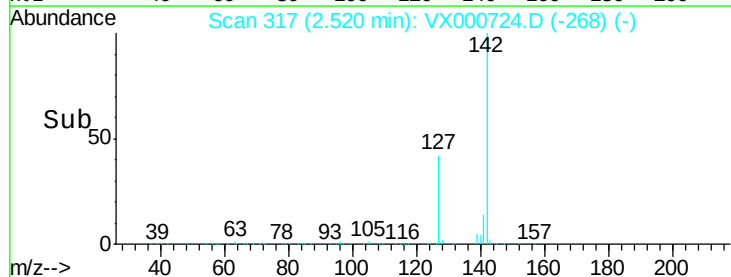
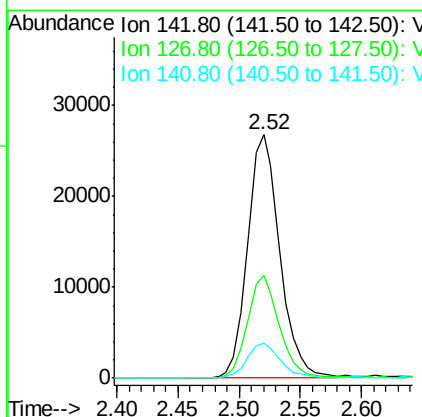
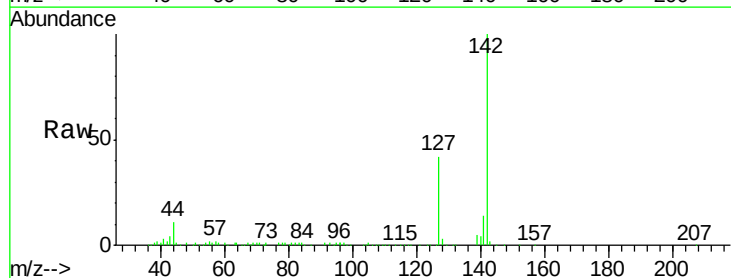
RT: 2.52 min Scan# 317

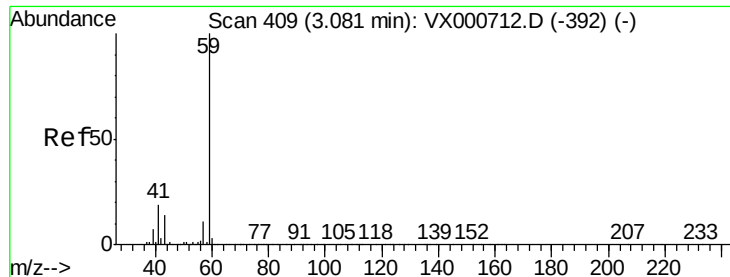
Delta R.T. 0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Tgt Ion:	142	Resp:	49165
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.9	50.9
141	15.3	11.4	17.0





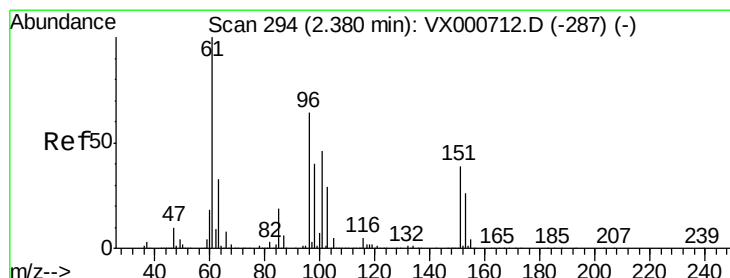
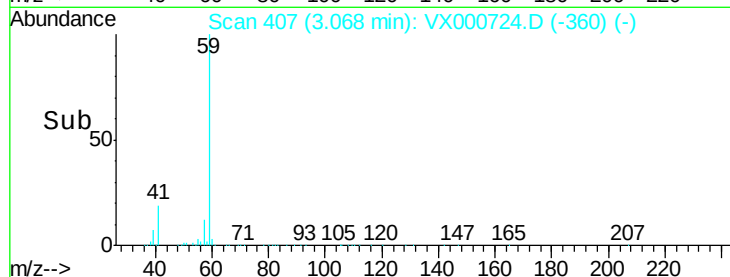
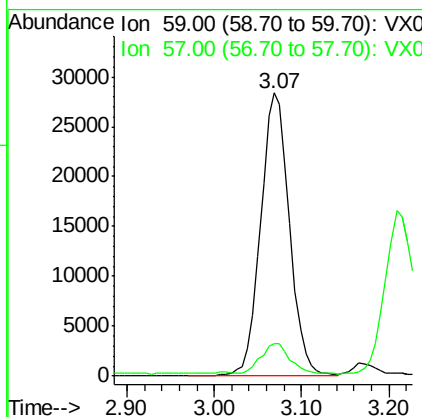
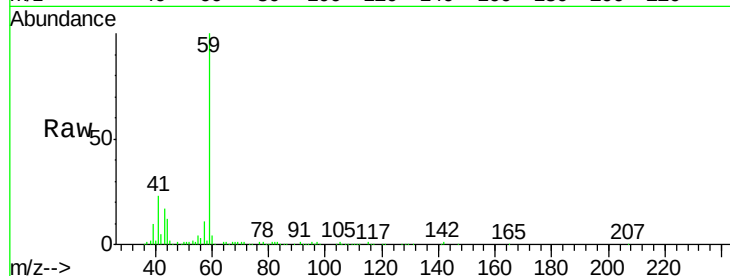
#11
Tert butyl alcohol
Concen: 97.67 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion: 59 Resp: 65577
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

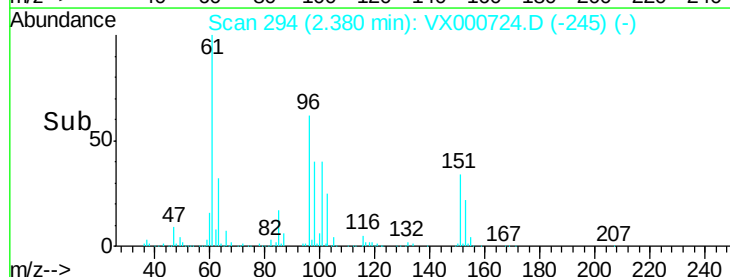
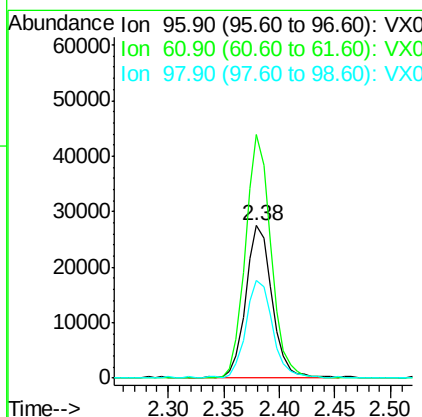
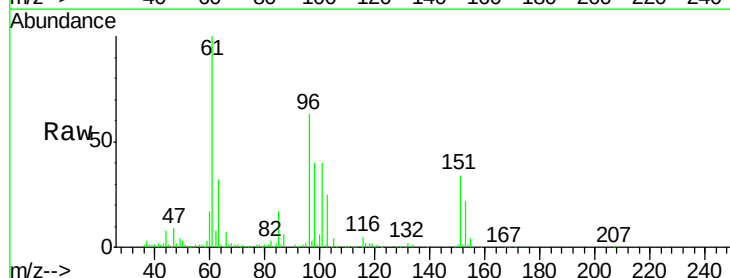
Manual Integrations
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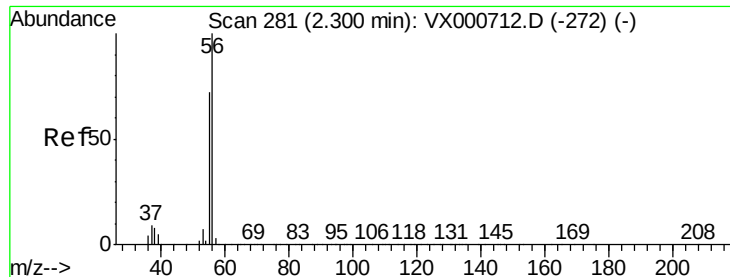
sam
4/9/2018 2:03:18 PM



#12
1,1-Dichloroethene
Concen: 18.46 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion: 96 Resp: 44626
Ion Ratio Lower Upper
96 100
61 160.4 125.0 187.4
98 63.8 50.5 75.7





#13

Acrolein

Concen: 86.61 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 56 Resp: 25451

Ion Ratio Lower Upper

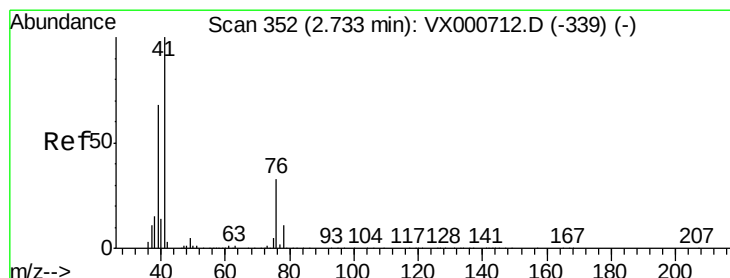
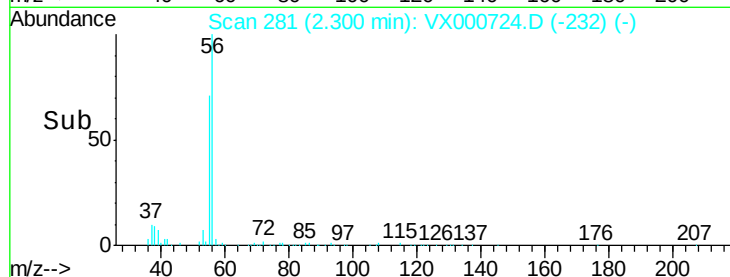
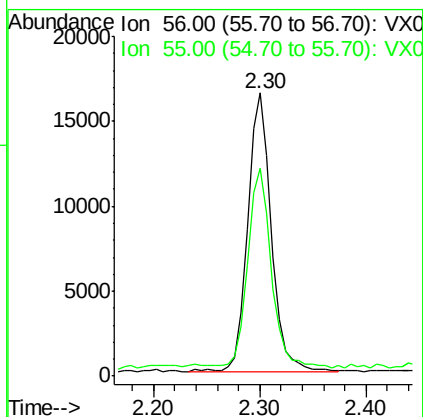
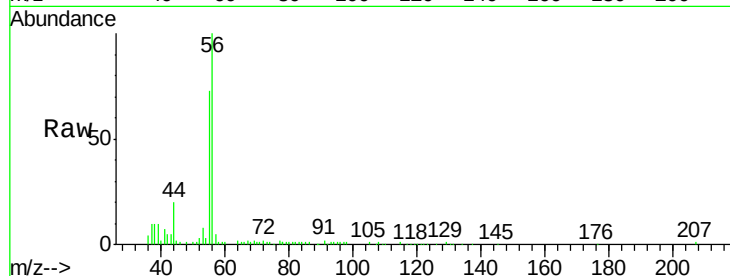
56 100

55 71.3 57.4 86.2

Manual Integrations
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sam

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#14

Allyl chloride

Concen: 18.28 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

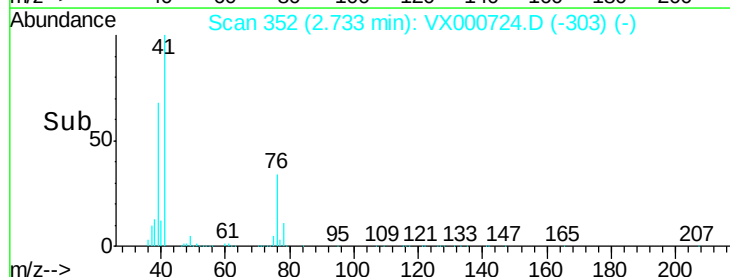
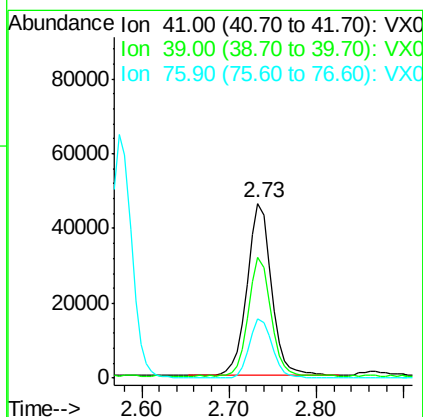
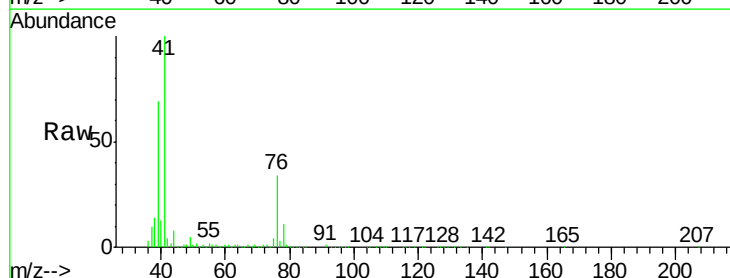
Tgt Ion: 41 Resp: 89387

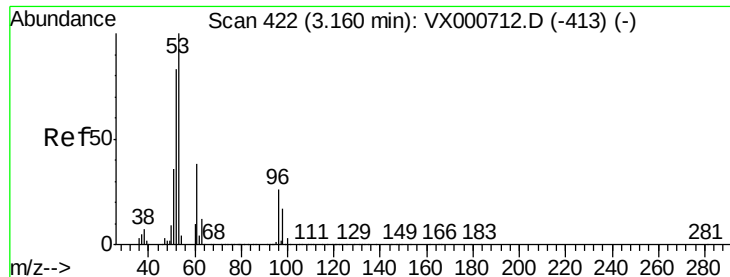
Ion Ratio Lower Upper

41 100

39 64.7 52.4 78.6

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 96.67 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

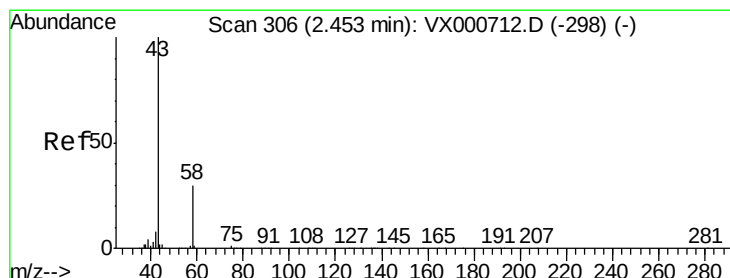
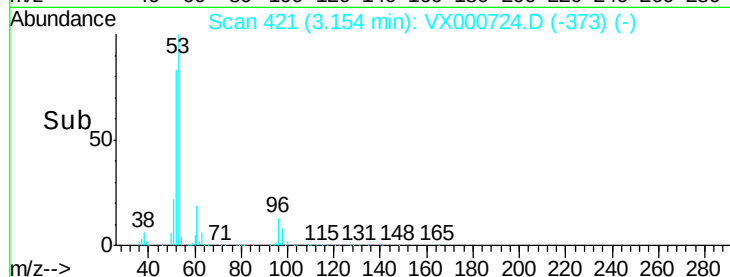
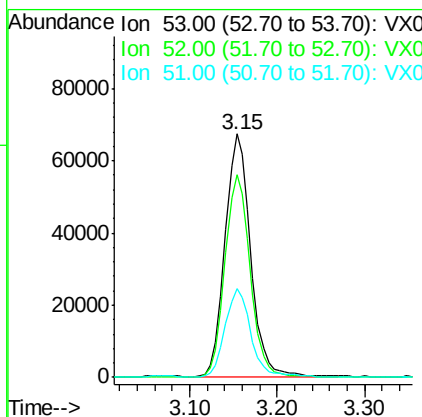
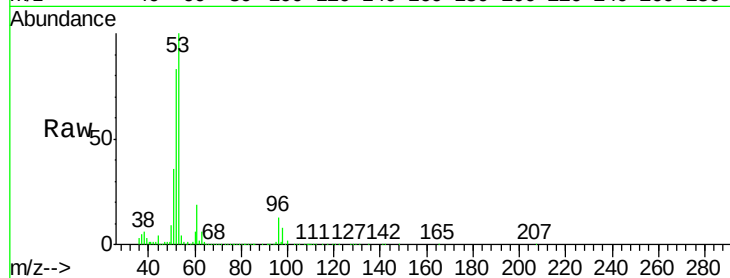
ClientSampleId :

VX0408WBSD01

Tot Ion:	53	Resp:	136043
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.1	99.1
51	36.6	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 96.10 ug/l

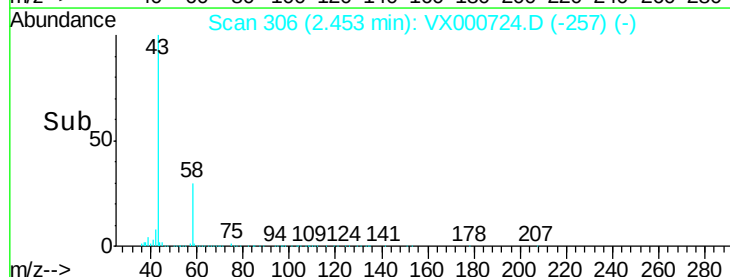
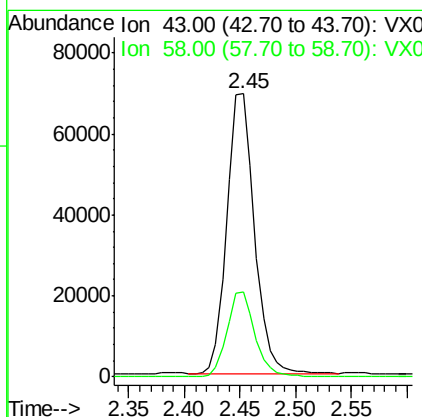
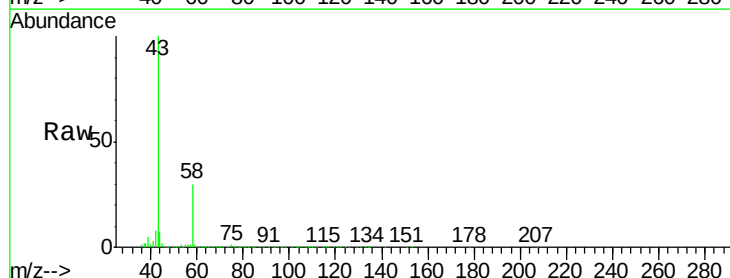
RT: 2.45 min Scan# 306

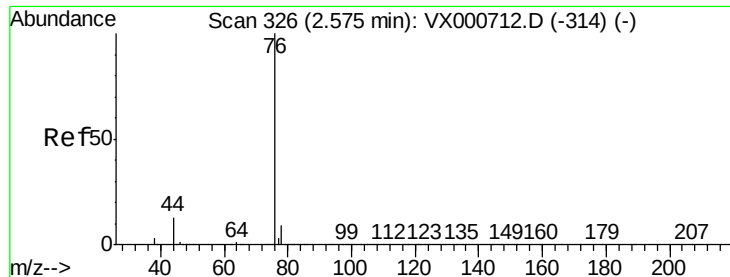
Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Tgt Ion:	43	Resp:	118947
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.0	36.0





#17

Carbon Disulfide

Concen: 18.98 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion: 76 Resp: 107402

Ion Ratio Lower Upper

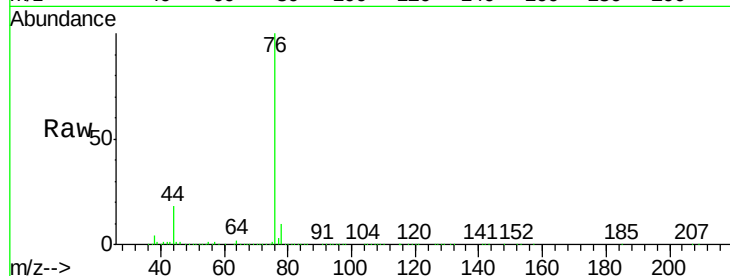
76 100

78 9.4 7.1 10.7

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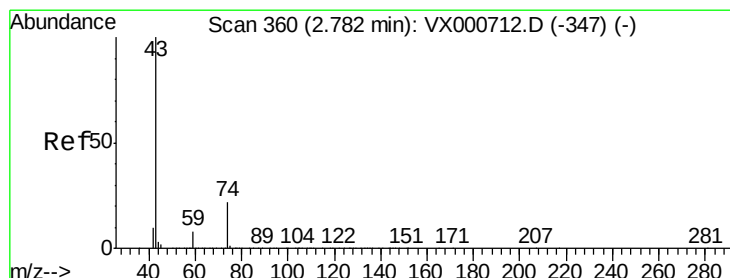
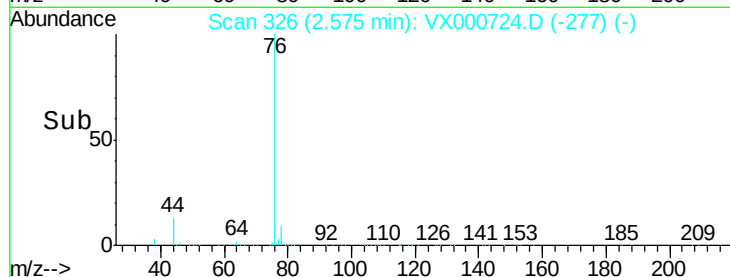
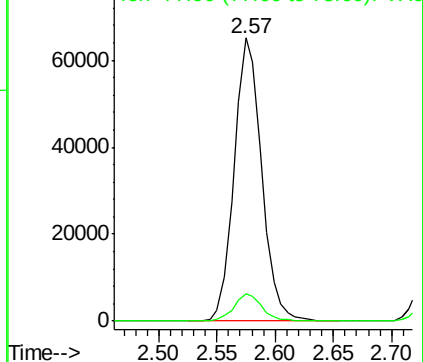
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.40 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000724.D

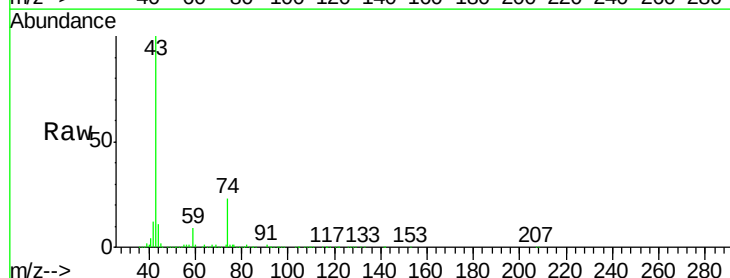
Acq: 08 Apr 2018 12:12

Tgt Ion: 43 Resp: 71297

Ion Ratio Lower Upper

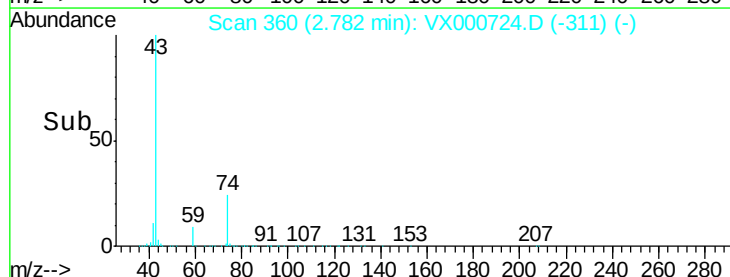
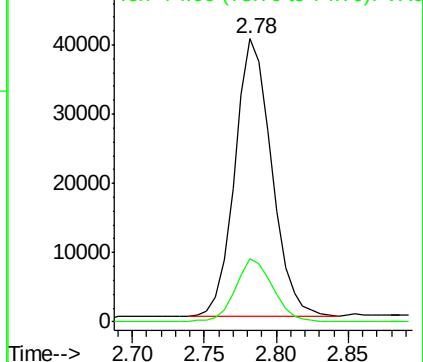
43 100

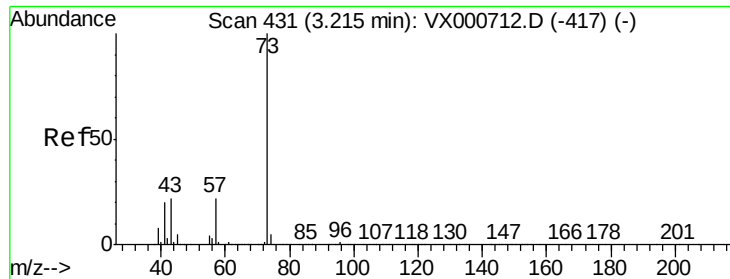
74 23.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





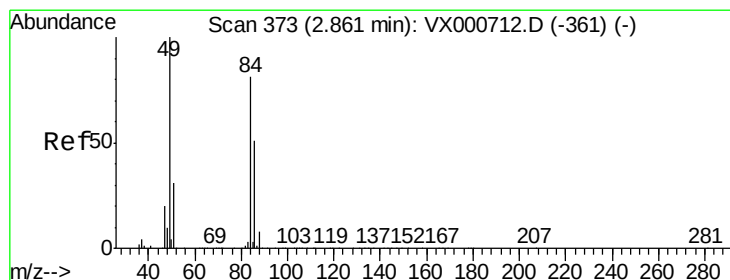
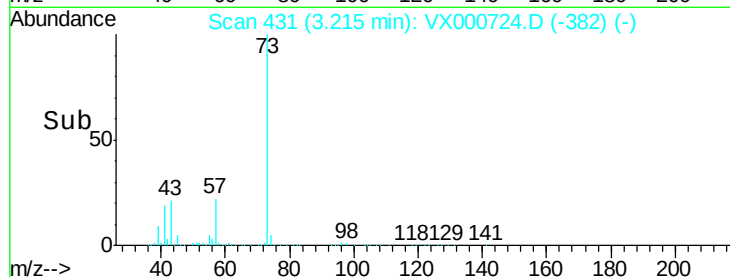
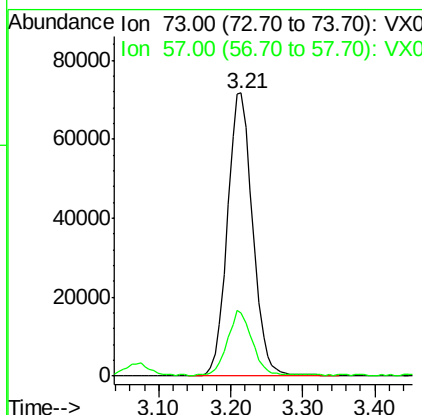
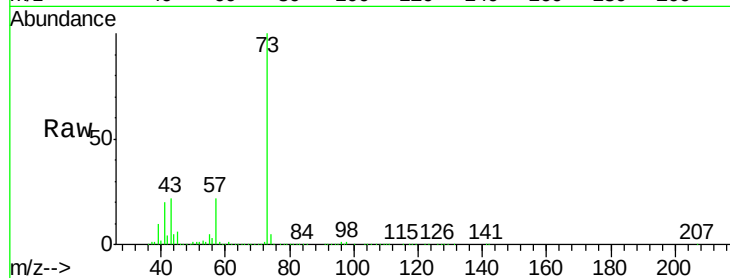
#19
Methyl tert-butyl Ether
Concen: 19.43 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.3	25.9

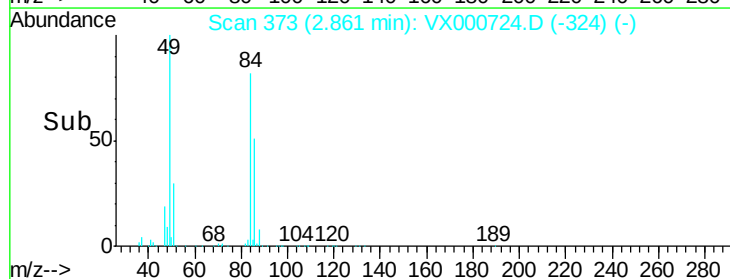
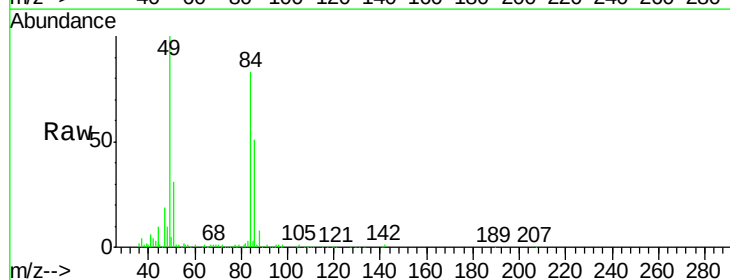
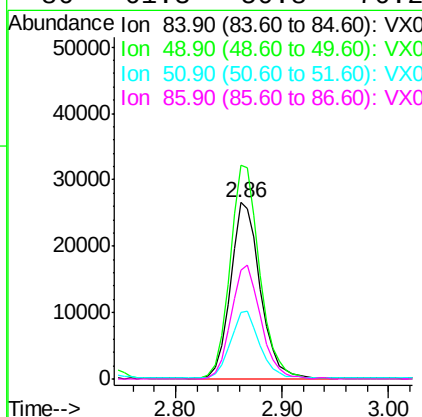
Manual Integrations
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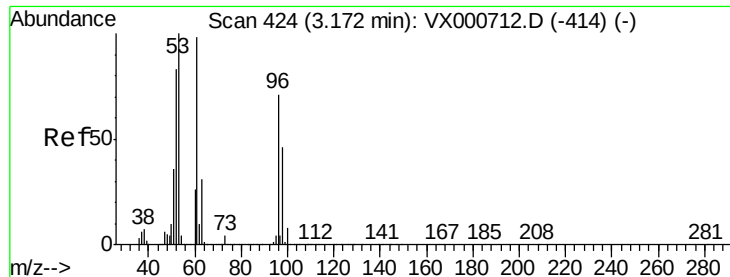
sam
4/9/2018 2:03:18 PM



#20
Methylene Chloride
Concen: 17.63 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	98.6	148.0
51	36.9	30.8	46.2
86	61.3	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.67 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

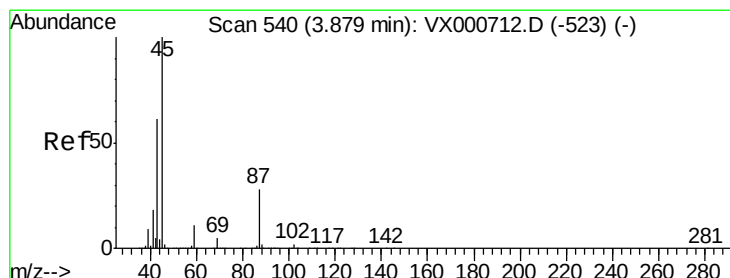
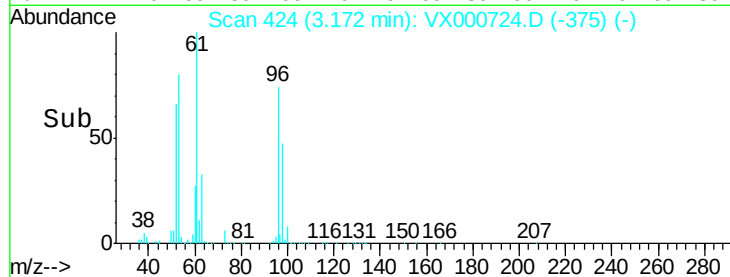
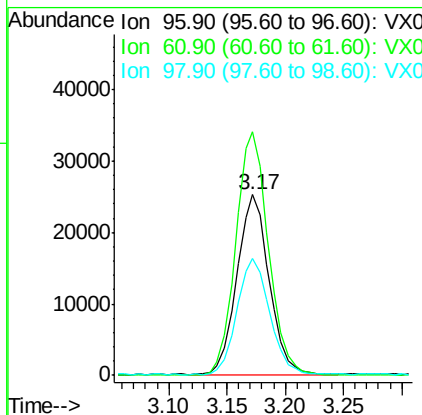
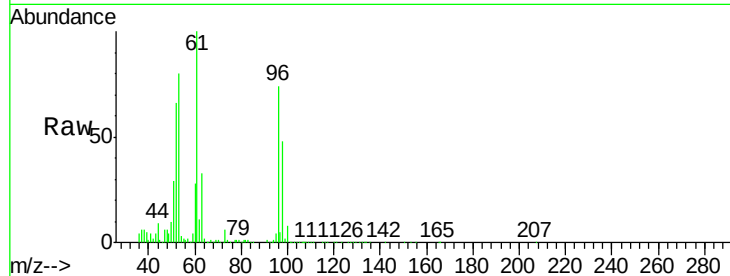
ClientSampleId :

VX0408WBSD01

Tot Ion:	96	Resp:	48270
Ion	Ratio	Lower	Upper
96	100		
61	135.6	109.8	164.6
98	64.3	51.5	77.3

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 18.86 ug/l

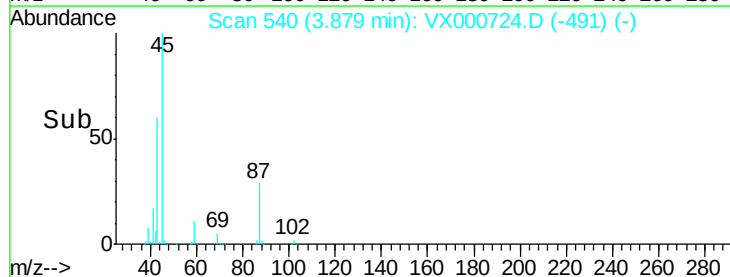
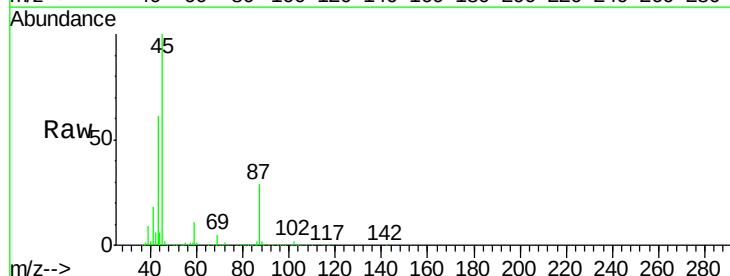
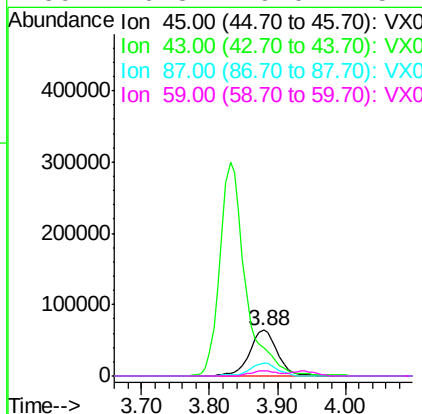
RT: 3.88 min Scan# 540

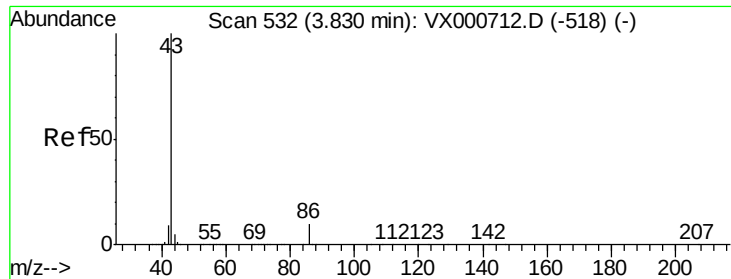
Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Tgt Ion:	45	Resp:	180697
Ion	Ratio	Lower	Upper
45	100		
43	59.7	49.2	73.8
87	29.0	22.7	34.1
59	10.8	9.0	13.4





#23

Vinyl Acetate

Concen: 96.12 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion: 43 Resp: 779728

Ion Ratio Lower Upper

43 100

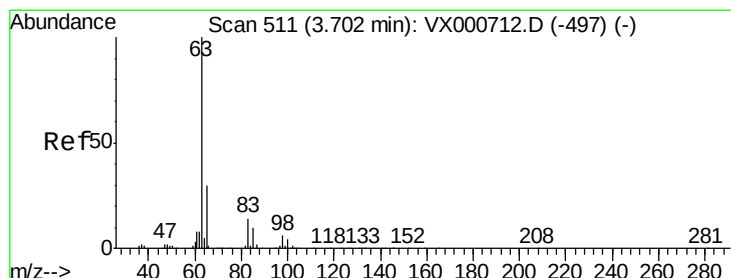
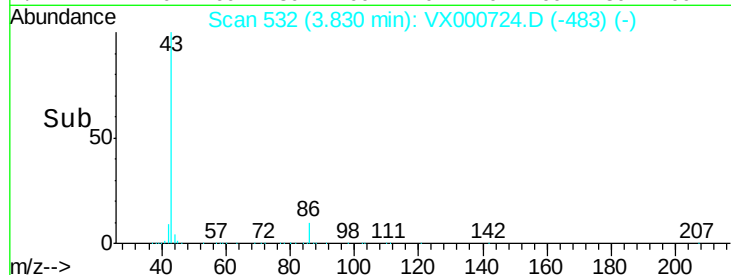
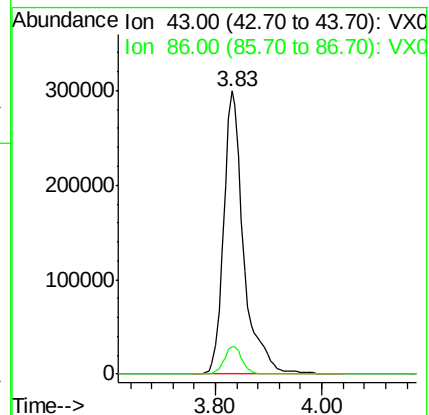
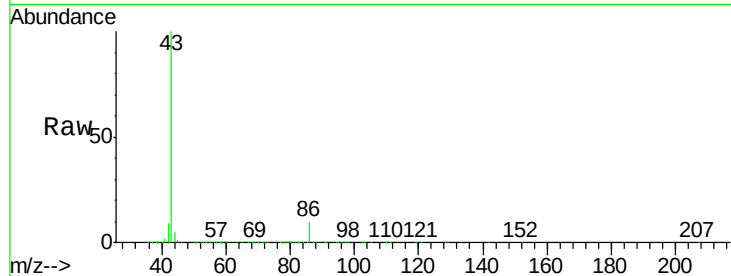
86 9.8 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

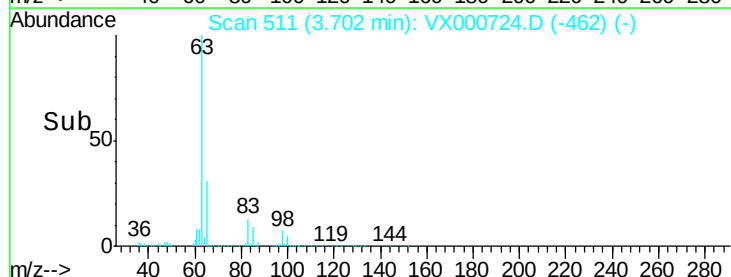
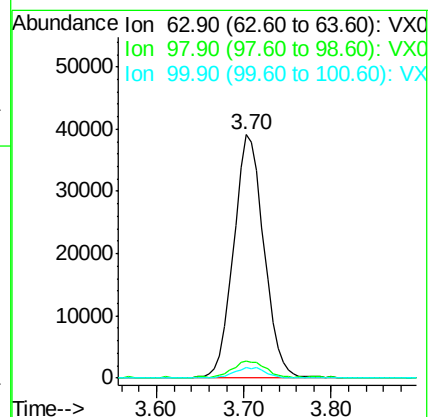
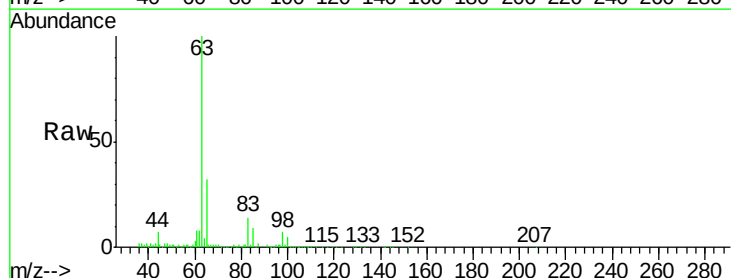
Tgt Ion: 63 Resp: 94568

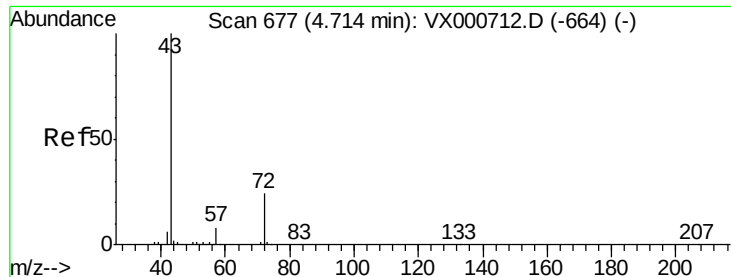
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 93.63 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 43 Resp: 202735

Ion Ratio Lower Upper

43 100

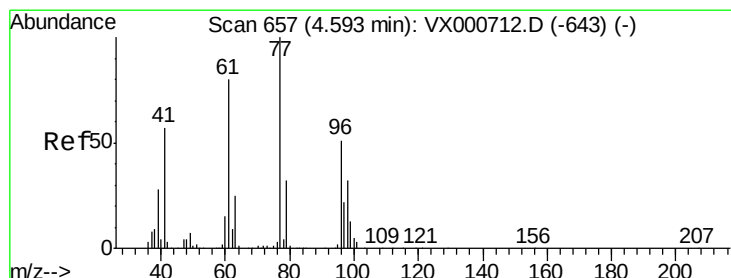
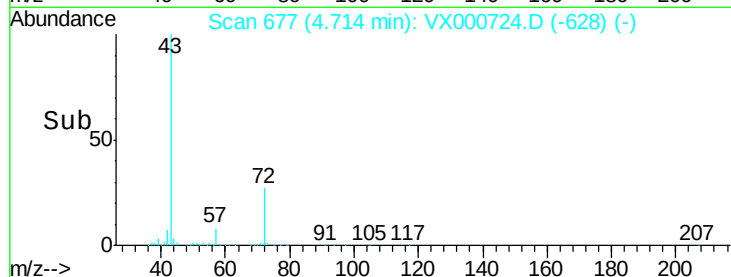
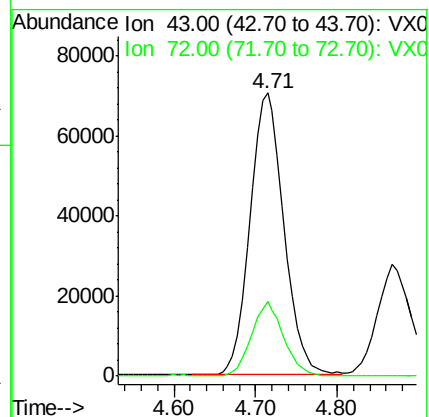
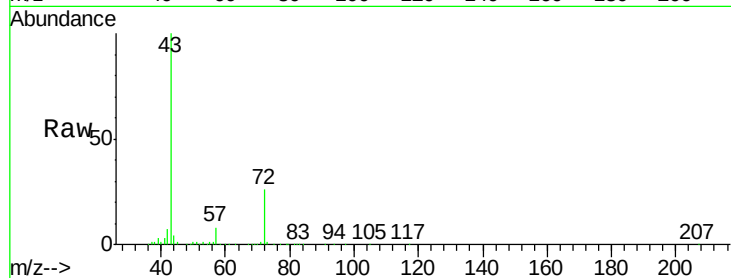
72 26.4 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.63 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000724.D

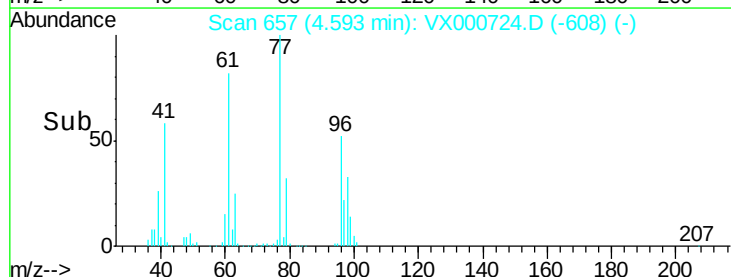
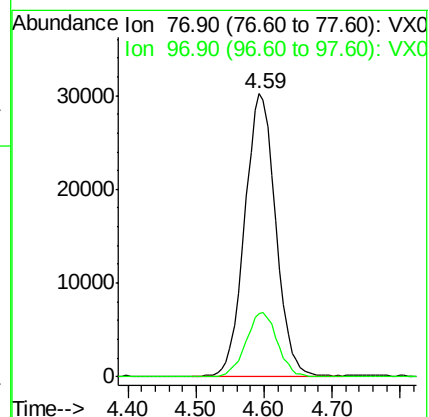
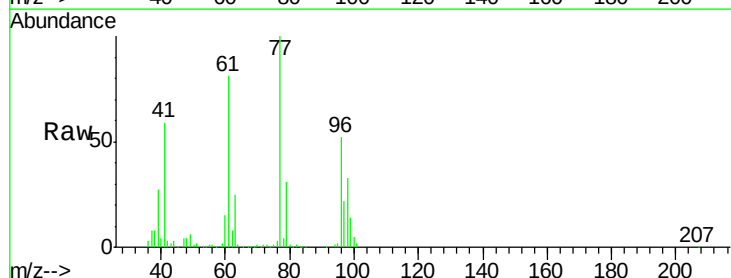
Acq: 08 Apr 2018 12:12

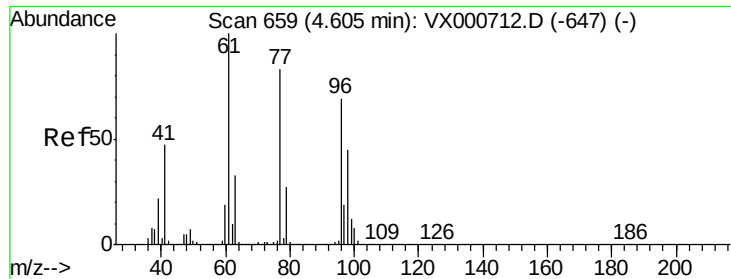
Tgt Ion: 77 Resp: 95057

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9





#27

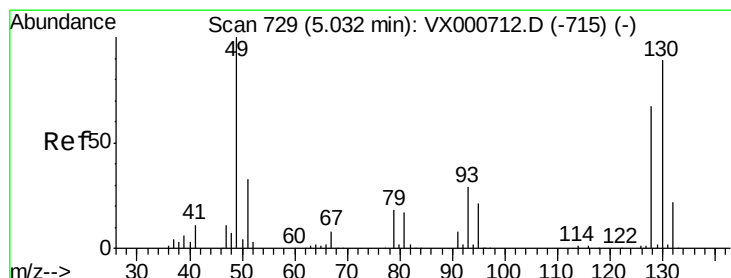
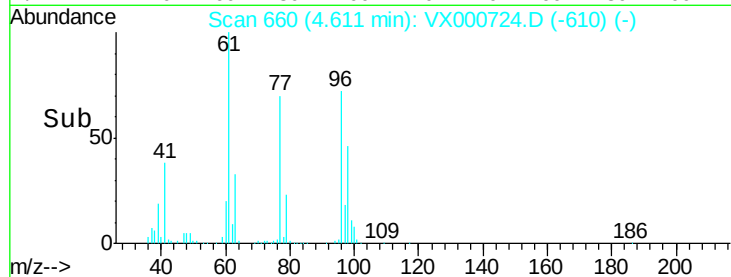
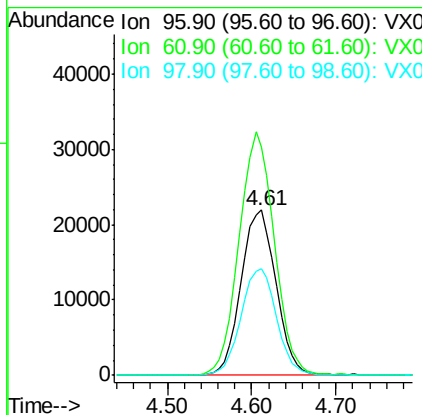
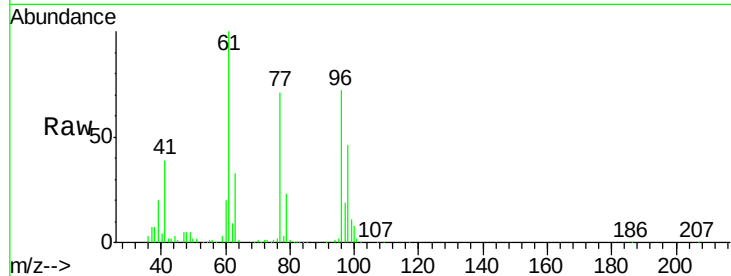
cis-1,2-Dichloroethene
 Concen: 18.71 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	301.0
98	65.5	0.0	129.6

Manual Integrations
 APPROVED

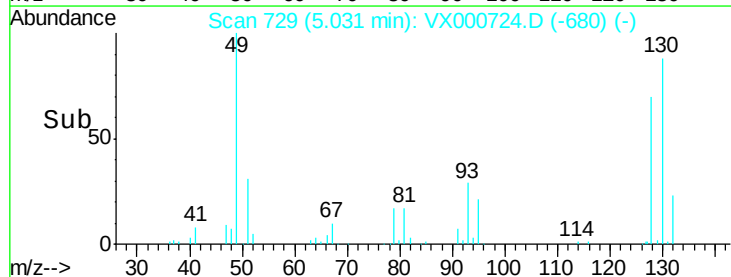
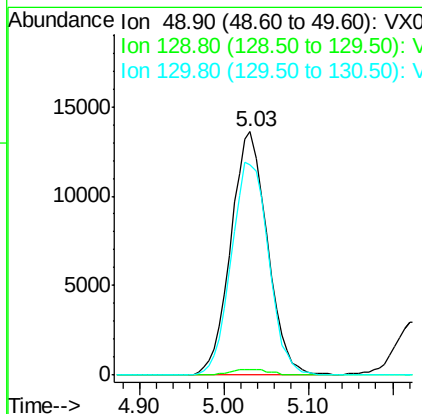
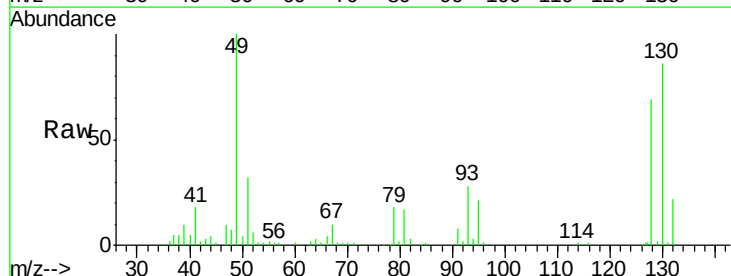
sam
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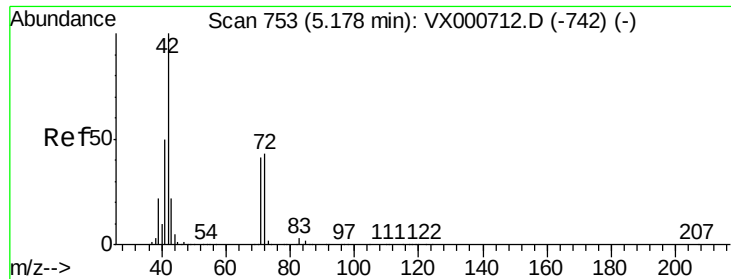


#28

Bromochloromethane
 Concen: 17.75 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.4
130	89.0	69.0	103.4





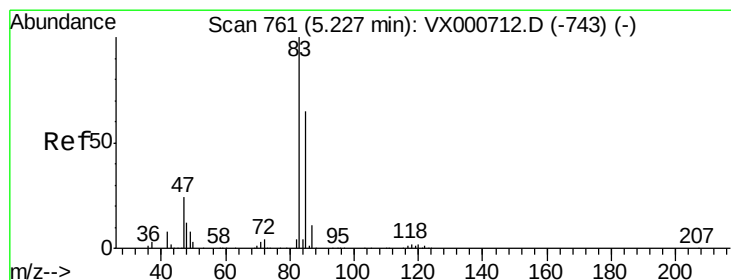
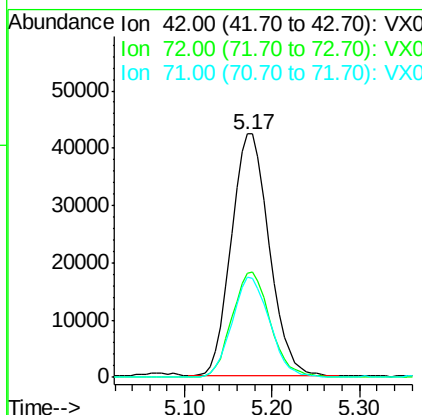
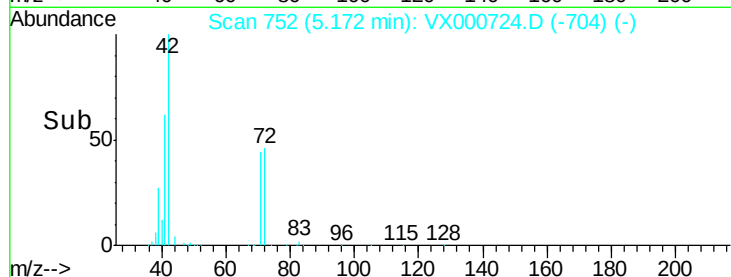
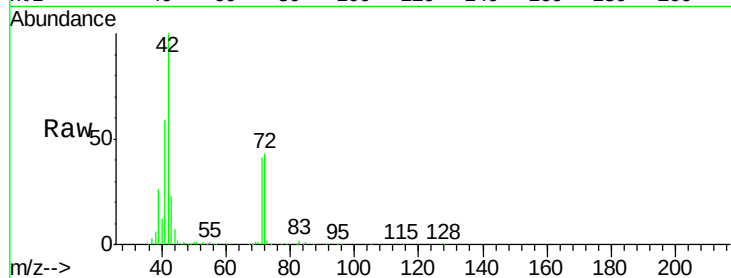
#29
Tetrahydrofuran
Concen: 92.43 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.4	51.6
71	41.5	32.0	48.0

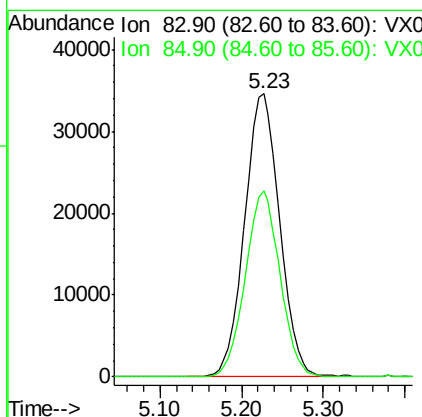
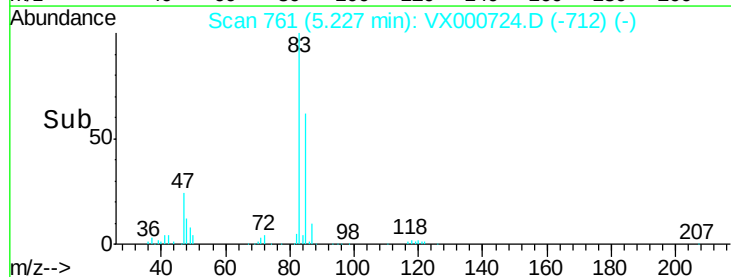
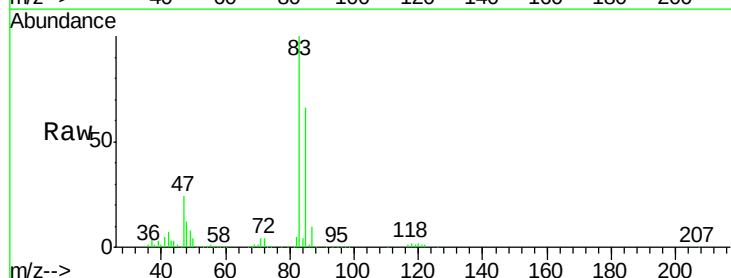
Manual Integrations
APPROVED

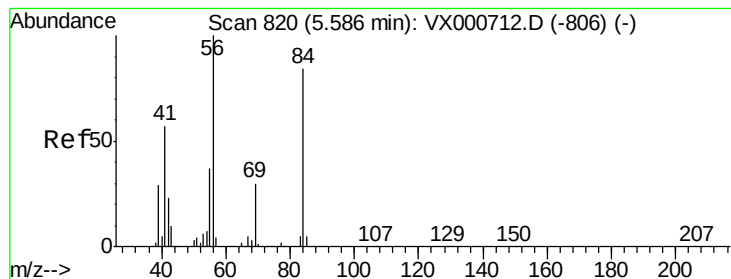
sam
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#30
Chloroform
Concen: 18.90 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.3	78.5





#31

Cyclohexane

Concen: 18.65 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

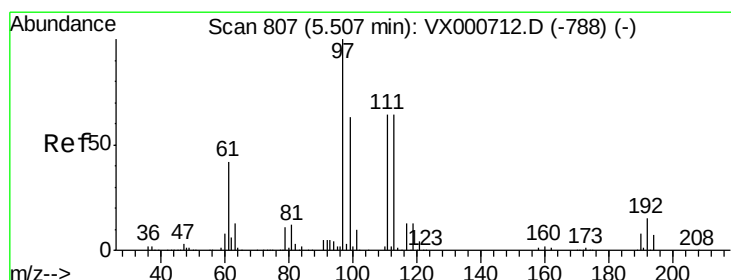
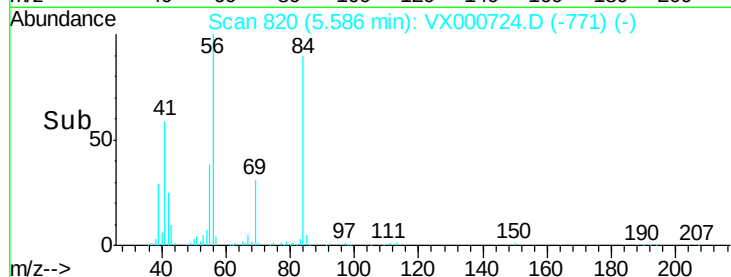
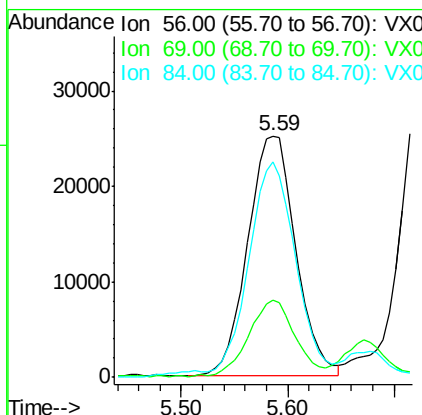
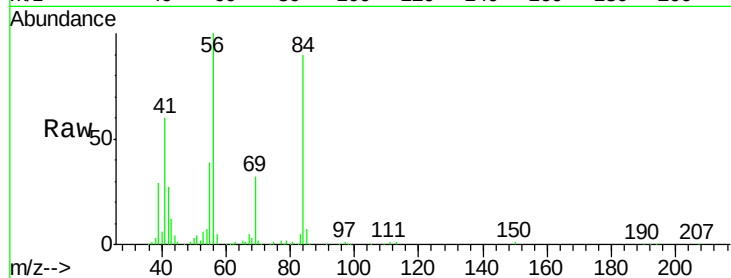
ClientSampled :

VX0408WBSD01

Tot Ion:	56	Resp:	79588
Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.8	35.6
84	87.6	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.77 ug/l

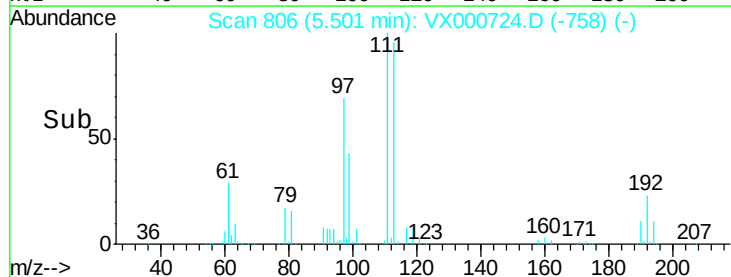
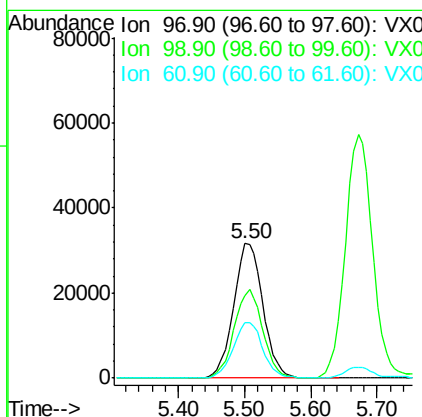
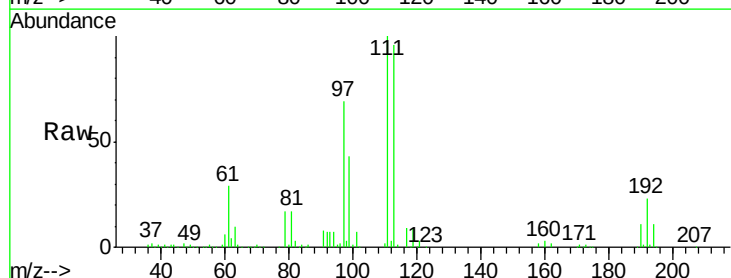
RT: 5.50 min Scan# 806

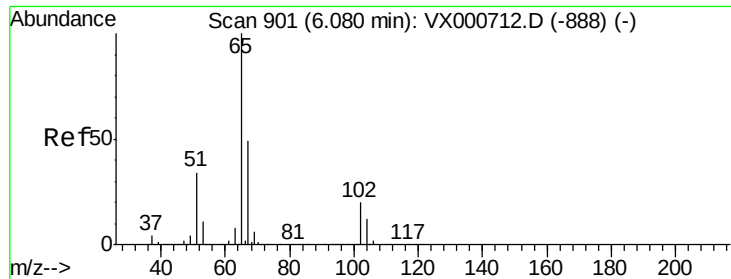
Delta R.T. -0.01 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Tgt Ion:	97	Resp:	97488
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	41.6	34.2	51.4





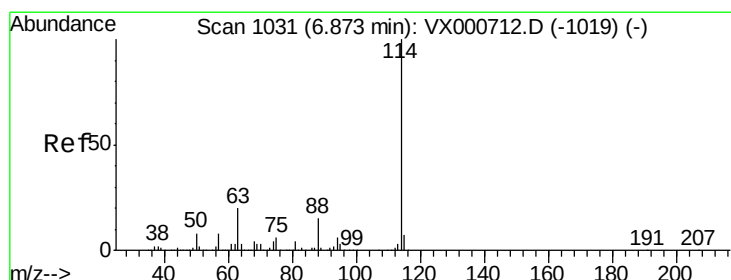
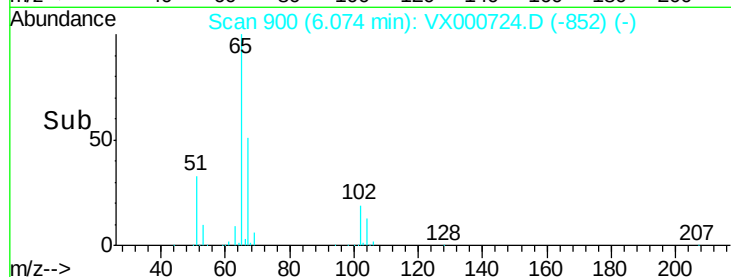
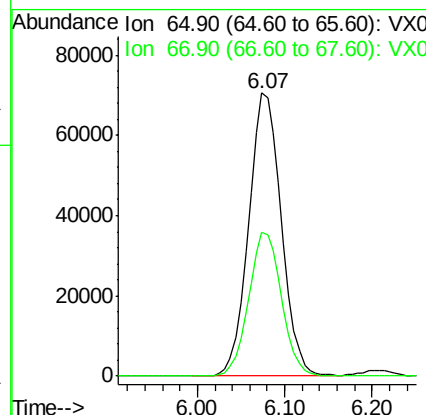
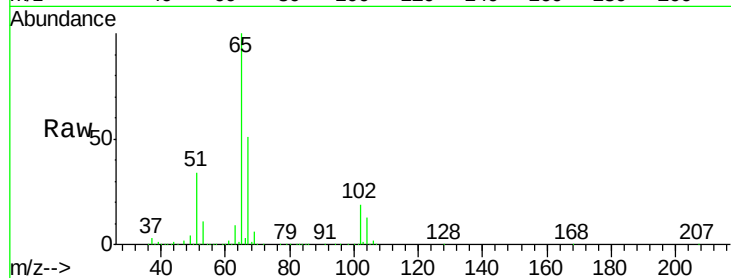
#33
 1,2-Dichloroethane-d4
 Concen: 46.18 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182207		
67	50.9	0.0	102.6	

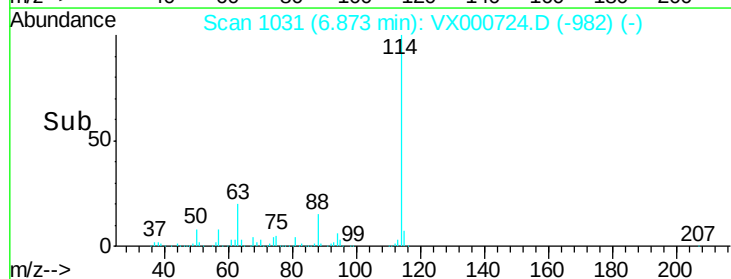
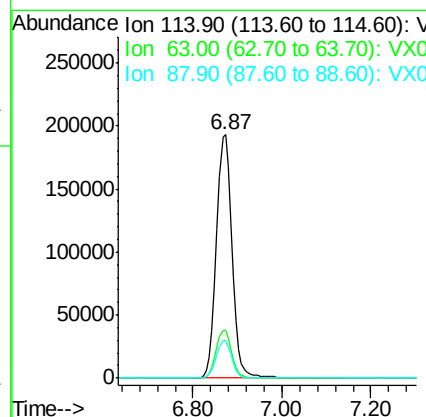
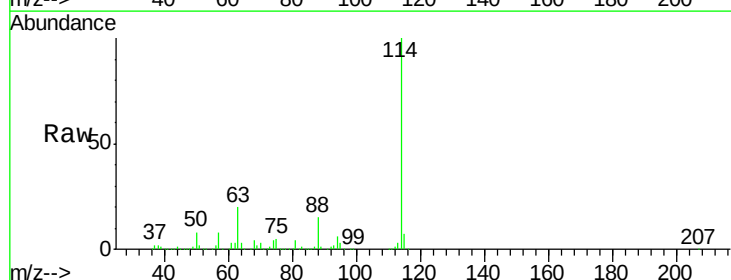
Manual Integrations
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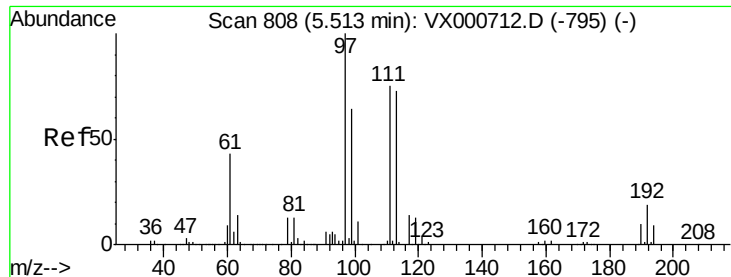
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	469316		
63	19.5	0.0	39.6	
88	15.4	0.0	30.6	





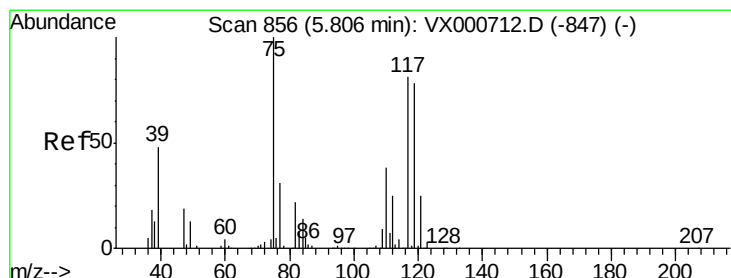
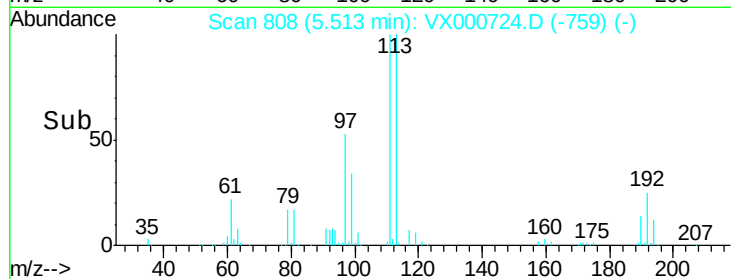
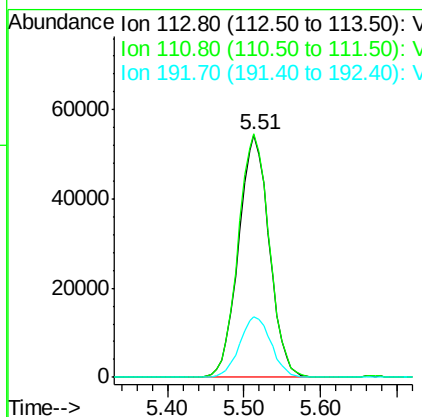
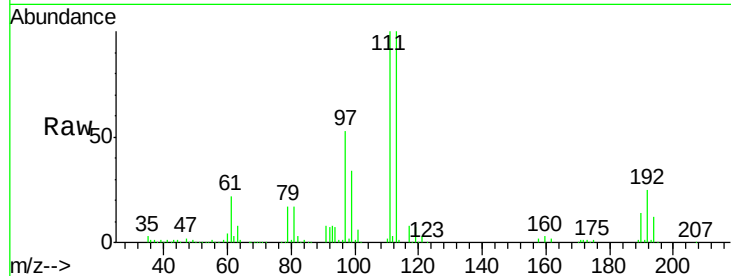
#35
 Dibromofluoromethane
 Concen: 49.87 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0408WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151283		
111	101.9	81.5	122.3	
192	25.6	20.0	30.0	

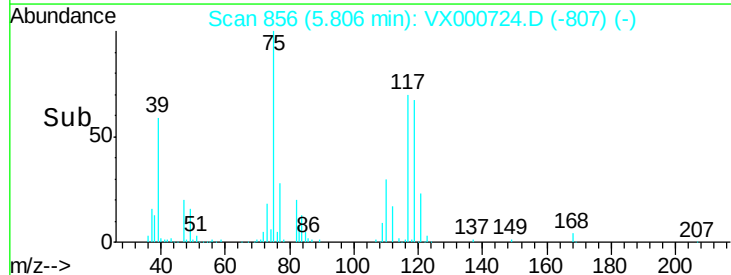
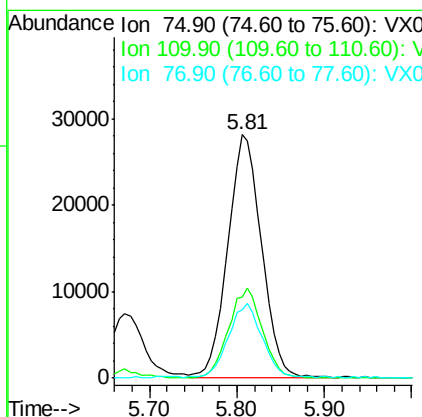
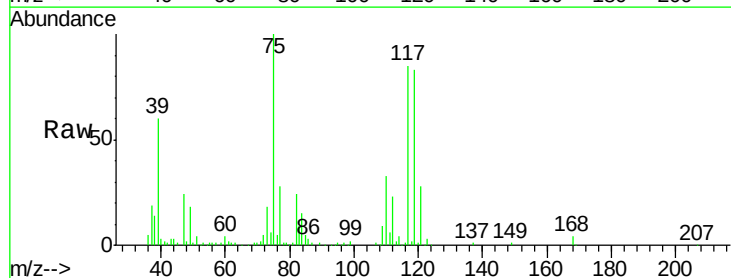
Manual Integrations
 APPROVED

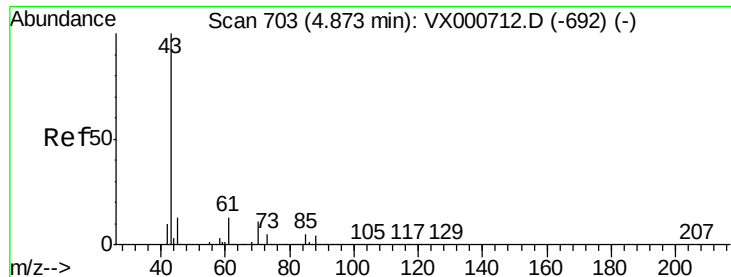
sam
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#36
 1,1-Dichloropropene
 Concen: 18.64 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74930		
110	37.1	18.6	56.0	
77	30.1	24.6	37.0	





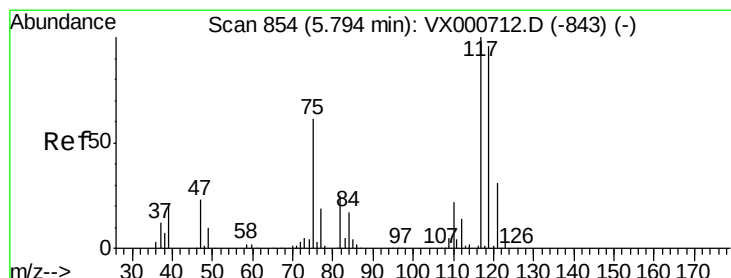
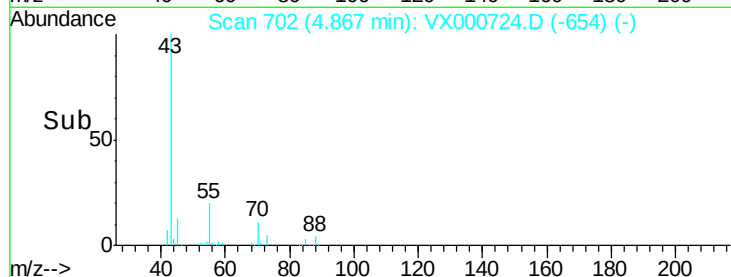
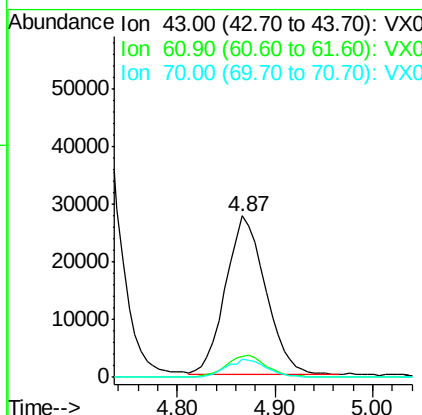
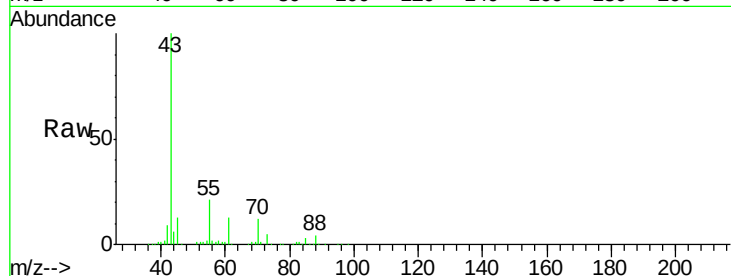
#37
Ethyl Acetate
Concen: 18.16 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.5	15.7
70	11.0	8.4	12.6

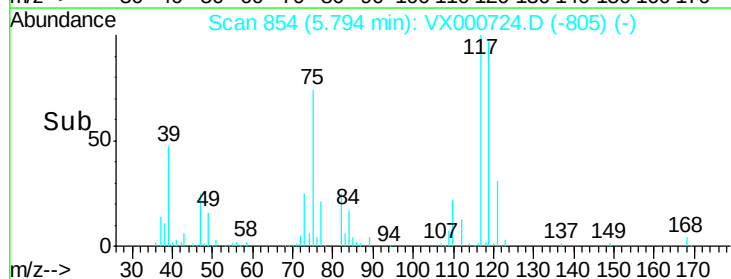
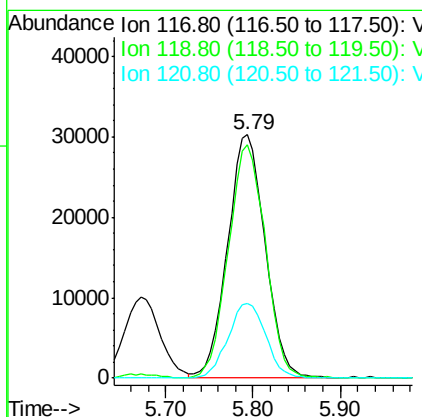
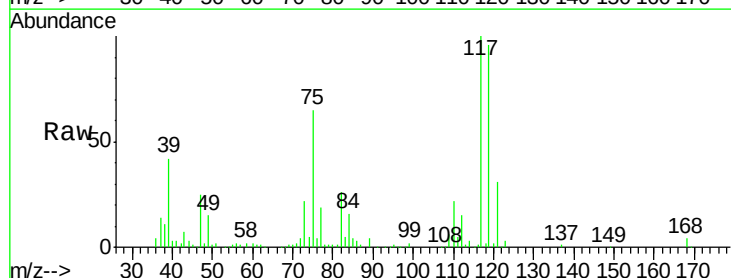
Manual Integrations
APPROVED

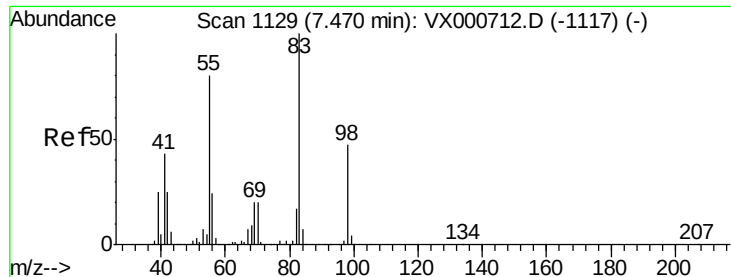
sam
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#38
Carbon Tetrachloride
Concen: 19.06 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.7	115.1
121	30.7	24.7	37.1





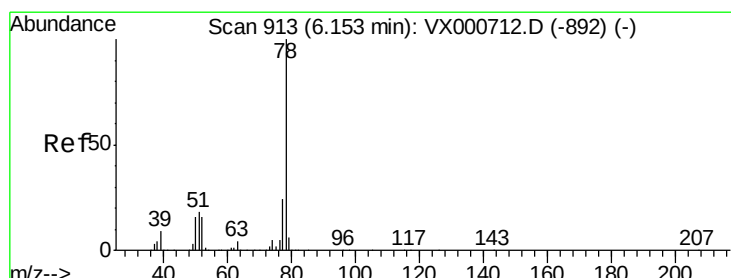
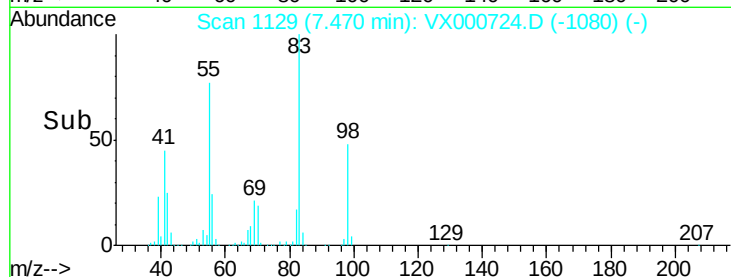
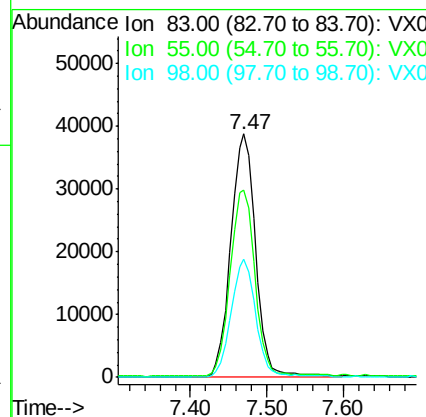
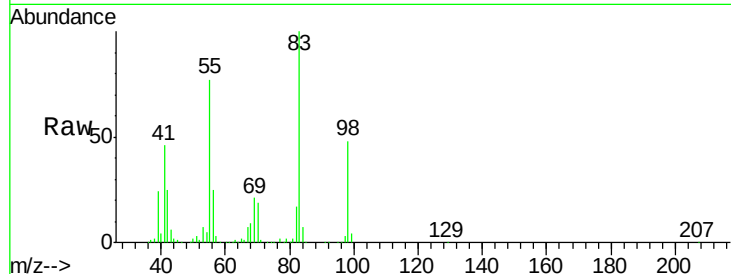
#39
Methylvlcyclohexane
Concen: 19.49 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	63.7	95.5
98	48.1	37.2	55.8

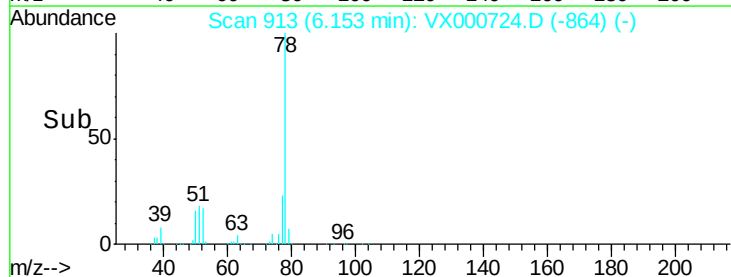
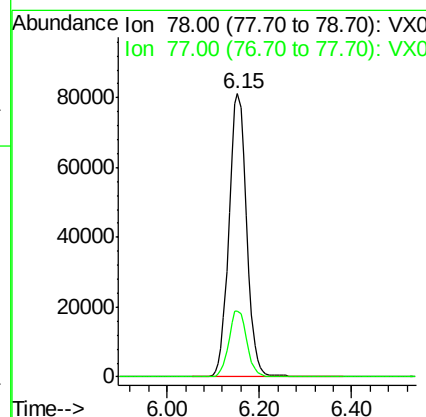
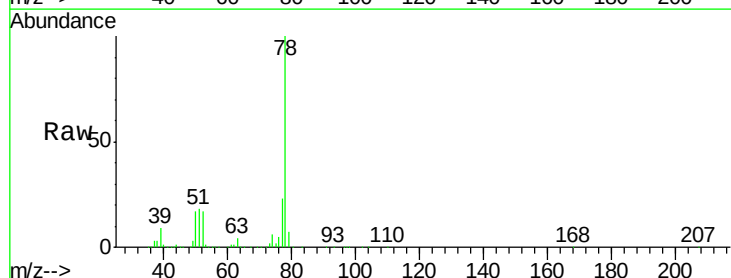
Manual Integrations
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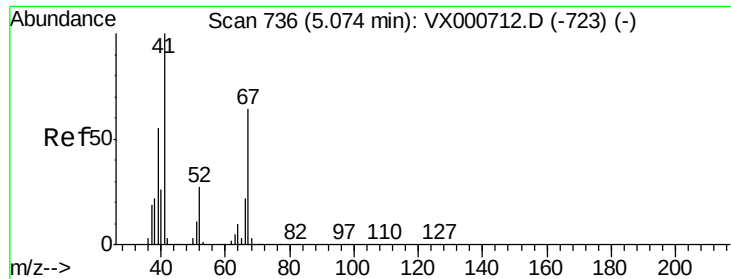
sam
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#40
Benzene
Concen: 19.13 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





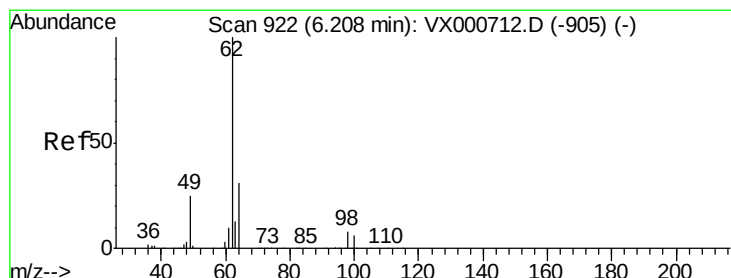
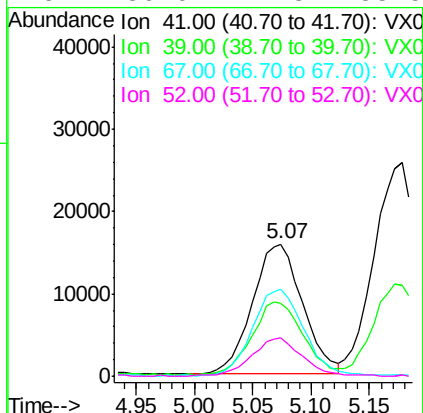
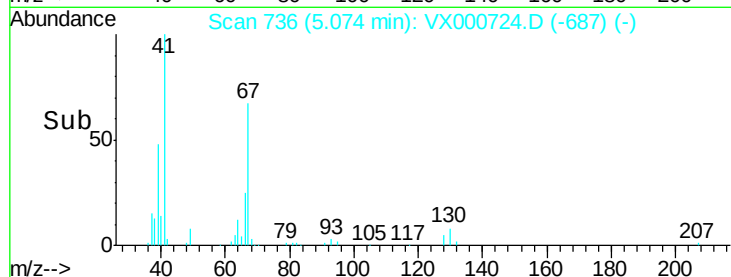
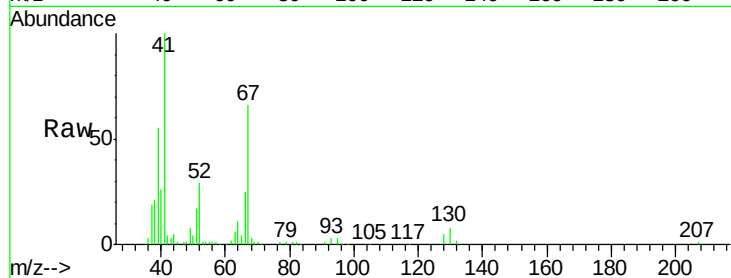
#41
Methacrylonitrile
Concen: 18.73 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion:	41	Resp:	47068
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.3	67.9
67	67.6	52.7	79.1
52	30.0	22.3	33.5

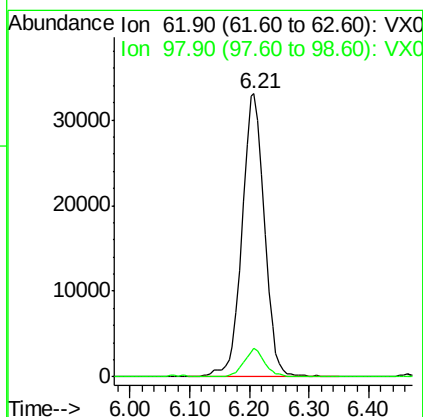
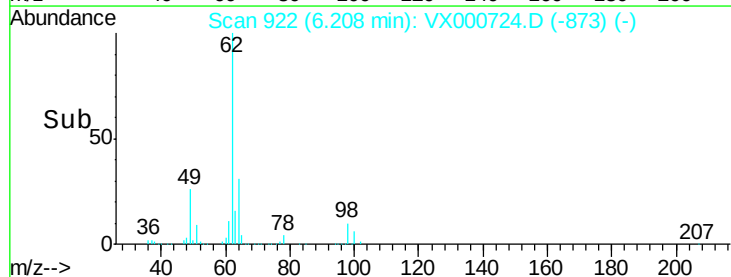
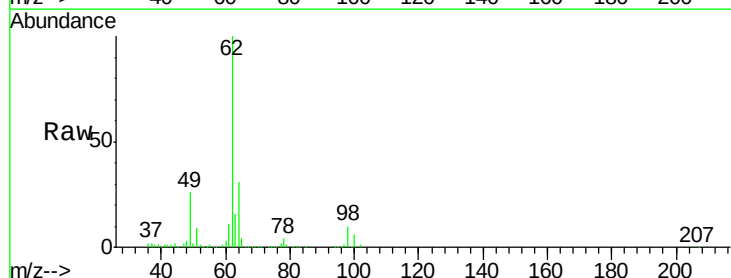
Manual Integrations
APPROVED

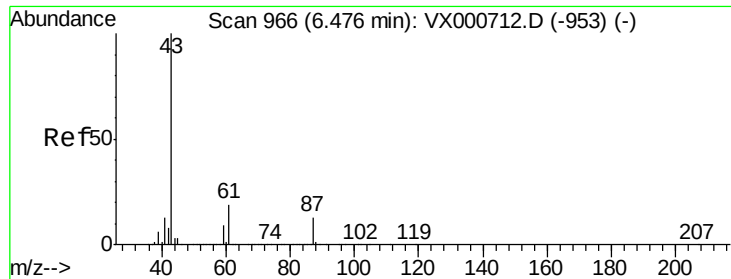
sam
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#42
1,2-Dichloroethane
Concen: 19.42 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion:	62	Resp:	86611
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.2





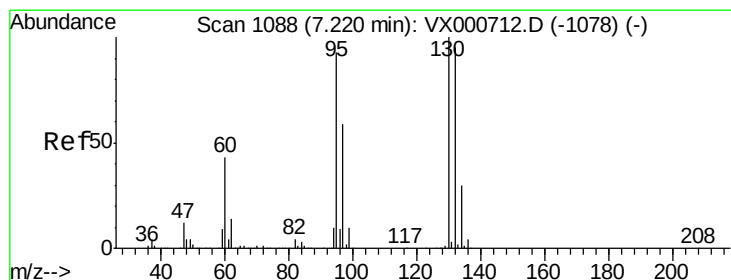
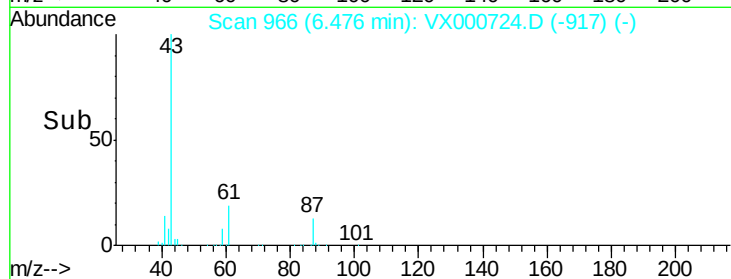
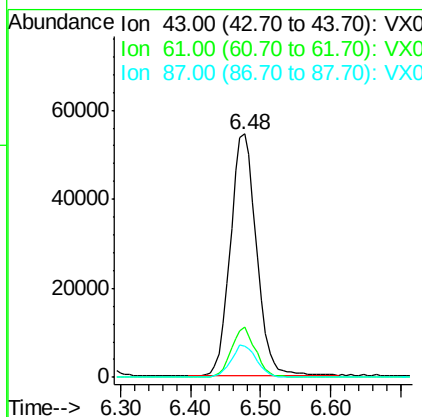
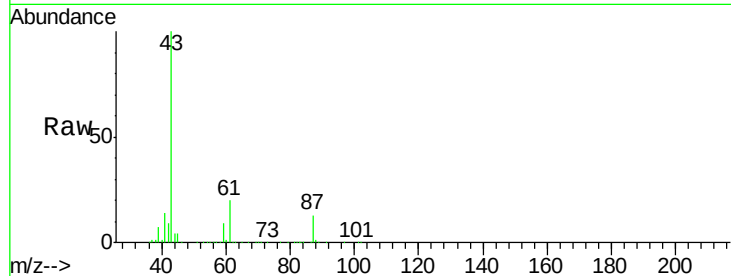
#43
Isopropyl Acetate
Concen: 18.87 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampled :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	12.9	10.4	15.6

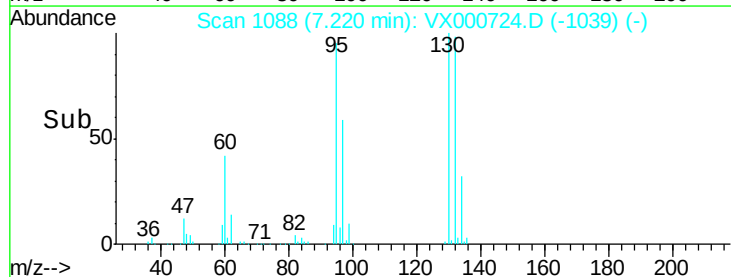
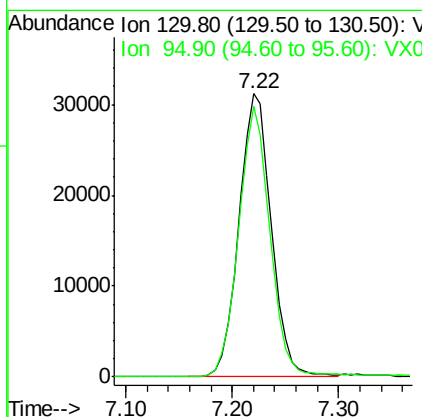
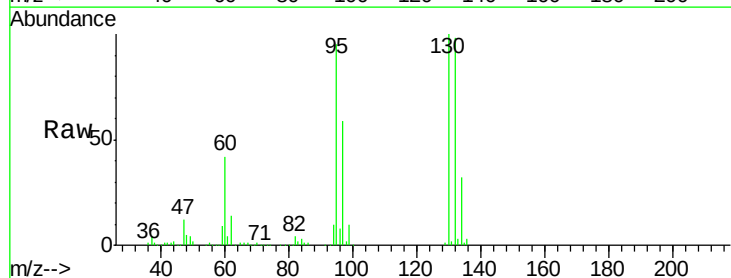
Manual Integrations
APPROVED

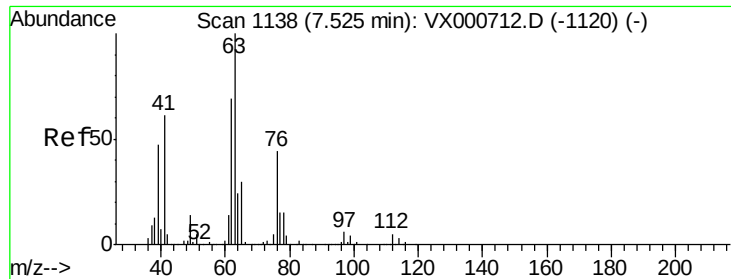
sam
4/9/2018 2:03:18 PM



#44
Trichloroethene
Concen: 19.41 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	185.4





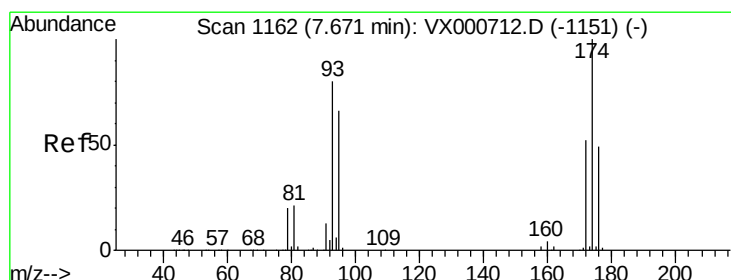
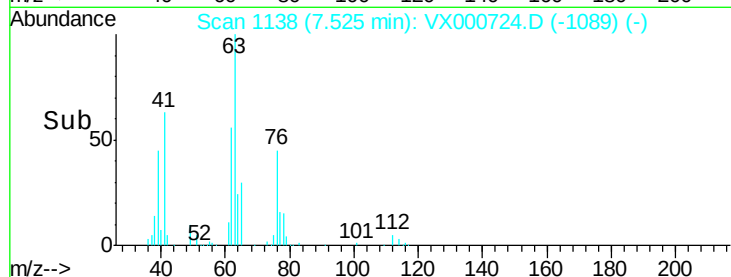
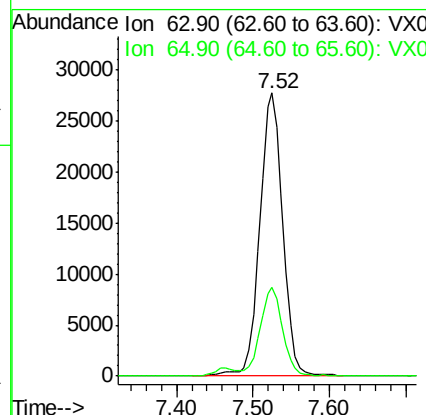
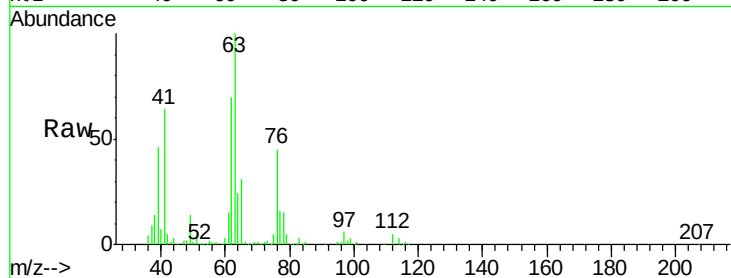
#45
 1,2-Dichloropropane
 Concen: 19.24 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion: 63 Resp: 58319
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.2

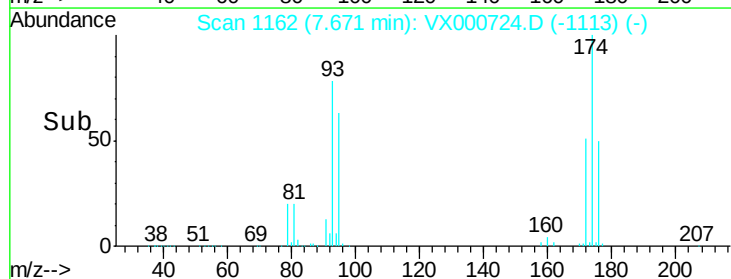
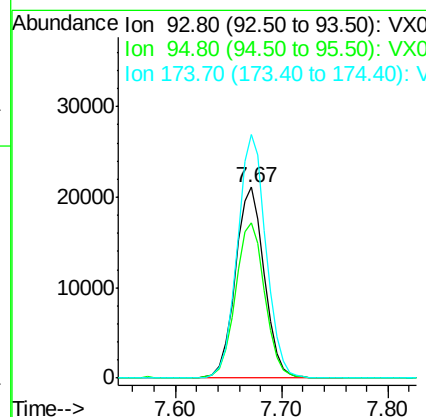
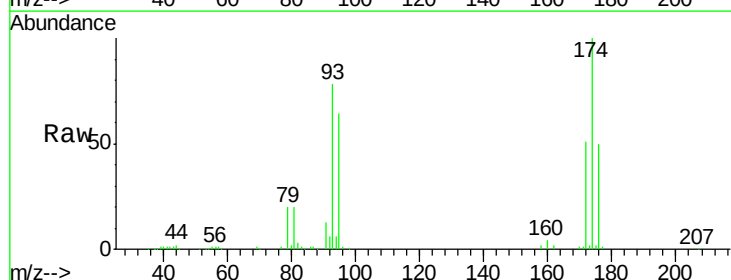
Manual Integrations
 APPROVED

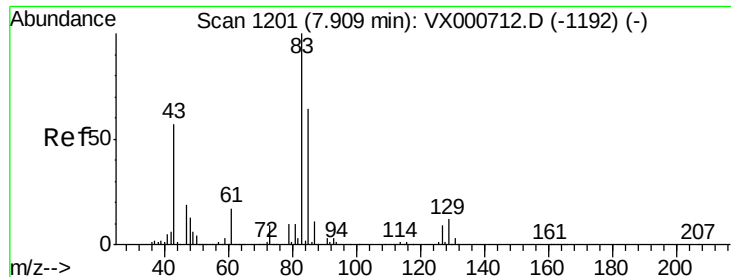
sam
 4/9/2018 2:03:18 PM



#46
 Dibromomethane
 Concen: 19.10 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion: 93 Resp: 40179
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.0 99.0
 174 125.8 100.2 150.2





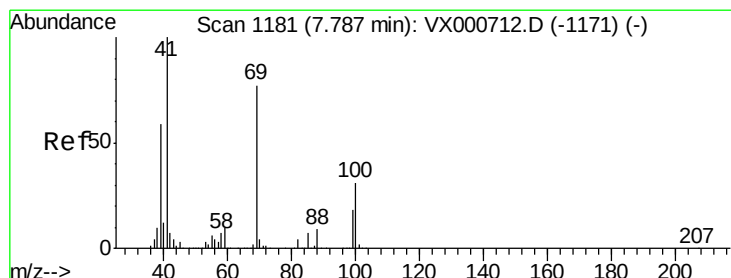
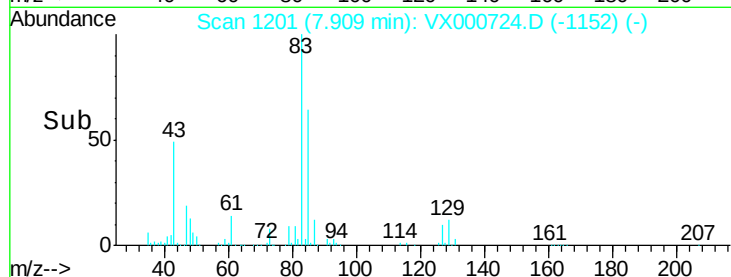
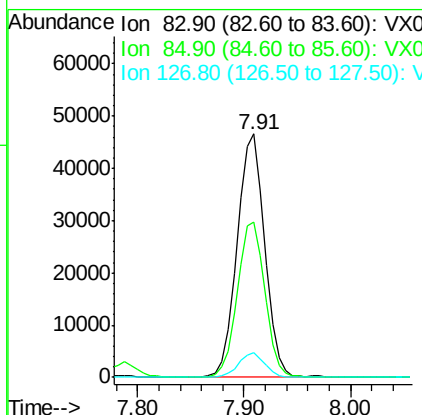
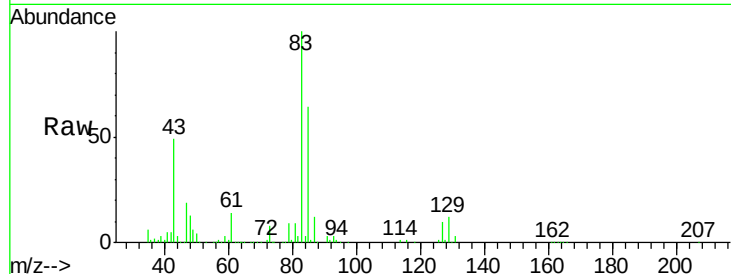
#47
Bromodichloromethane
Concen: 19.44 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	83	Resp	84621
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.0	76.4
127	10.1	7.4	11.2

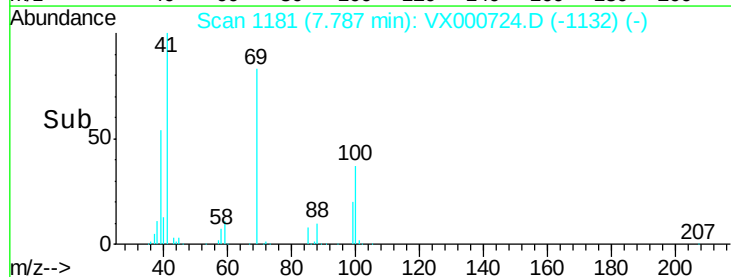
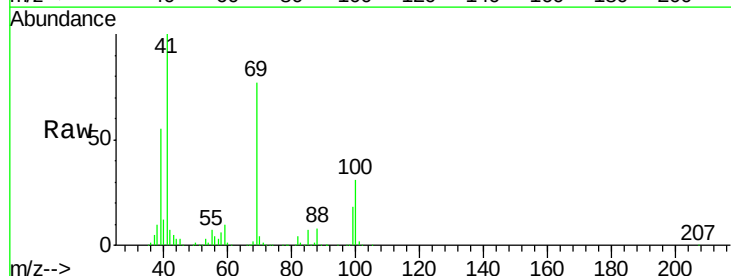
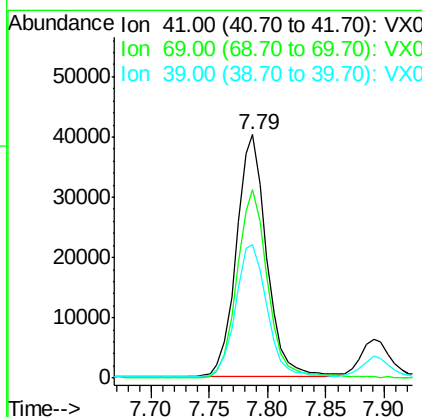
Manual Integrations
APPROVED

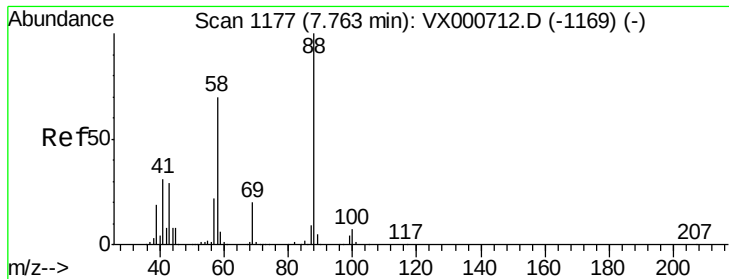
sam
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#48
Methyl methacrylate
Concen: 19.12 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	41	Resp	72685
Ion Ratio	100	Lower	Upper
41	100		
69	79.0	62.0	93.0
39	57.1	47.0	70.4





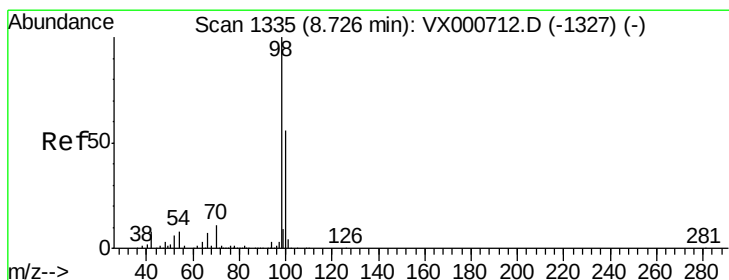
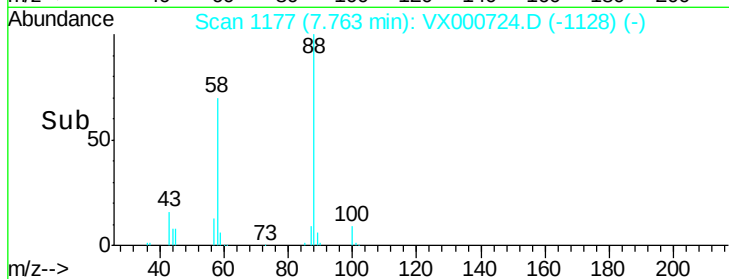
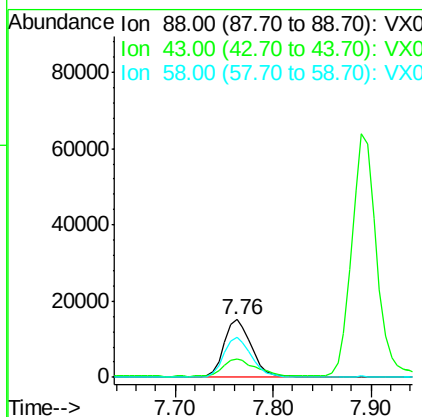
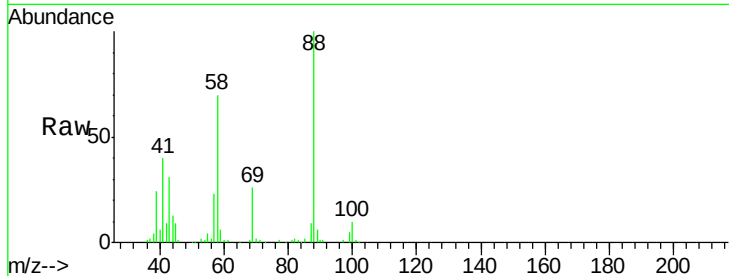
#49
1,4-Dioxane
Concen: 390.52 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	27.9	41.9
58	70.8	57.0	85.4

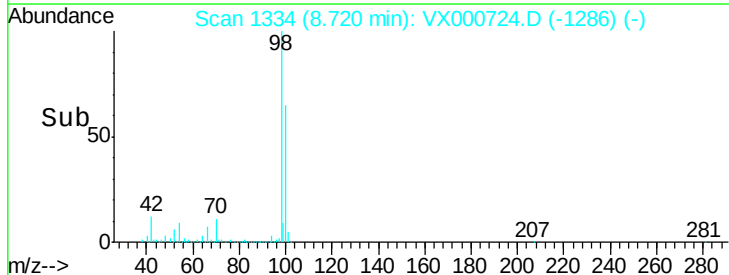
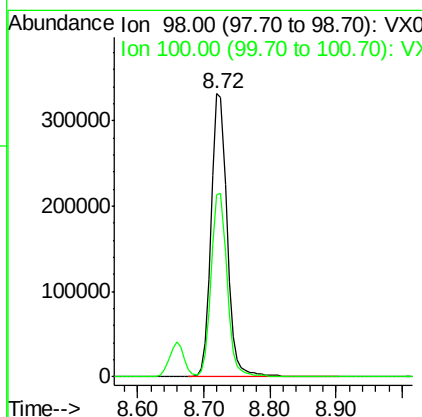
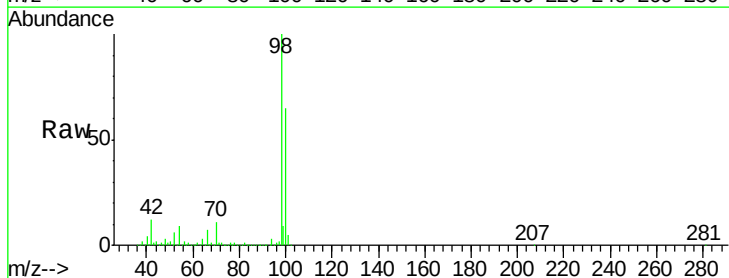
Manual Integrations
APPROVED

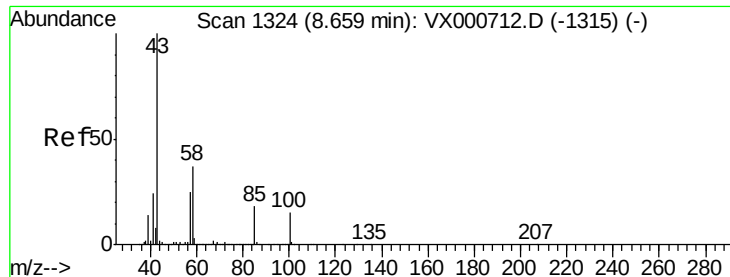
sam
4/9/2018 2:03:18 PM



#50
Toluene-d8
Concen: 48.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 95.39 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion: 43 Resp: 417571

Ion Ratio Lower Upper

43 100

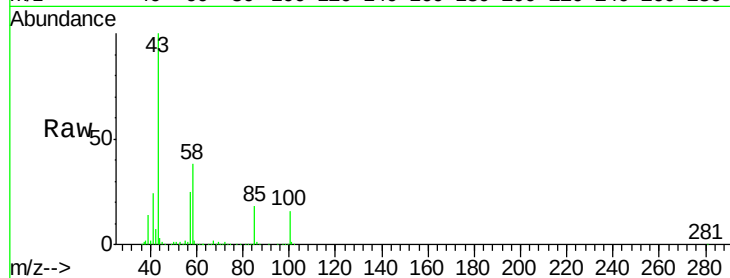
58 37.2 30.6 46.0

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

250000

200000

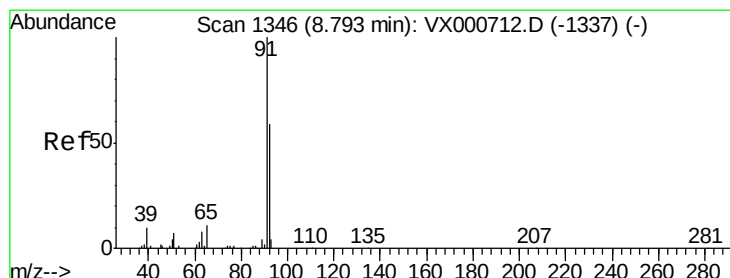
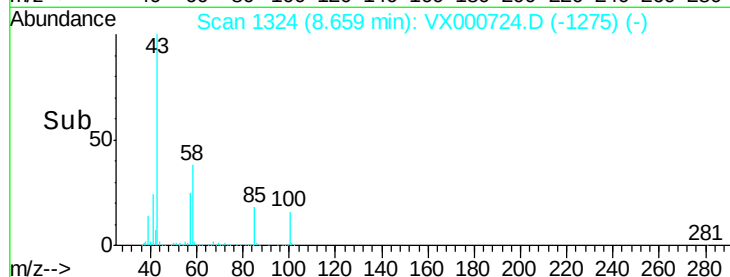
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.01 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000724.D

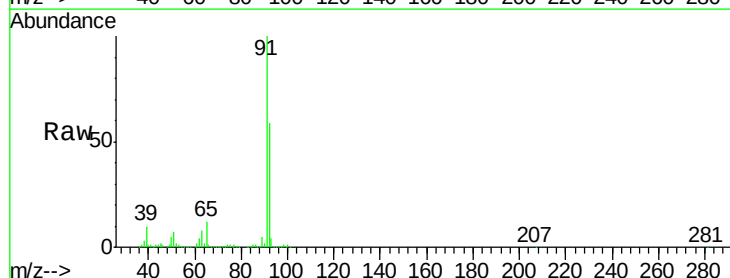
Acq: 08 Apr 2018 12:12

Tgt Ion: 92 Resp: 143323

Ion Ratio Lower Upper

92 100

91 172.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

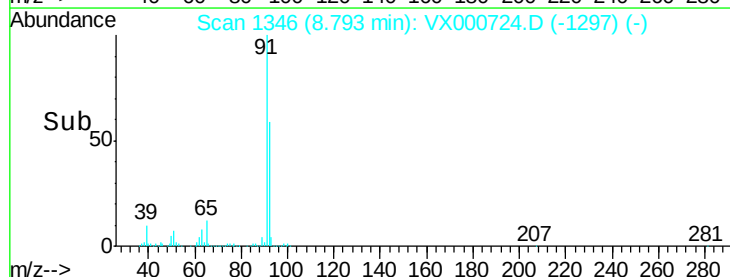
150000

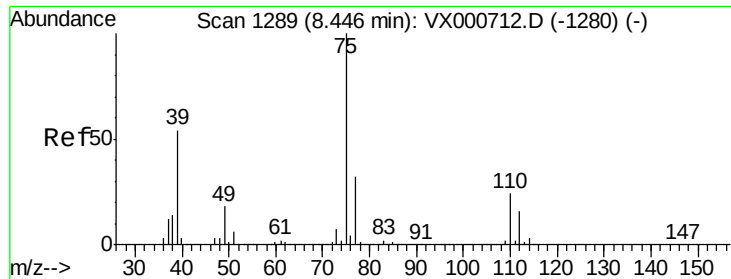
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.37 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion: 75 Resp: 100328

Ion Ratio Lower Upper

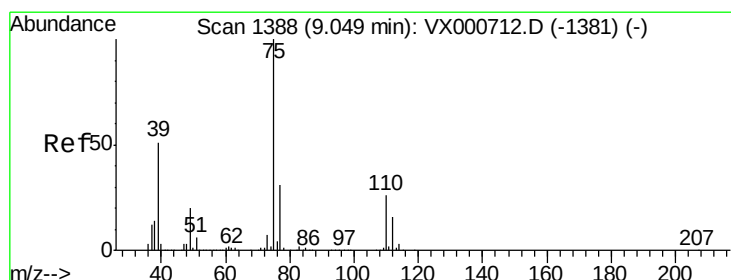
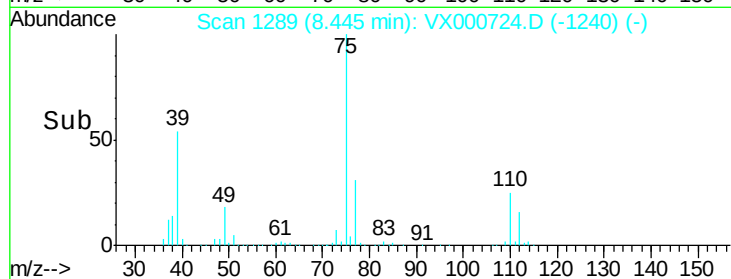
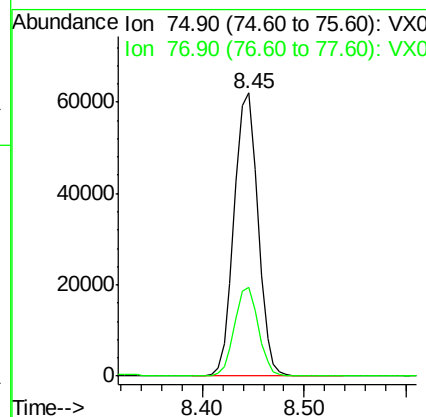
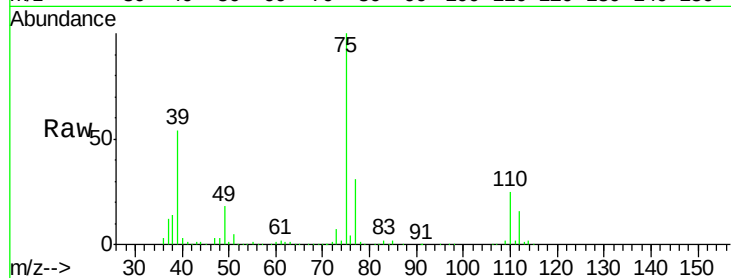
75 100

77 31.2 25.4 38.0

Manual Integrations
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sam

4/9/2018 2:03:18 PM



#54

cis-1,3-Dichloropropene

Concen: 19.28 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

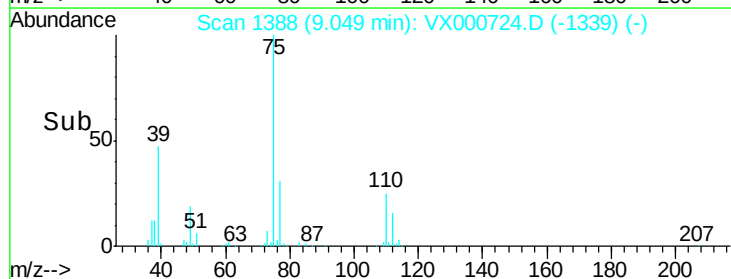
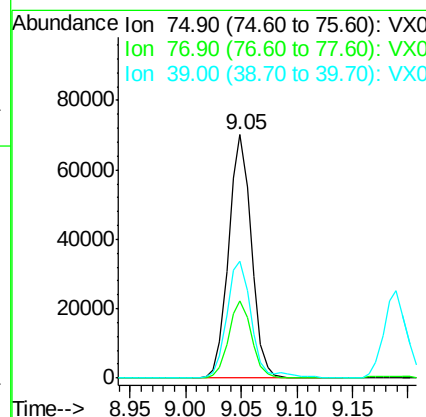
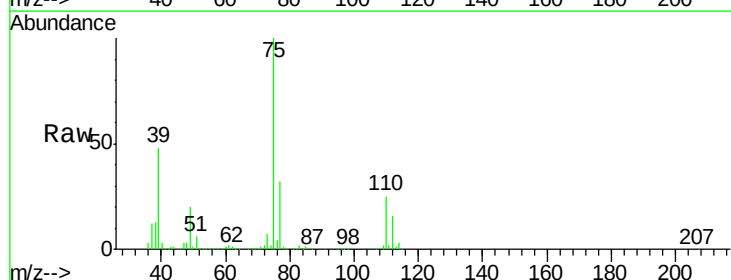
Tgt Ion: 75 Resp: 99185

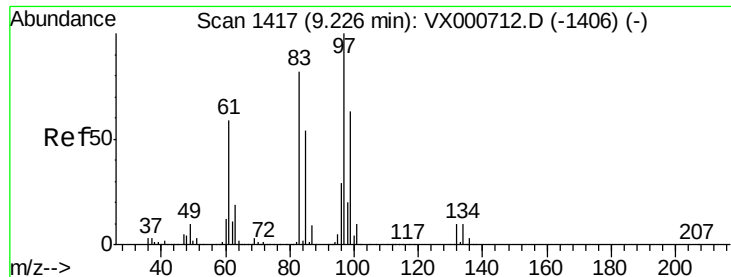
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 47.7 40.5 60.7





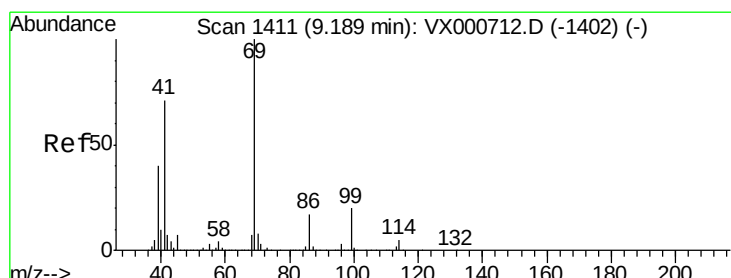
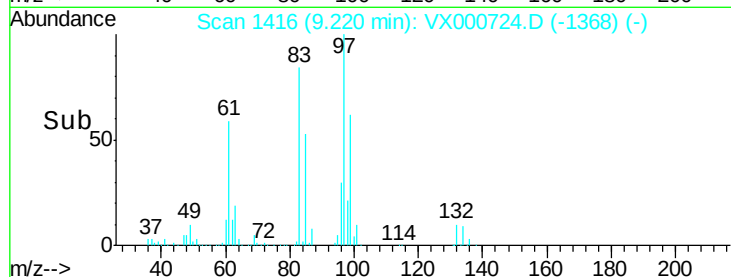
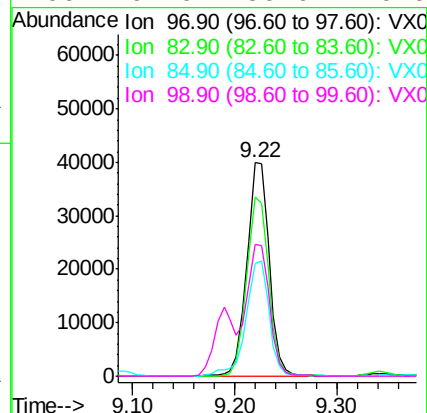
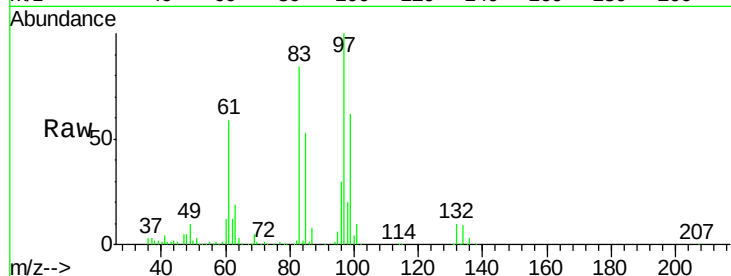
#55
 1,1,2-Trichloroethane
 Concen: 19.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion:	97	Resp:	60031
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.7	98.5
85	53.1	42.8	64.2
99	61.6	50.6	76.0

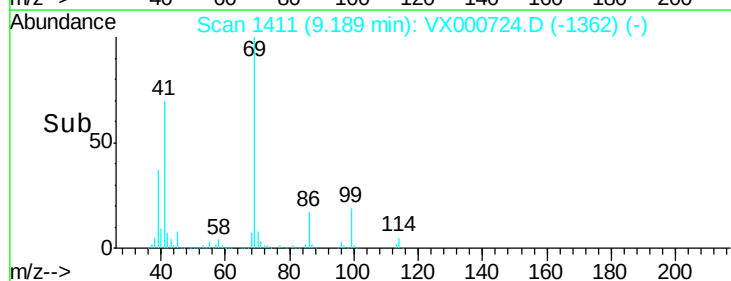
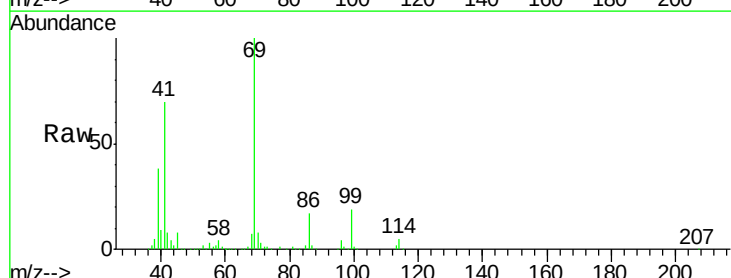
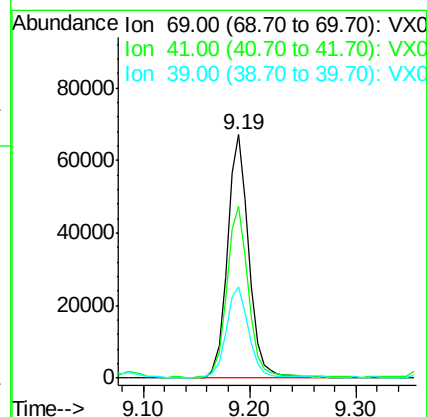
Manual Integrations
 APPROVED

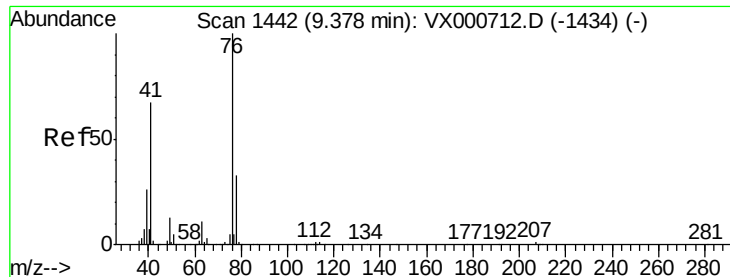
sam
 4/9/2018 2:03:18 PM



#56
 Ethyl methacrylate
 Concen: 19.19 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion:	69	Resp:	93833
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.4	84.6
39	38.9	31.4	47.2





#57

1,3-Dichloropropane

Concen: 19.19 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion: 76 Resp: 96236

Ion Ratio Lower Upper

76 100

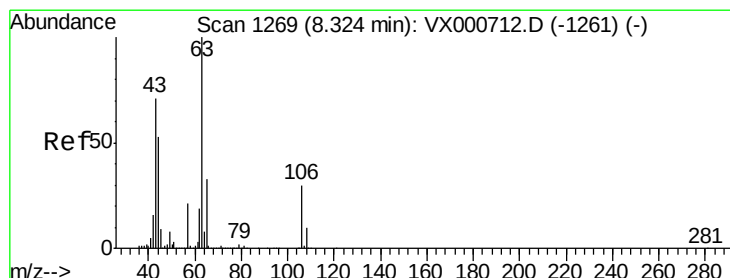
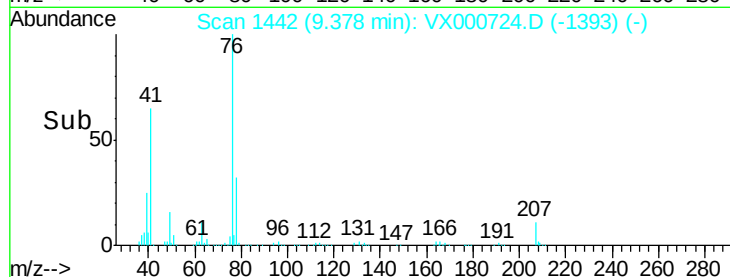
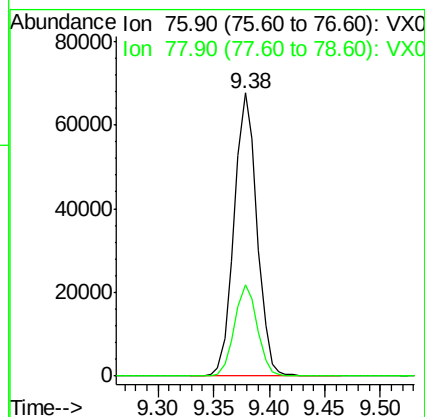
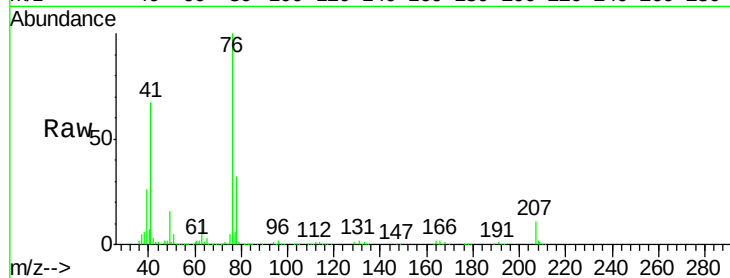
78 32.4 26.2 39.2

Manual Integrations

APPROVED

sam

4/9/2018 2:03:18 PM



#58

2-Chloroethyl Vinyl ether

Concen: 97.74 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000724.D

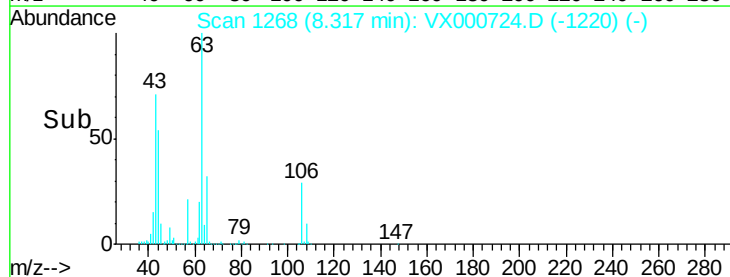
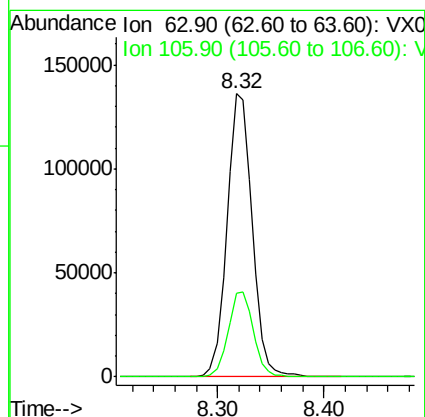
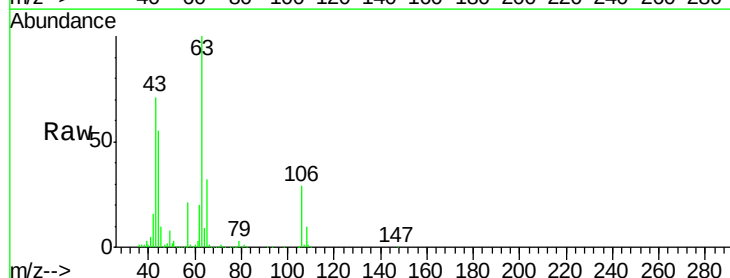
Acq: 08 Apr 2018 12:12

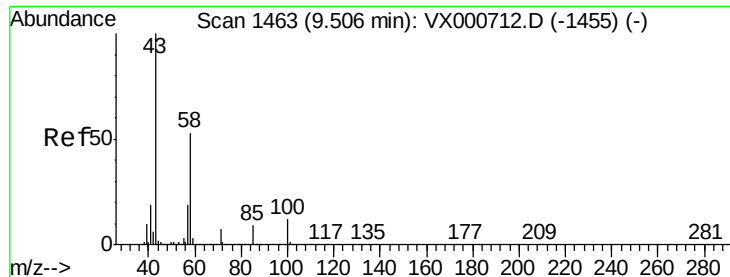
Tgt Ion: 63 Resp: 223809

Ion Ratio Lower Upper

63 100

106 30.2 24.0 36.0





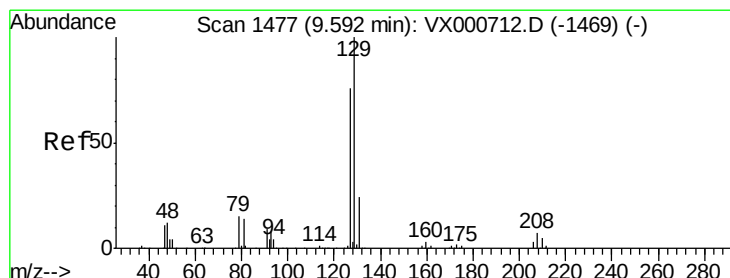
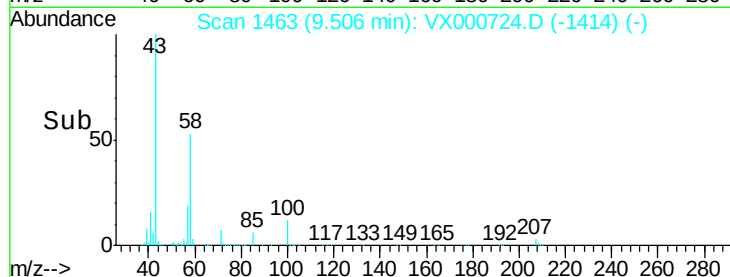
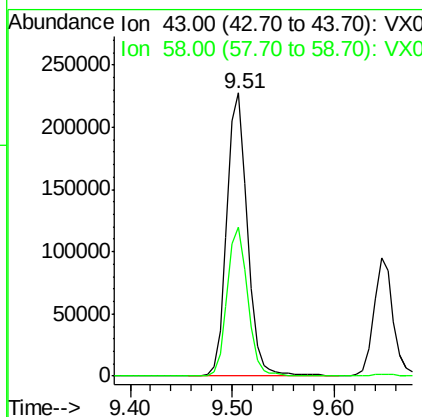
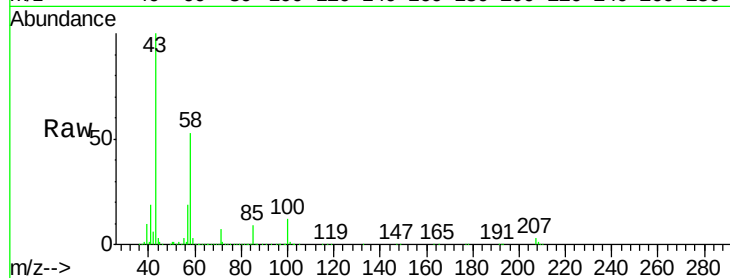
#59
2-Hexanone
Concen: 94.37 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	43	Resp	315296
Ion Ratio	Lower	Upper	
43	100		
58	53.0	25.9	77.8

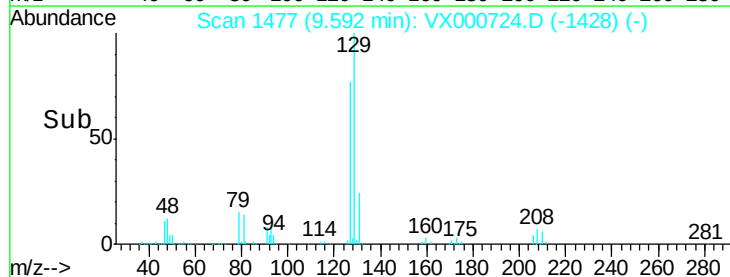
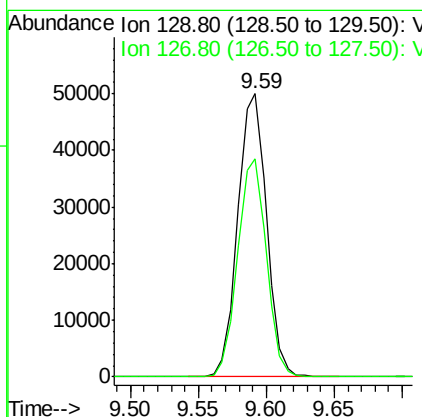
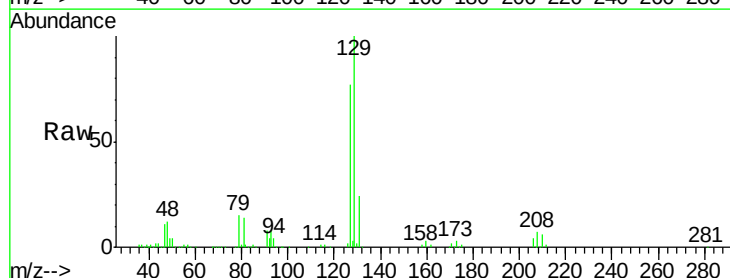
Manual Integrations
APPROVED

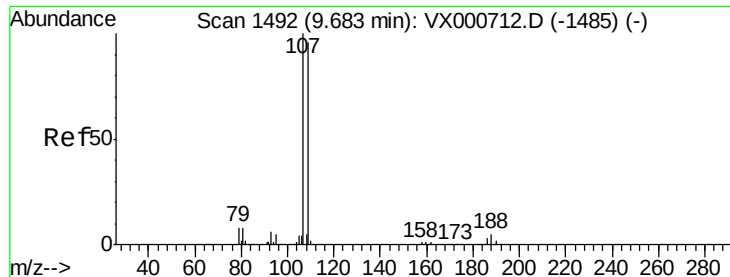
sam
4/9/2018 2:03:18 PM



#60
Dibromochloromethane
Concen: 19.31 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	129	Resp	73851
Ion Ratio	Lower	Upper	
129	100		
127	76.8	38.2	114.6





#61

1,2-Dibromoethane

Concen: 19.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion:107 Resp: 62694

Ion Ratio Lower Upper

107 100

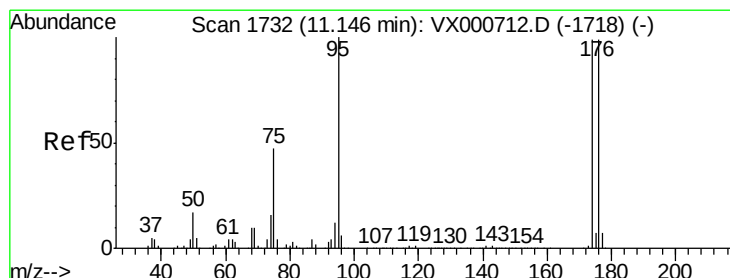
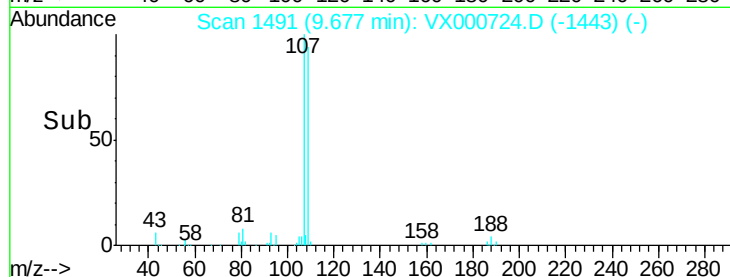
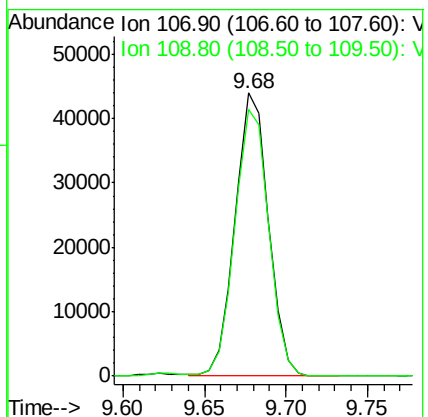
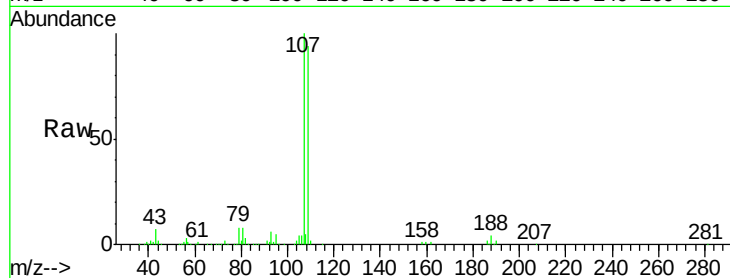
109 96.3 76.6 115.0

Manual Integrations

APPROVED

sam

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#62

4-Bromofluorobenzene

Concen: 47.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

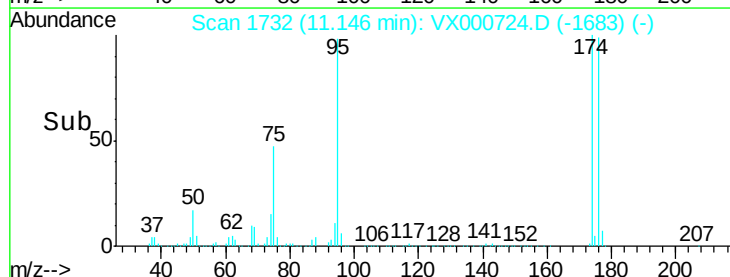
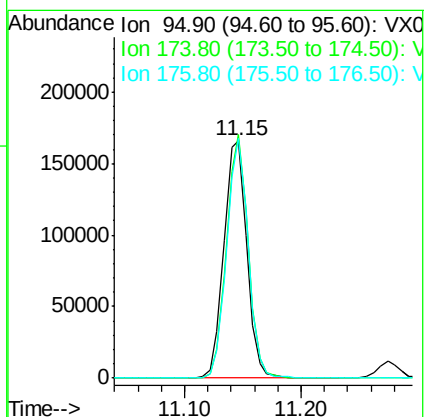
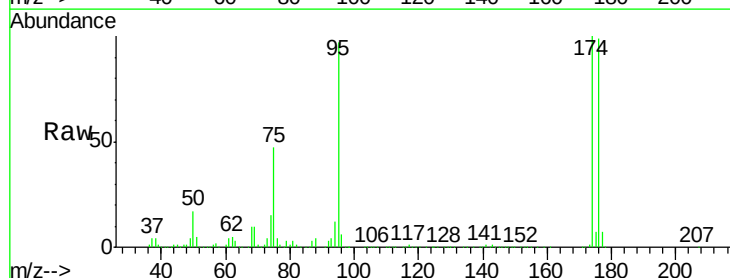
Tgt Ion: 95 Resp: 225331

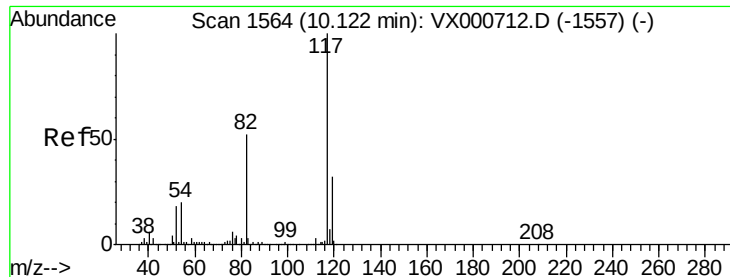
Ion Ratio Lower Upper

95 100

174 97.4 0.0 191.6

176 95.6 0.0 187.0





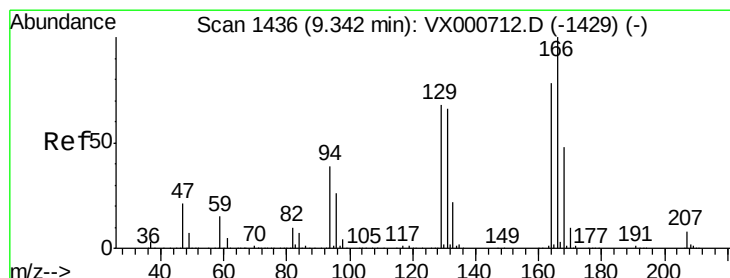
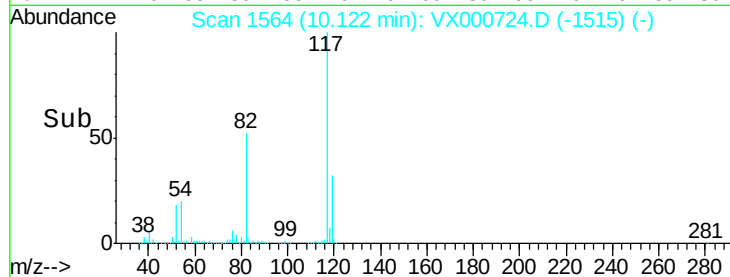
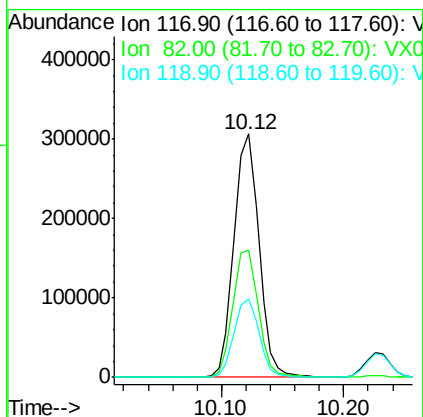
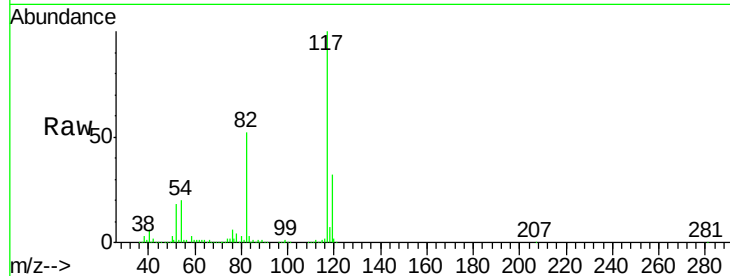
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.9	62.9
119	32.4	25.8	38.8

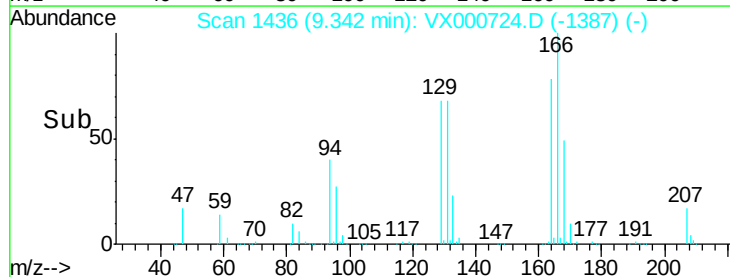
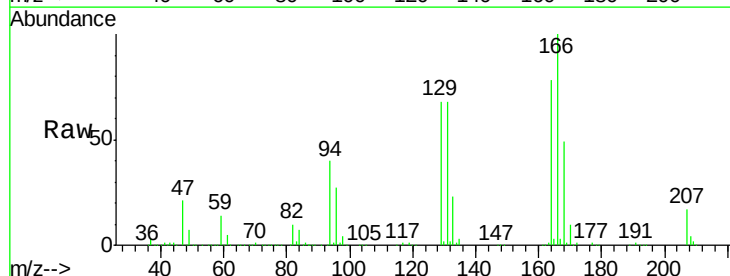
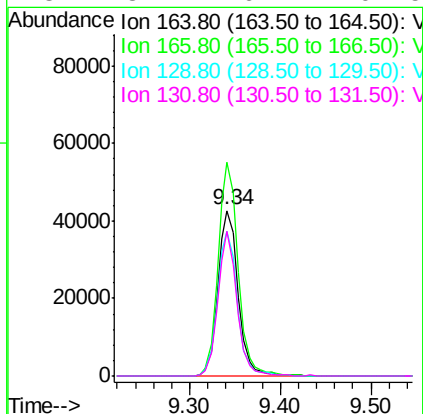
Manual Integrations
APPROVED

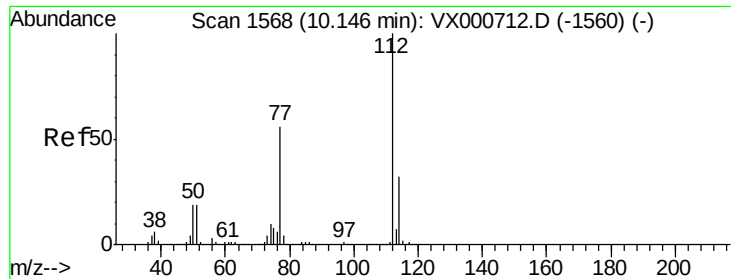
sam
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#64
Tetrachloroethene
Concen: 19.54 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.4	153.6
129	87.4	69.3	103.9
131	87.1	67.7	101.5





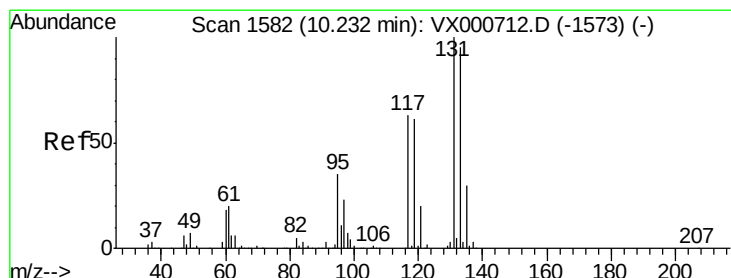
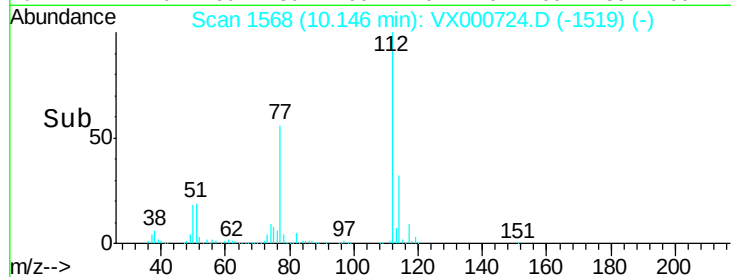
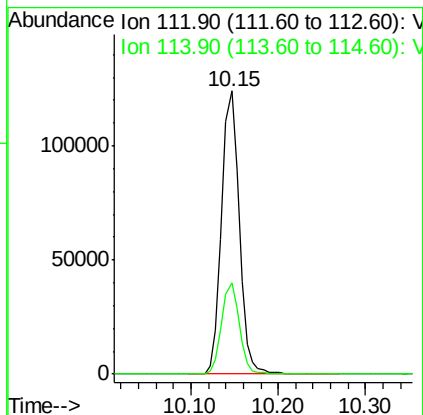
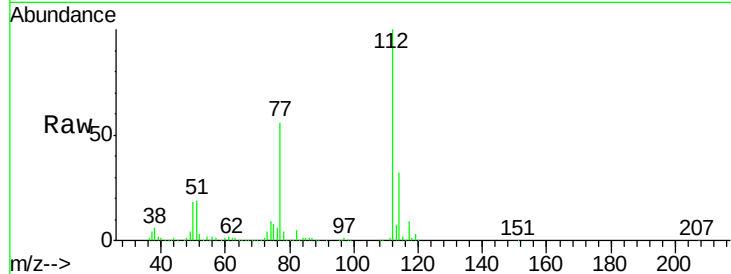
#65
Chlorobenzene
Concen: 19.38 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion:112 Resp: 173179
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

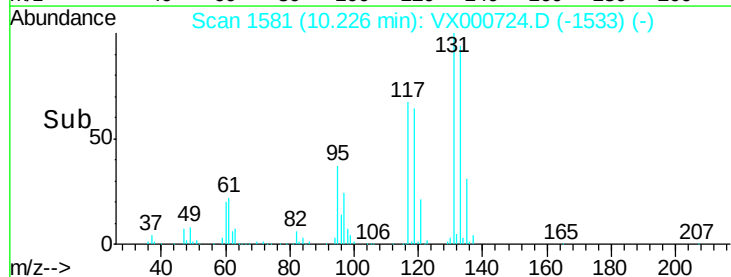
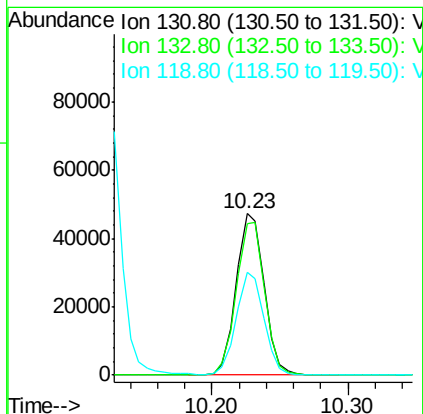
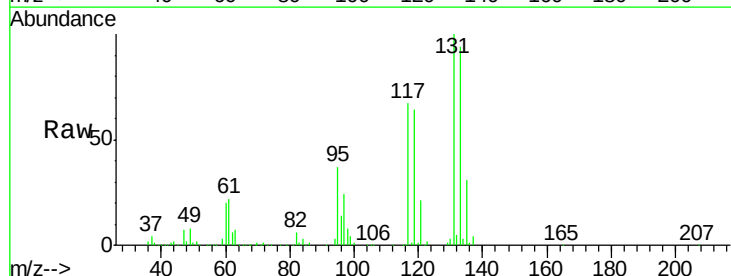
Manual Integrations
APPROVED

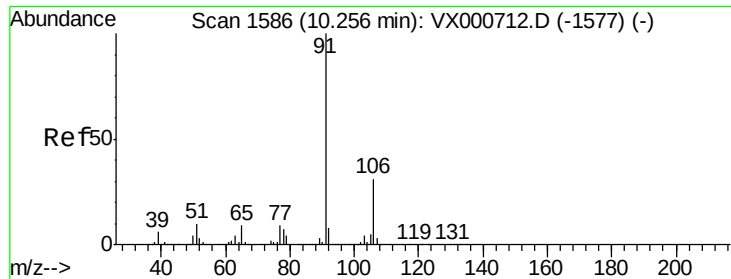
sam
4/9/2018 2:03:18 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.38 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion:131 Resp: 67620
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 63.5 31.5 94.5





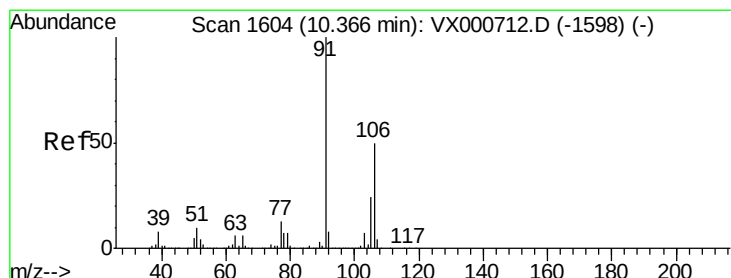
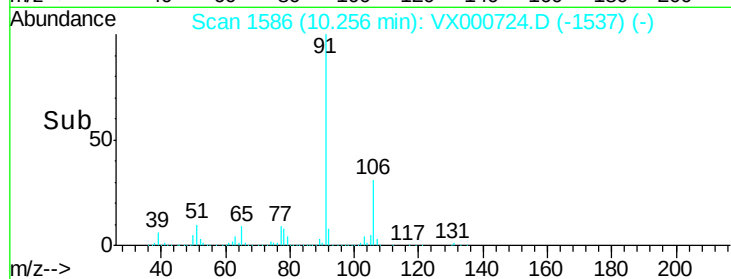
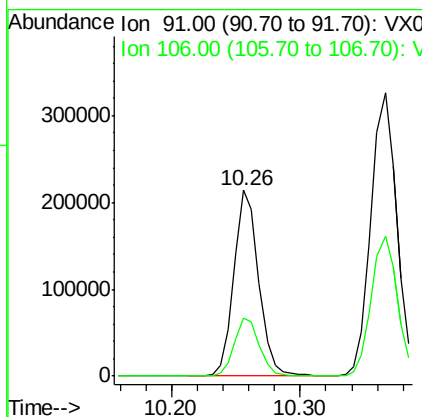
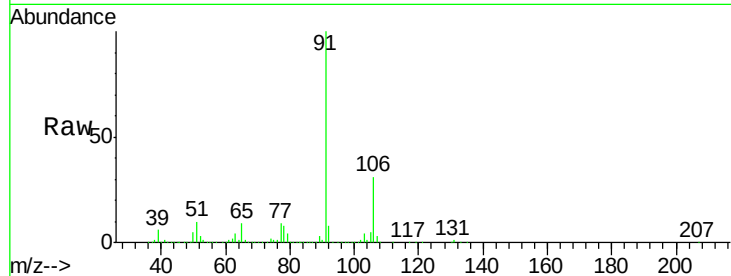
#67
Ethyl Benzene
Concen: 19.29 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampled :
VX0408WBSD01

Tot Ion: 91 Resp: 289107
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

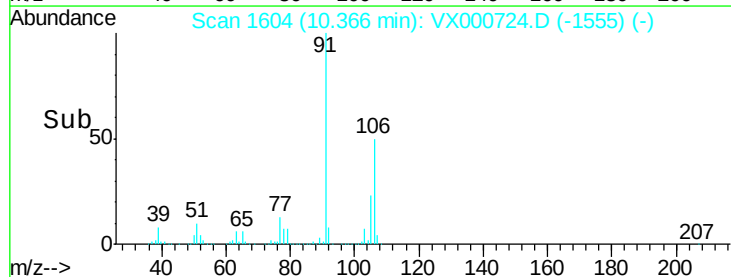
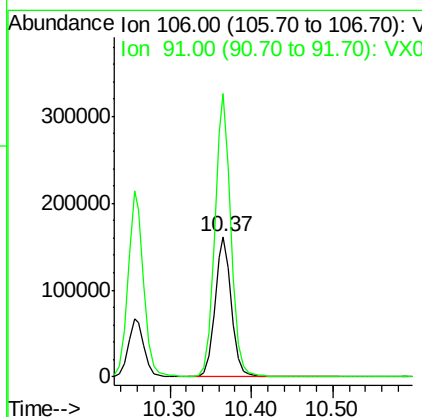
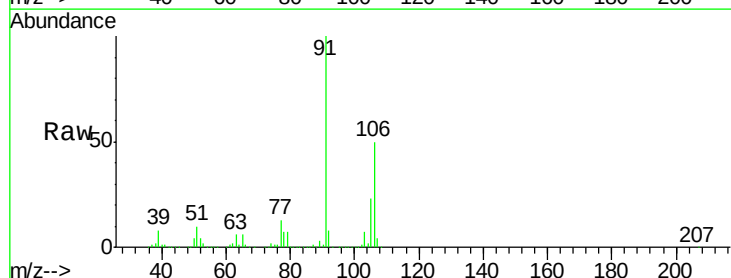
Manual Integrations
APPROVED

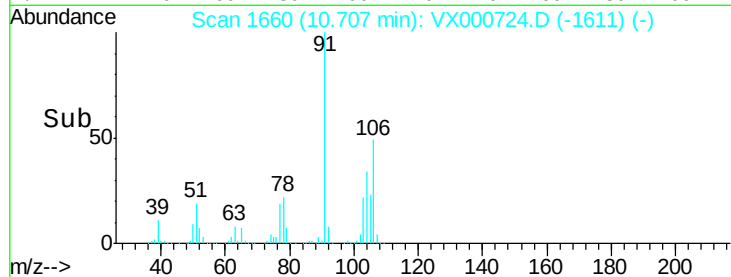
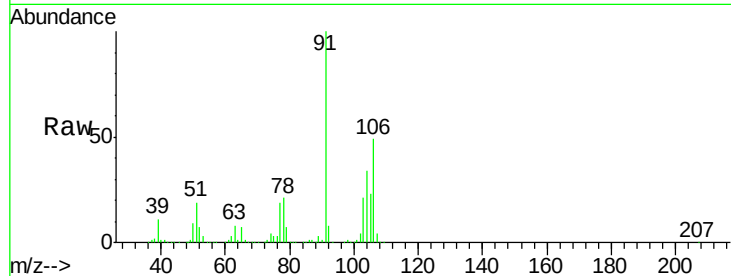
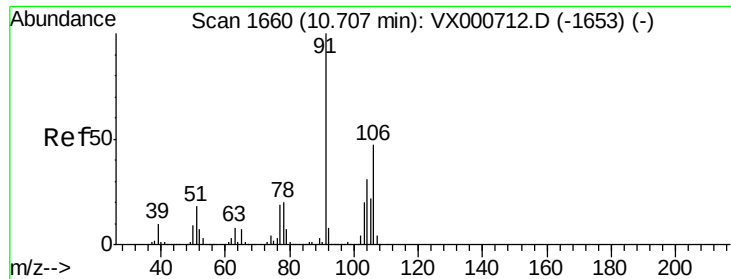
sam
4/9/2018 2:03:18 PM



#68
m/p-Xylenes
Concen: 38.91 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion: 106 Resp: 228202
Ion Ratio Lower Upper
106 100
91 199.7 159.7 239.5





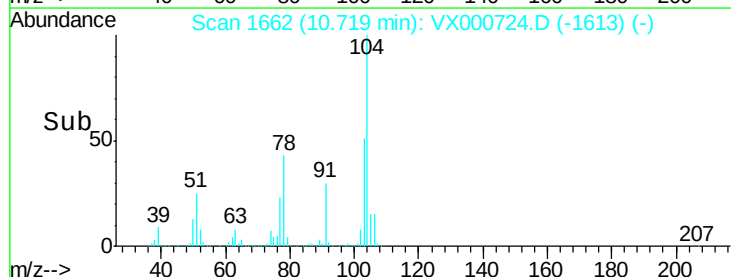
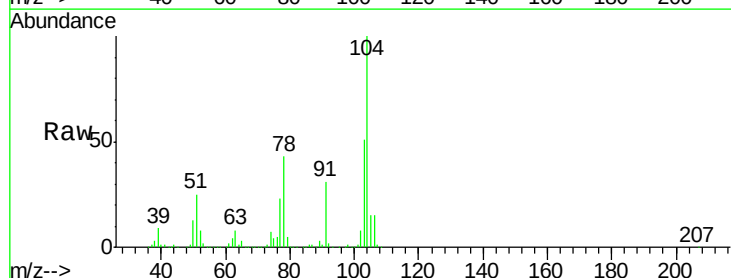
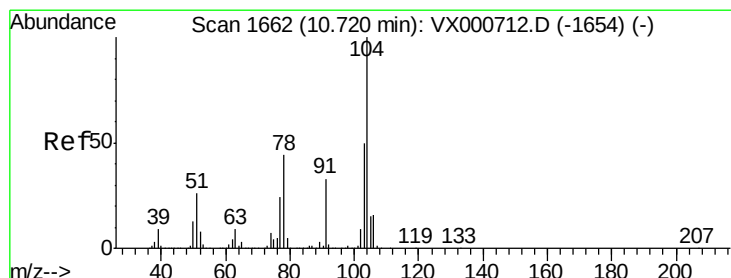
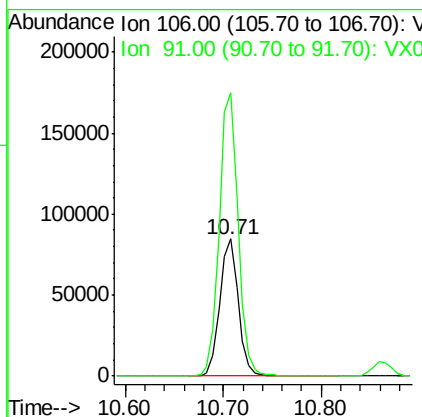
#69
o-Xylene
Concen: 19.31 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tot Ion	Ratio	Resp	Lower	Upper
106	100	111151		
91	210.0	106.1	318.3	

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

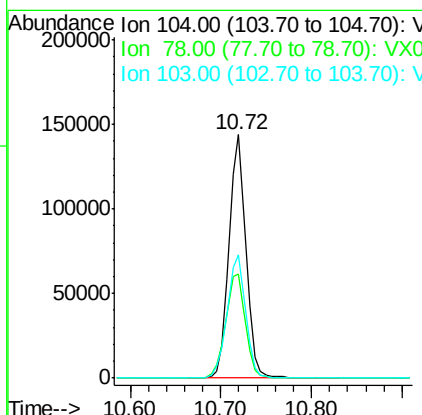
Manual Integrations
APPROVED

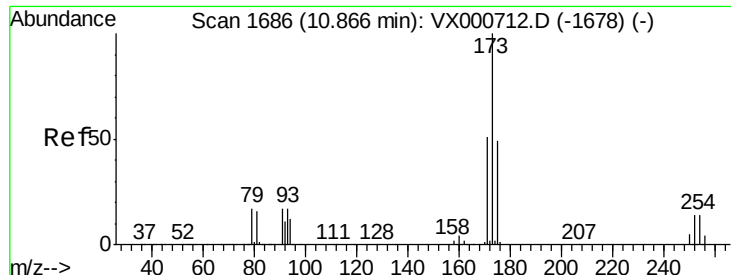
sam
4/9/2018 2:03:18 PM



#70
Styrene
Concen: 19.25 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	187226		
78	50.0	39.8	59.6	
103	55.5	44.1	66.1	





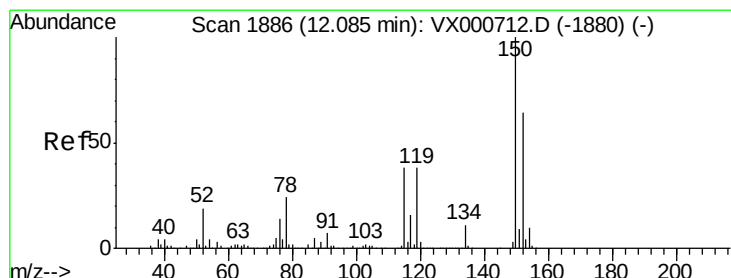
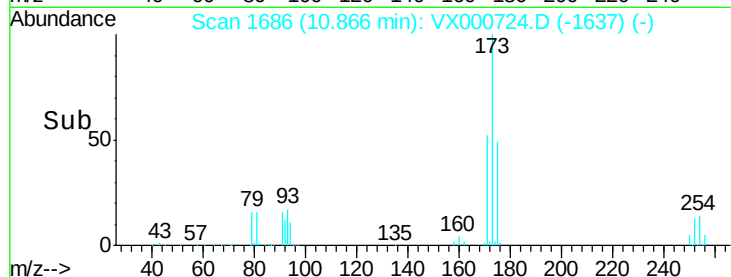
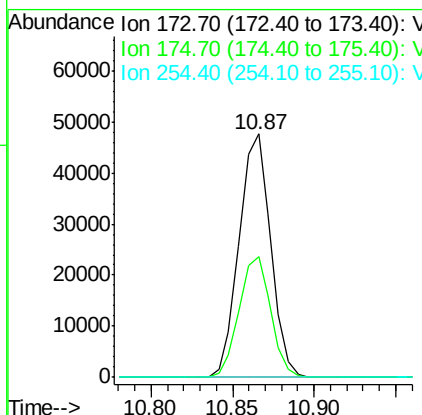
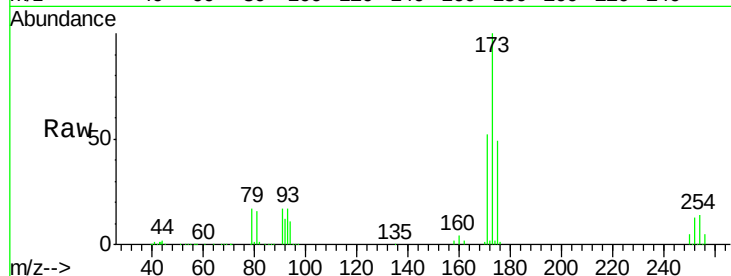
#71
Bromoform
Concen: 19.47 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.2	72.6
254	0.1	0.1	0.1

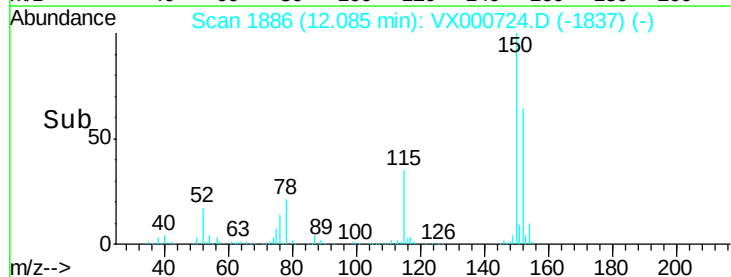
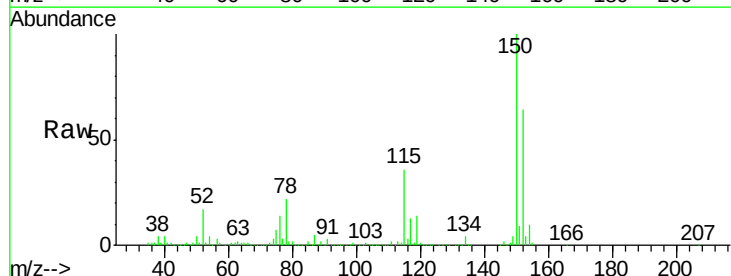
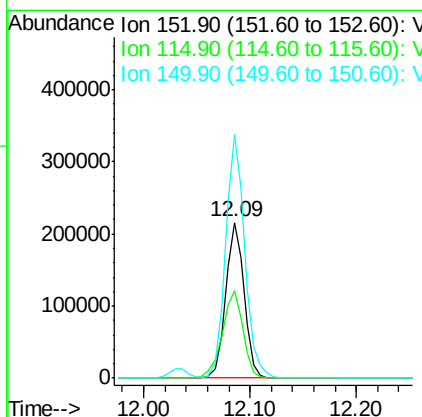
Manual Integrations
APPROVED

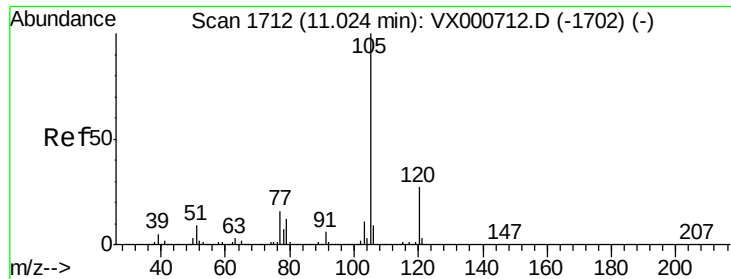
sam
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	37.7	113.1
150	162.7	0.0	345.0





#73

Isopropylbenzene

Concen: 19.34 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion: 105 Resp: 302625

Ion Ratio Lower Upper

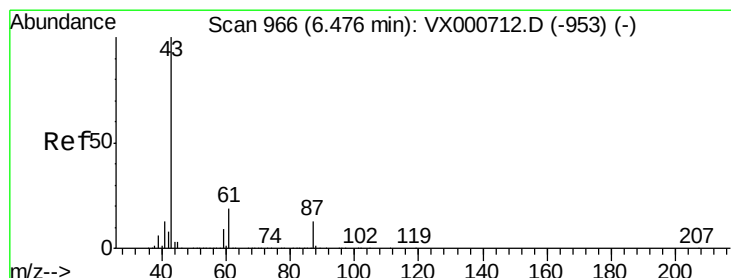
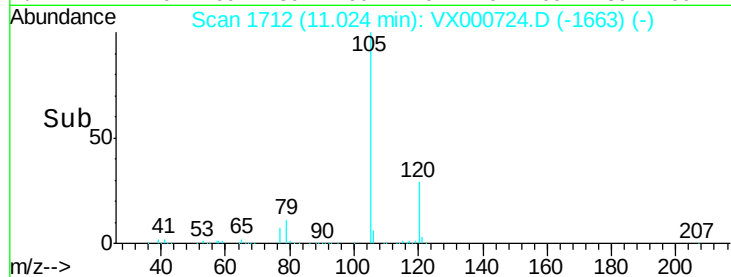
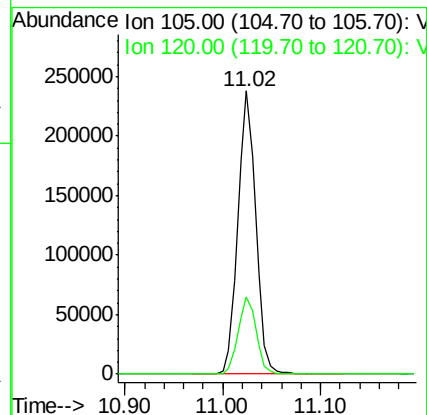
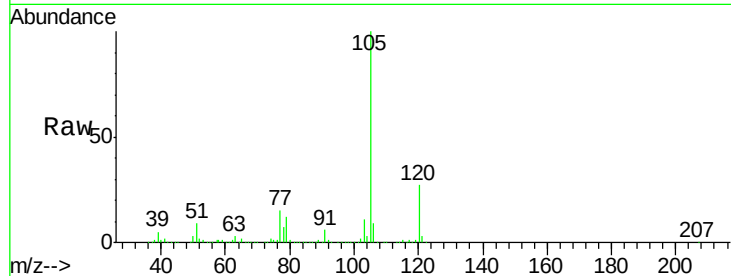
105 100

120 27.4 13.7 41.0

Manual Integrations
APPROVED

sam

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#74

N-ethyl acetate

Concen: 18.72 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Tgt Ion: 43 Resp: 142588

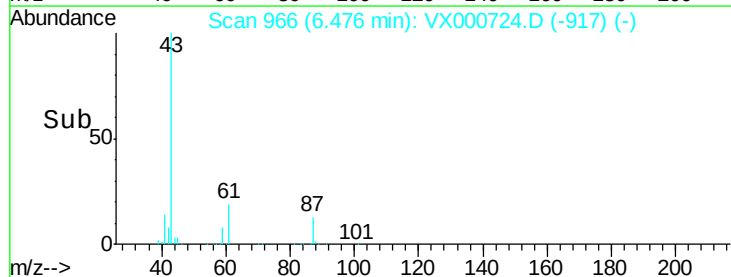
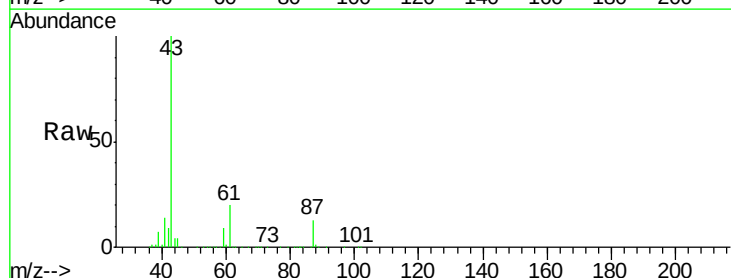
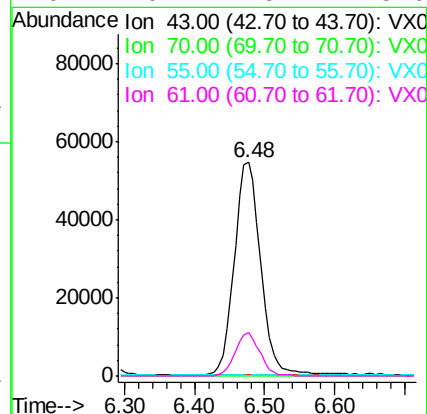
Ion Ratio Lower Upper

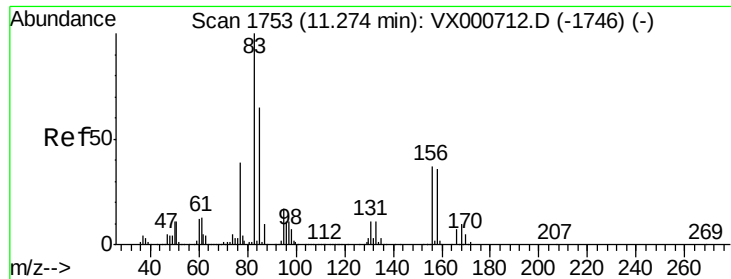
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.1 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0408WBSD01

Tot Ion: 83 Resp: 88032

Ion Ratio Lower Upper

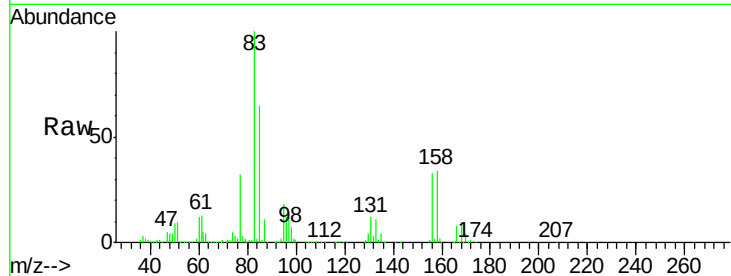
83 100

131 11.8 5.9 17.7

85 65.0 32.6 98.0

Manual Integrations
APPROVED

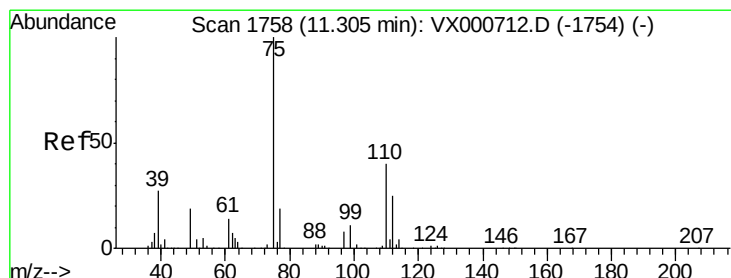
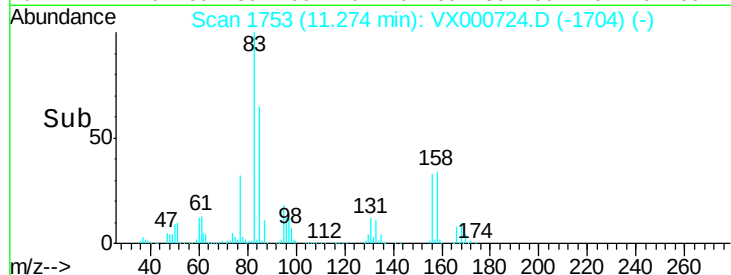
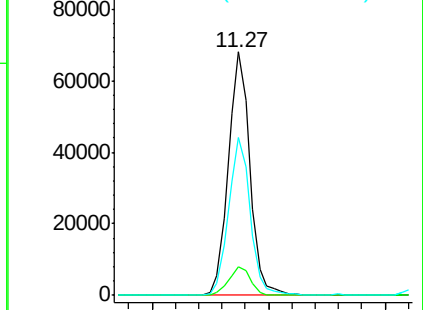
sam
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.01 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000724.D

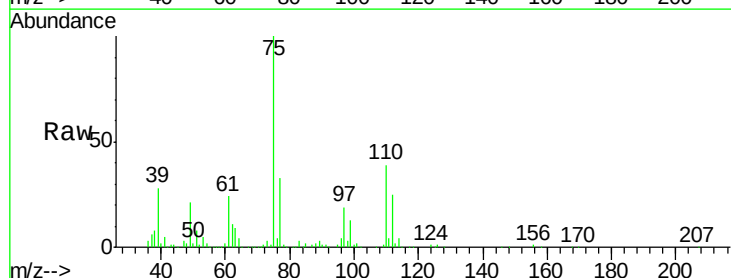
Acq: 08 Apr 2018 12:12

Tgt Ion: 75 Resp: 84666

Ion Ratio Lower Upper

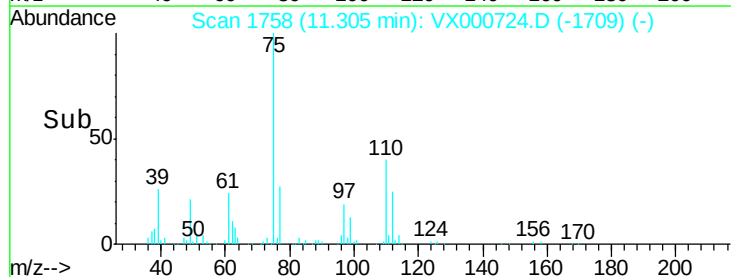
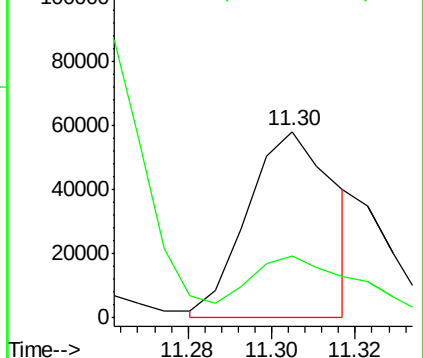
75 100

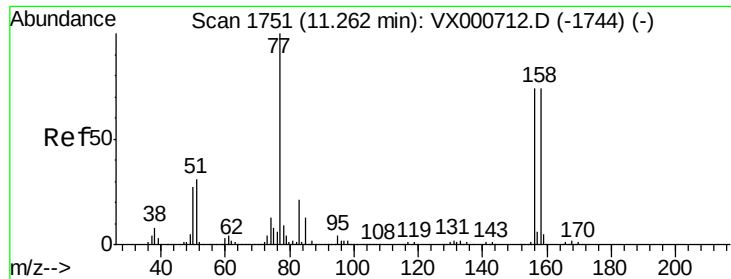
77 40.9 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBSD01

Tot Ion:156 Resp: 87635

Ion Ratio Lower Upper

156 100

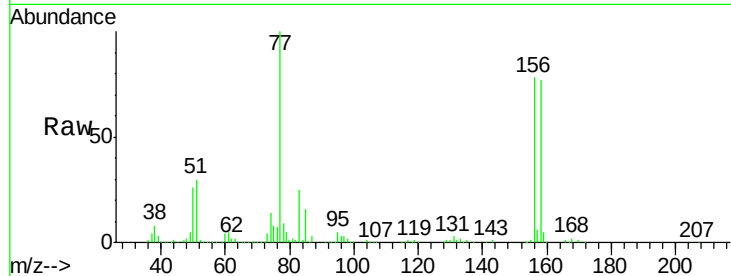
77 134.0 68.3 205.1

158 98.0 49.1 147.3

Manual Integrations
APPROVED

sam

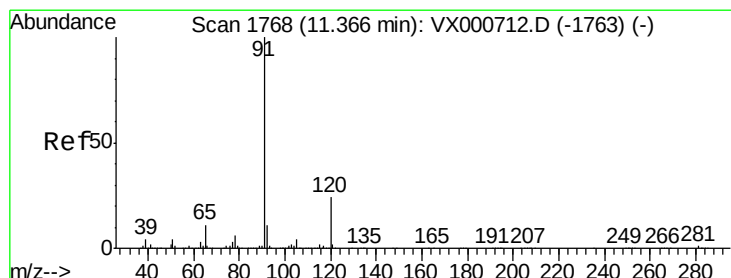
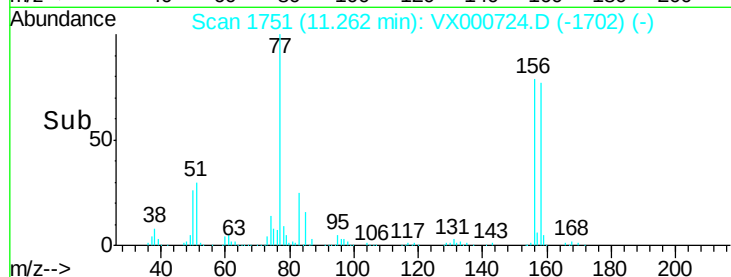
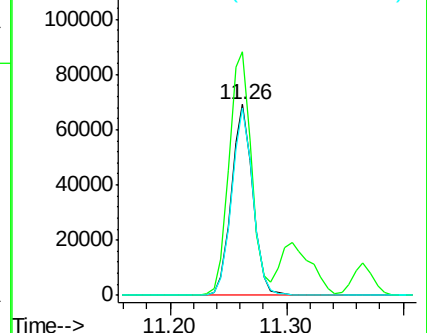
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000724.D

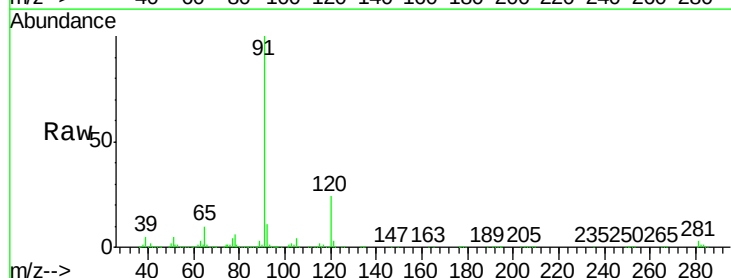
Acq: 08 Apr 2018 12:12

Tgt Ion: 91 Resp: 348307

Ion Ratio Lower Upper

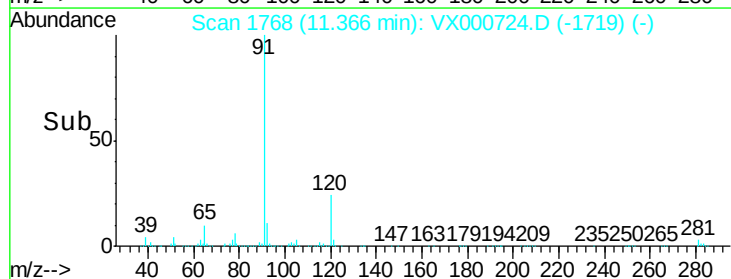
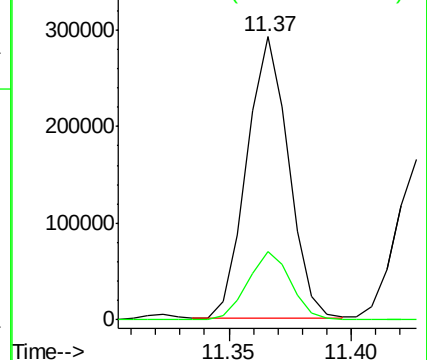
91 100

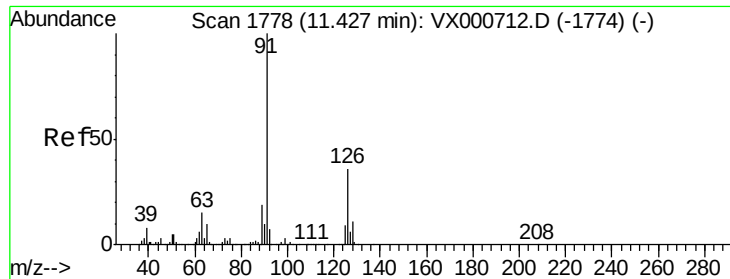
120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





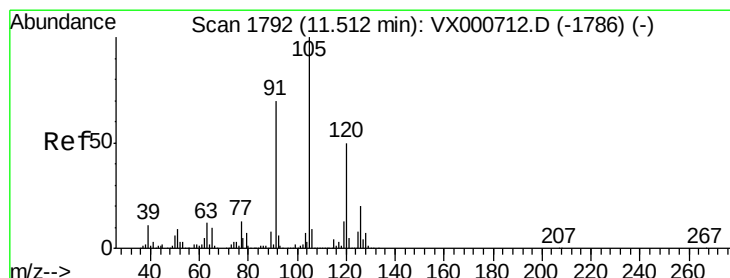
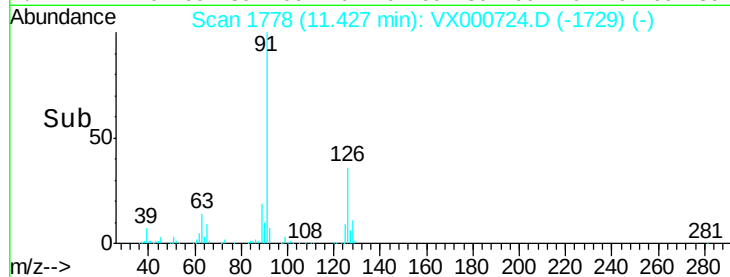
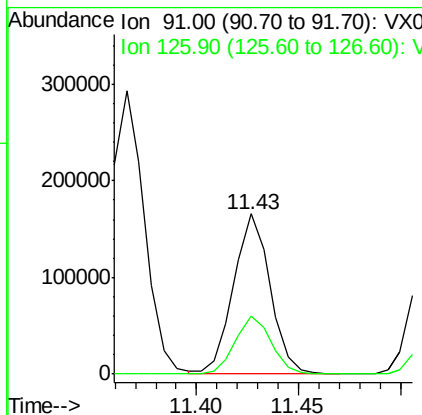
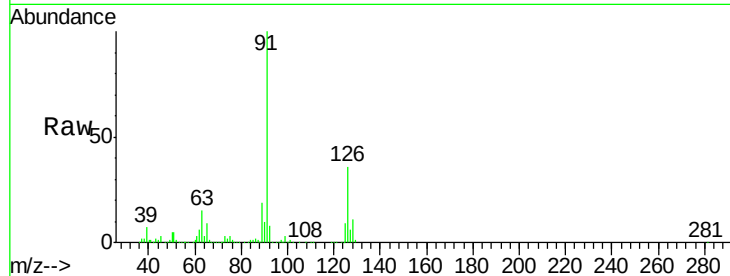
#79
 2-Chlorotoluene
 Concen: 19.06 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion: 91 Resp: 204127
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.3 54.9

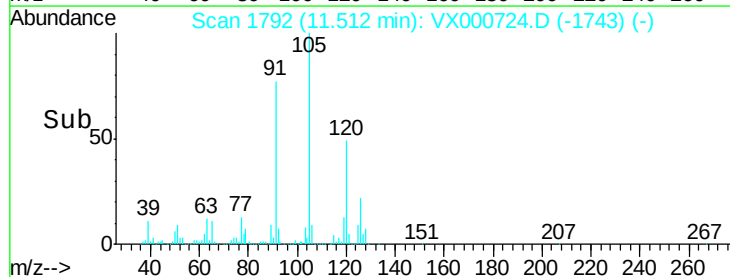
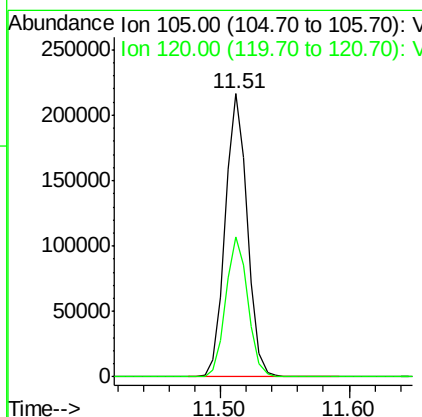
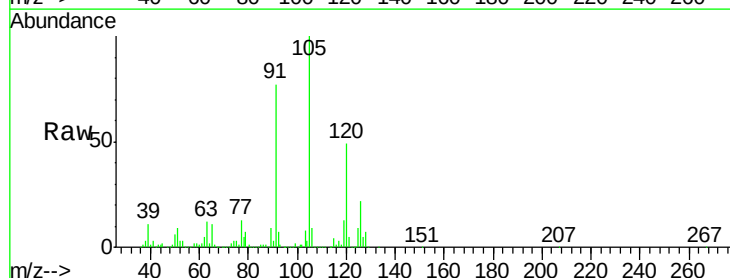
Manual Integrations
 APPROVED

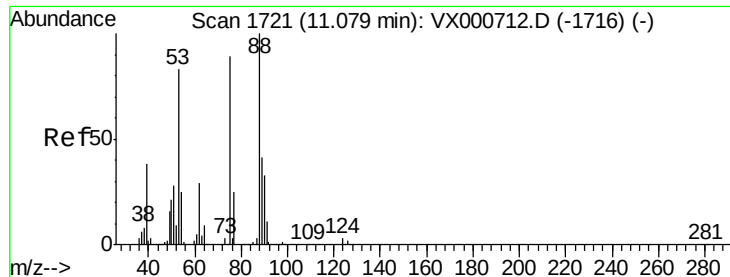
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.31 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion: 105 Resp: 261786
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.1 75.3





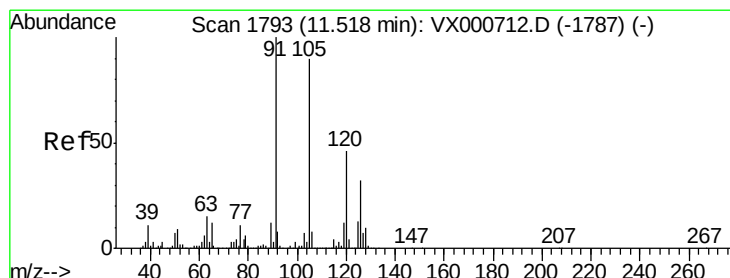
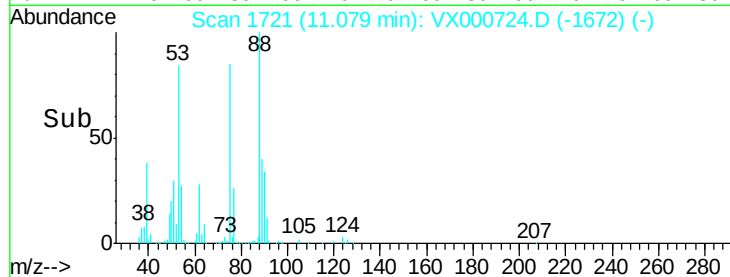
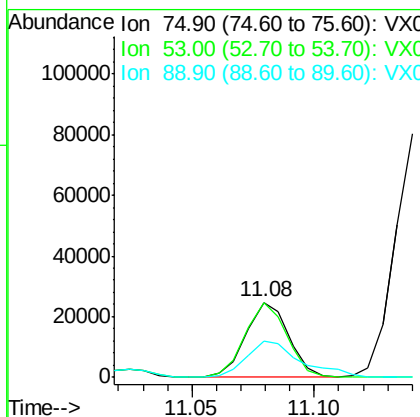
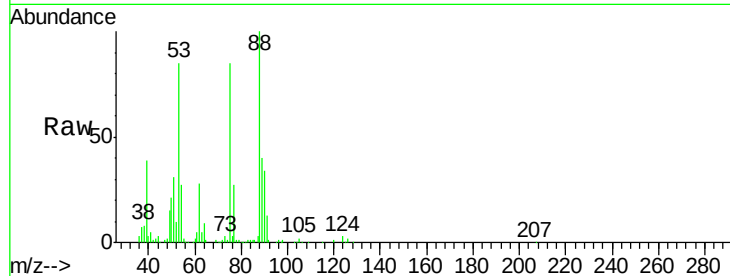
#81
trans-1,4-Dichloro-2-butene
Concen: 17.74 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	74.2	111.2
89	61.5	46.6	69.8

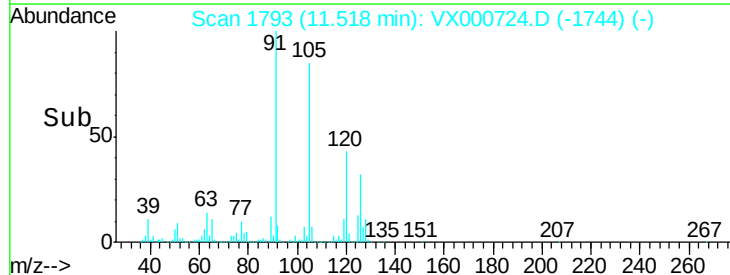
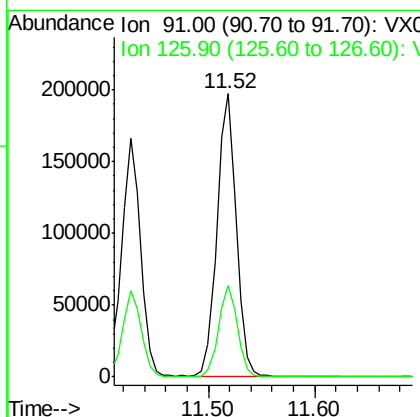
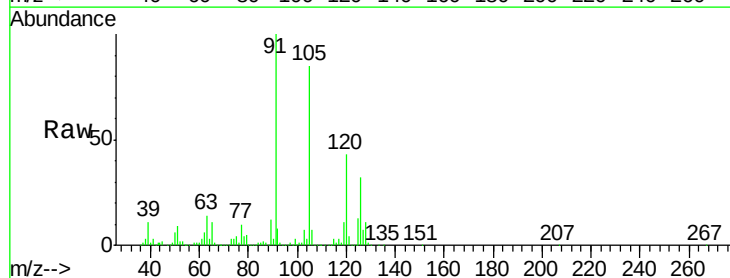
Manual Integrations
APPROVED

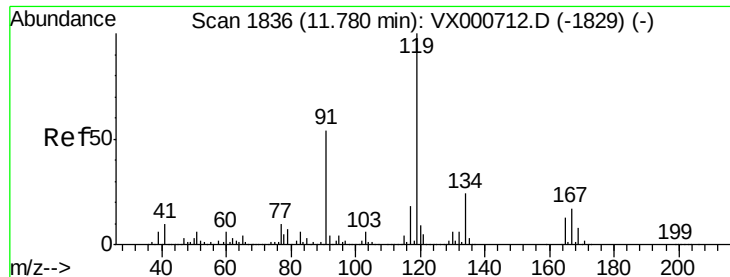
sam
4/9/2018 2:03:18 PM



#82
4-Chlorotoluene
Concen: 19.25 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.0	48.0





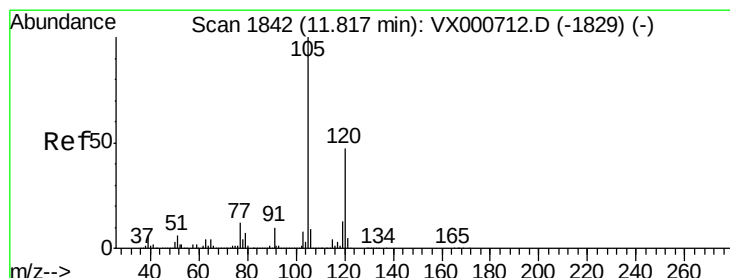
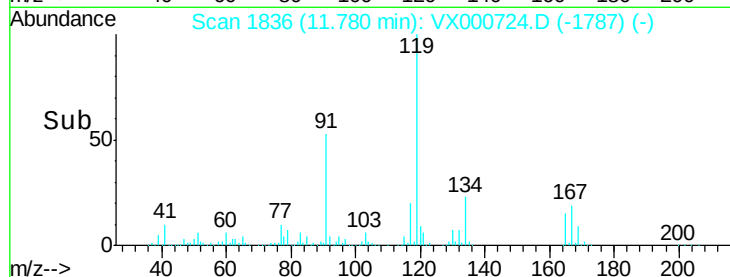
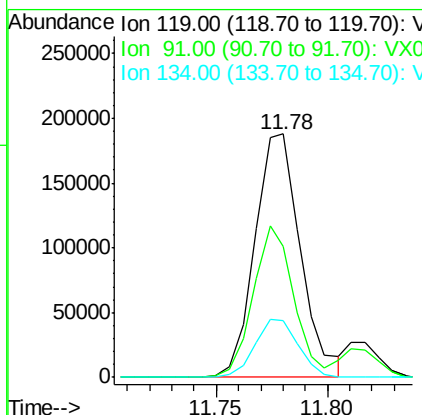
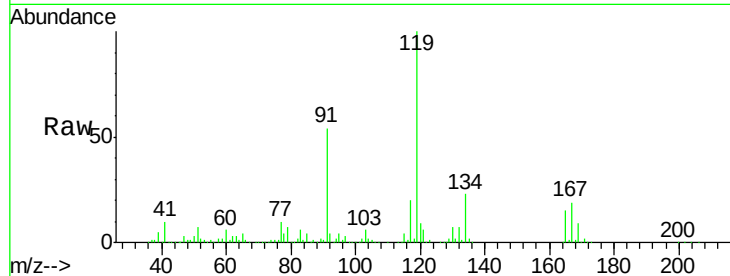
#83
 tert-Butylbenzene
 Concen: 19.29 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion:	119	Resp:	268099
Ion Ratio	Lower	Upper	
119	100		
91	55.2	27.3	81.8
134	22.7	11.5	34.4

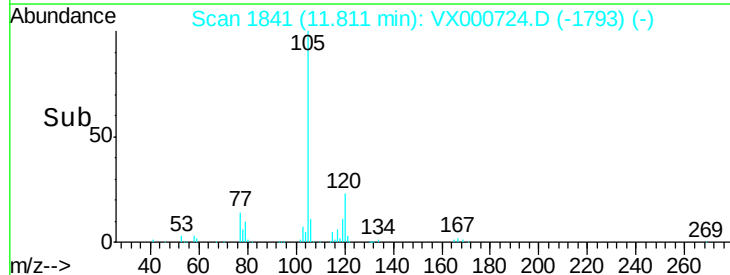
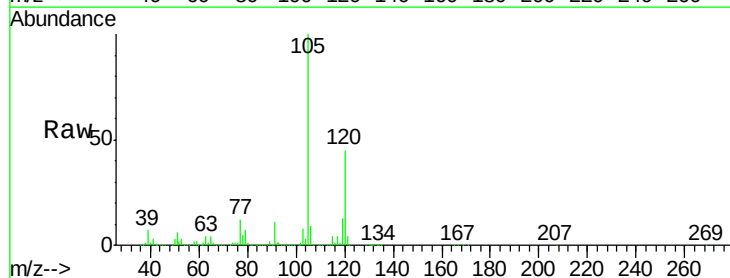
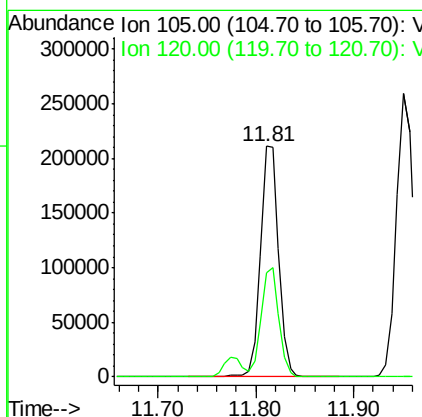
Manual Integrations
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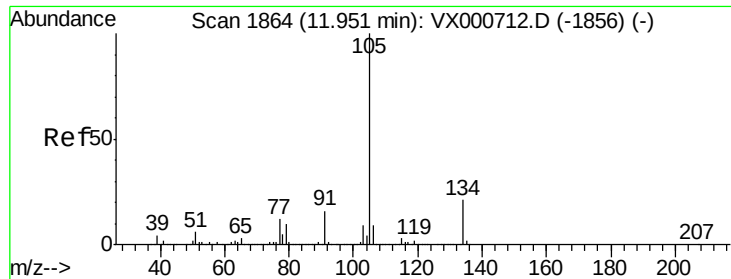
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion:	105	Resp:	270928
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.9	68.5





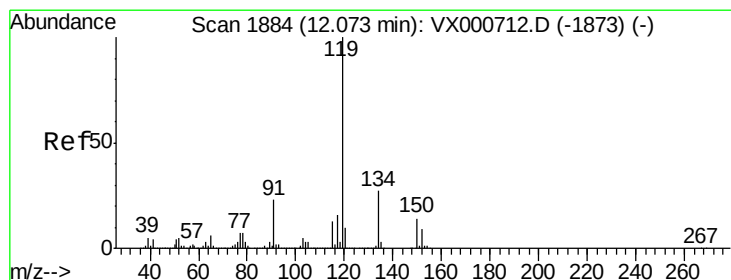
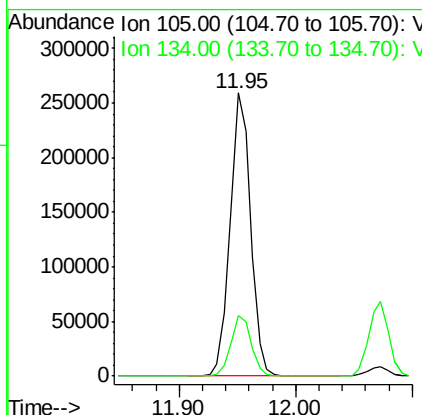
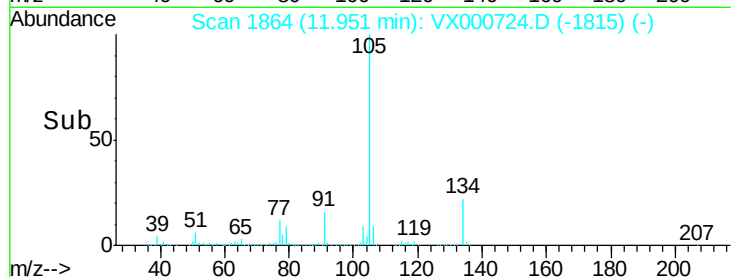
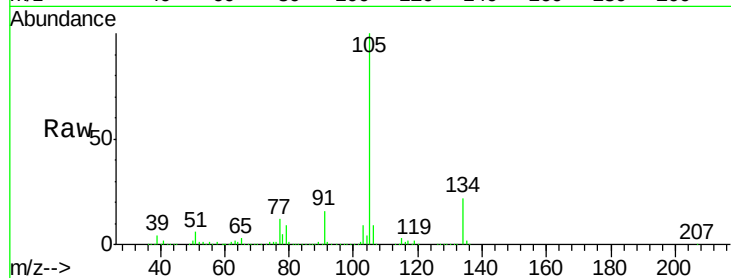
#85
 sec-Butylbenzene
 Concen: 19.52 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	32.1

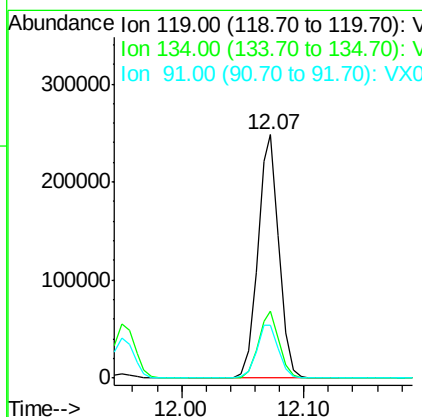
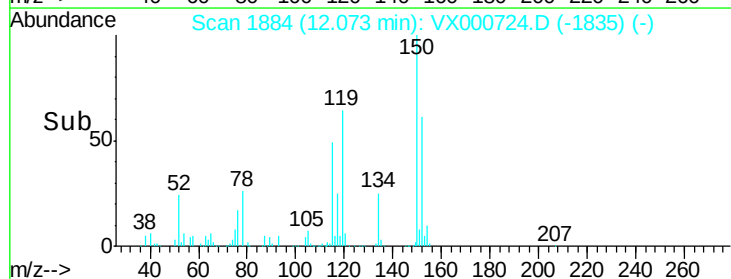
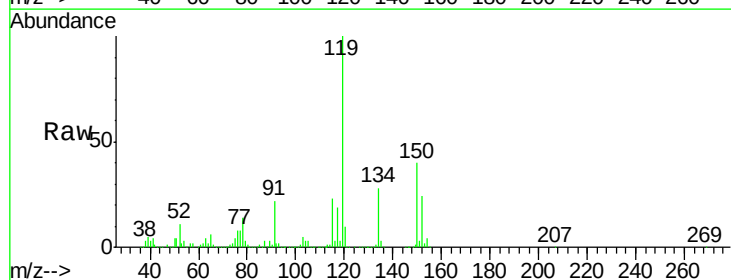
Manual Integrations
 APPROVED

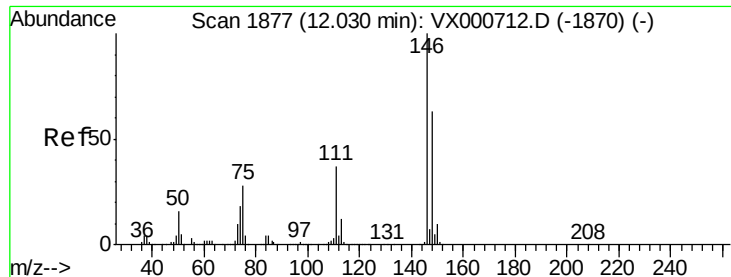
sam
 4/9/2018 2:03:18 PM



#86
 p-Isopropyltoluene
 Concen: 19.56 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	22.9	11.5	34.4





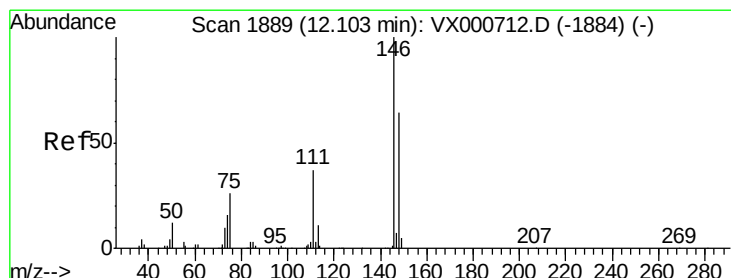
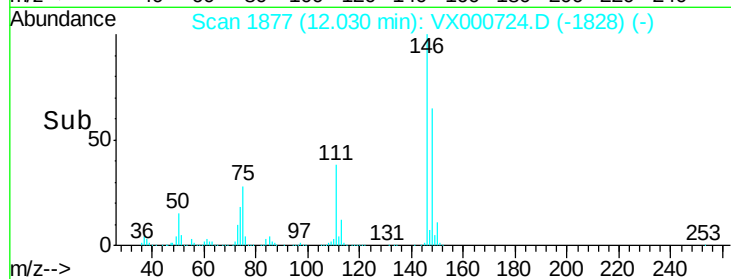
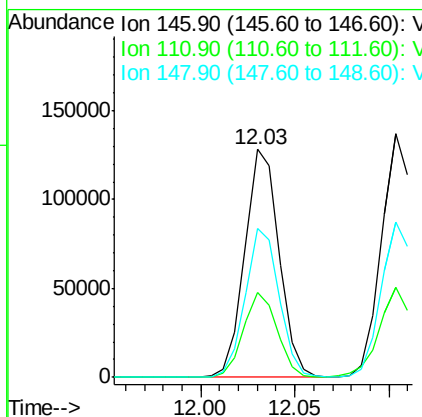
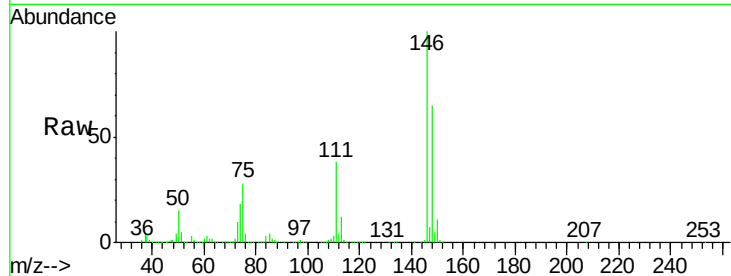
#87
 1,3-Dichlorobenzene
 Concen: 19.53 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0408WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.8	32.0	96.2

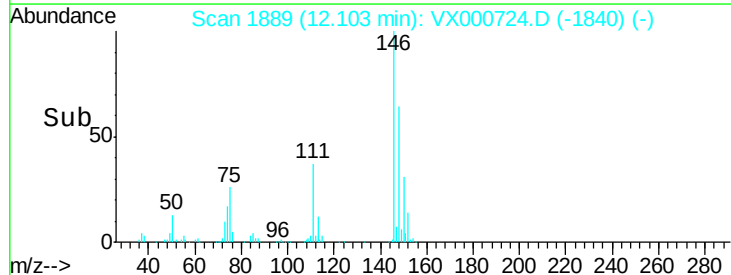
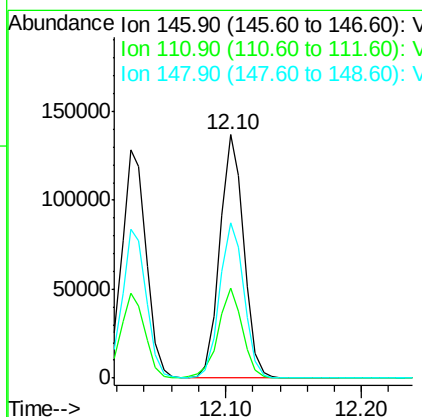
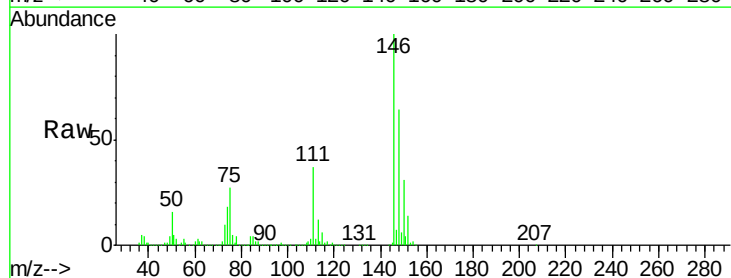
Manual Integrations
 APPROVED

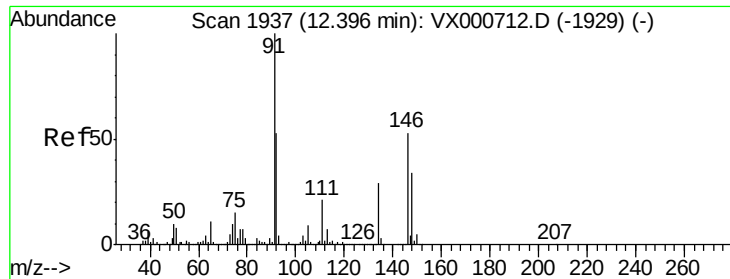
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.2	54.6
148	64.9	32.1	96.5





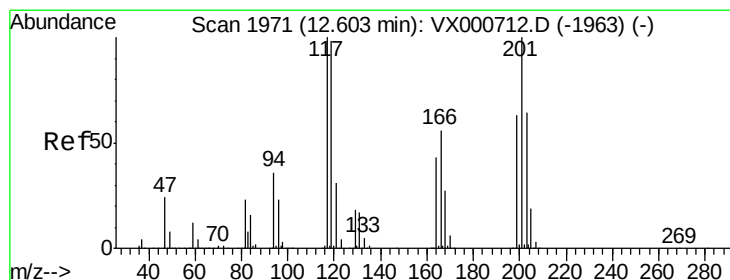
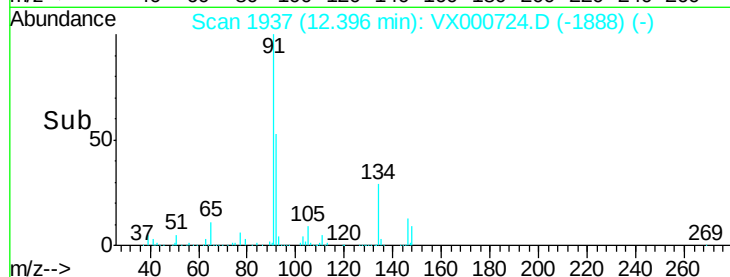
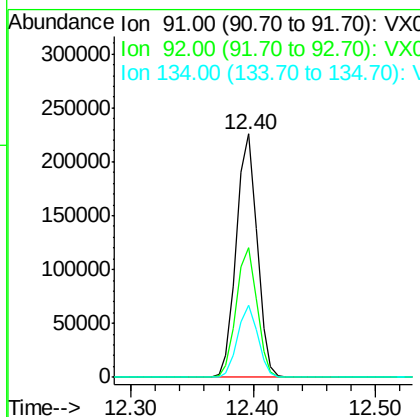
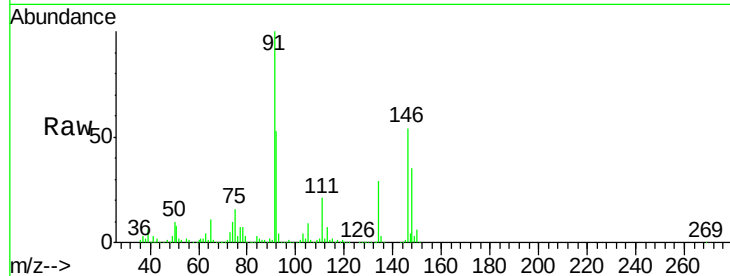
#89
n-Butylbenzene
Concen: 19.43 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		263874		
92	53.3	26.7	80.0		
134	29.0	14.4	43.0		

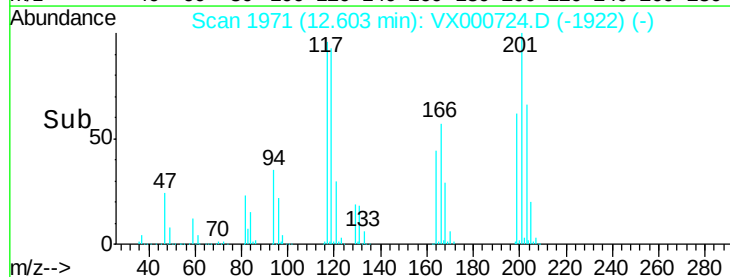
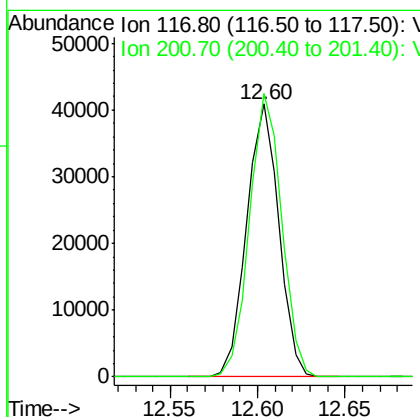
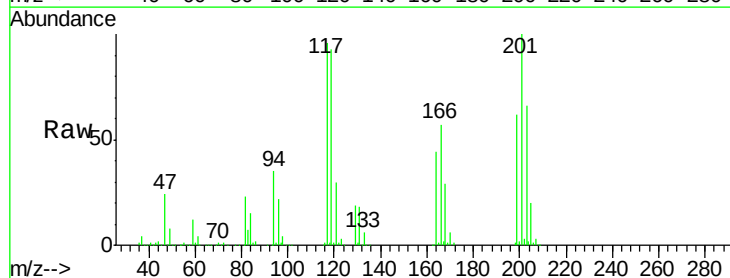
Manual Integrations
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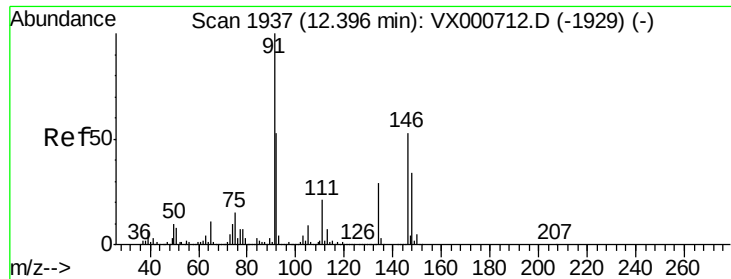
sam
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#90
Hexachloroethane
Concen: 19.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000724.D
Acq: 08 Apr 2018 12:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		52467		
201	103.6	51.2	153.6		





#91

1,2-Dichlorobenzene

Concen: 19.60 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

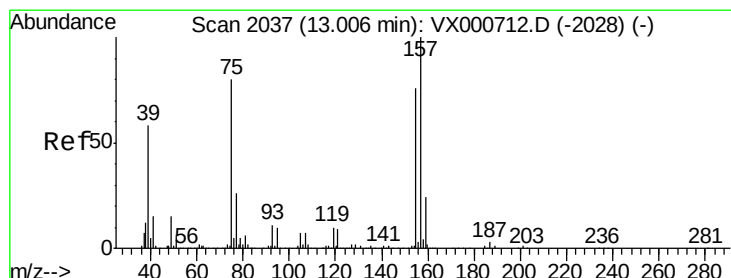
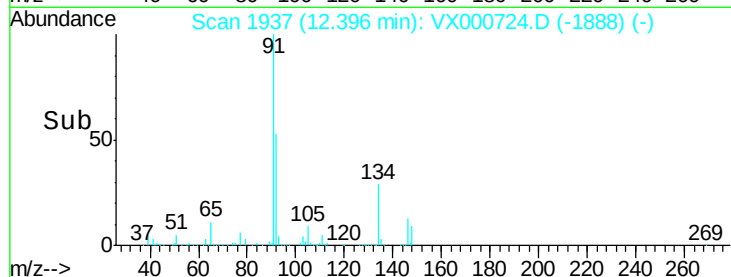
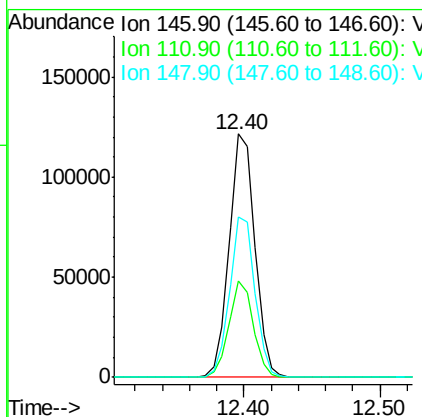
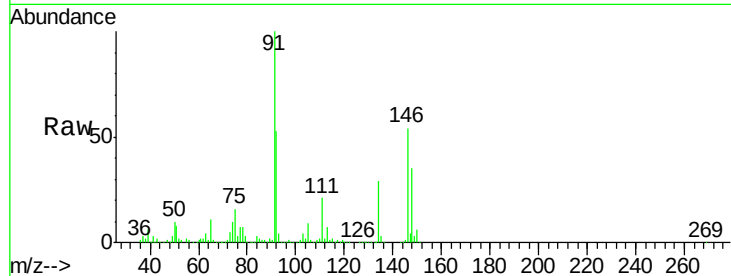
ClientSampleId :

VX0408WBSD01

Tot Ion:	146	Resp:	159105
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.3	57.9
148	65.2	31.9	95.7

Manual Integrations
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sam
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.14 ug/l

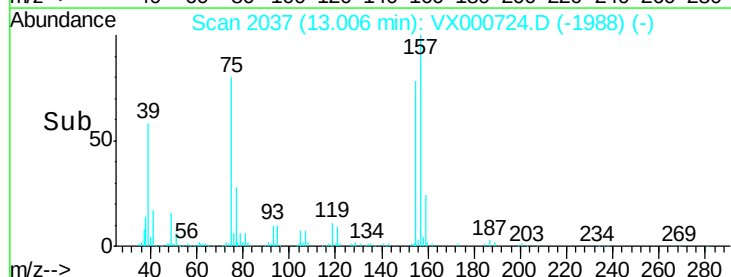
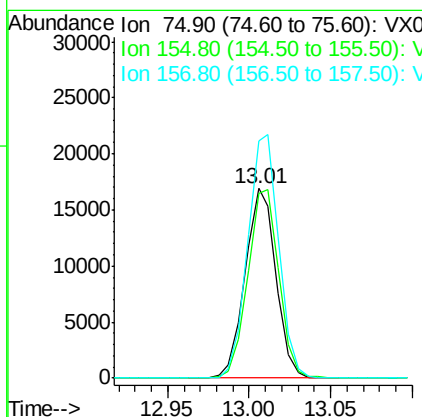
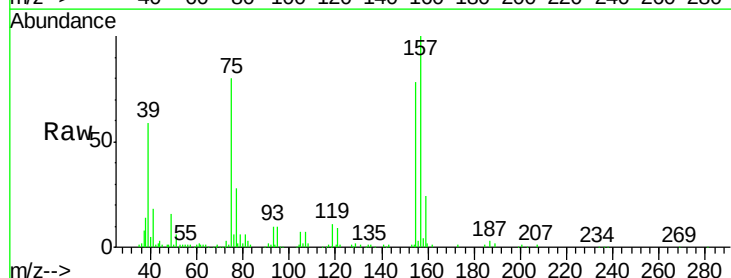
RT: 13.01 min Scan# 2037

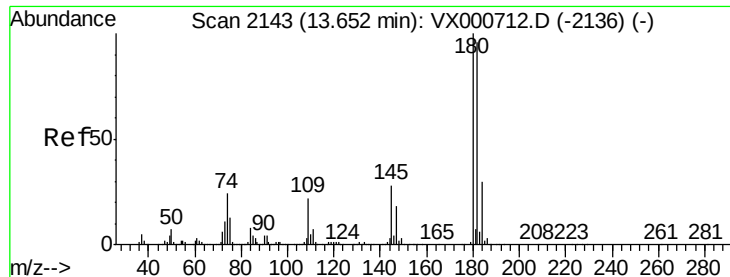
Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Tgt Ion:	75	Resp:	22179
Ion Ratio	Lower	Upper	
75	100		
155	100.3	48.4	145.0
157	129.1	62.8	188.5





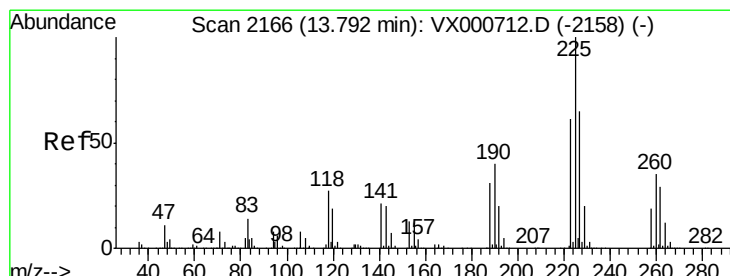
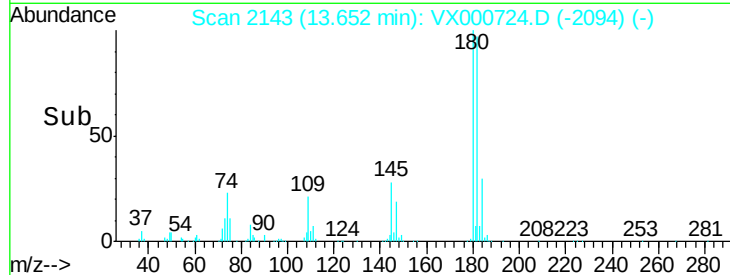
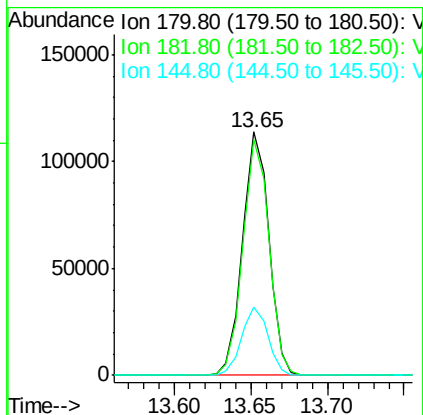
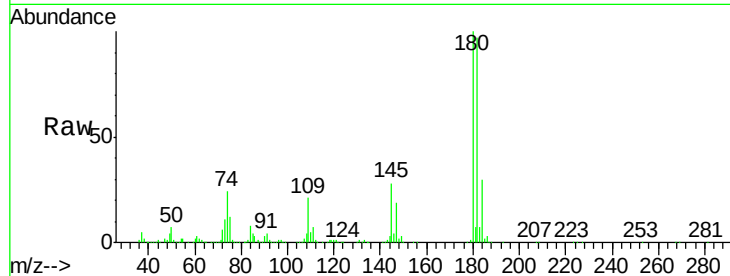
#93
 1,2,4-Trichlorobenzene
 Concen: 19.72 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Tot Ion:	180	Resp:	136215
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.9	143.7
145	28.0	14.1	42.3

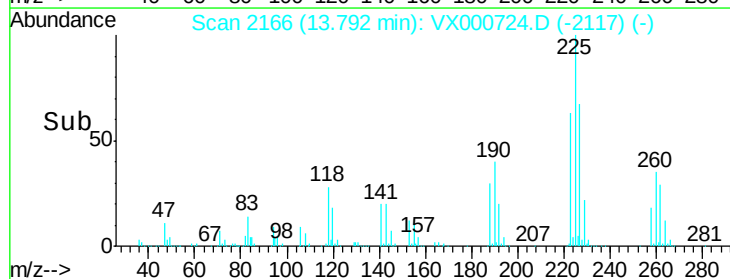
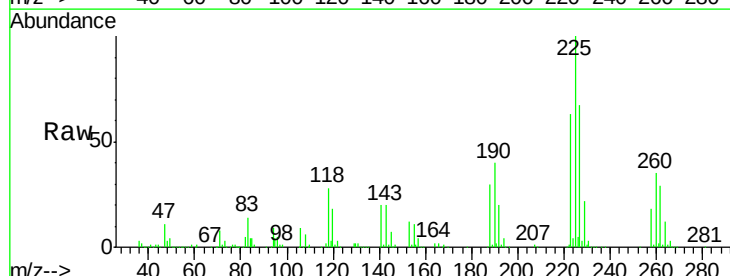
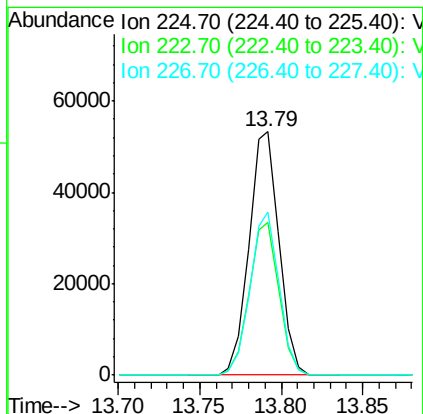
Manual Integrations
 APPROVED

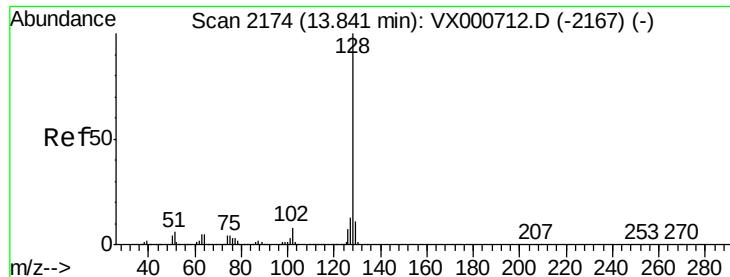
sam
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#94
 Hexachlorobutadiene
 Concen: 20.05 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000724.D
 Acq: 08 Apr 2018 12:12

Tgt Ion:	225	Resp:	68183
Ion Ratio	Lower	Upper	
225	100		
223	62.2	30.9	92.8
227	64.5	31.9	95.7





#95

Naphthalene

Concen: 19.39 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Instrument :

MSVOA_X

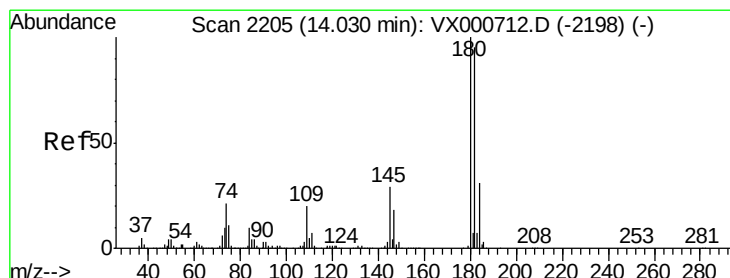
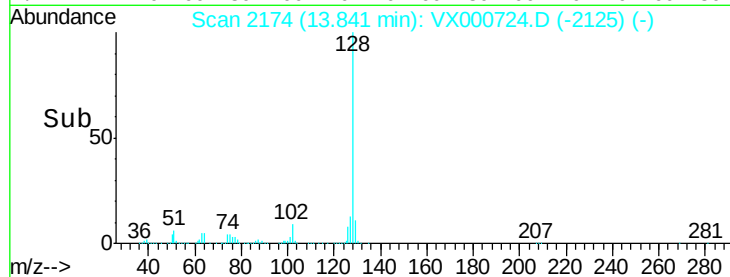
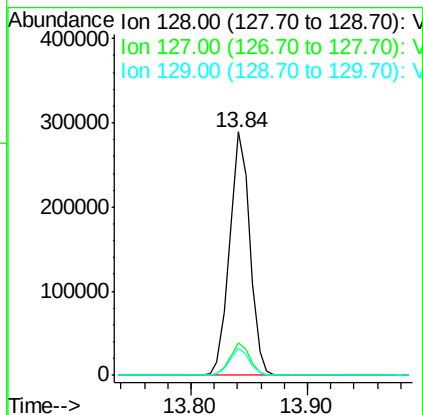
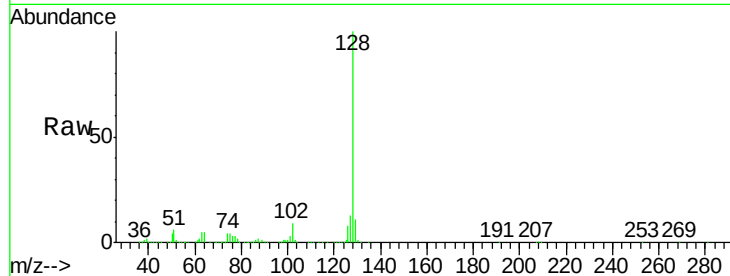
ClientSampleId :

VX0408WBSD01

Tot Ion:	128	Resp:	350677
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

sam
4/9/2018 2:03:18 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.84 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000724.D

Acq: 08 Apr 2018 12:12

Tgt Ion:	180	Resp:	132193
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.8	143.3
145	29.4	14.9	44.9

