

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000313.D
 Acq On : 13 Mar 2018 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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sam
 3/14/2018 2:12:02 PM

Quant Time: Mar 14 01:43:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	125335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	216500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	220500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	135230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	88750	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	5.51	113	72434	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.73	98	286815	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.15	95	114131	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63945	46.82	ug/l	96
3) Chloromethane	1.32	50	65455	49.09	ug/l	100
4) Vinyl Chloride	1.41	62	82217	52.91	ug/l	99
5) Bromomethane	1.64	94	91725	56.82	ug/l	100
6) Chloroethane	1.72	64	55637	57.51	ug/l	94
7) Trichlorofluoromethane	1.93	101	148374	57.56	ug/l	97
8) Diethyl Ether	2.20	74	54118	57.20	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78520	54.54	ug/l	98
10) Methyl Iodide	2.51	142	82187	54.11	ug/l	99
11) Tert butyl alcohol	3.09	59	163980	256.86	ug/l	100
12) 1,1-Dichloroethene	2.38	96	75491	57.11	ug/l	93
13) Acrolein	2.30	56	96100	286.32	ug/l	96
14) Allyl chloride	2.73	41	135371	55.44	ug/l	99
15) Acrylonitrile	3.16	53	312647	281.41	ug/l	100
16) Acetone	2.45	43	293585	235.29	ug/l	100
17) Carbon Disulfide	2.57	76	206552	57.03	ug/l	98
18) Methyl Acetate	2.79	43	150676	56.71	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	288163	61.21	ug/l	100
20) Methylene Chloride	2.86	84	83225	55.93	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	81235	55.88	ug/l	96
22) Diisopropyl ether	3.89	45	214144	51.07	ug/l	97
23) Vinyl Acetate	3.84	43	1016278	251.47	ug/l	100
24) 1,1-Dichloroethane	3.70	63	143333	55.76	ug/l	99
25) 2-Butanone	4.72	43	384104	249.45	ug/l	99
26) 2,2-Dichloropropane	4.60	77	97331	51.80	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	74862	54.31	ug/l	97
28) Bromochloromethane	5.03	49	60617	55.48	ug/l	98
29) Tetrahydrofuran	5.18	42	246386	254.76	ug/l	99
30) Chloroform	5.23	83	137193	55.20	ug/l	99
31) Cyclohexane	5.59	56	99393	52.28	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	124329	57.69	ug/l	99
36) 1,1-Dichloropropene	5.81	75	98895	51.34	ug/l	99
37) Ethyl Acetate	4.88	43	137283	49.31	ug/l	100
38) Carbon Tetrachloride	5.79	117	106123	54.43	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	110760	46.86	ug/l	98
40) Benzene	6.15	78	293595	52.84	ug/l	100
41) Methacrylonitrile	5.08	41	71422	50.33	ug/l	98
42) 1,2-Dichloroethane	6.21	62	114626	52.60	ug/l	99
43) Isopropyl Acetate	6.48	43	215732	53.60	ug/l	100
44) Trichloroethene	7.23	130	83406	52.45	ug/l	94
45) 1,2-Dichloropropane	7.52	63	77201	54.86	ug/l	91
46) Dibromomethane	7.67	93	59322	53.28	ug/l	97
47) Bromodichloromethane	7.91	83	113041	57.72	ug/l	99
48) Methyl methacrylate	7.79	41	104699	52.81	ug/l	98
49) 1,4-Dioxane	7.77	88	48994	1088.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	818222	269.32	ug/l	99
52) Toluene	8.79	92	206951	54.35	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	126404	54.77	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	128400	57.51	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	87021	56.42	ug/l	97
56) Ethyl methacrylate	9.19	69	136960	59.34	ug/l	99
57) 1,3-Dichloropropane	9.38	76	140524	54.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	320282	274.85	ug/l	99
59) 2-Hexanone	9.51	43	685346	264.56	ug/l	99
60) Dibromochloromethane	9.59	129	97148	59.74	ug/l	100
61) 1,2-Dibromoethane	9.68	107	98134	57.30	ug/l	97
64) Tetrachloroethene	9.34	164	80052	51.89	ug/l	96
65) Chlorobenzene	10.15	112	247018	55.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	89058	58.50	ug/l	99
67) Ethyl Benzene	10.26	91	419021	53.92	ug/l	99
68) m/p-Xylenes	10.37	106	333533	111.51	ug/l	99
69) o-Xylene	10.71	106	162604	56.56	ug/l	100
70) Styrene	10.72	104	280051	58.72	ug/l	98
71) Bromoform	10.87	173	81044	52.00	ug/l	99
73) Isopropylbenzene	11.02	105	445025	52.56	ug/l	100
74) N-amyl acetate	6.48	43	215732	49.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	159838	53.85	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	143037m	52.77	ug/l	
77) Bromobenzene	11.26	156	112379	51.34	ug/l	97
78) n-propylbenzene	11.37	91	507555	50.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	297485	52.92	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387095	54.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	45937	51.89	ug/l	97
82) 4-Chlorotoluene	11.52	91	369085	54.00	ug/l	100
83) tert-Butylbenzene	11.78	119	378264	54.99	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	402685	55.40	ug/l	99
85) sec-Butylbenzene	11.96	105	465055	53.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	422431	55.06	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	227375	54.63	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	235026	53.89	ug/l	98
89) n-Butylbenzene	12.40	91	386519	52.31	ug/l	99
90) Hexachloroethane	12.60	117	68312	55.26	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	225603	54.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44863	53.82	ug/l	97

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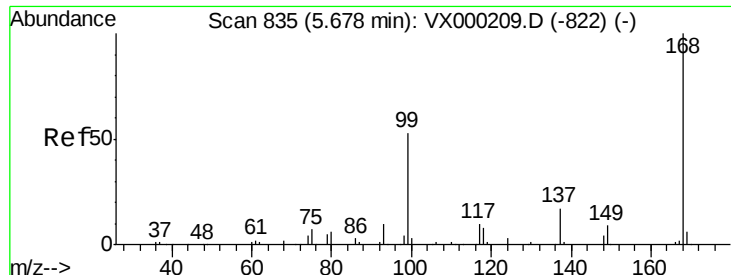
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	155571	51.90	ug/l	99
94) Hexachlorobutadiene	13.79	225	57384	46.00	ug/l	100
95) Naphthalene	13.84	128	580597	55.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	157231	53.02	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 125335

Ion Ratio Lower Upper

168 100

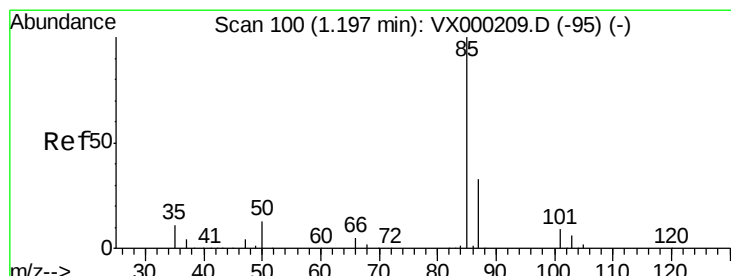
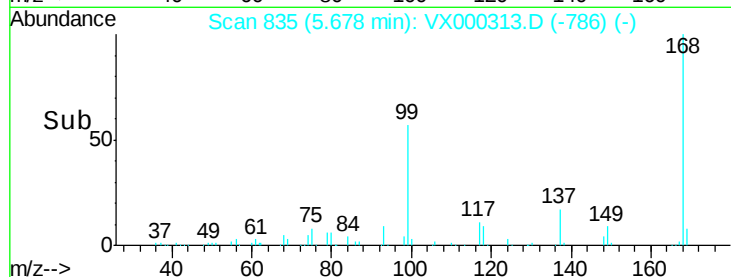
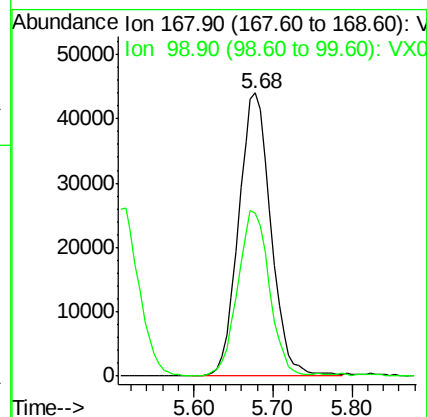
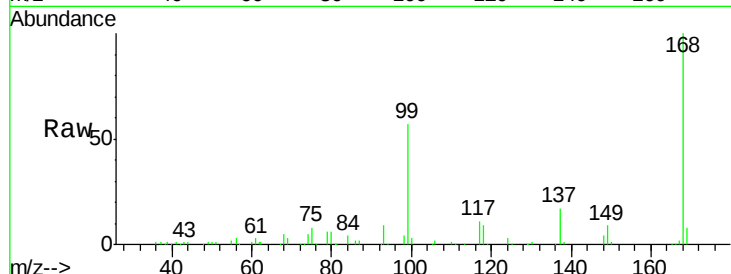
99 57.5 42.8 64.2

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#2

Dichlorodifluoromethane

Concen: 46.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000313.D

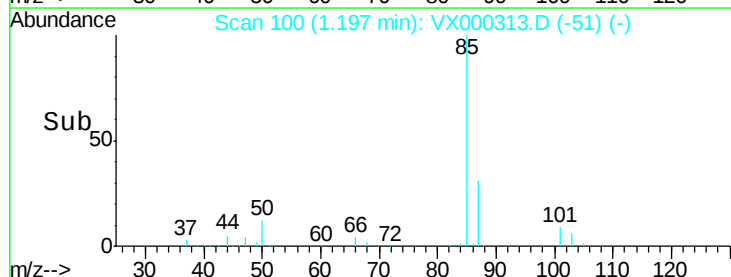
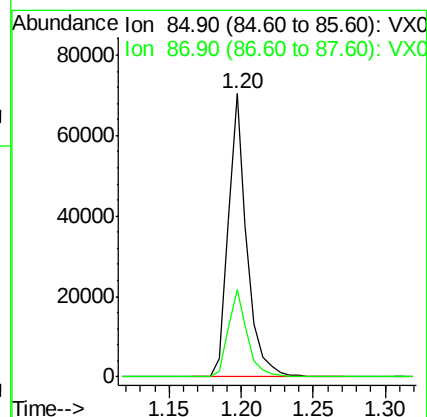
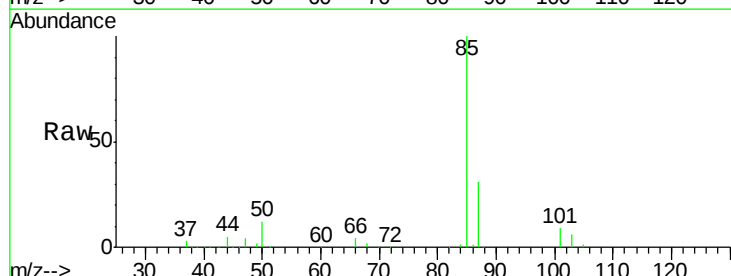
Acq: 13 Mar 2018 20:53

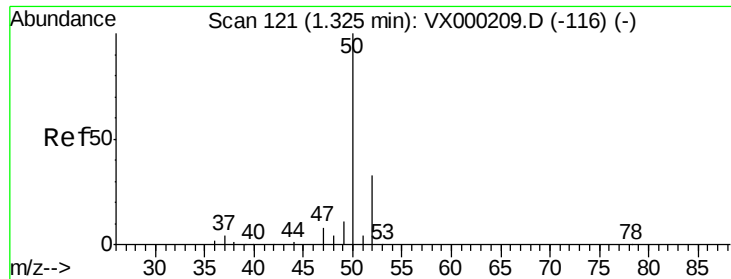
Tgt Ion: 85 Resp: 63945

Ion Ratio Lower Upper

85 100

87 30.8 16.7 50.0





#3

Chloromethane

Concen: 49.09 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 65455

Ion Ratio Lower Upper

50 100

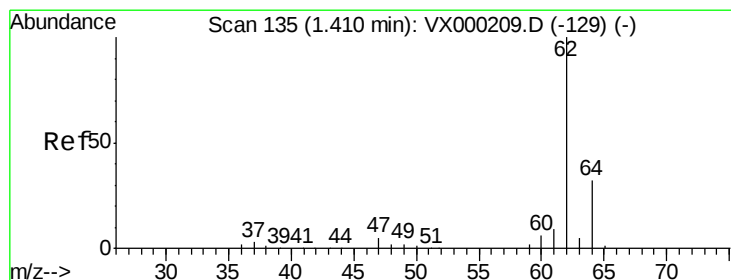
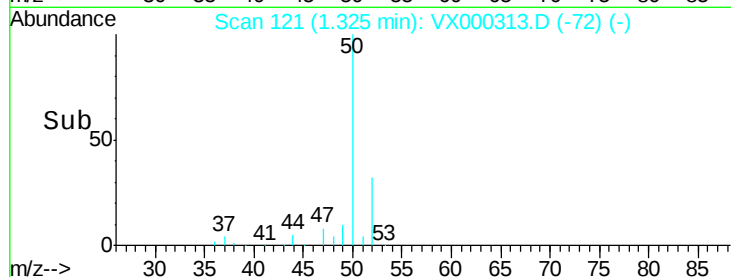
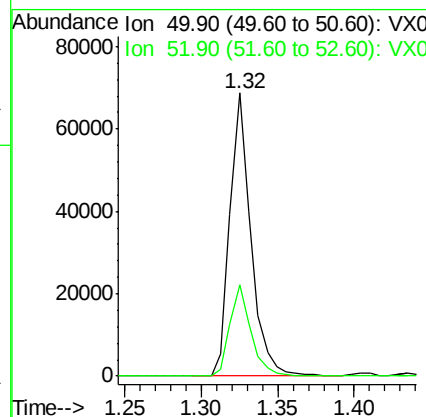
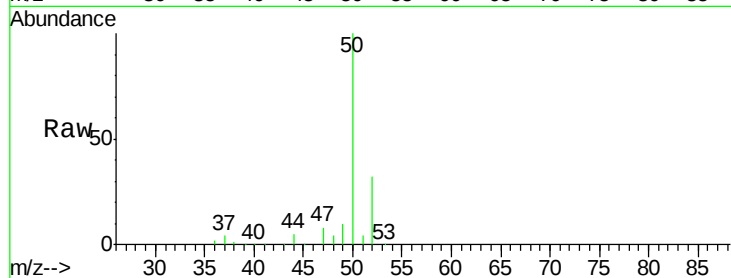
52 32.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.91 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000313.D

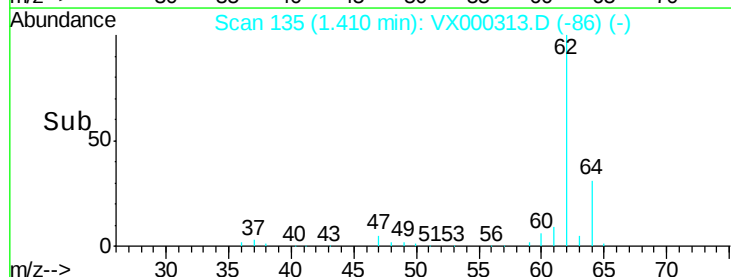
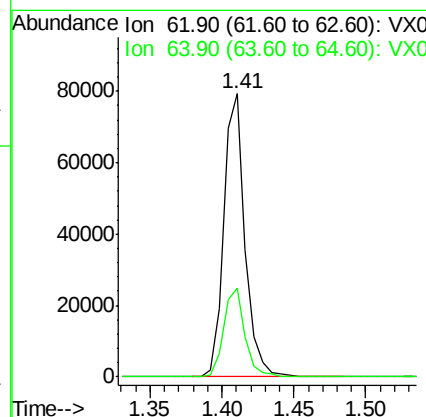
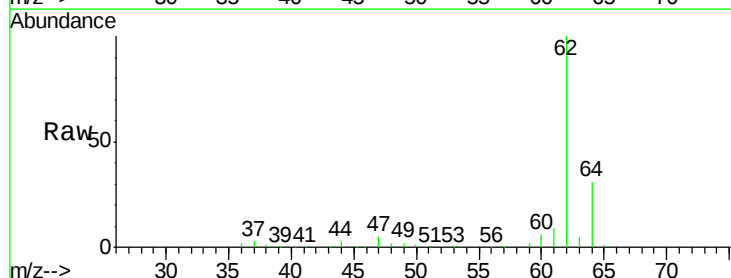
Acq: 13 Mar 2018 20:53

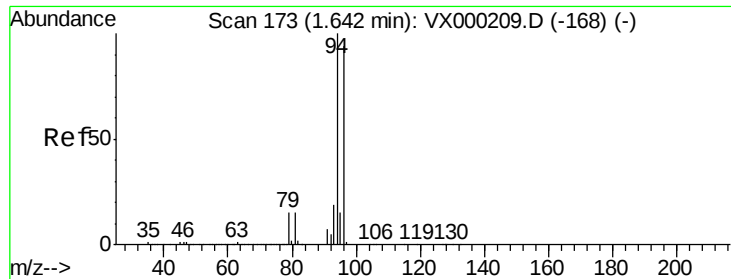
Tgt Ion: 62 Resp: 82217

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 56.82 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 91725

Ion Ratio Lower Upper

94 100

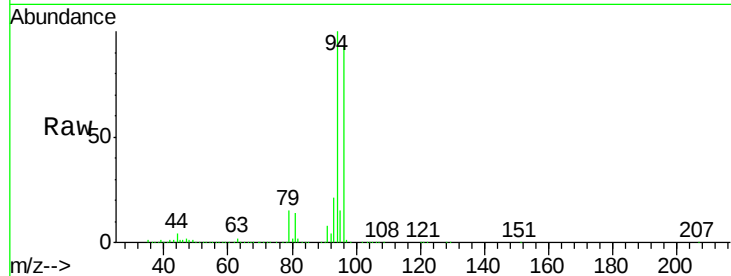
96 93.6 75.3 112.9

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

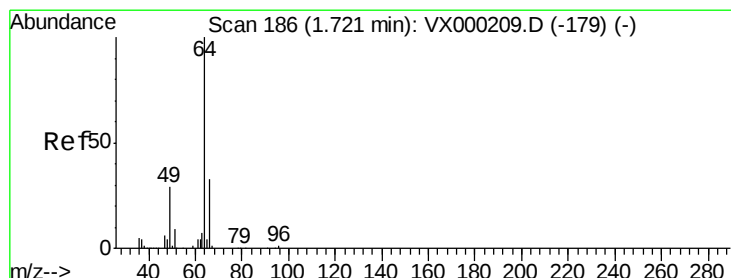
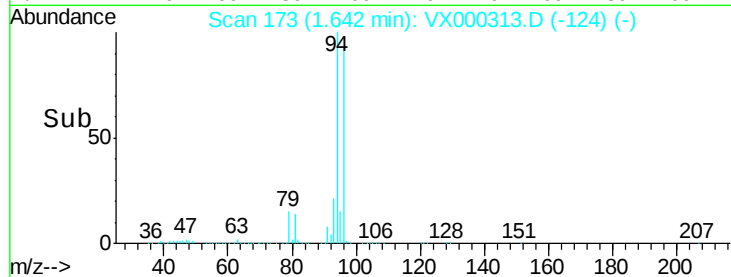
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 57.51 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000313.D

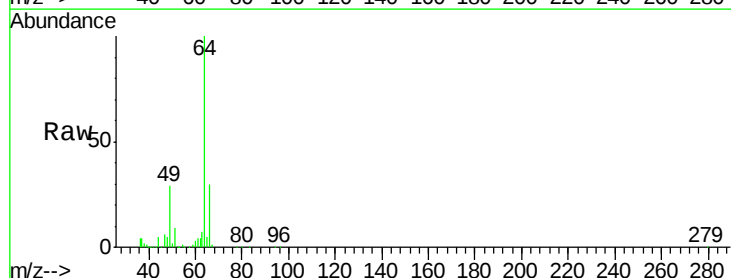
Acq: 13 Mar 2018 20:53

Tgt Ion: 64 Resp: 55637

Ion Ratio Lower Upper

64 100

66 29.6 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

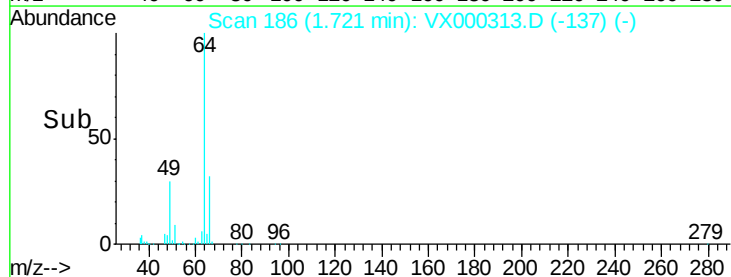
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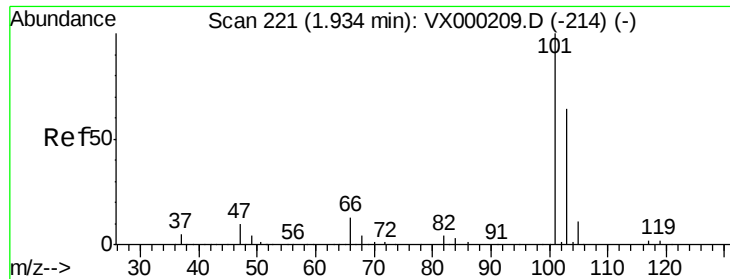
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10000

0

Time-->





#7

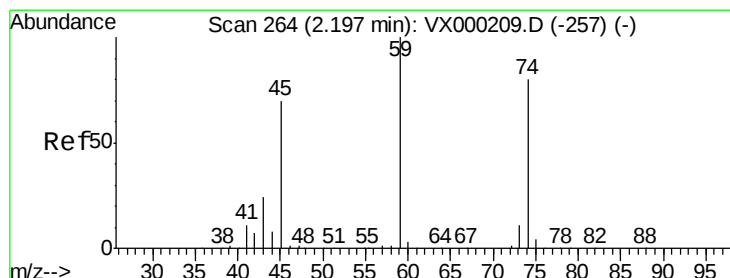
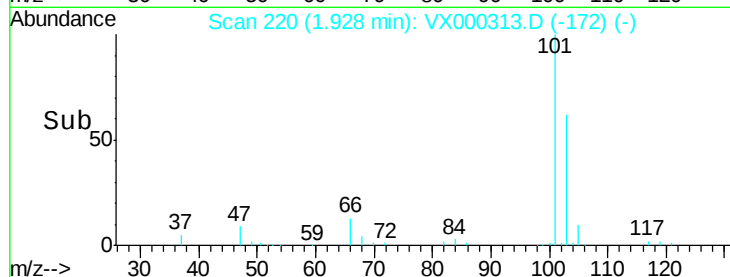
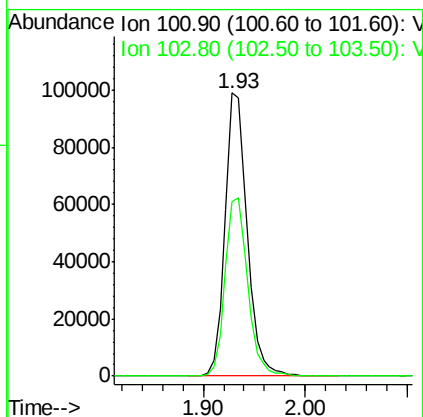
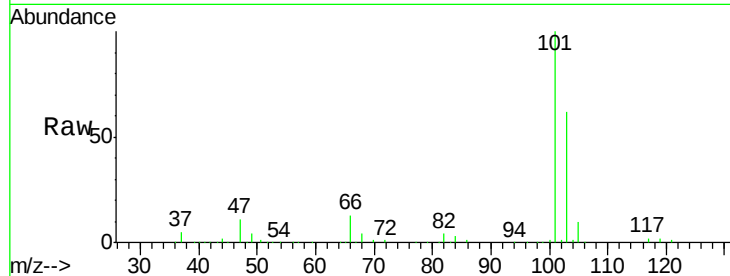
Trichlorofluoromethane
 Concen: 57.56 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	51.2	76.8

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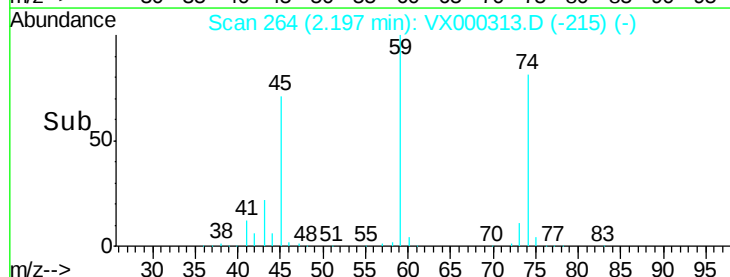
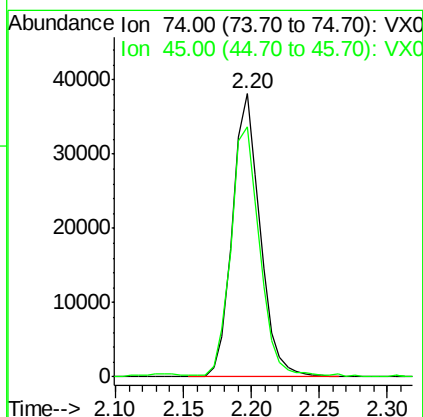
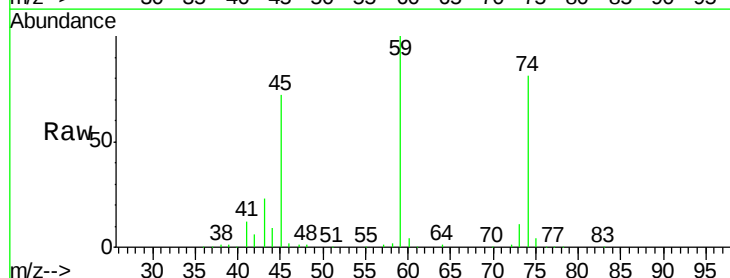
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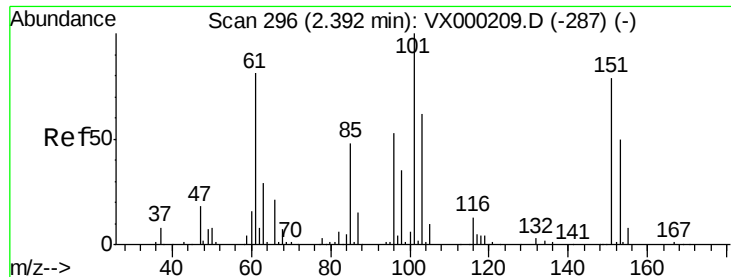


#8

Diethyl Ether
 Concen: 57.20 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.54 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

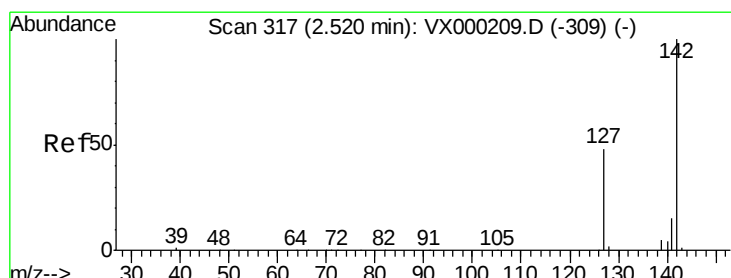
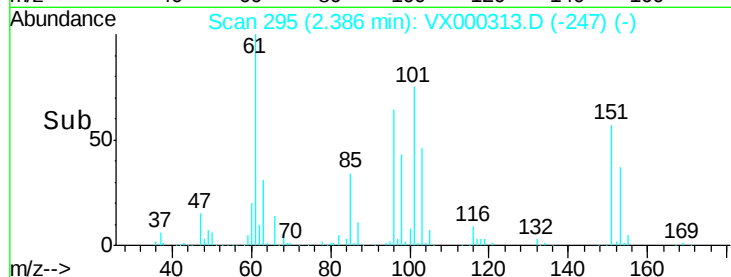
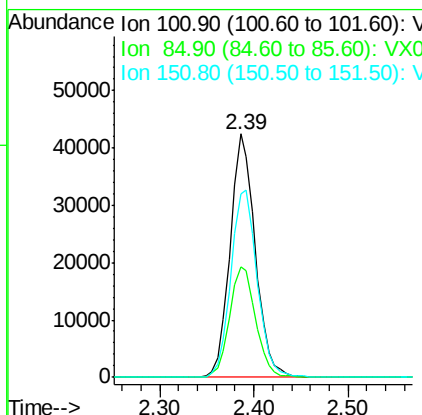
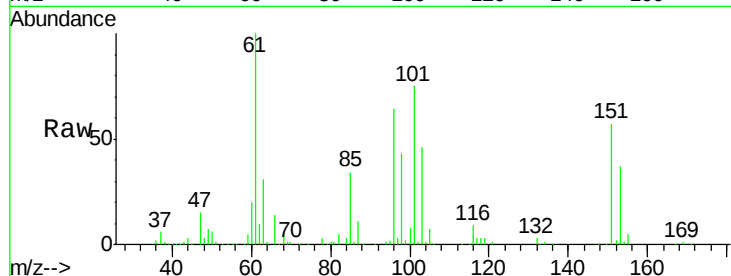
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	78520
Ion Ratio	Lower	Upper	
101	100		
85	47.3	38.3	57.5
151	80.9	62.8	94.2

Manual Integrations
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#10

Methyl Iodide

Concen: 54.11 ug/l

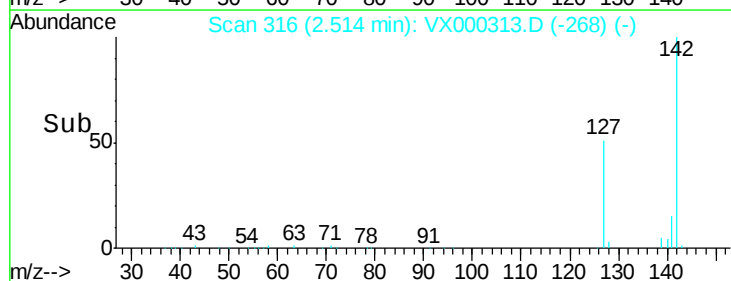
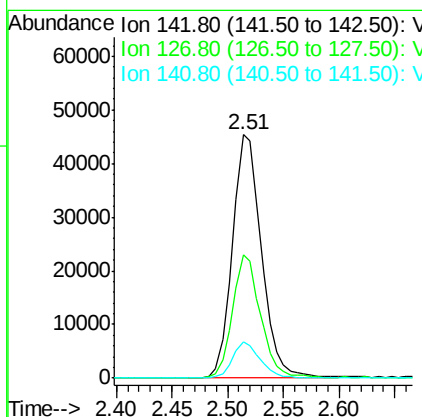
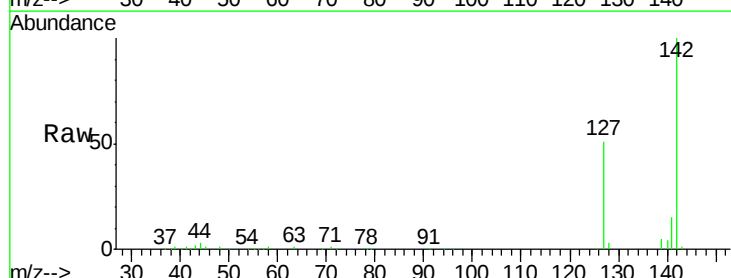
RT: 2.51 min Scan# 316

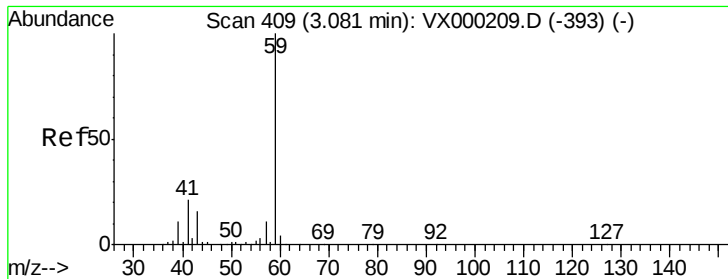
Delta R.T. -0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Tgt Ion:	142	Resp:	82187
Ion Ratio	Lower	Upper	
142	100		
127	49.1	39.0	58.6
141	14.2	11.6	17.4





#11

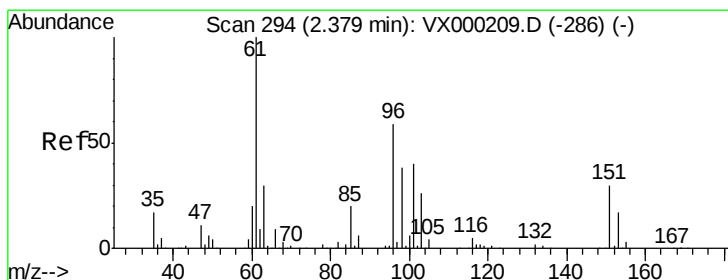
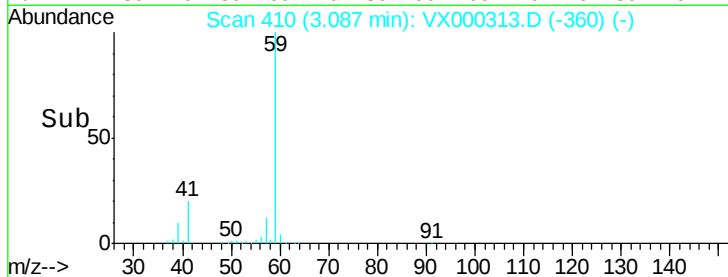
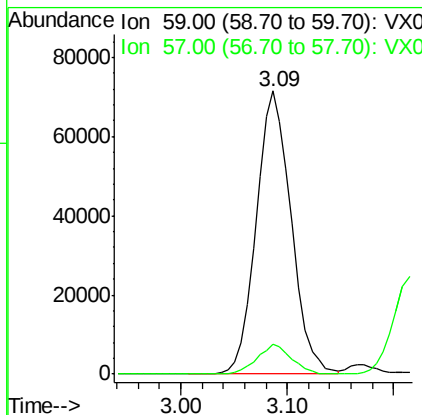
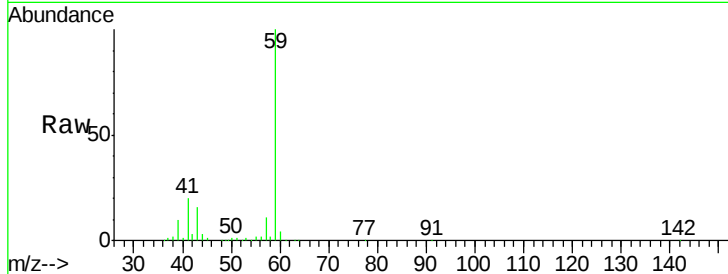
Tert butyl alcohol
 Concen: 256.86 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

Manual Integrations
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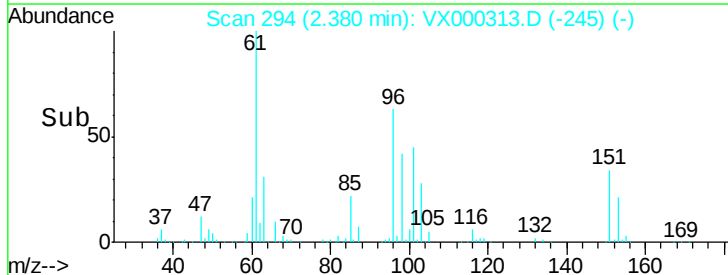
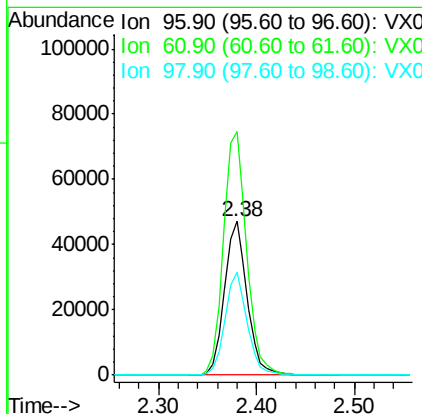
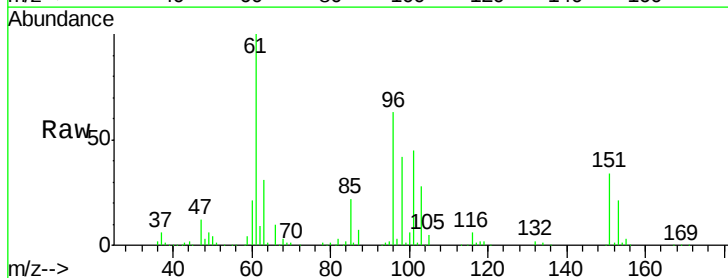
sam
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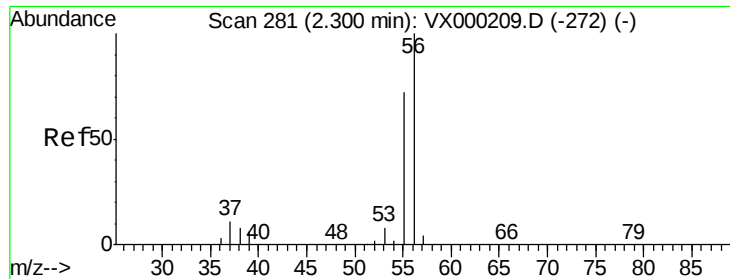


#12

1,1-Dichloroethene
 Concen: 57.11 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	135.8	203.6
98	67.0	51.1	76.7





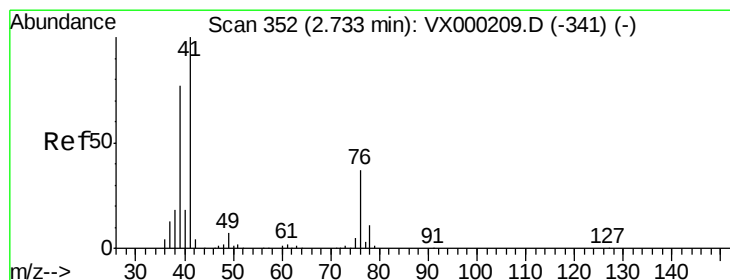
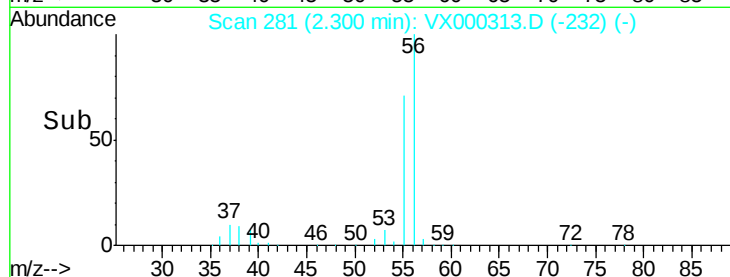
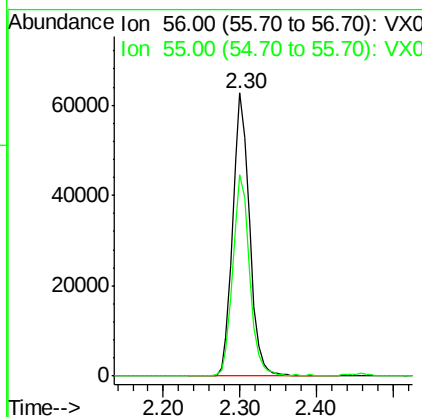
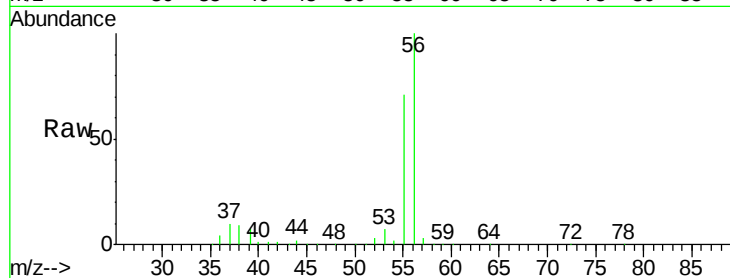
#13
Acrolein
Concen: 286.32 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	96100
Ion Ratio	100	Lower	Upper
55	70.9	59.2	88.8

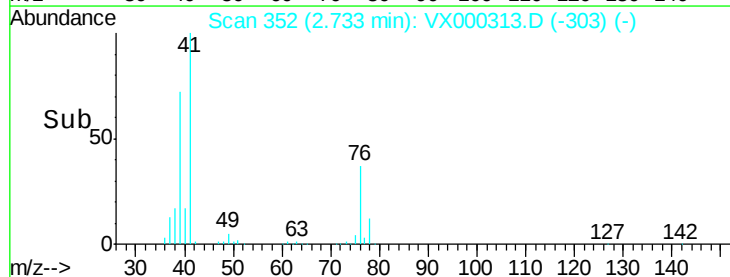
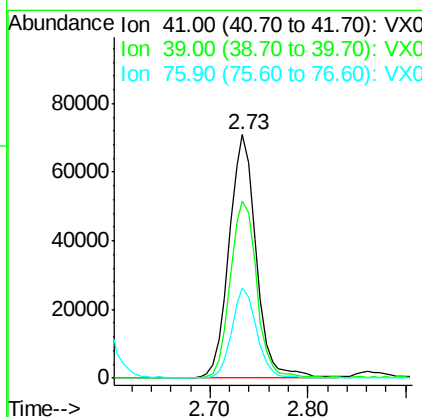
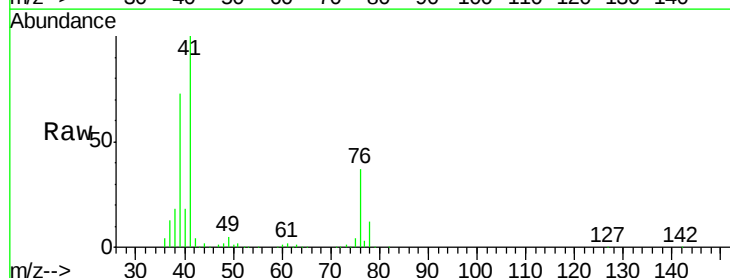
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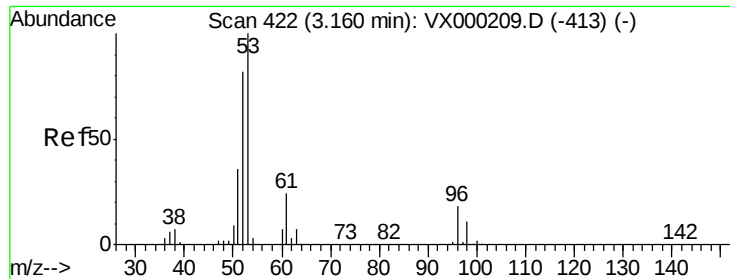
sam
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#14
Allyl chloride
Concen: 55.44 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	41	Resp	135371
Ion Ratio	100	Lower	Upper
39	70.6	57.0	85.6
76	33.9	26.8	40.2





#15

Acrylonitrile

Concen: 281.41 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

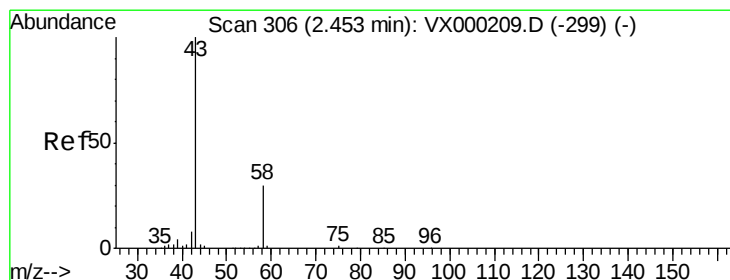
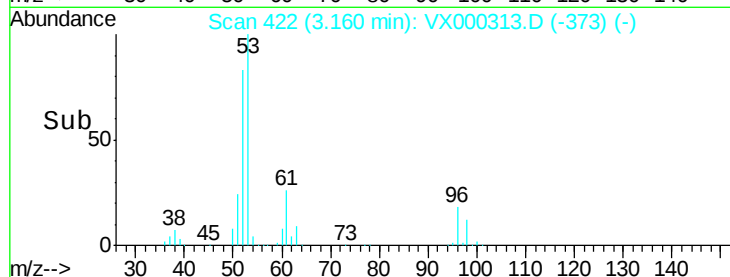
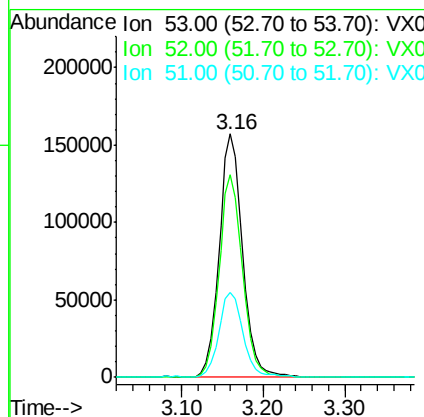
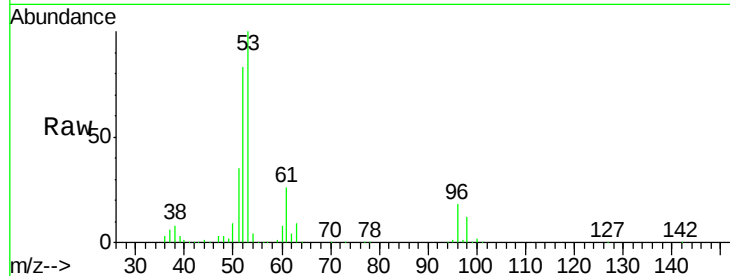
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	312647
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.3	99.5
51	36.7	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 235.29 ug/l

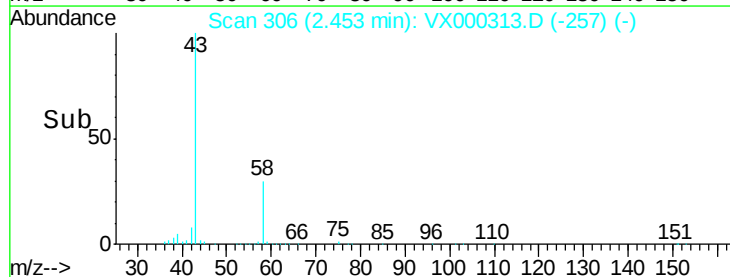
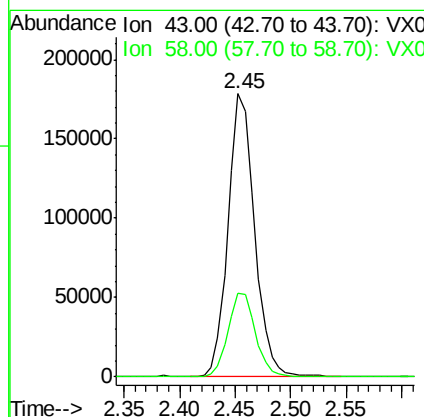
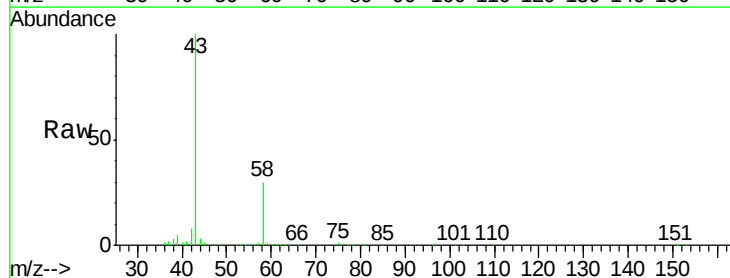
RT: 2.45 min Scan# 306

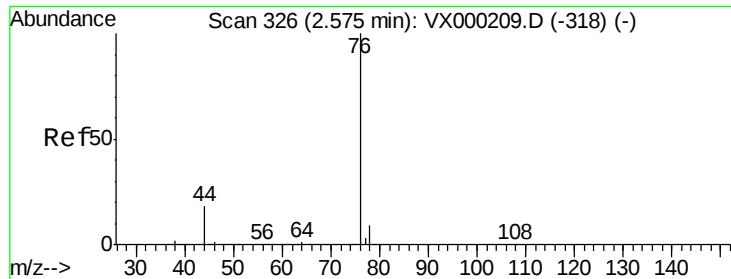
Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Tgt Ion:	43	Resp:	293585
Ion Ratio		Lower	Upper
43	100		
58	29.7	23.8	35.6





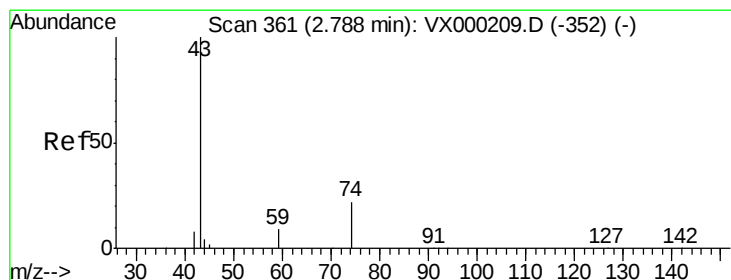
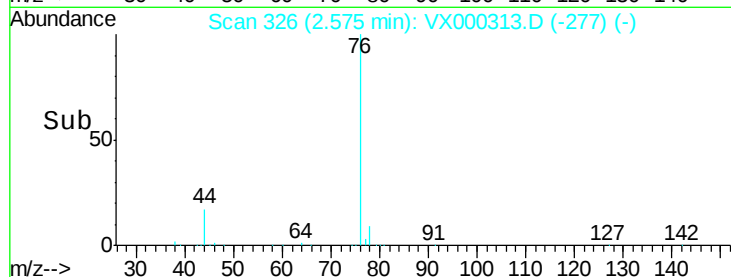
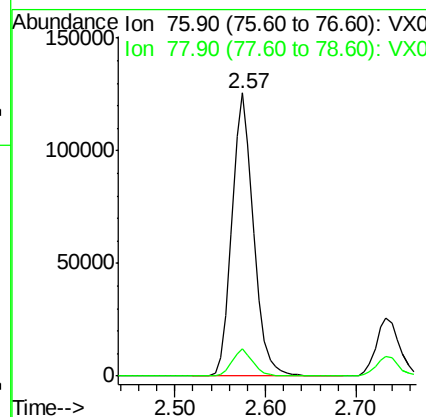
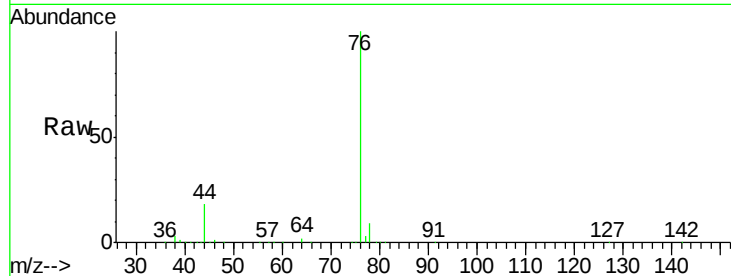
#17
Carbon Disulfide
Concen: 57.03 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

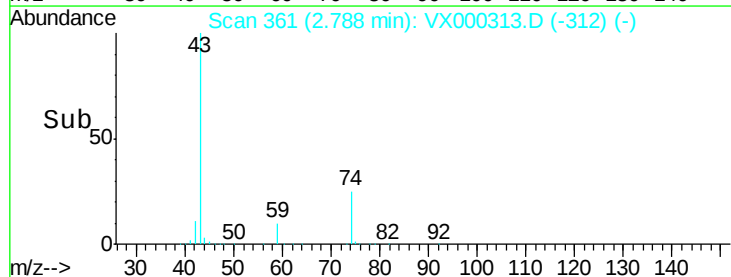
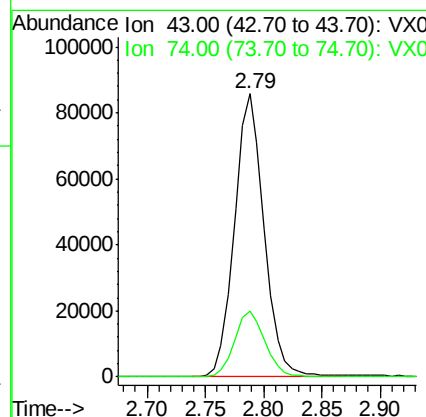
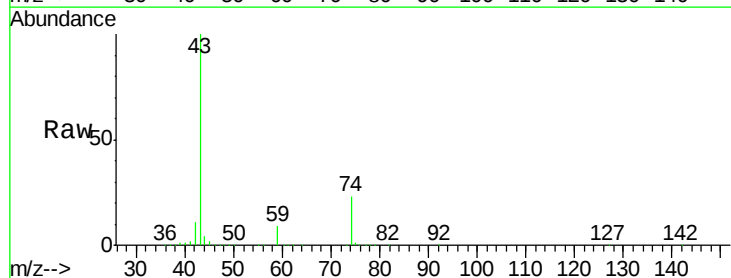
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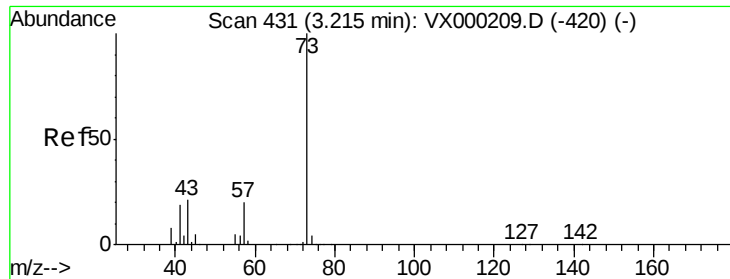
sam
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#18
Methyl Acetate
Concen: 56.71 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.9	28.3





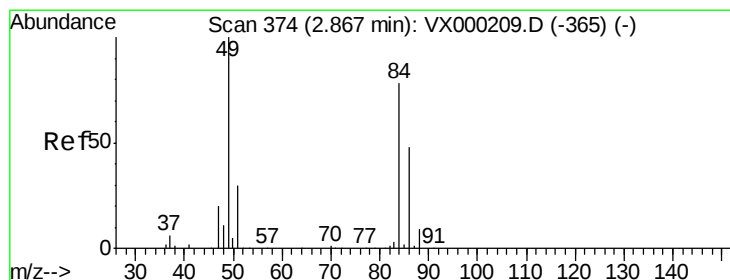
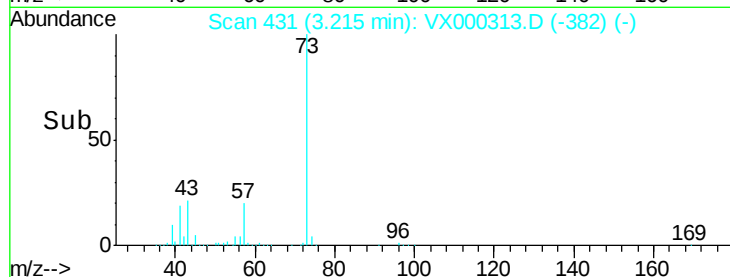
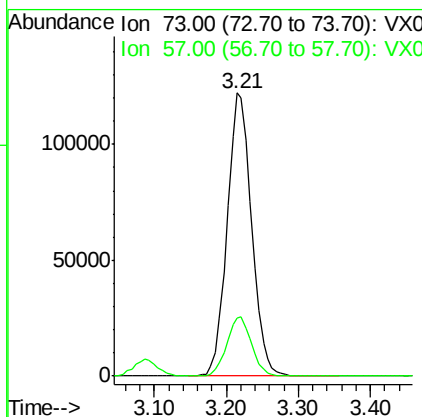
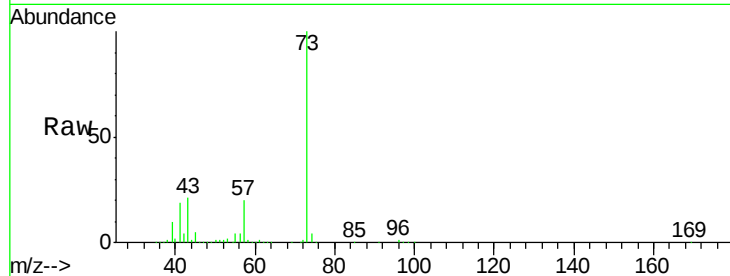
#19
Methvl tert-butvl Ether
Concen: 61.21 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.3	24.5

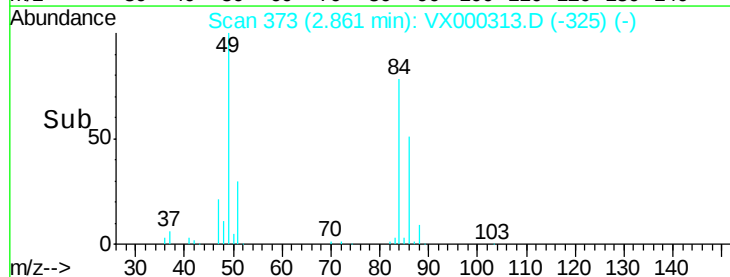
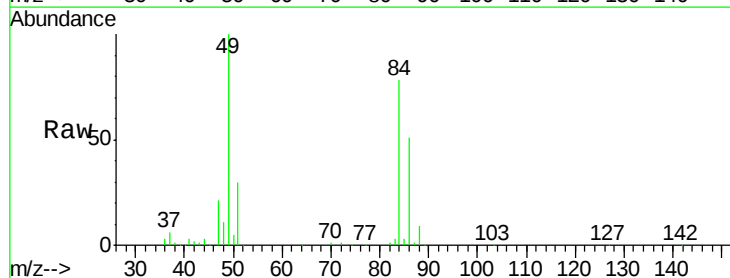
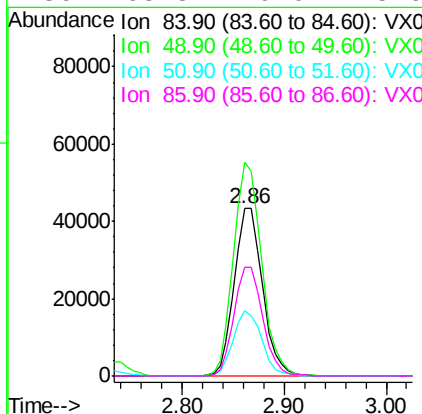
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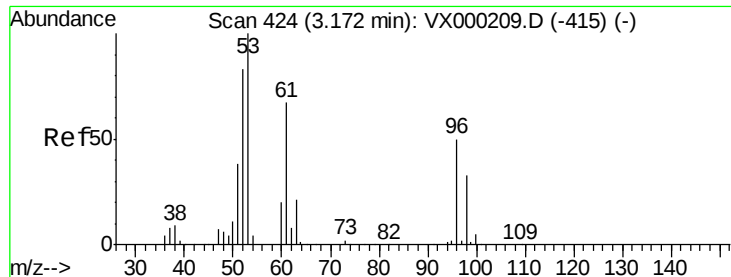
sam
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#20
Methylene Chloride
Concen: 55.93 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	102.1	153.1
51	38.7	30.6	45.8
86	65.3	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 55.88 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

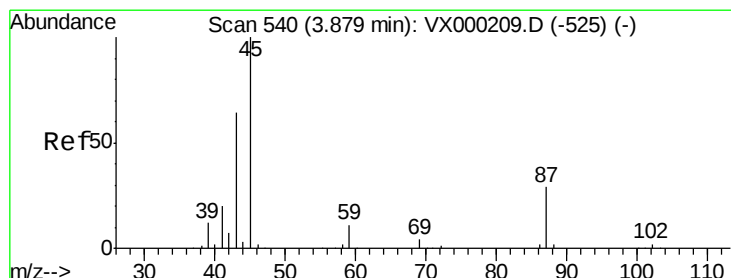
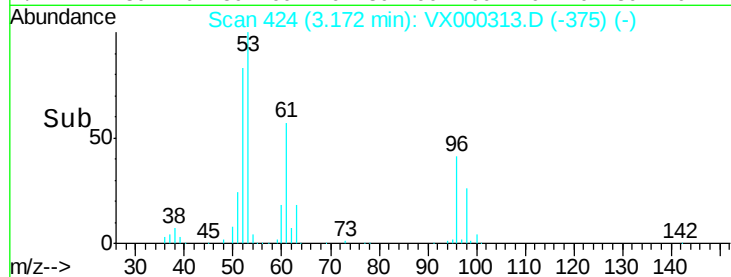
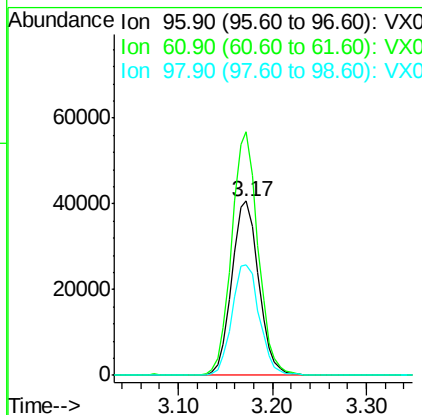
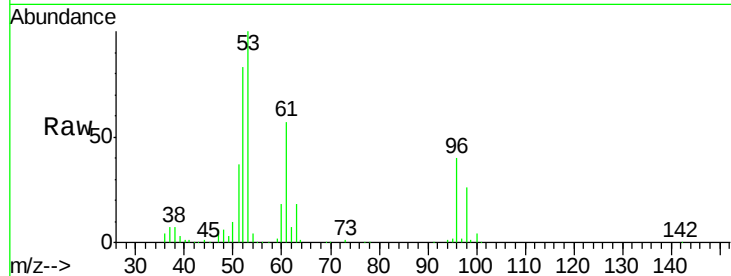
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	81235
Ion	Ratio	Lower	Upper
96	100		
61	139.7	107.0	160.4
98	63.2	51.8	77.8

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sam
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#22

Diisopropyl ether

Concen: 51.07 ug/l

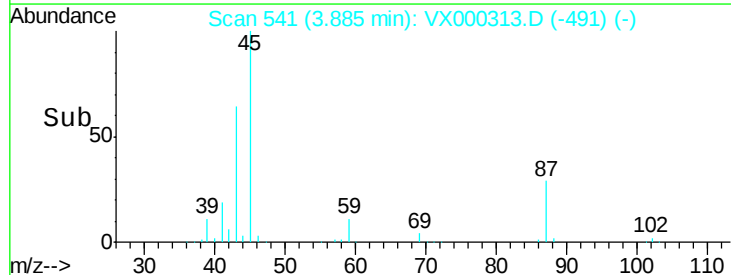
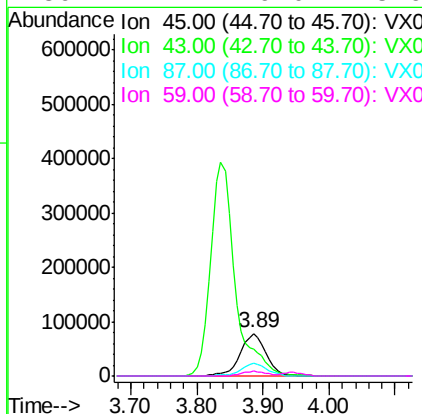
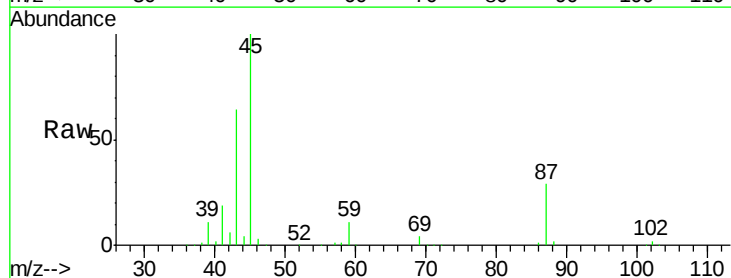
RT: 3.89 min Scan# 541

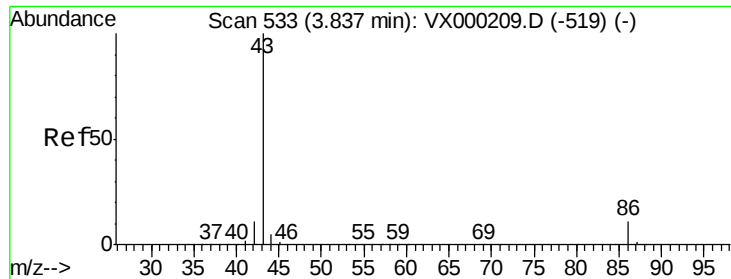
Delta R.T. 0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Tgt Ion:	45	Resp:	214144
Ion	Ratio	Lower	Upper
45	100		
43	63.2	53.5	80.3
87	29.1	23.3	34.9
59	11.4	9.0	13.6





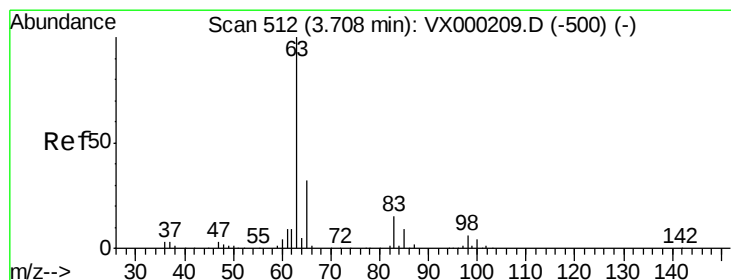
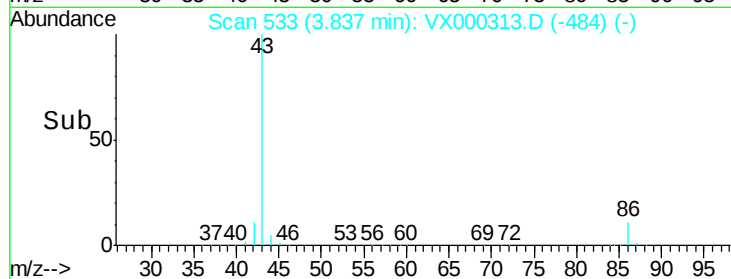
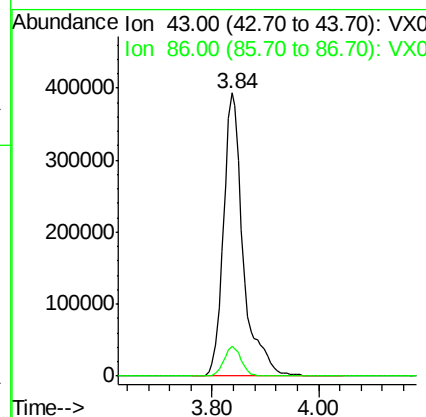
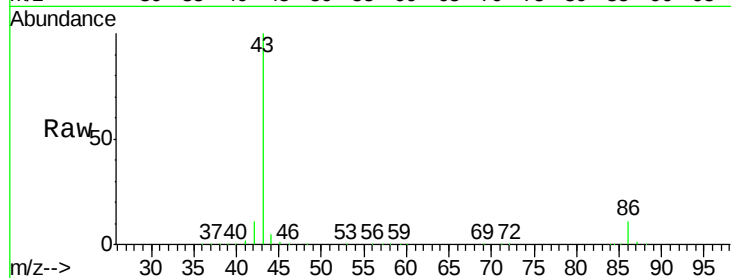
#23
 Vinyl Acetate
 Concen: 251.47 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1016278
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

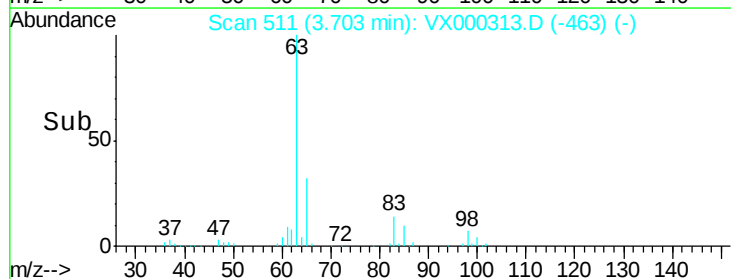
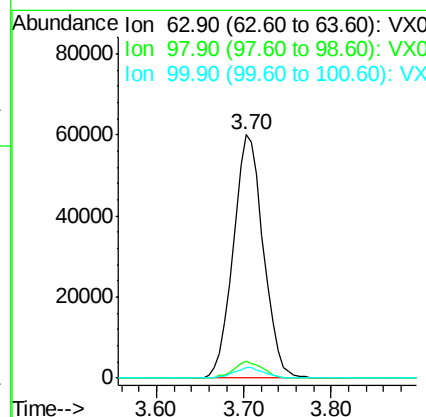
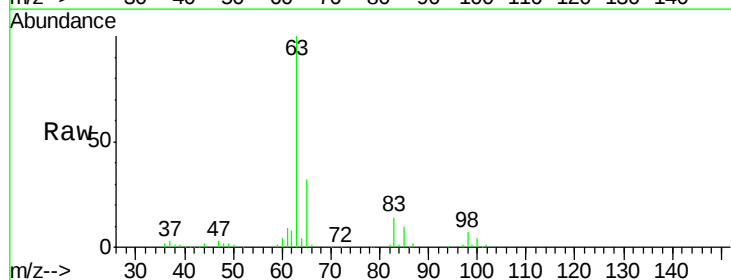
Manual Integrations
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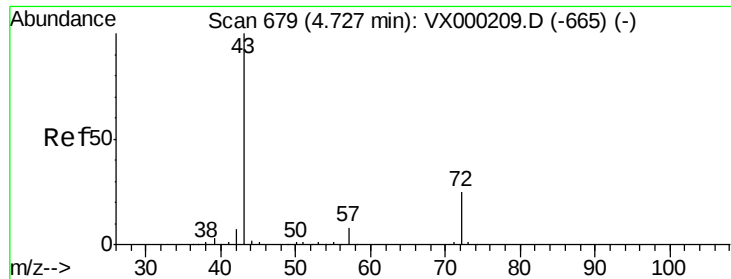
sam
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#24
 1,1-Dichloroethane
 Concen: 55.76 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion: 63 Resp: 143333
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 249.45 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 384104

Ion Ratio Lower Upper

43 100

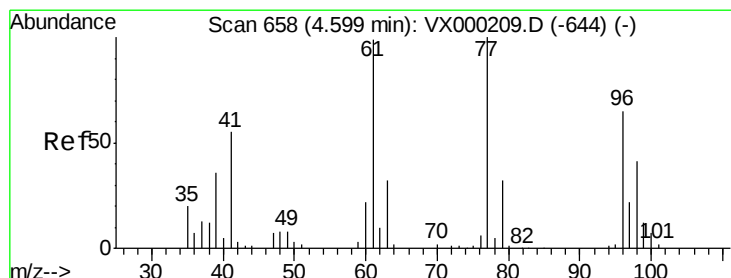
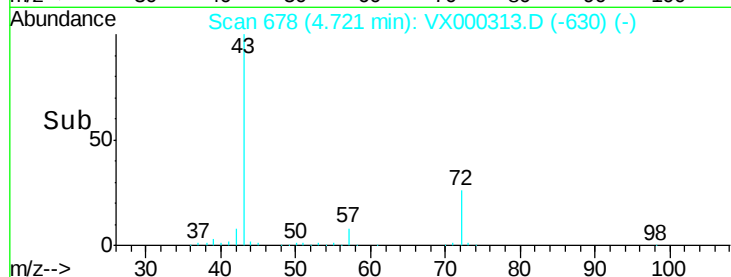
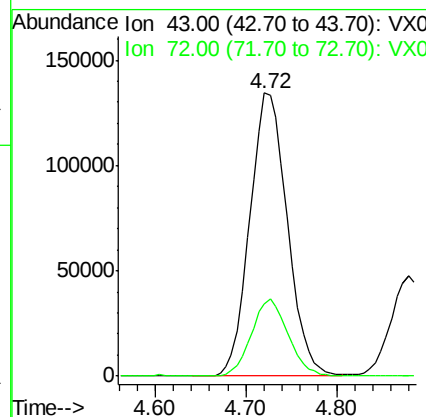
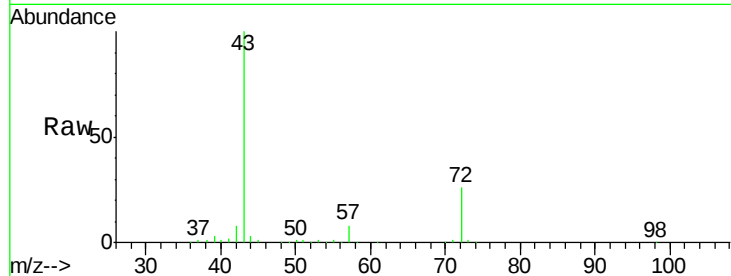
72 25.5 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.80 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000313.D

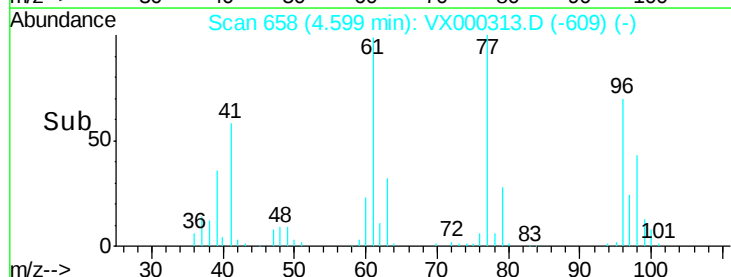
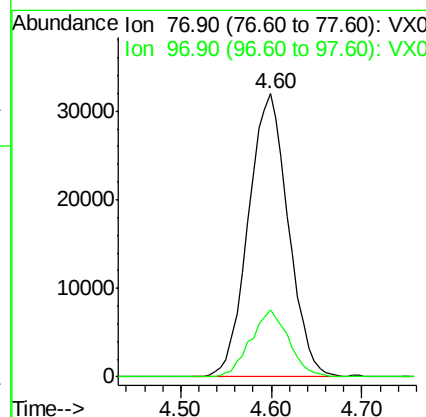
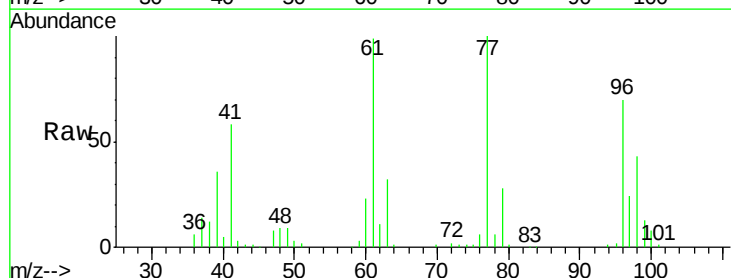
Acq: 13 Mar 2018 20:53

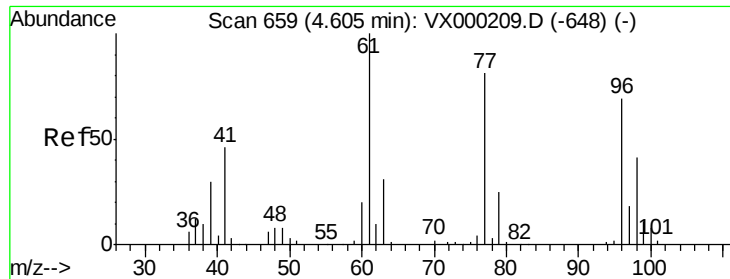
Tgt Ion: 77 Resp: 97331

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

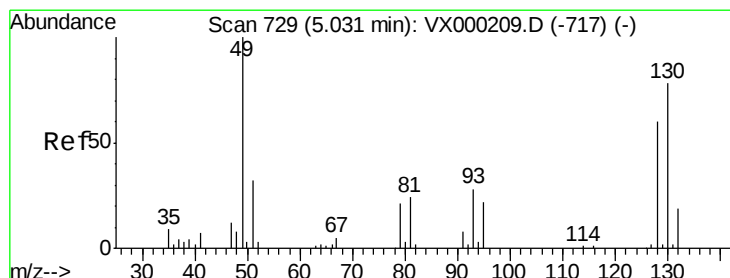
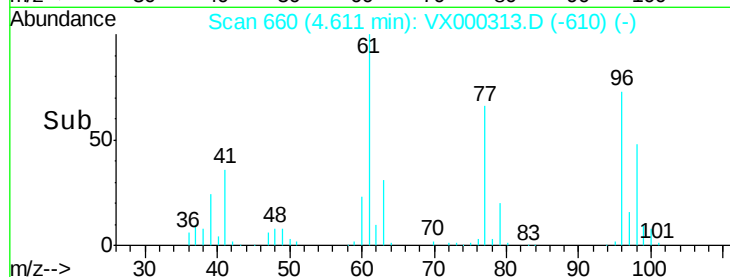
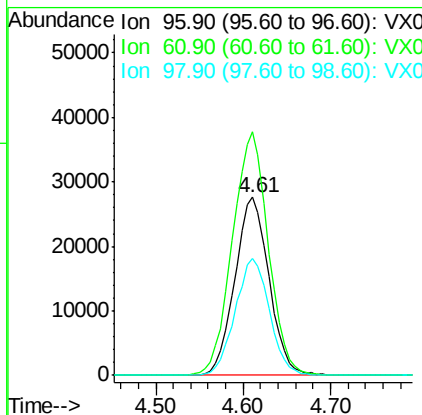
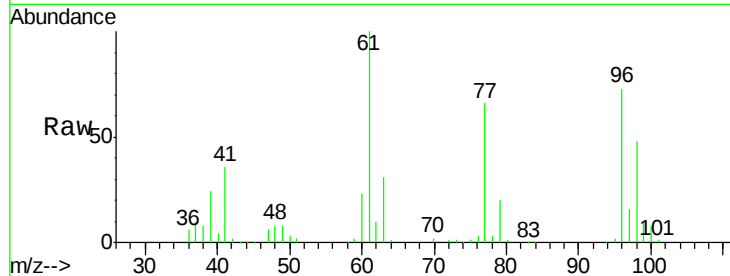
cis-1,2-Dichloroethene
Concen: 54.31 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	296.4
98	66.1	0.0	130.6

Manual Integrations
APPROVED

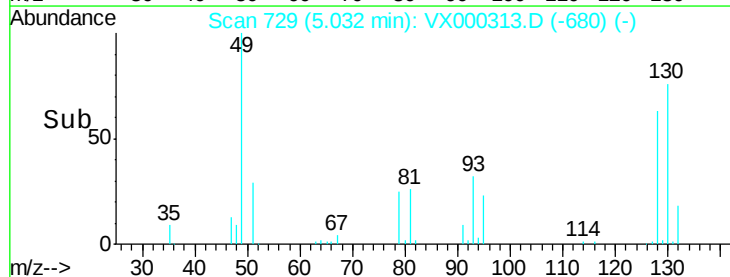
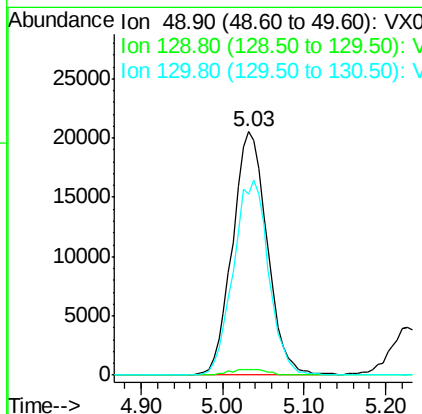
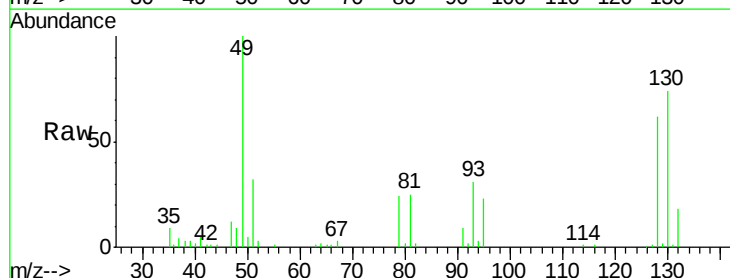
sam
3/14/2018 2:12:02 PM

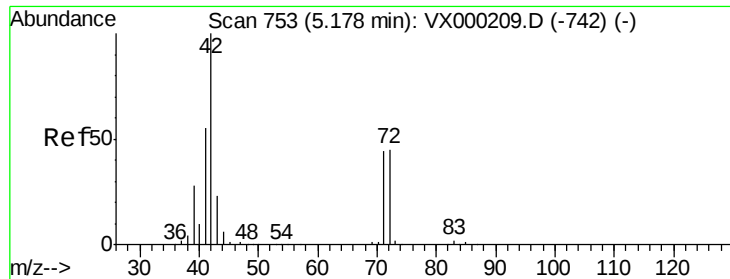


#28

Bromochloromethane
Concen: 55.48 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	81.2	63.5	95.3





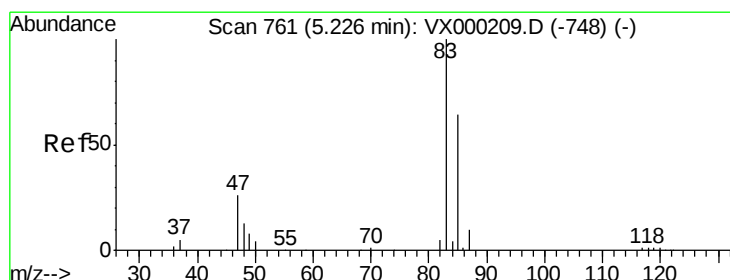
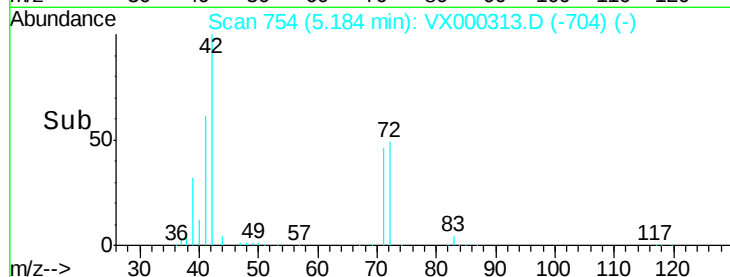
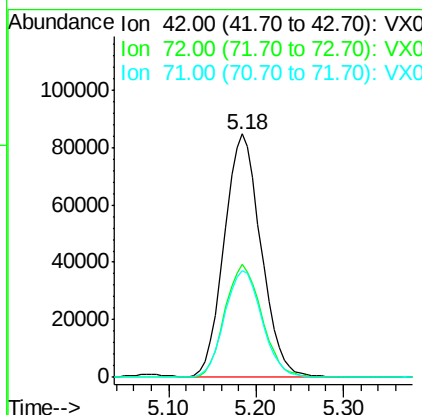
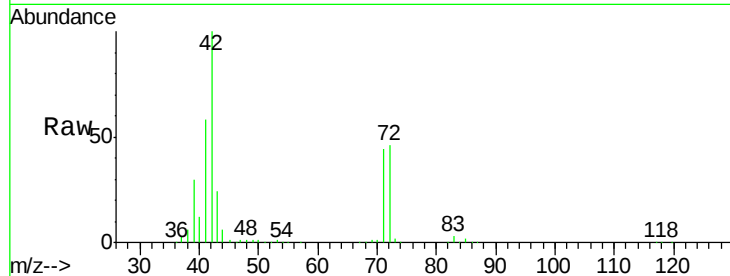
#29
Tetrahydrofuran
Concen: 254.76 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.3	55.9
71	45.0	35.0	52.4

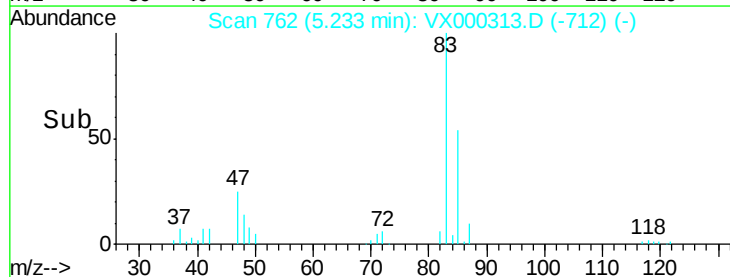
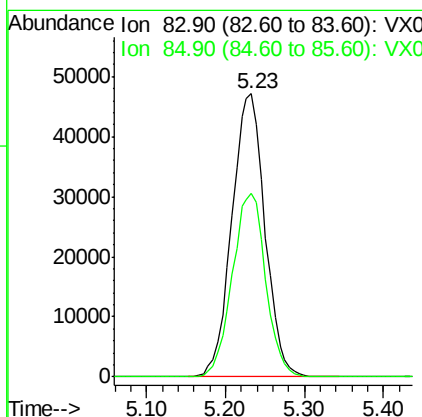
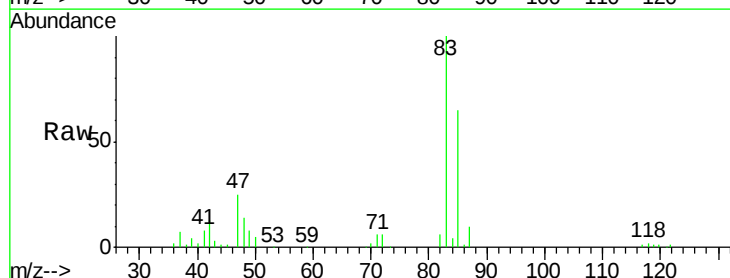
Manual Integrations
APPROVED

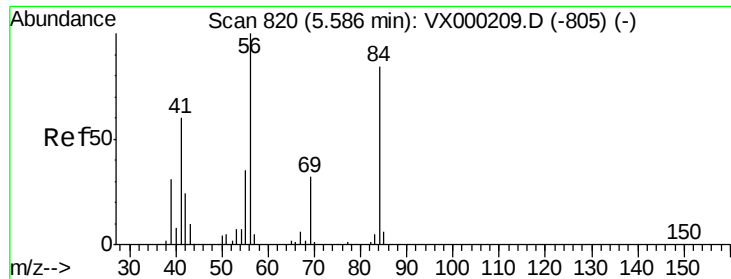
sam
3/14/2018 2:12:02 PM



#30
Chloroform
Concen: 55.20 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.0	76.6





#31

Cyclohexane

Concen: 52.28 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

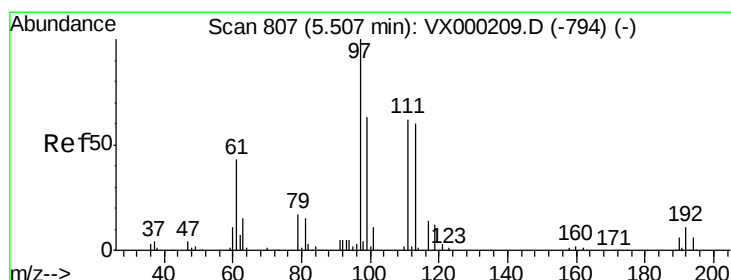
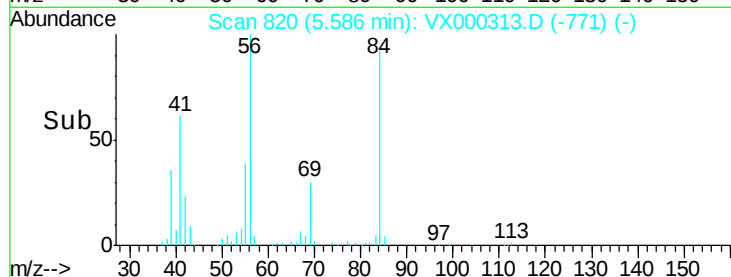
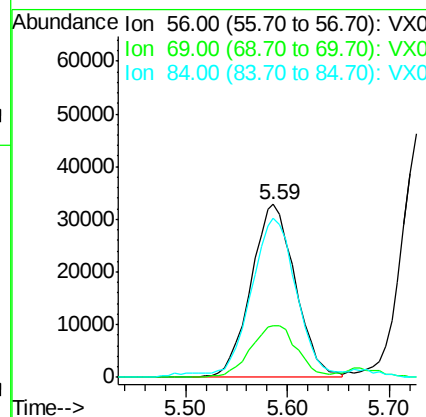
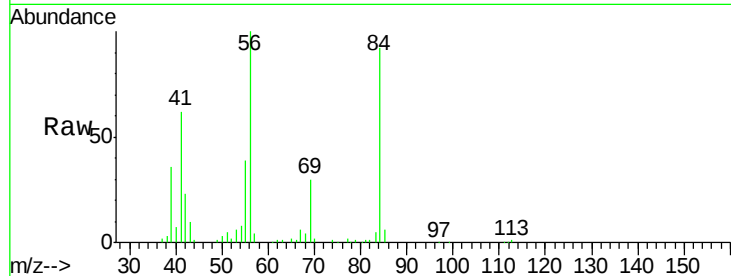
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	99393
Ion Ratio	Lower	Upper	
56	100		
69	29.6	25.3	37.9
84	90.0	67.2	100.8

Manual Integrations
APPROVED

sam
3/14/2018 2:12:02 PM



#32

1,1,1-Trichloroethane

Concen: 57.69 ug/l

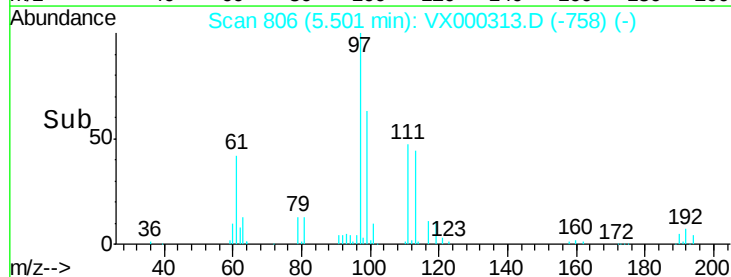
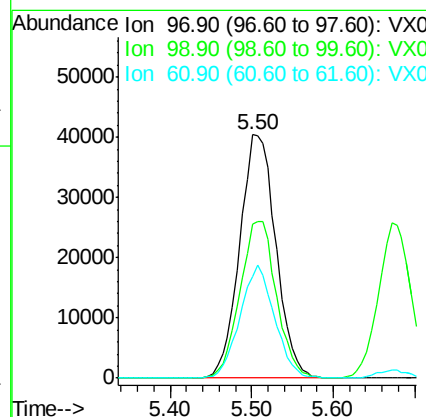
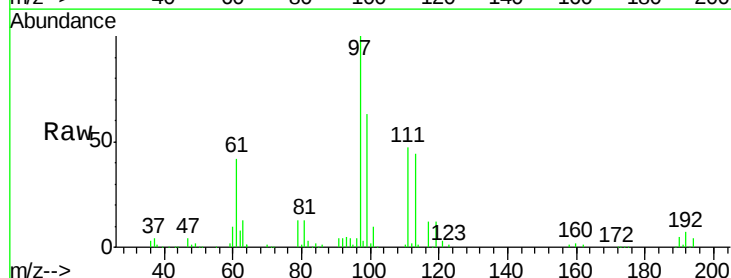
RT: 5.50 min Scan# 806

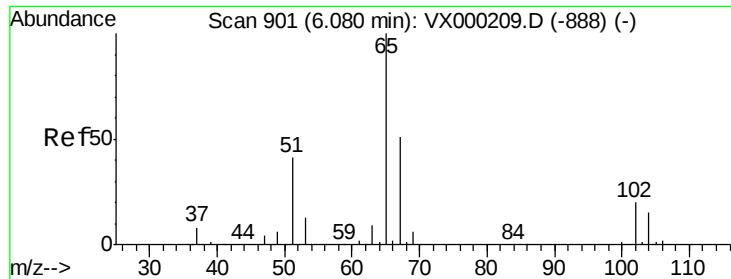
Delta R.T. -0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Tgt Ion:	97	Resp:	124329
Ion Ratio	Lower	Upper	
97	100		
99	64.7	50.9	76.3
61	44.2	35.4	53.0





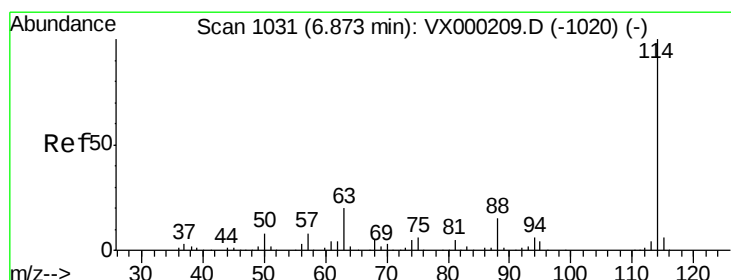
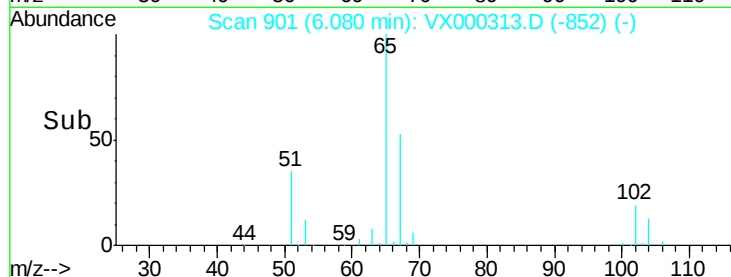
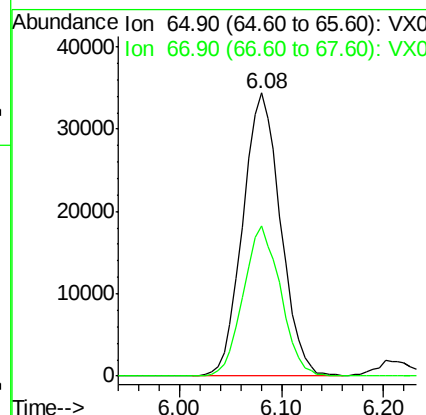
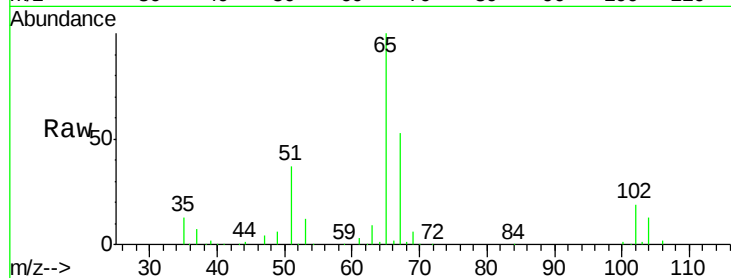
#33
 1,2-Dichloroethane-d4
 Concen: 51.08 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.4

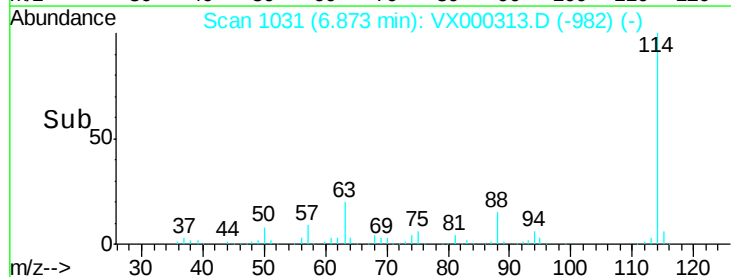
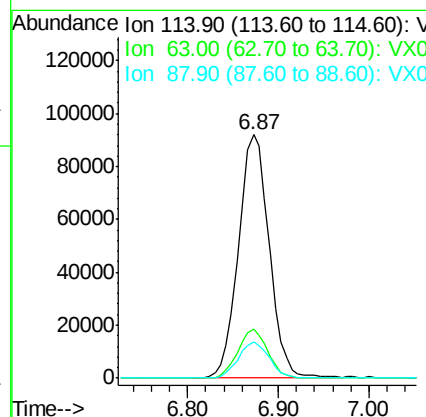
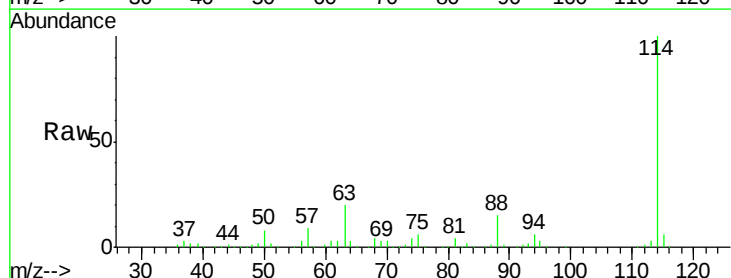
Manual Integrations
 APPROVED

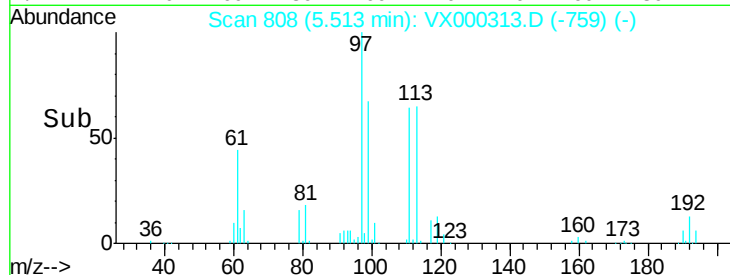
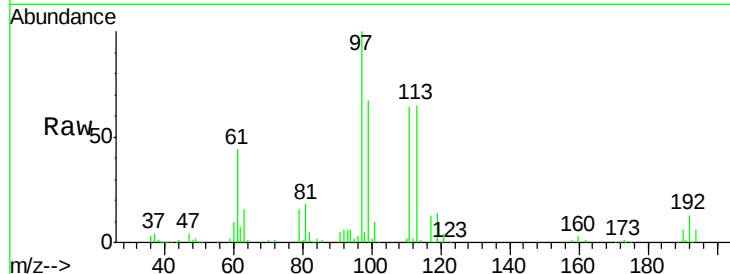
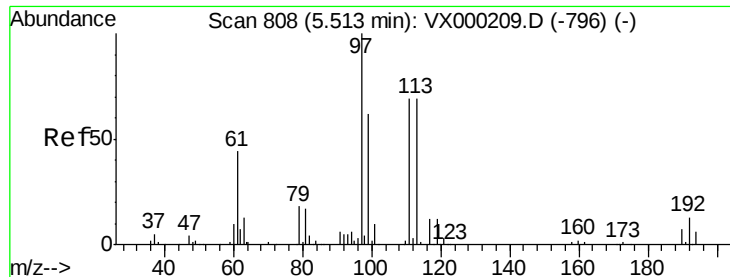
sam
 3/14/2018 2:12:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.2
88	14.9	0.0	29.8





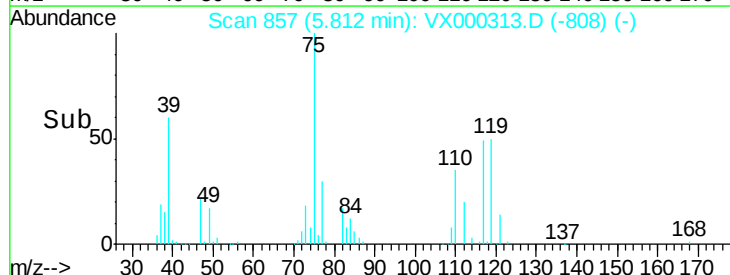
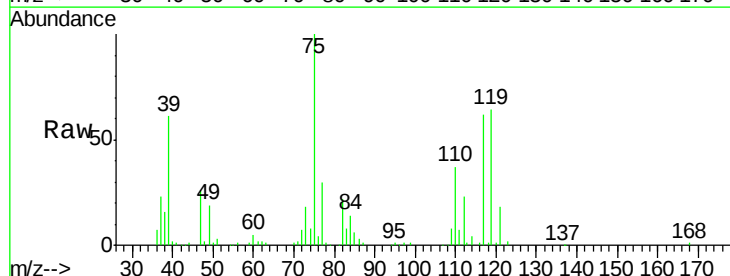
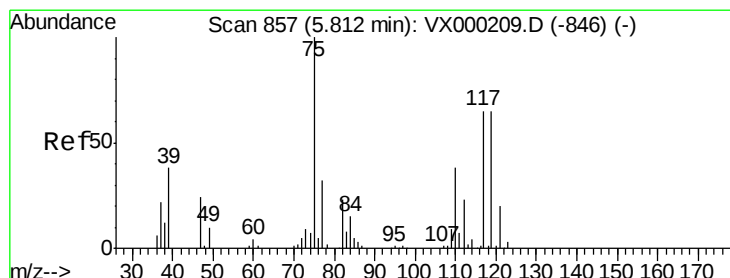
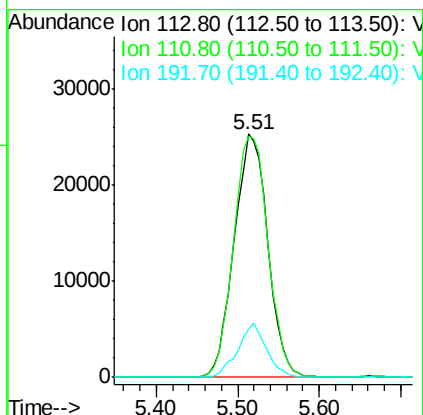
#35
Dibromofluoromethane
Concen: 53.26 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	19.0	15.5	23.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

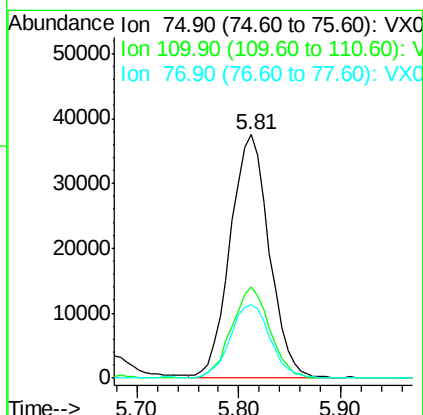
Manual Integrations
APPROVED

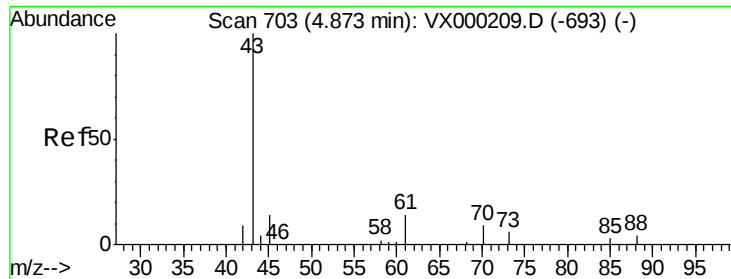
sam
3/14/2018 2:12:02 PM



#36
1,1-Dichloropropene
Concen: 51.34 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.8	53.5
77	30.8	24.9	37.3





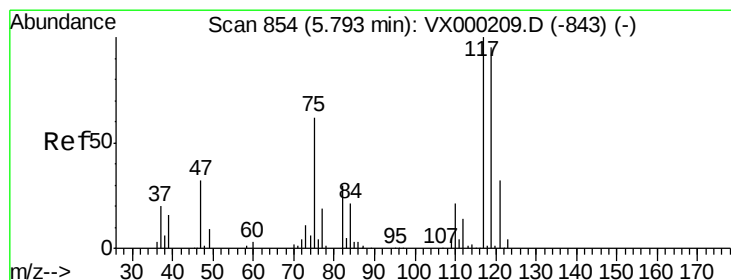
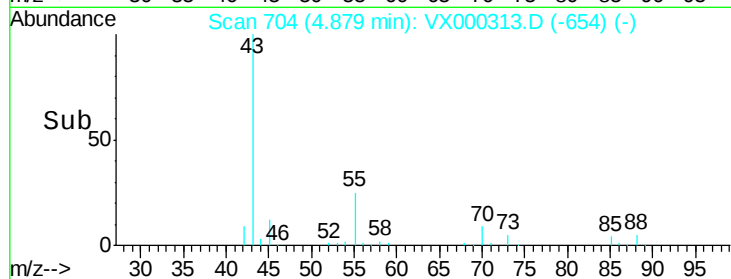
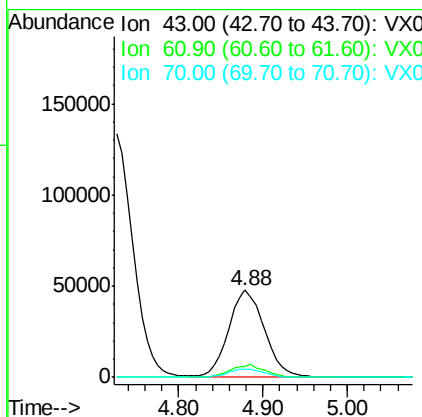
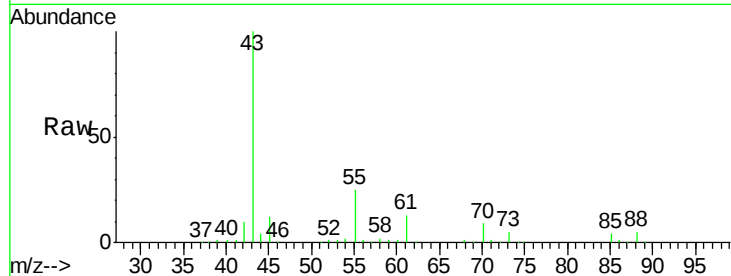
#37
Ethyl Acetate
Concen: 49.31 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	9.7	7.8	11.6

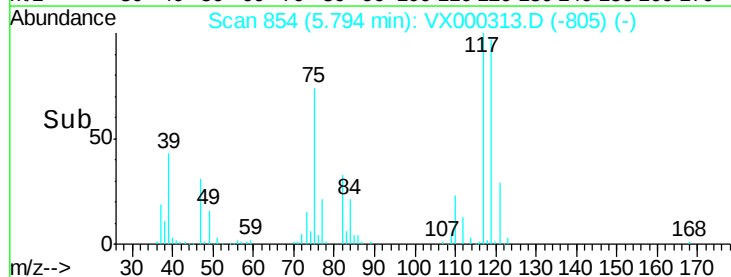
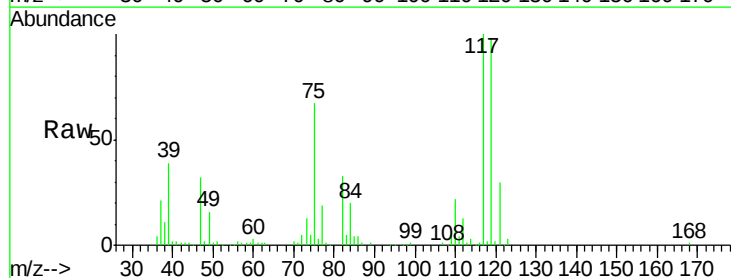
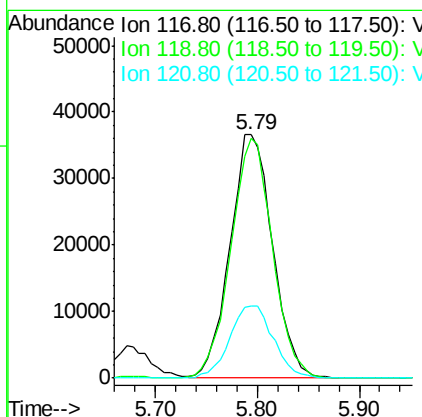
Manual Integrations
APPROVED

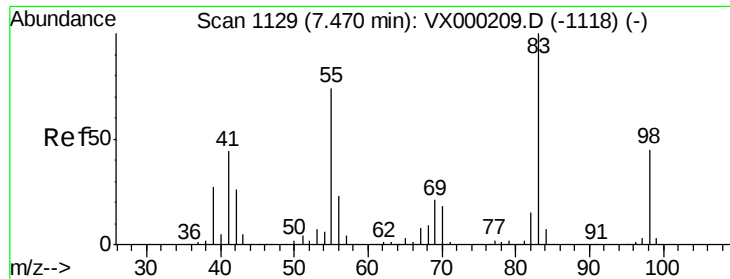
sam
3/14/2018 2:12:02 PM



#38
Carbon Tetrachloride
Concen: 54.43 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.9	113.9
121	29.5	25.8	38.6





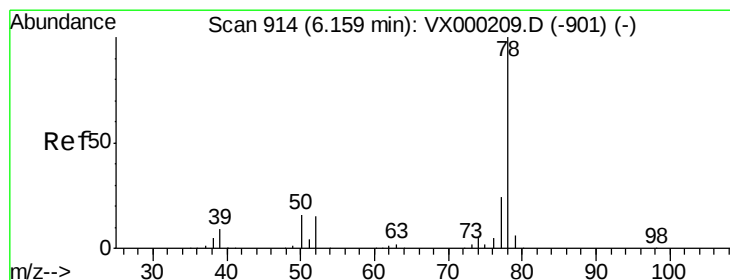
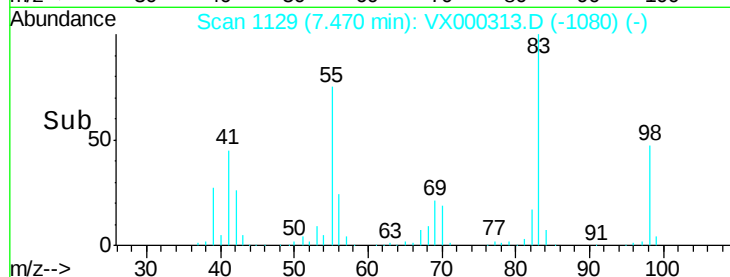
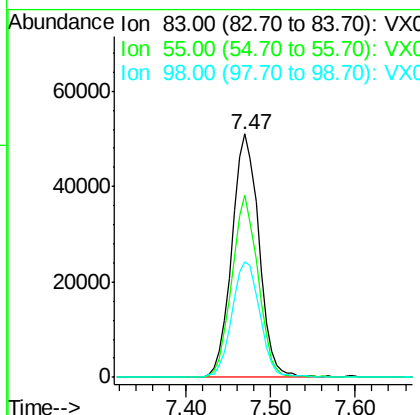
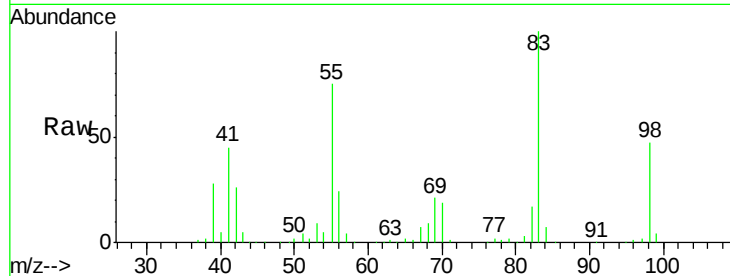
#39
Methvlcvclohexane
Concen: 46.86 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	110760
Ion Ratio	100	Lower	Upper
83	100		
55	74.8	59.4	89.0
98	47.4	36.3	54.5

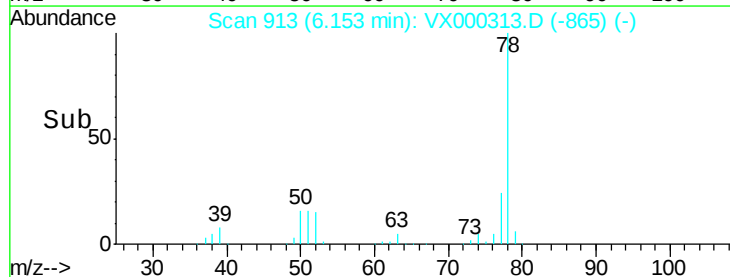
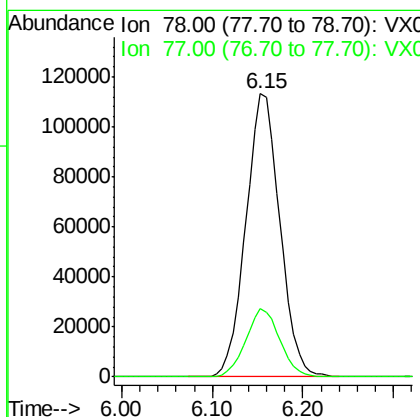
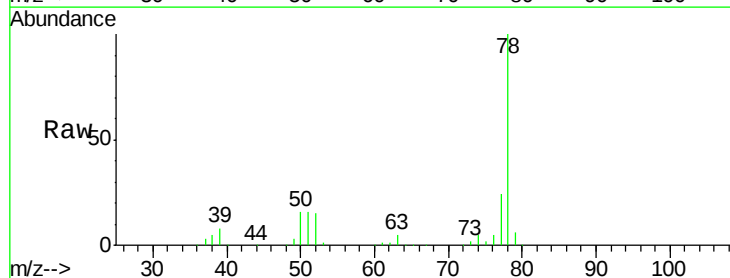
Manual Integrations
APPROVED

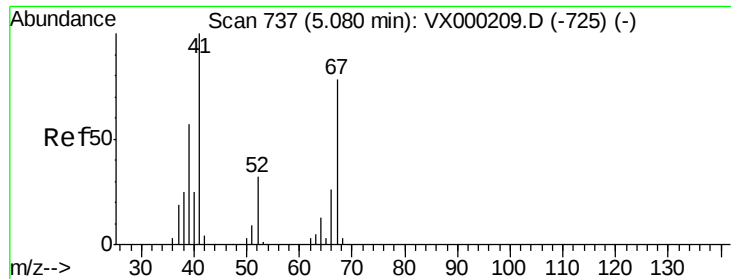
sam
3/14/2018 2:12:02 PM



#40
Benzene
Concen: 52.84 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	78	Resp	293595
Ion Ratio	100	Lower	Upper
78	100		
77	24.1	19.4	29.2





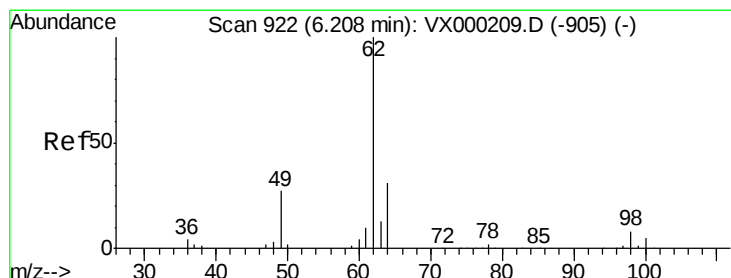
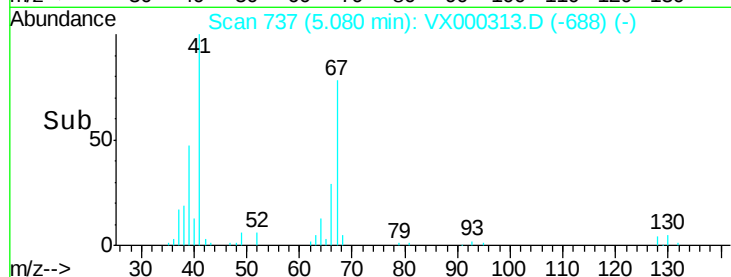
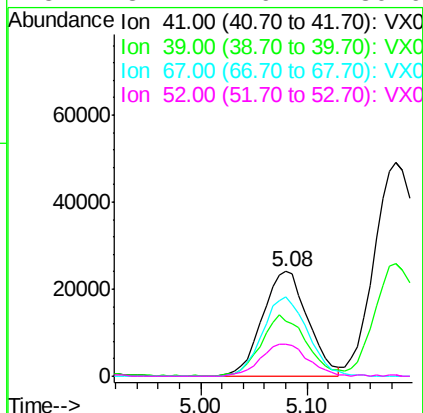
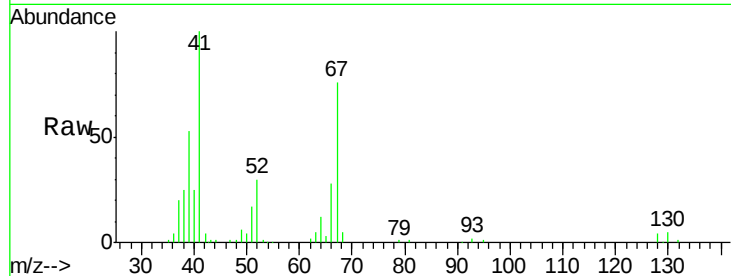
#41
Methacrylonitrile
Concen: 50.33 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	71422
Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.8	71.6
67	75.1	59.3	88.9
52	32.2	26.4	39.6

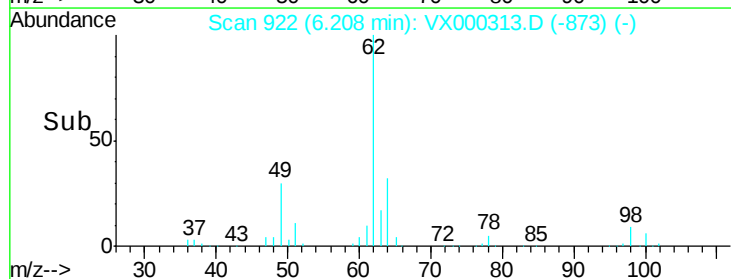
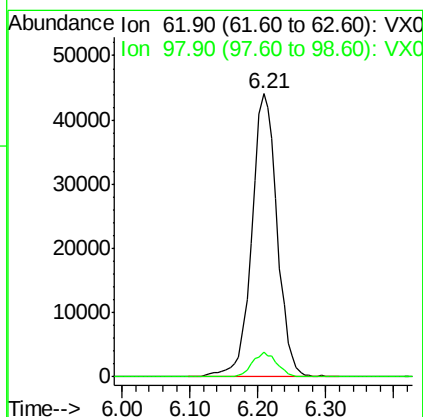
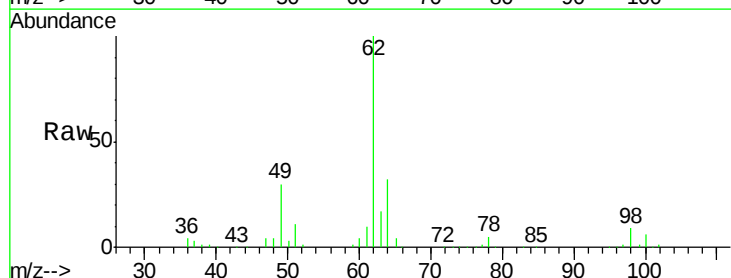
Manual Integrations
APPROVED

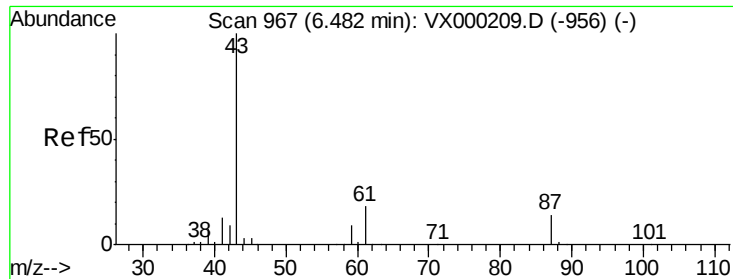
sam
3/14/2018 2:12:02 PM



#42
1,2-Dichloroethane
Concen: 52.60 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion:	62	Resp:	114626
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2





#43

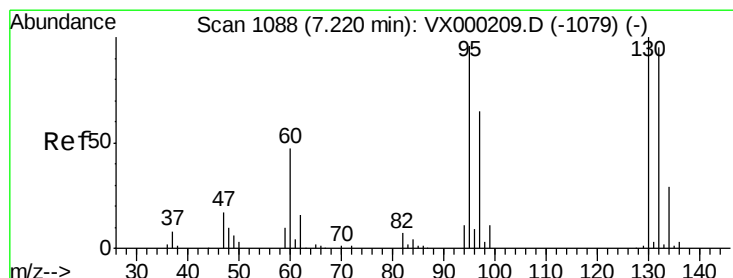
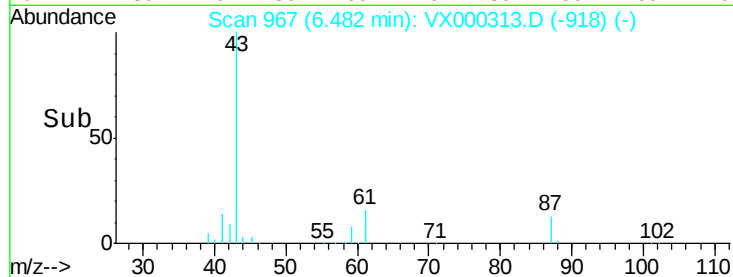
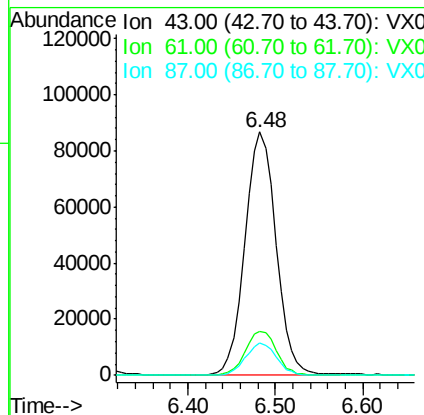
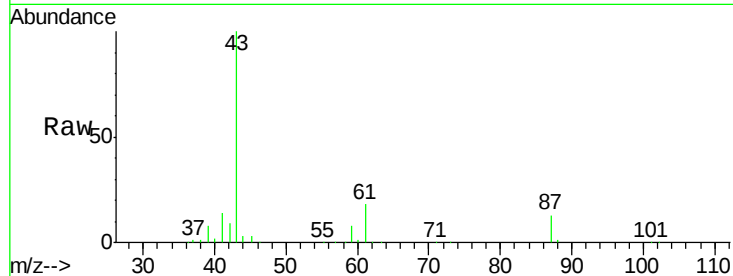
Isopropyl Acetate
 Concen: 53.60 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.8	22.2
87	13.2	10.6	16.0

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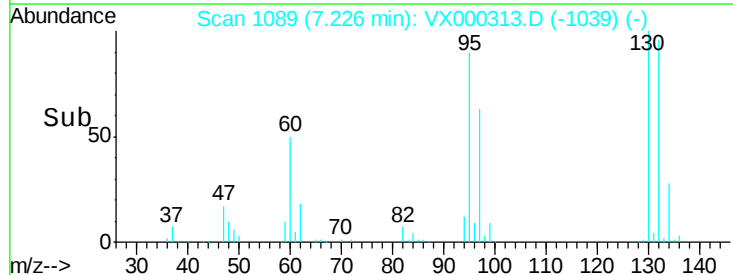
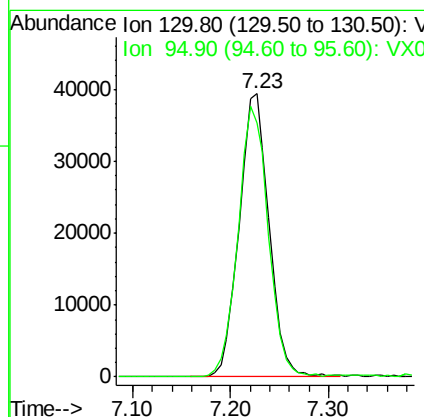
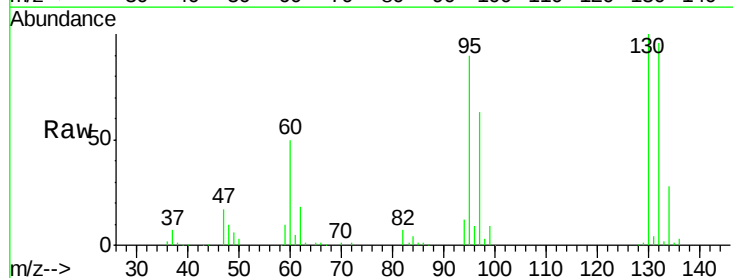
sam
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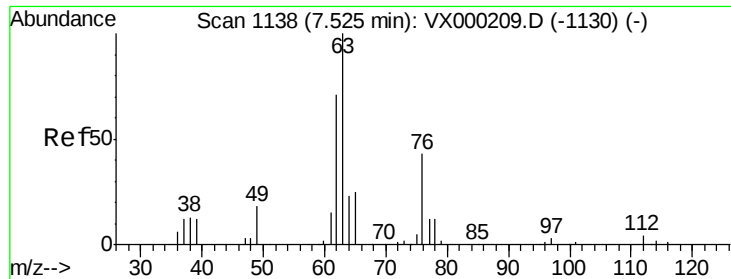


#44

Trichloroethene
 Concen: 52.45 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	191.8





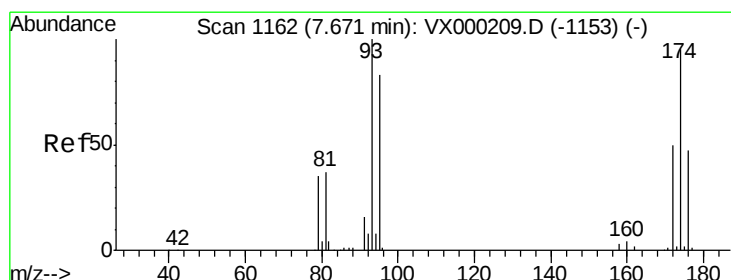
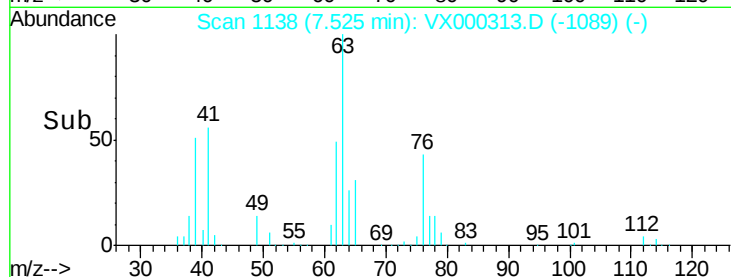
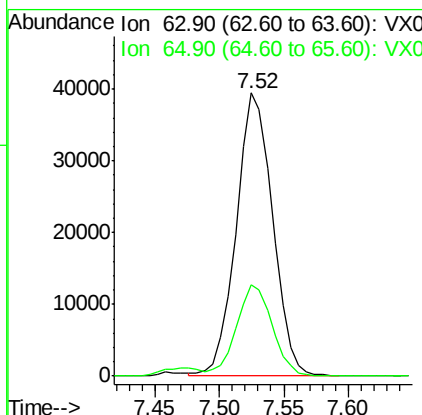
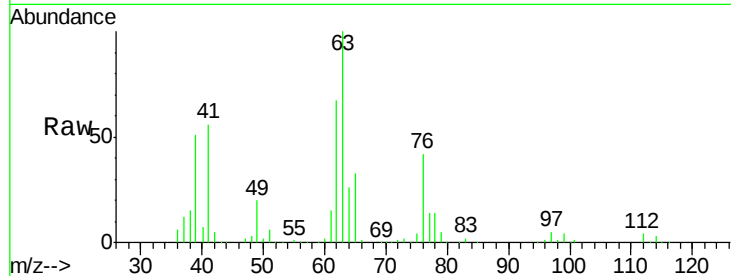
#45
1,2-Dichloropropane
Concen: 54.86 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 63 Resp: 77201
Ion Ratio Lower Upper
63 100
65 32.6 22.3 33.5

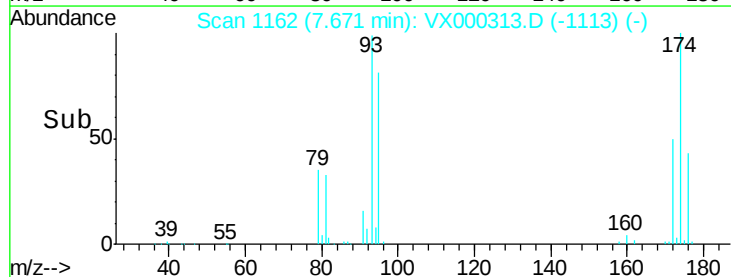
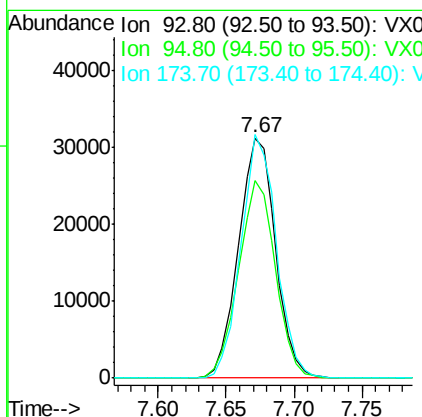
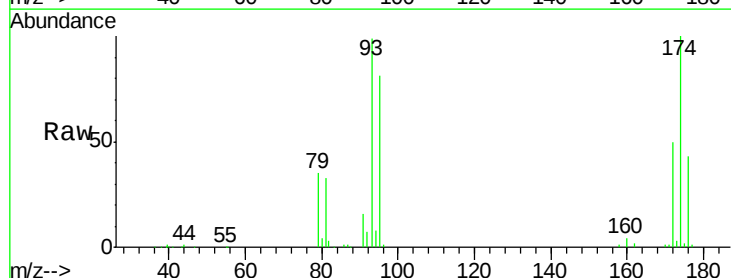
Manual Integrations
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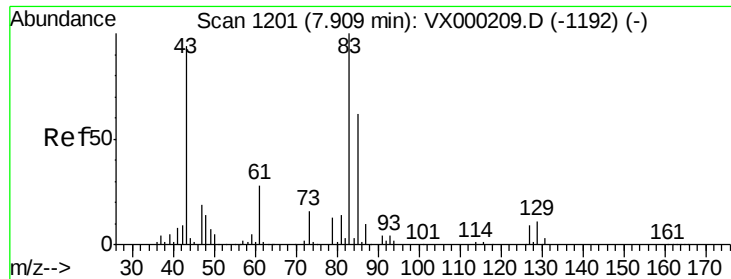
sam
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#46
Dibromomethane
Concen: 53.28 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion: 93 Resp: 59322
Ion Ratio Lower Upper
93 100
95 82.4 64.1 96.1
174 97.4 75.8 113.8





#47

Bromodichloromethane

Concen: 57.72 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

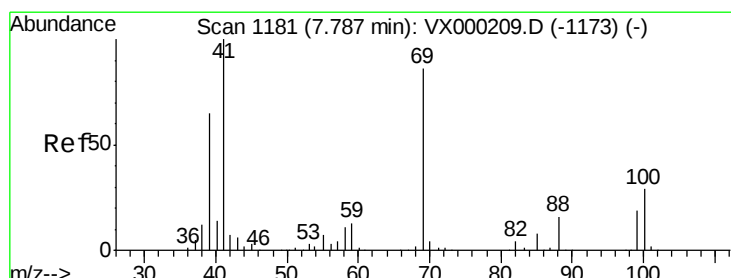
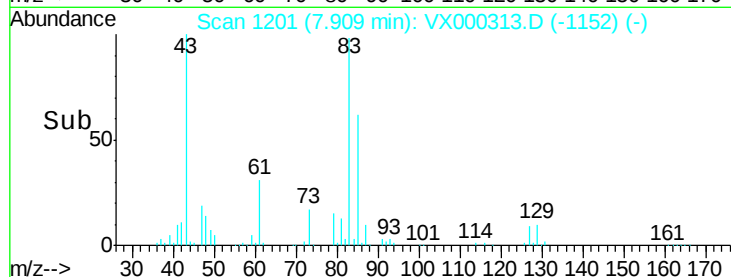
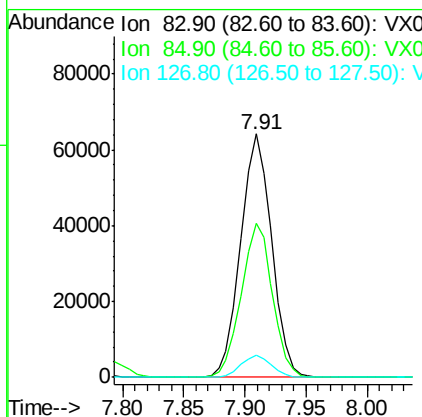
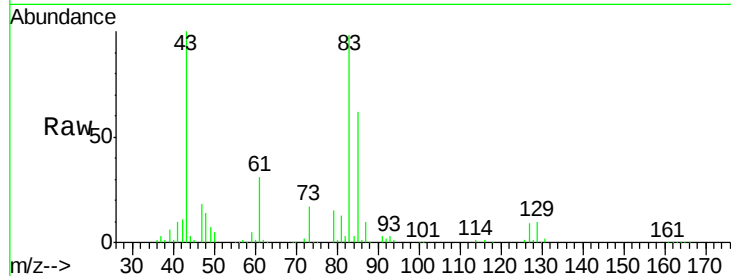
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	113041
Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.6	74.4
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.81 ug/l

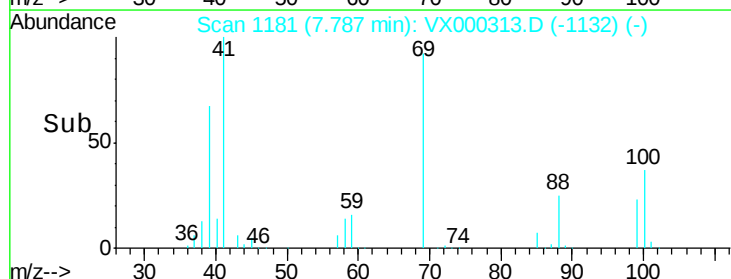
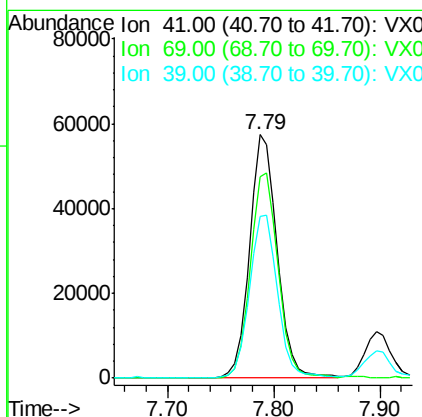
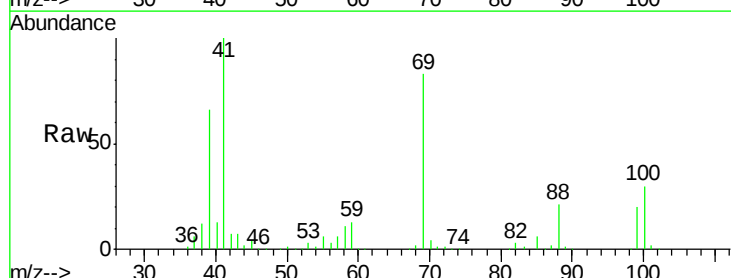
RT: 7.79 min Scan# 1181

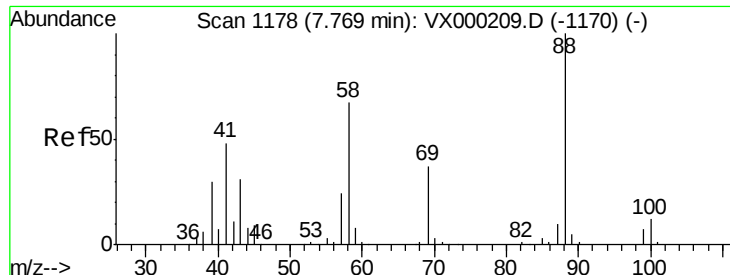
Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Tgt Ion:	41	Resp:	104699
Ion	Ratio	Lower	Upper
41	100		
69	84.8	70.0	105.0
39	67.1	53.6	80.4





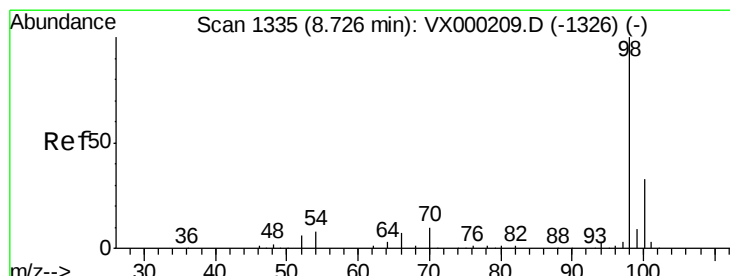
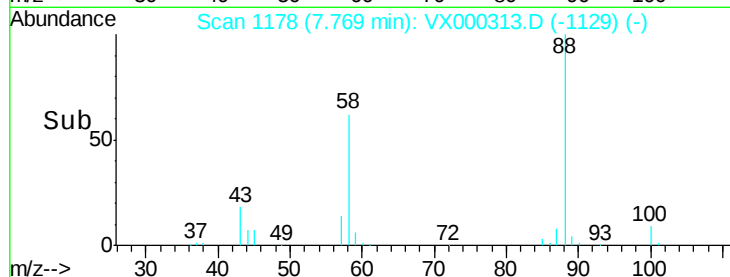
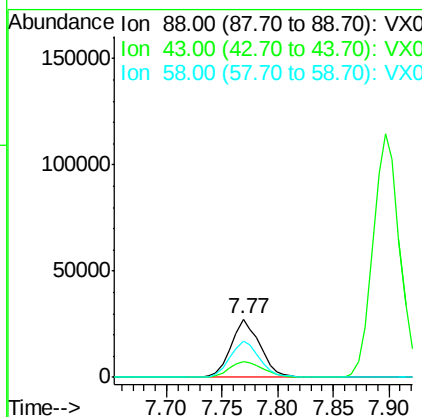
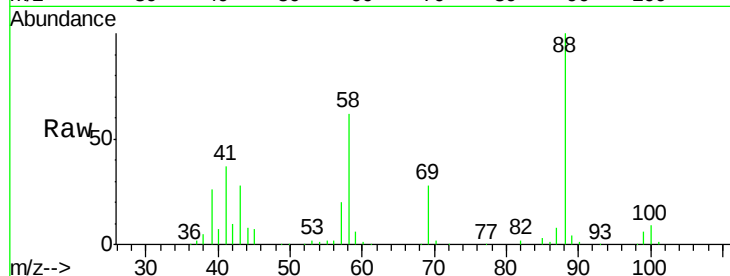
#49
1,4-Dioxane
Concen: 1088.59 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.9	40.3
58	63.7	52.2	78.4

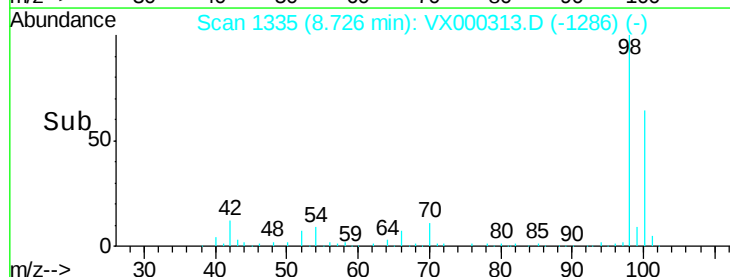
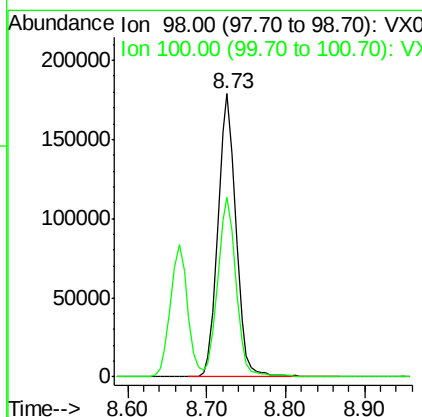
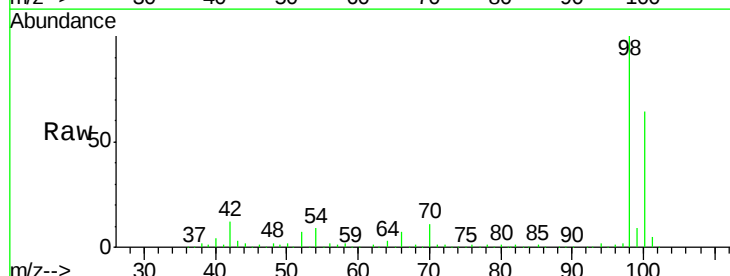
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#50
Toluene-d8
Concen: 50.92 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 269.32 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 818222

Ion Ratio Lower Upper

43 100

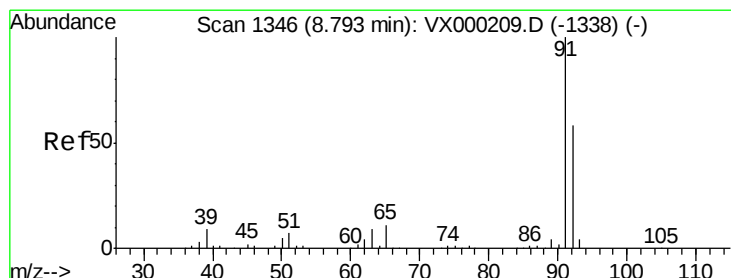
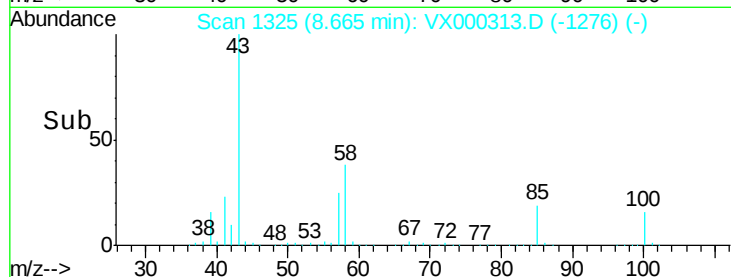
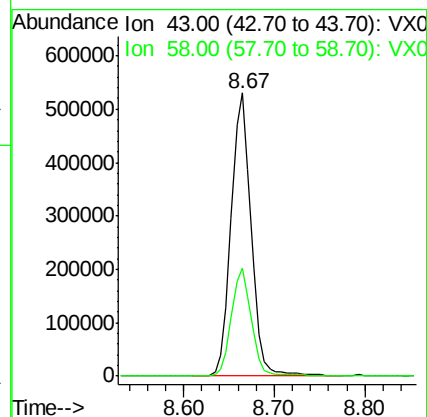
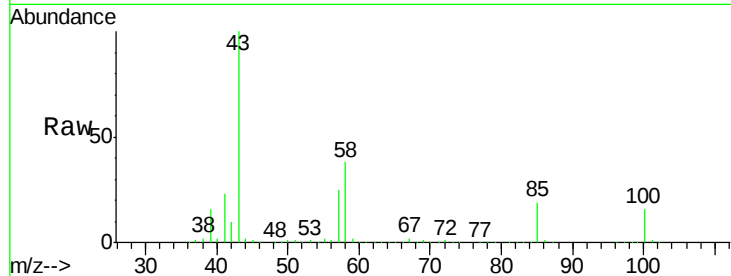
58 38.1 30.2 45.2

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#52

Toluene

Concen: 54.35 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000313.D

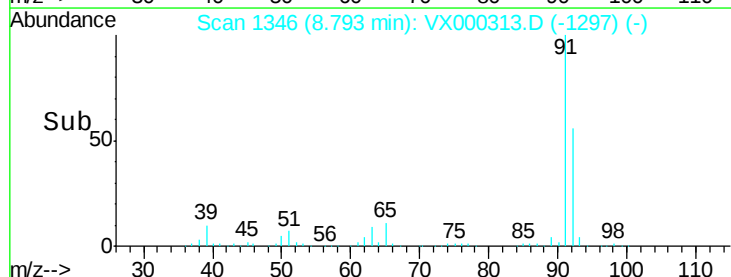
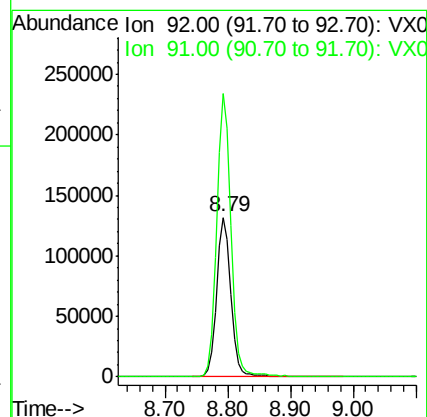
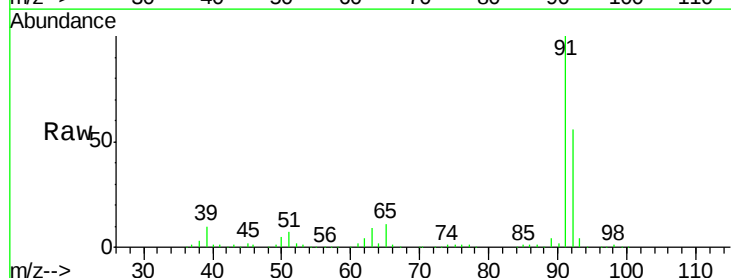
Acq: 13 Mar 2018 20:53

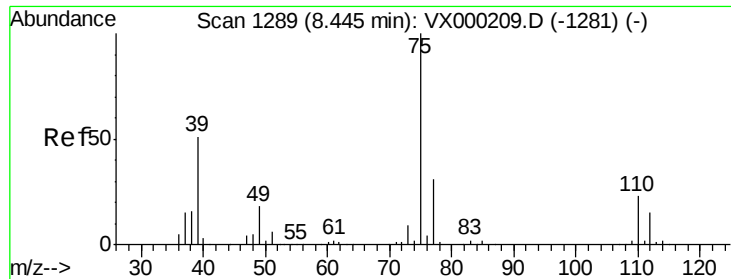
Tgt Ion: 92 Resp: 206951

Ion Ratio Lower Upper

92 100

91 177.6 139.0 208.6





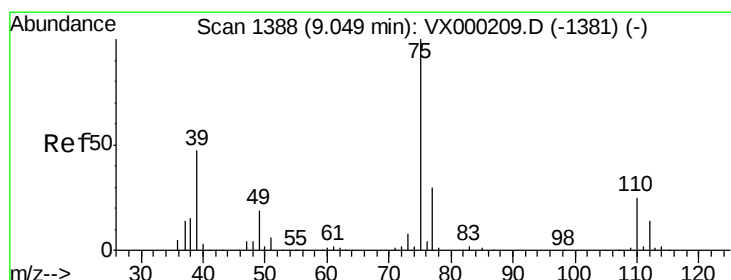
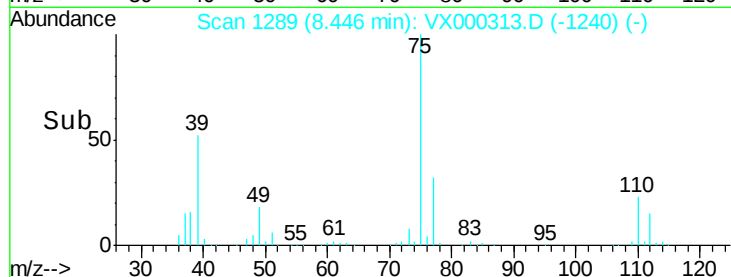
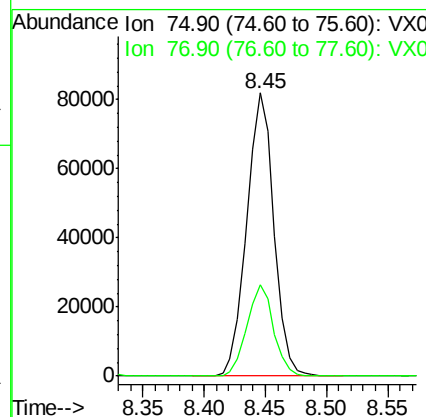
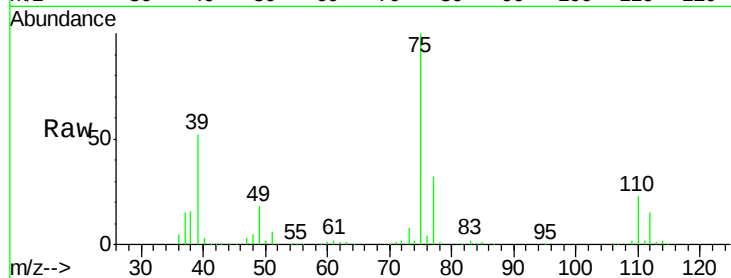
#53
t-1,3-Dichloropropene
Concen: 54.77 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 126404
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2

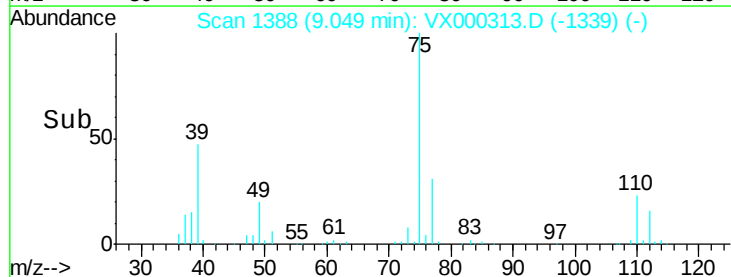
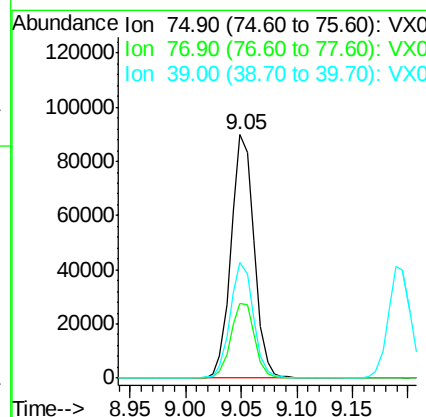
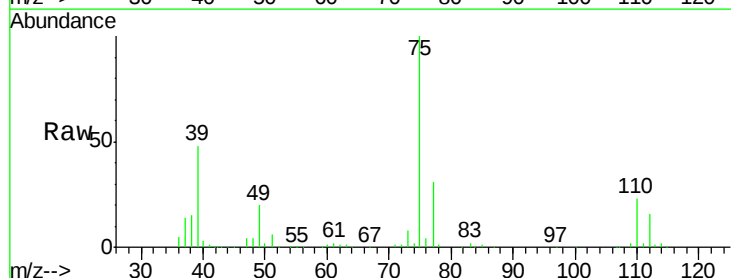
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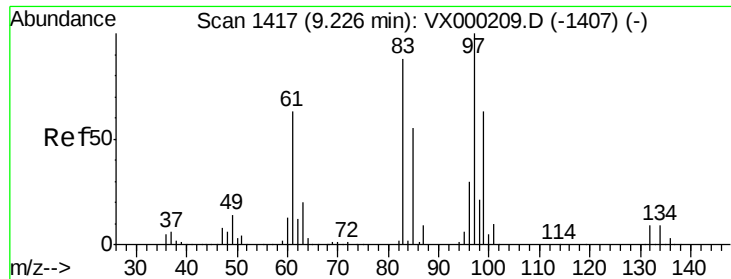
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#54
cis-1,3-Dichloropropene
Concen: 57.51 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion: 75 Resp: 128400
Ion Ratio Lower Upper
75 100
77 30.8 23.9 35.9
39 47.6 37.4 56.2





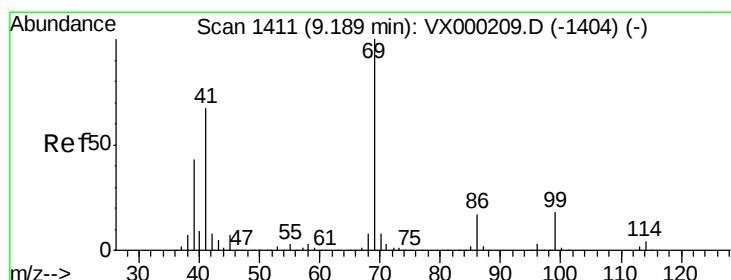
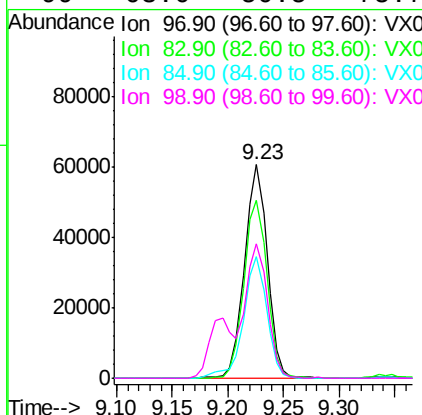
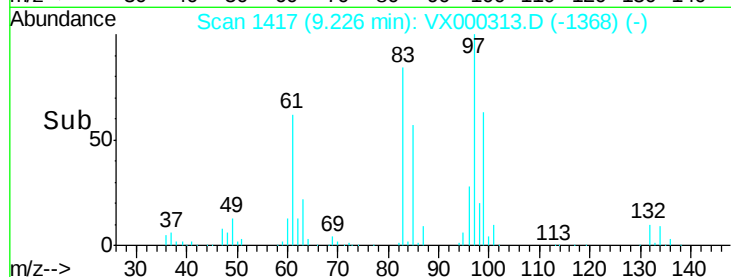
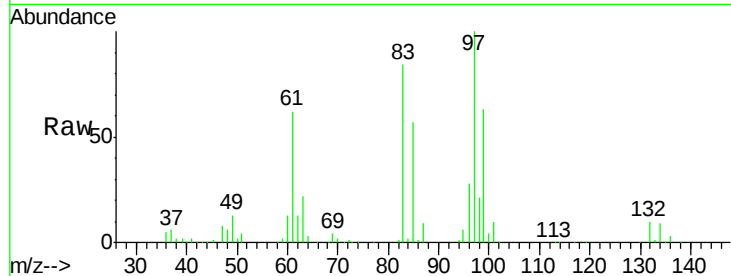
#55
 1,1,2-Trichloroethane
 Concen: 56.42 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	87021
Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.4	105.6
85	56.8	43.9	65.9
99	63.0	50.5	75.7

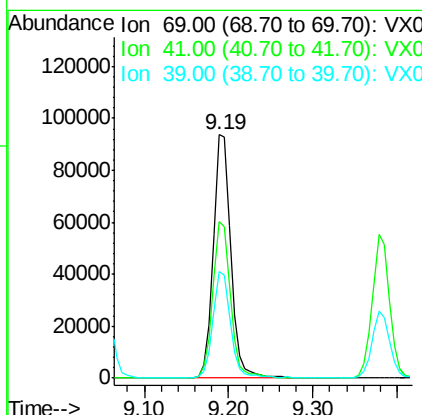
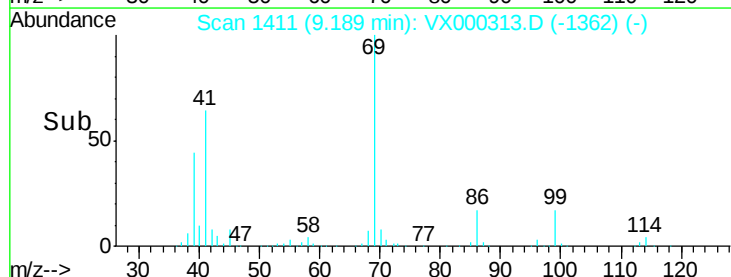
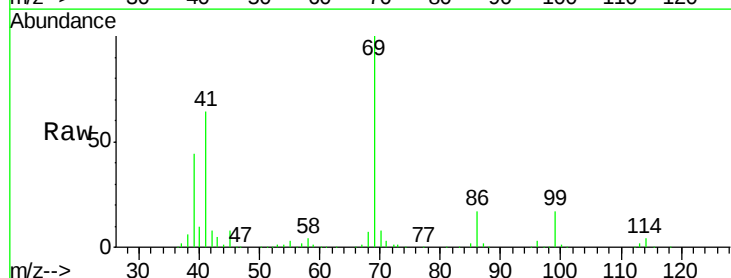
Manual Integrations
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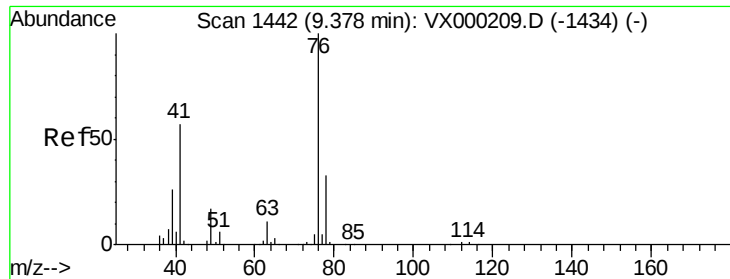
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#56
 Ethyl methacrylate
 Concen: 59.34 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion:	69	Resp:	136960
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.2	78.2
39	43.4	34.3	51.5





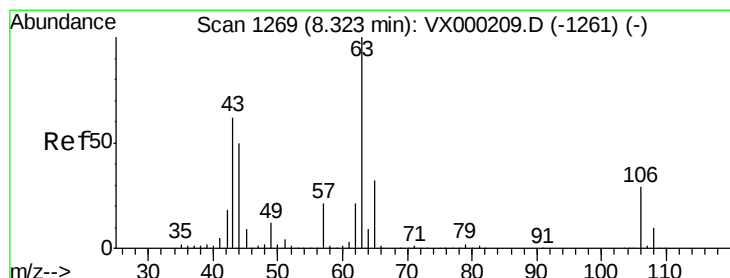
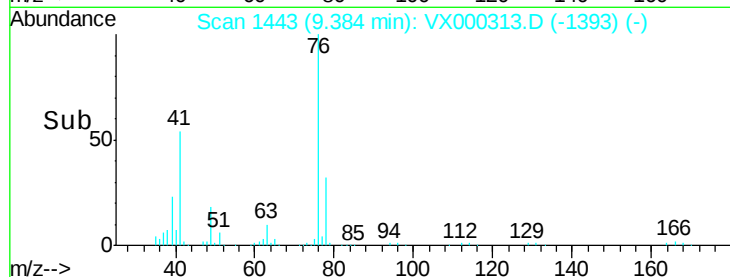
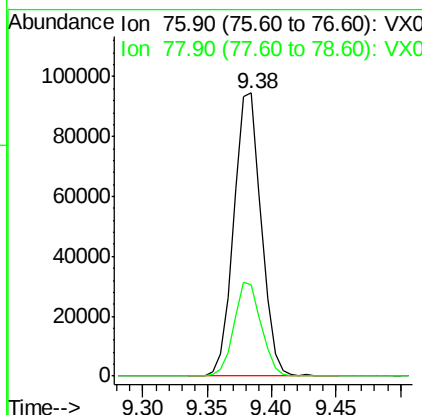
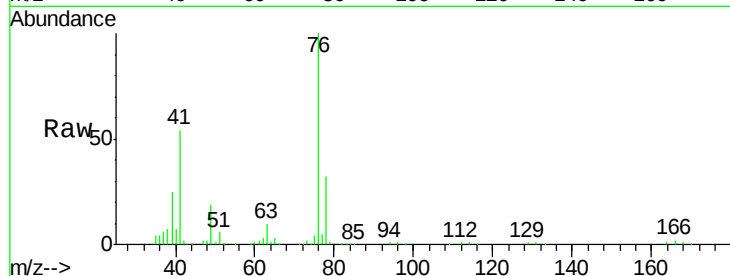
#57
 1,3-Dichloropropane
 Concen: 54.26 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 140524
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

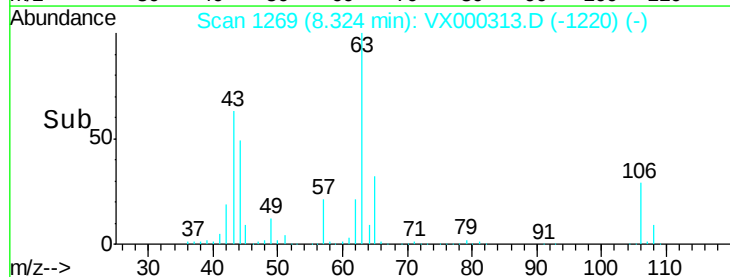
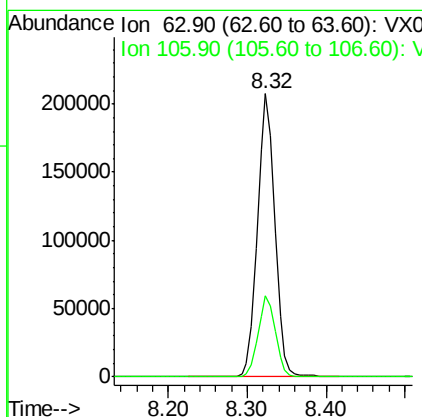
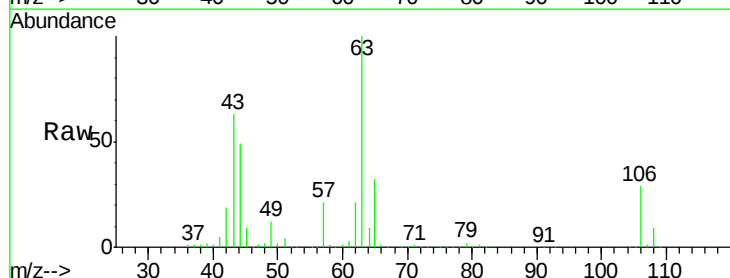
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 274.85 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion: 63 Resp: 320282
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8





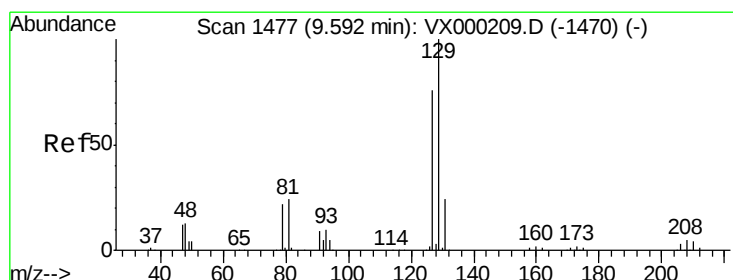
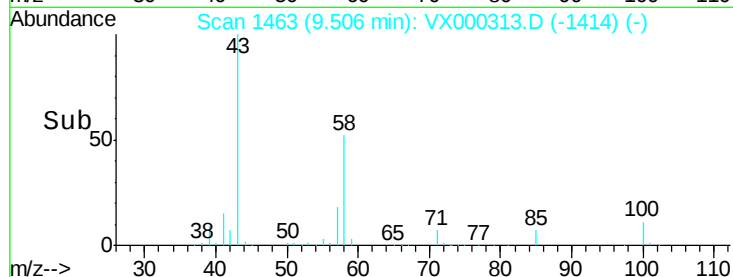
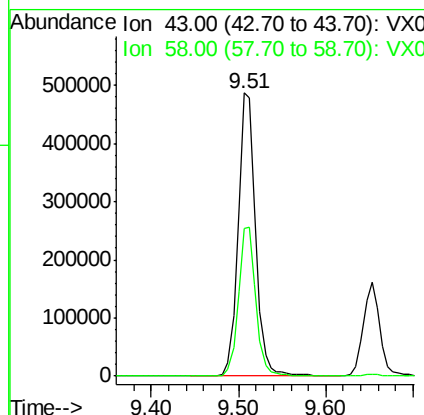
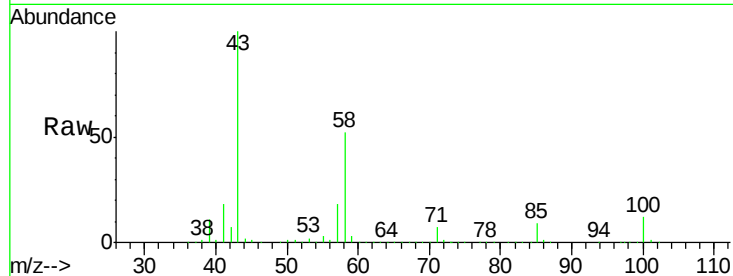
#59
2-Hexanone
Concen: 264.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 685346
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7

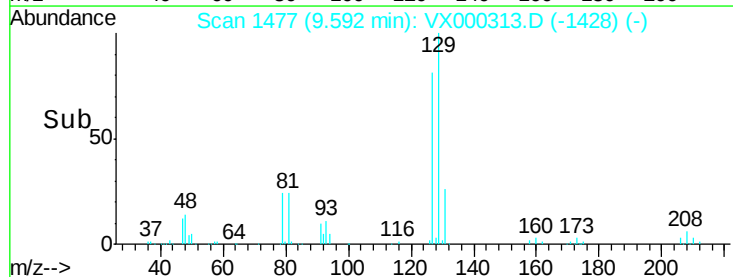
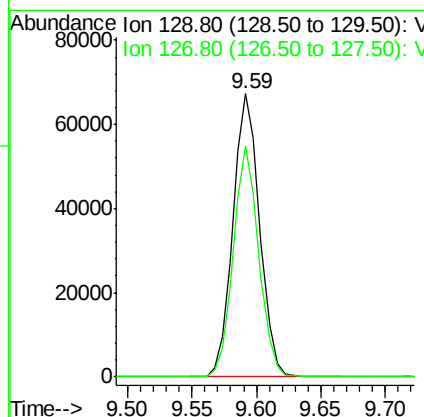
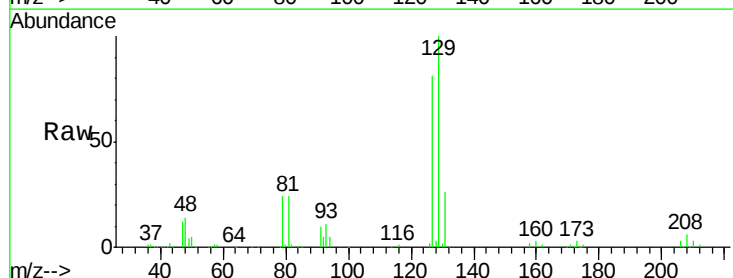
Manual Integrations
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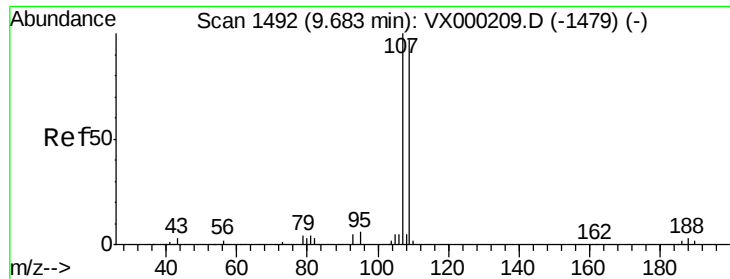
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#60
Dibromochloromethane
Concen: 59.74 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion: 129 Resp: 97148
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 57.30 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 98134

Ion Ratio Lower Upper

107 100

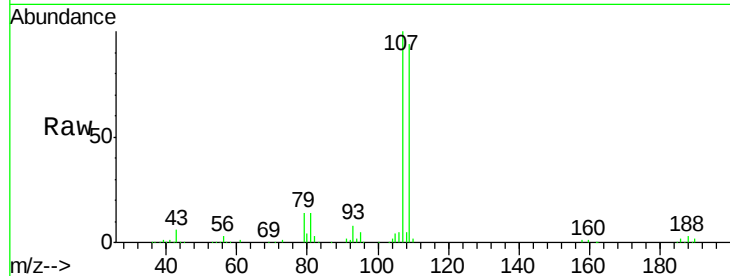
109 93.3 76.8 115.2

Manual Integrations

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sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

80000

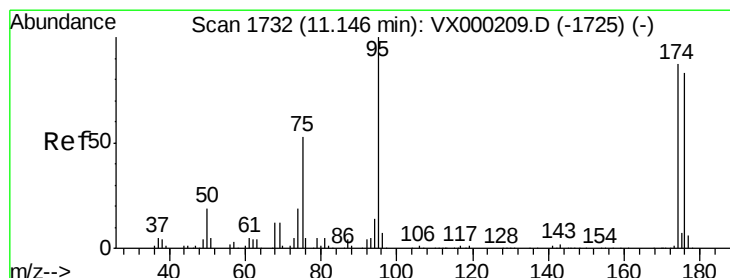
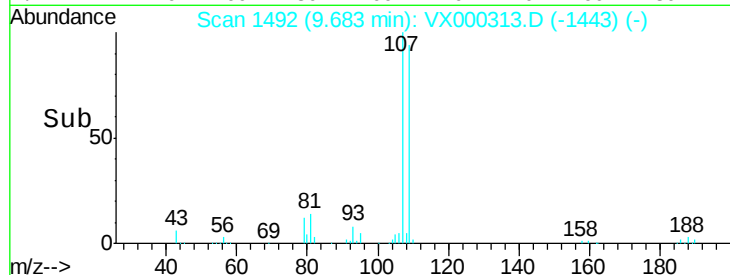
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

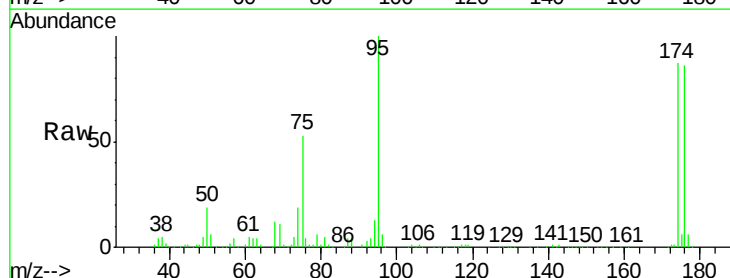
Tgt Ion: 95 Resp: 114131

Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.6

176 85.3 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

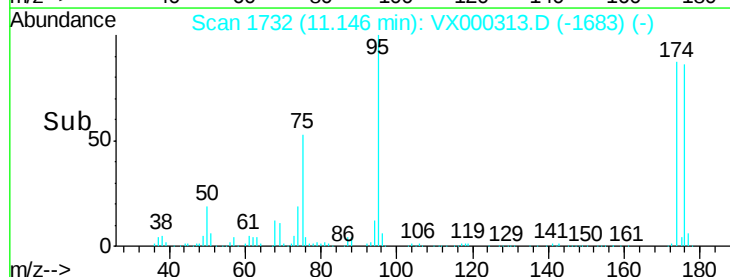
60000

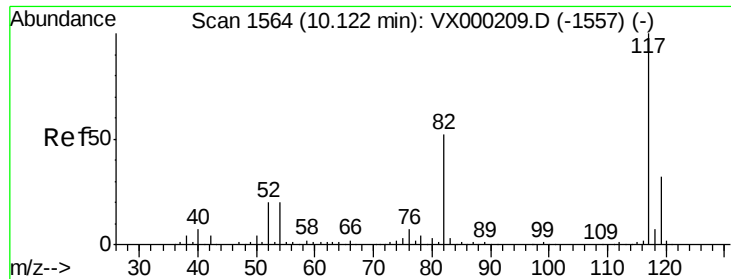
40000

20000

0

Time-->





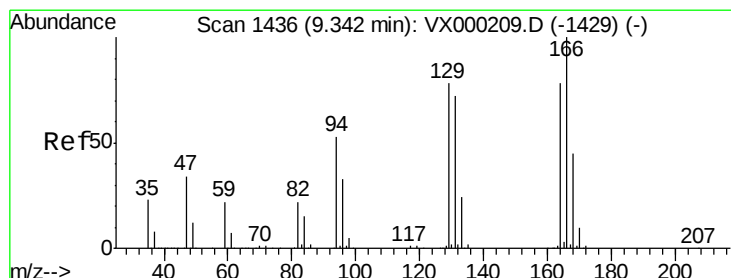
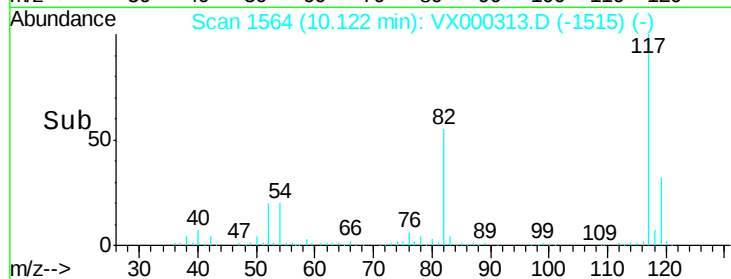
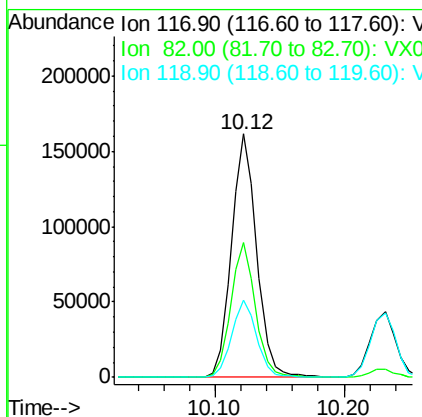
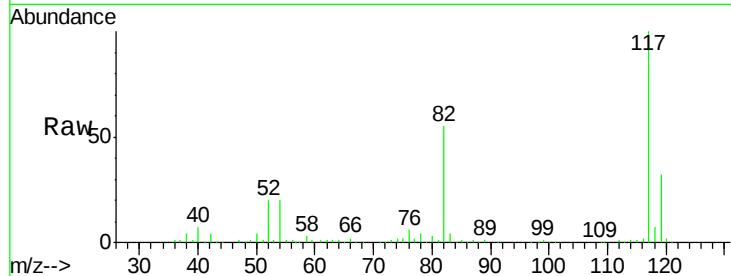
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.0	63.0
119	31.9	25.3	37.9

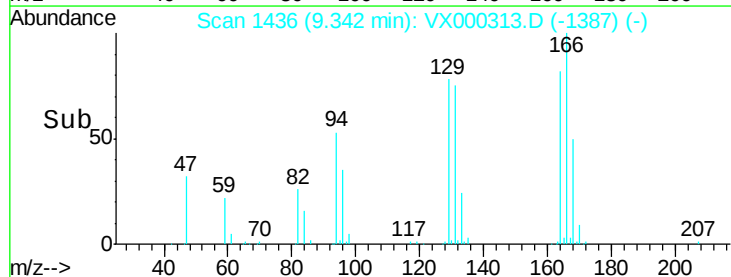
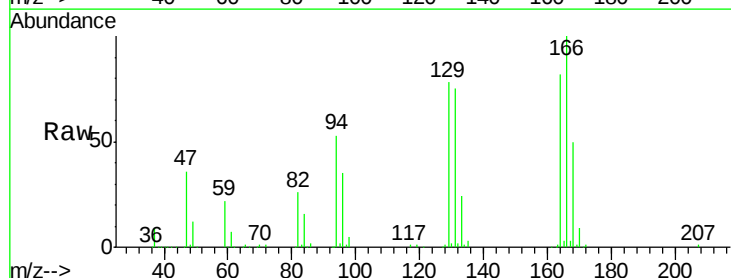
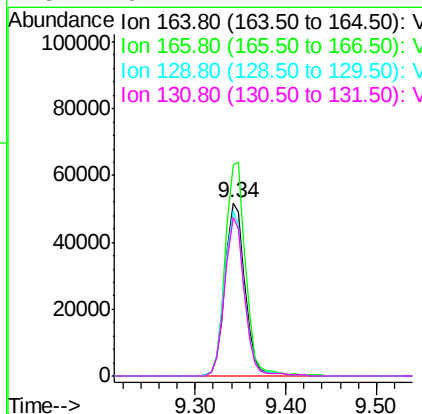
Manual Integrations
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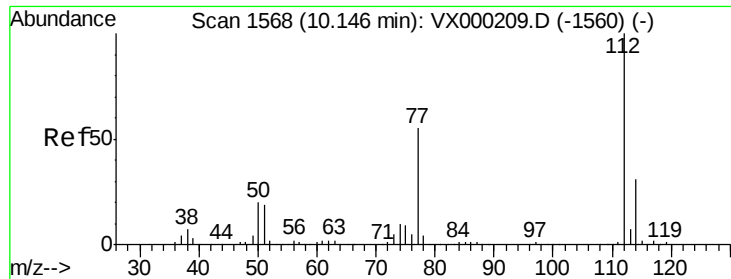
sam
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#64
Tetrachloroethene
Concen: 51.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	103.0	154.6
129	95.4	80.2	120.4
131	91.7	74.2	111.4





#65

Chlorobenzene

Concen: 55.47 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 247018

Ion Ratio Lower Upper

112 100

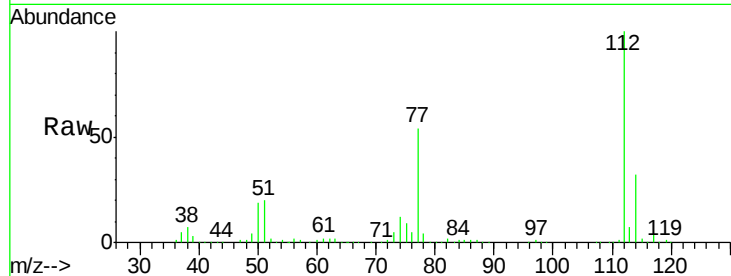
114 31.8 25.0 37.4

Manual Integrations

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sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

200000

150000

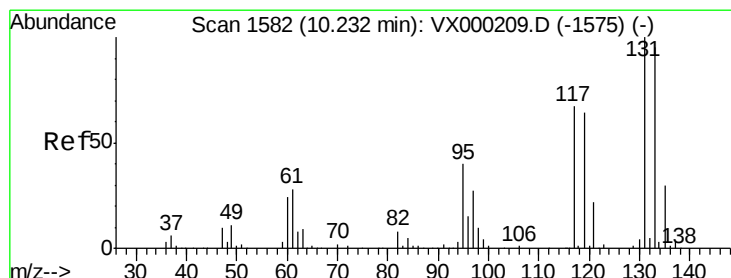
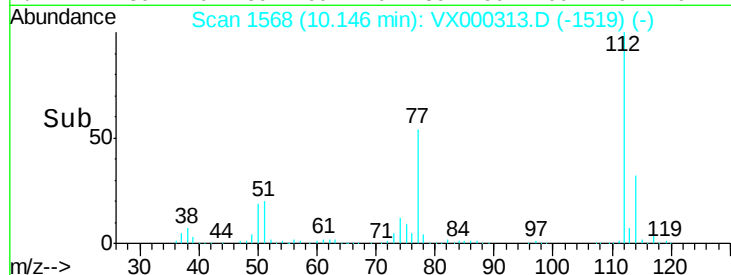
100000

50000

0

Time-->

10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 58.50 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

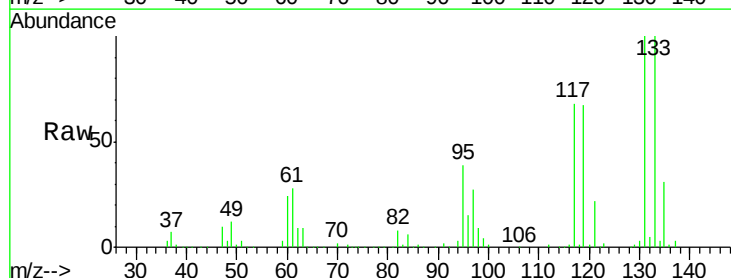
Tgt Ion:131 Resp: 89058

Ion Ratio Lower Upper

131 100

133 96.4 48.3 144.9

119 65.2 32.3 96.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

80000

60000

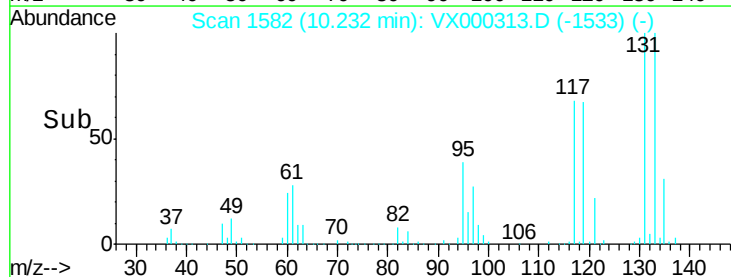
40000

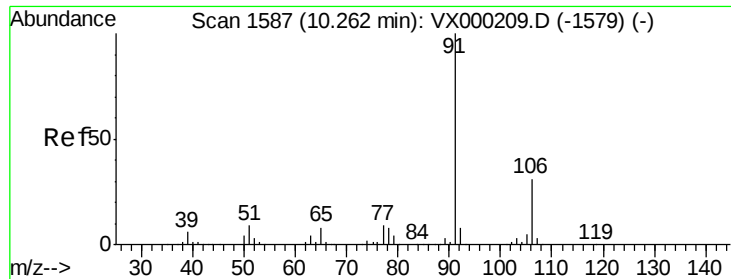
20000

0

Time-->

10.20 10.30





#67

Ethyl Benzene

Concen: 53.92 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 419021

Ion Ratio Lower Upper

91 100

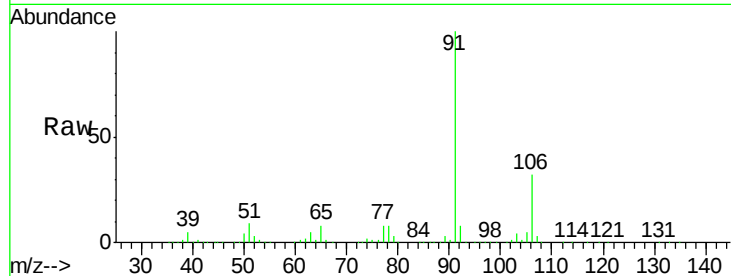
106 32.0 25.2 37.8

Manual Integrations

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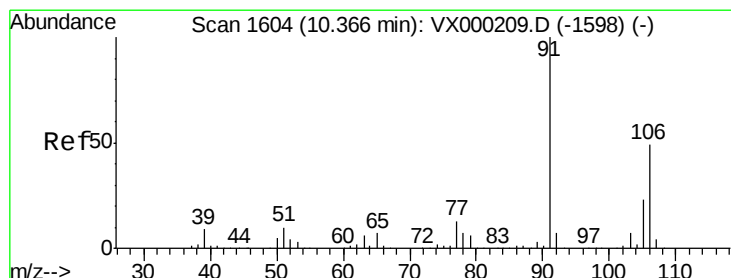
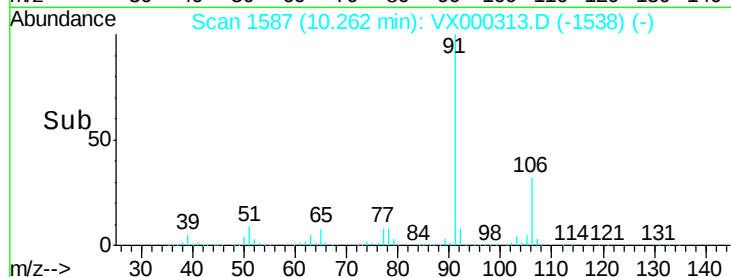
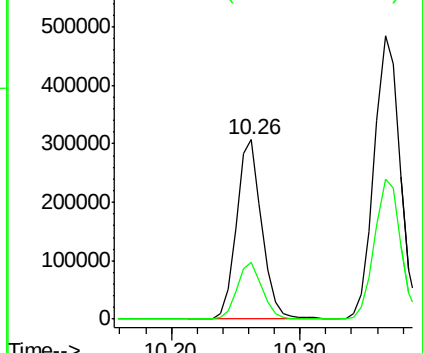
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 111.51 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000313.D

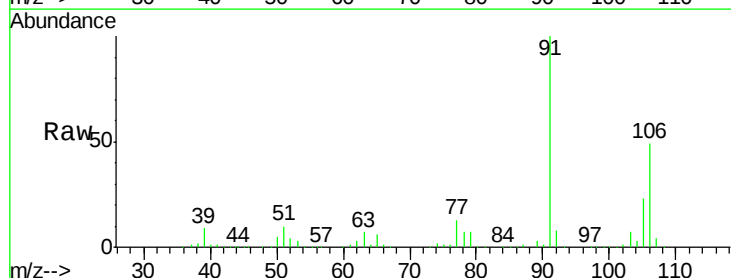
Acq: 13 Mar 2018 20:53

Tgt Ion: 106 Resp: 333533

Ion Ratio Lower Upper

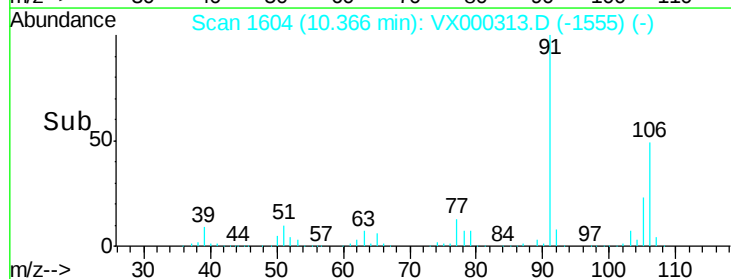
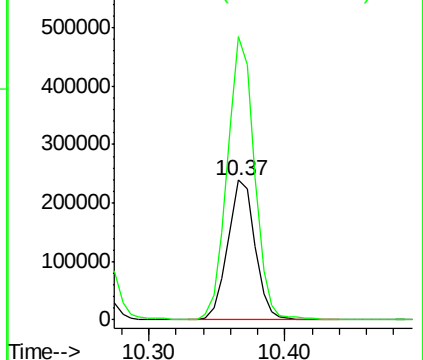
106 100

91 203.0 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





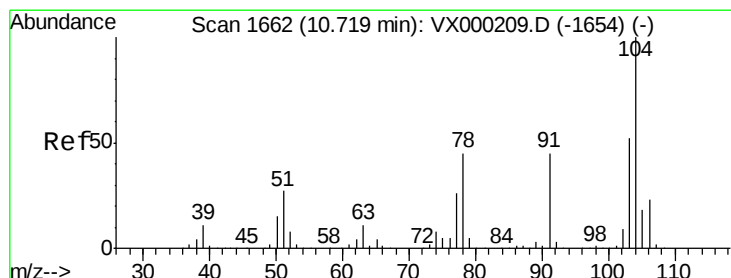
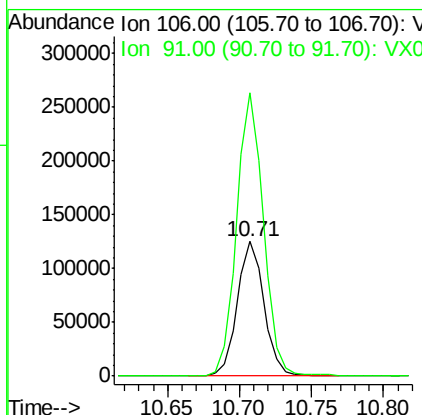
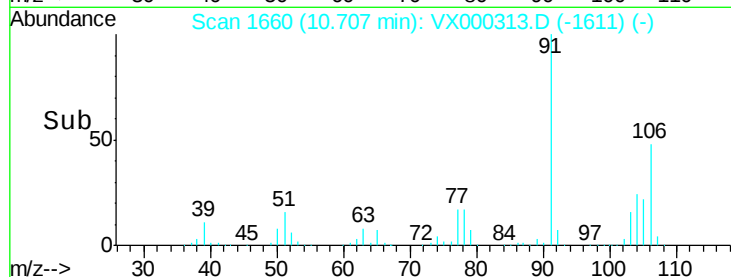
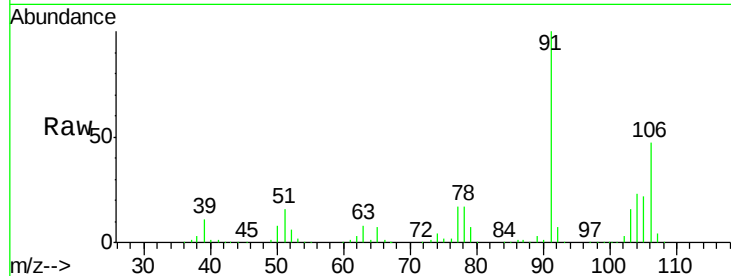
#69
o-Xylene
Concen: 56.56 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 162604
Ion Ratio Lower Upper
106 100
91 211.3 105.9 317.7

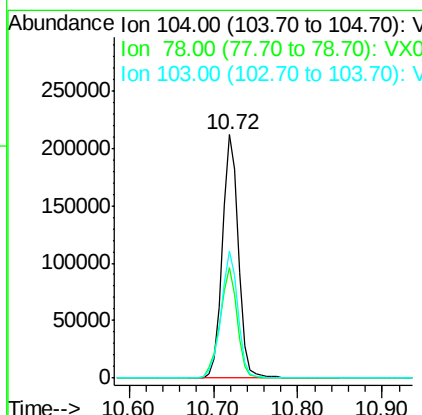
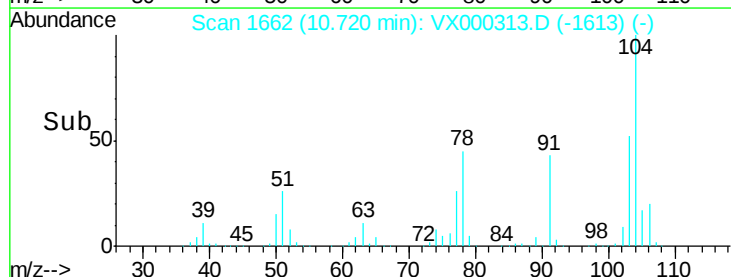
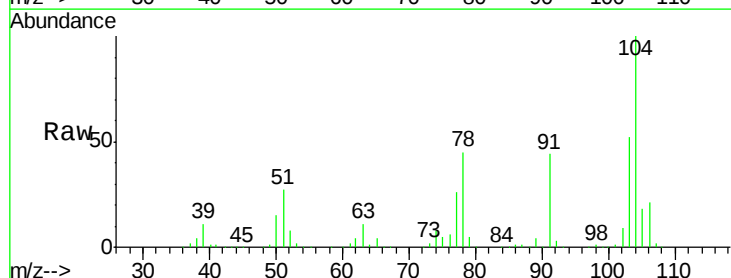
Manual Integrations
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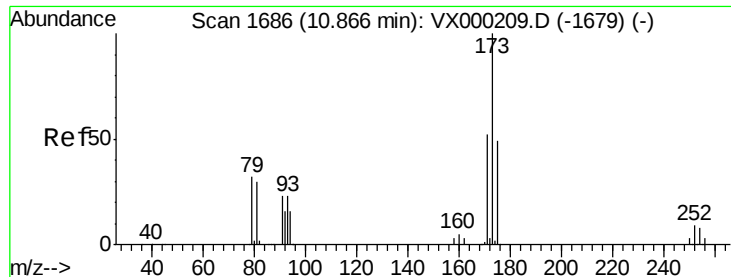
sam
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#70
Styrene
Concen: 58.72 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion:104 Resp: 280051
Ion Ratio Lower Upper
104 100
78 48.7 39.6 59.4
103 54.8 45.0 67.6





#71

Bromoform

Concen: 52.00 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 81044

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.2

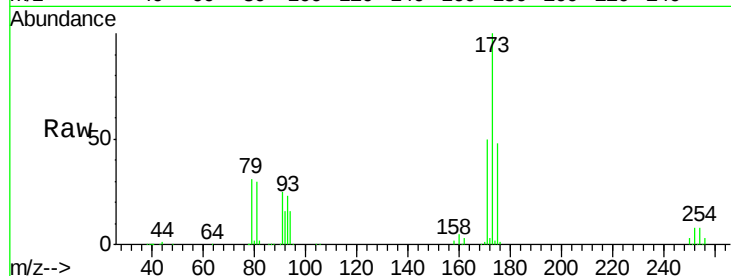
254 0.2 0.2 0.2

Manual Integrations

APPROVED

sam

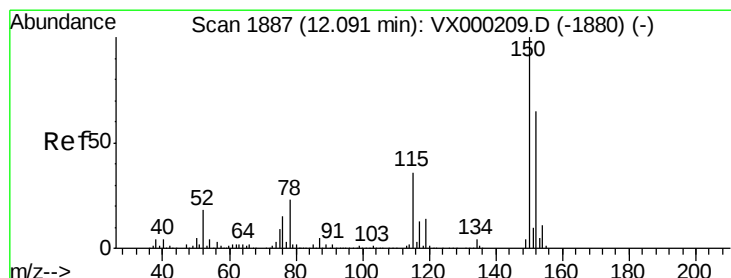
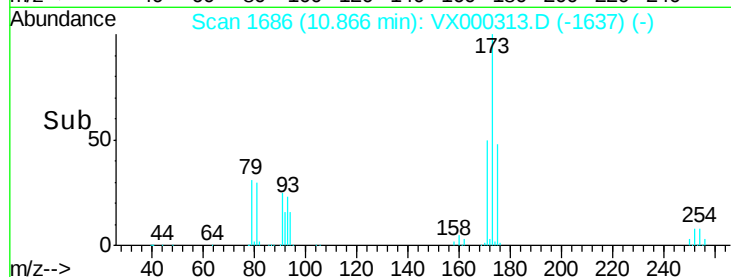
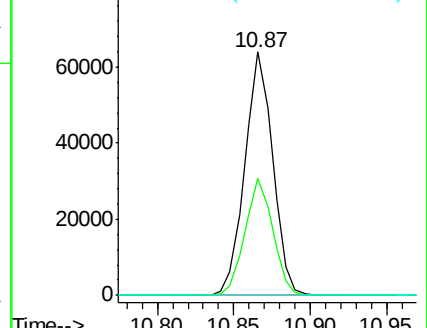
3/14/2018 2:12:02 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

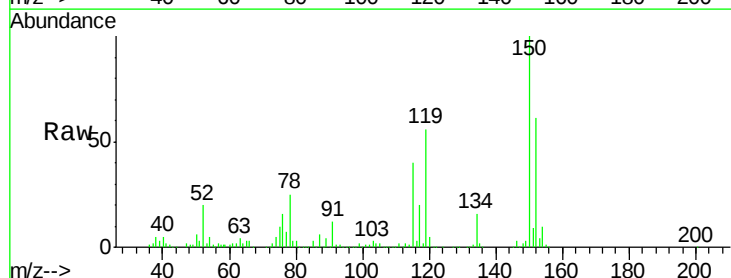
Tgt Ion:152 Resp: 135230

Ion Ratio Lower Upper

152 100

115 81.1 39.8 119.3

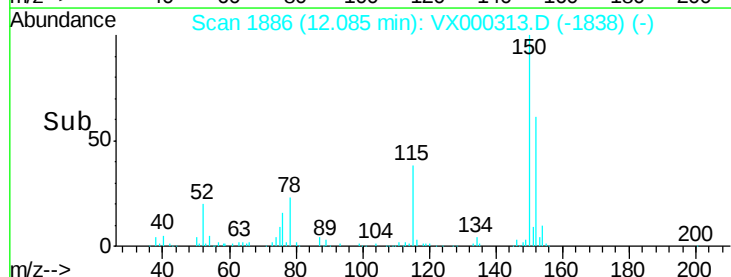
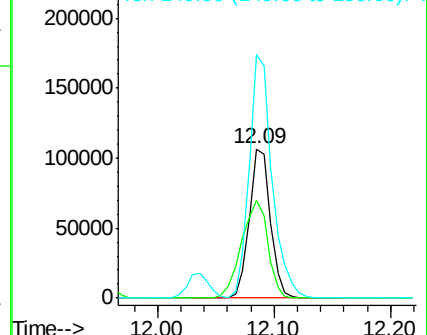
150 176.9 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 445025

Ion Ratio Lower Upper

105 100

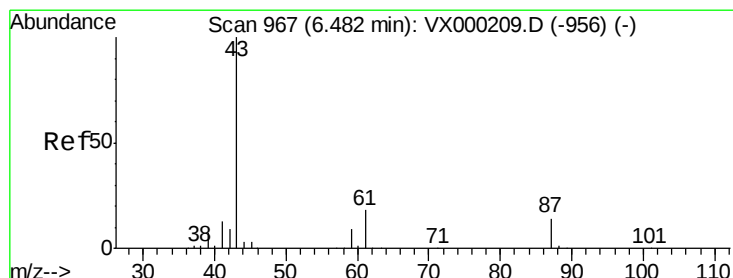
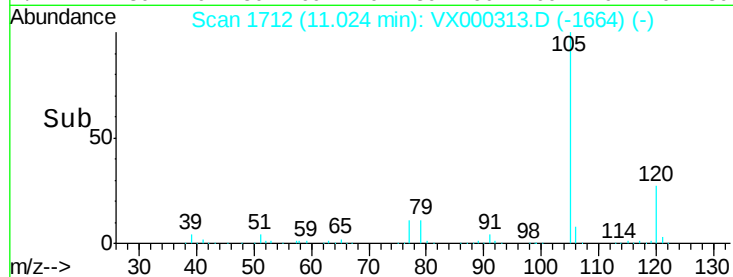
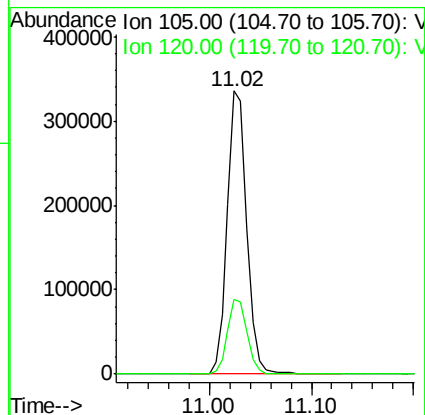
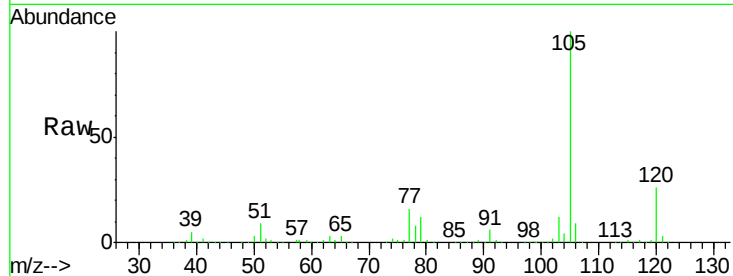
120 26.7 13.5 40.4

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 49.80 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Tgt Ion: 43 Resp: 215732

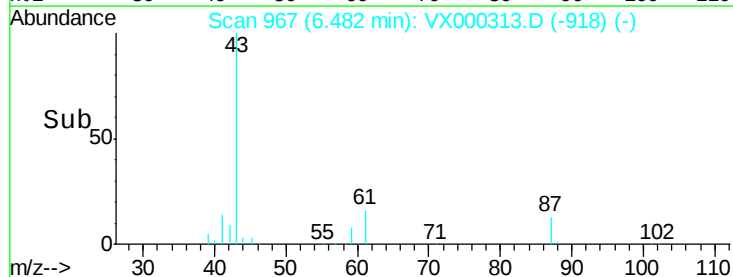
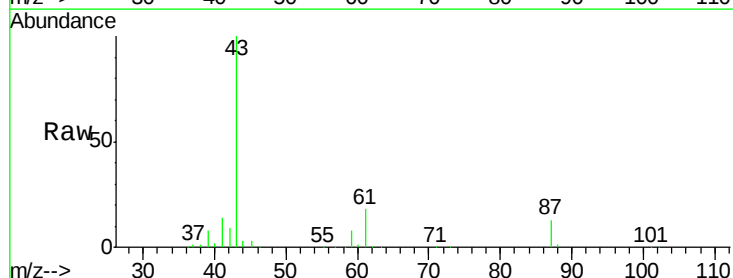
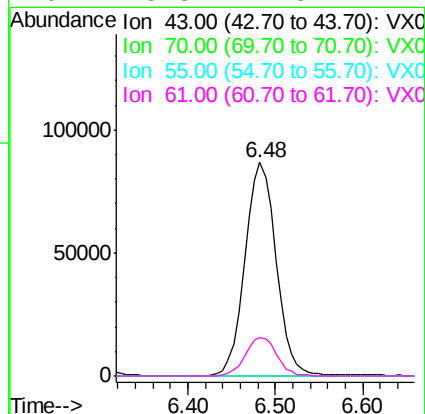
Ion Ratio Lower Upper

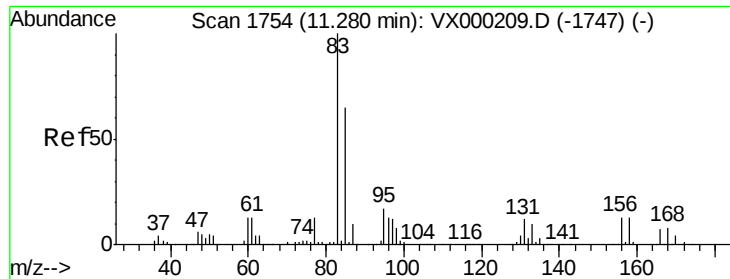
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.3 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.85 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 159838

Ion Ratio Lower Upper

83 100

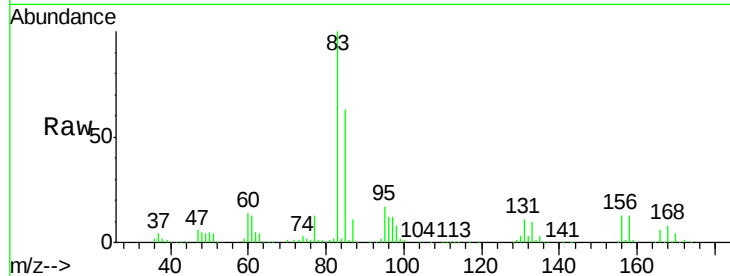
131 10.6 5.5 16.5

85 64.0 32.5 97.4

Manual Integrations
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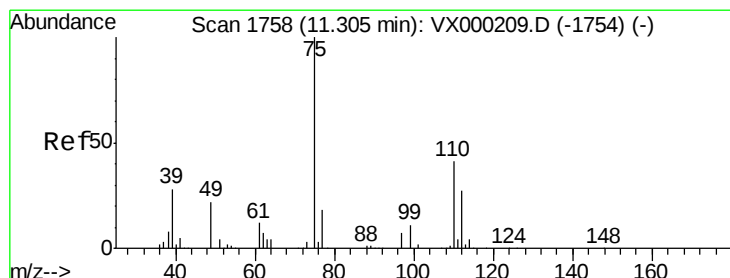
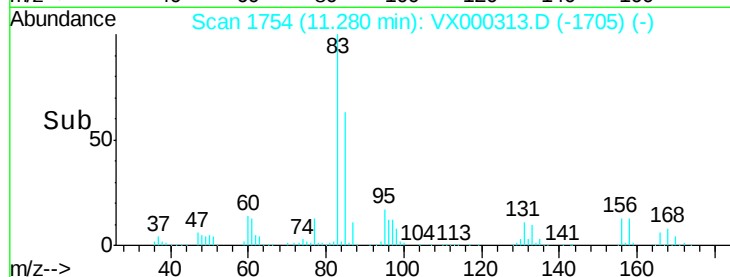
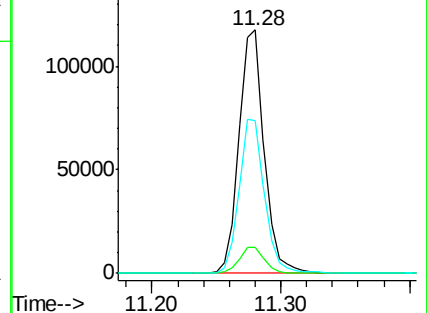
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.77 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000313.D

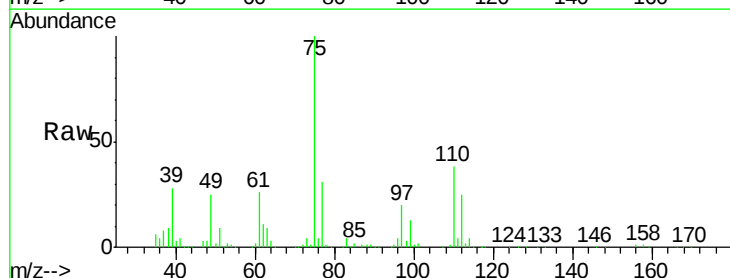
Acq: 13 Mar 2018 20:53

Tgt Ion: 75 Resp: 143037

Ion Ratio Lower Upper

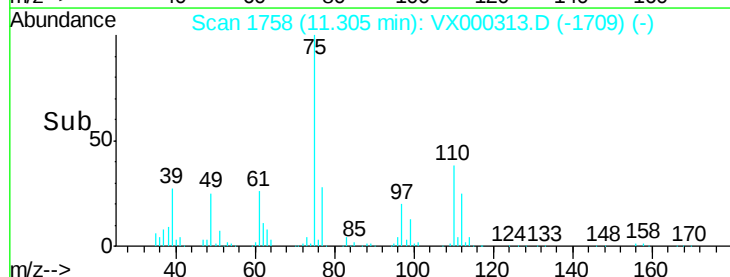
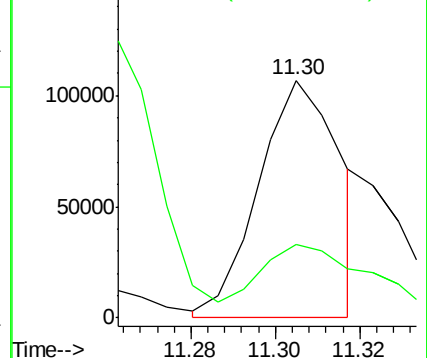
75 100

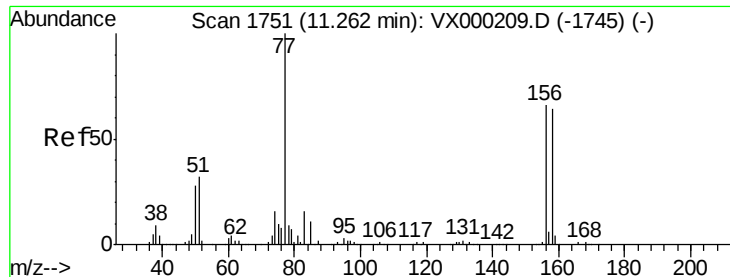
77 42.9 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.34 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 112379

Ion Ratio Lower Upper

156 100

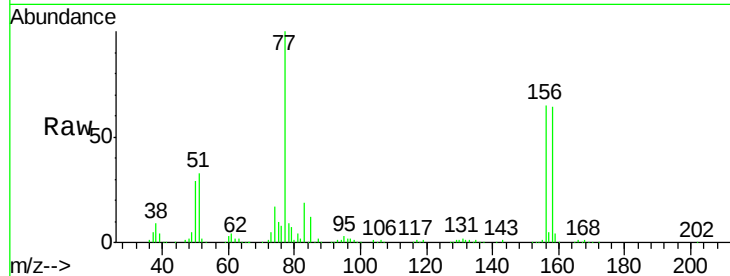
77 146.7 71.9 215.7

158 99.0 48.0 144.2

Manual Integrations
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sam

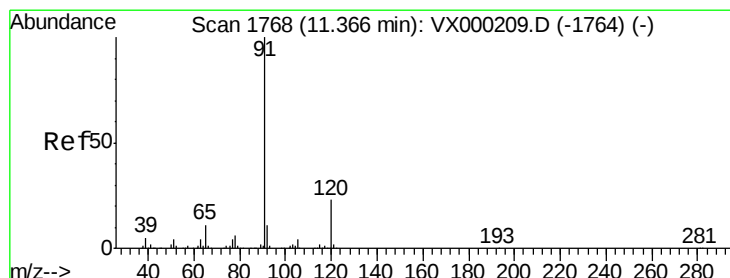
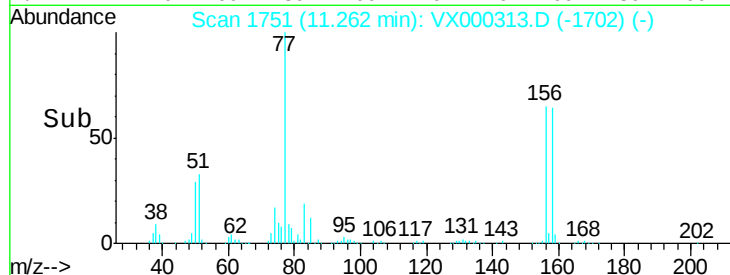
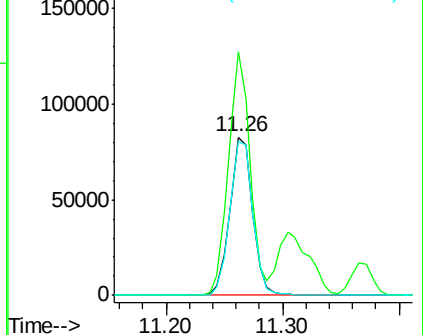
3/14/2018 2:12:02 PM



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: 50.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000313.D

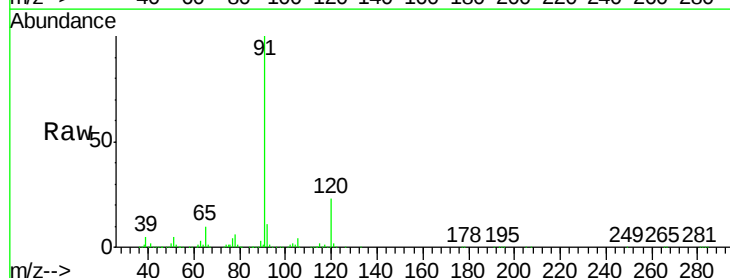
Acq: 13 Mar 2018 20:53

Tgt Ion: 91 Resp: 507555

Ion Ratio Lower Upper

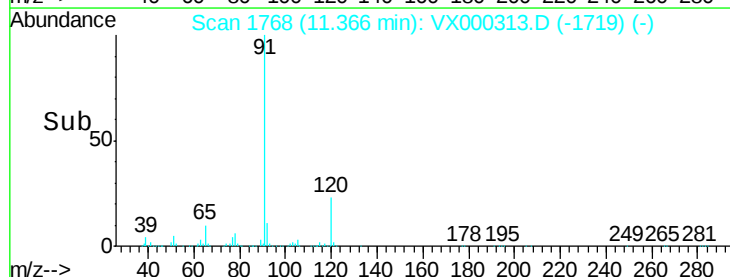
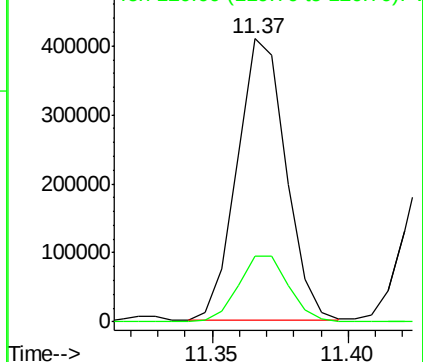
91 100

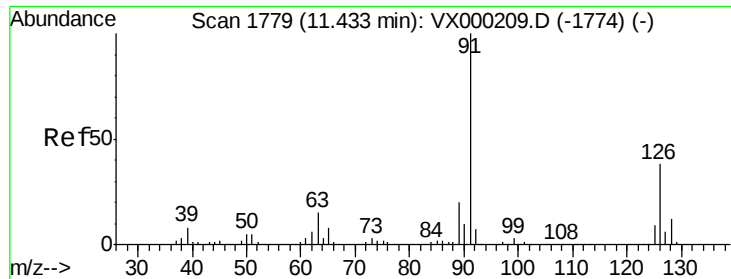
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 297485

Ion Ratio Lower Upper

91 100

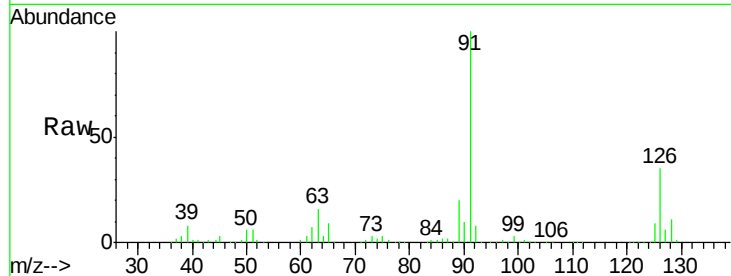
126 36.8 18.4 55.2

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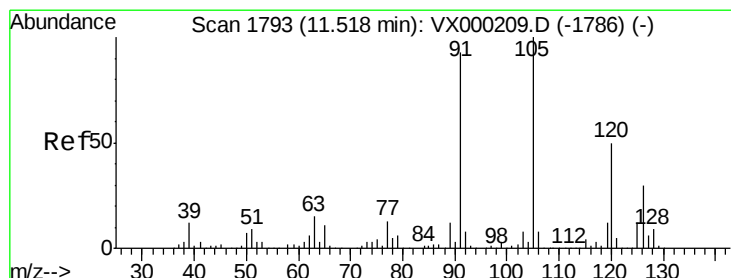
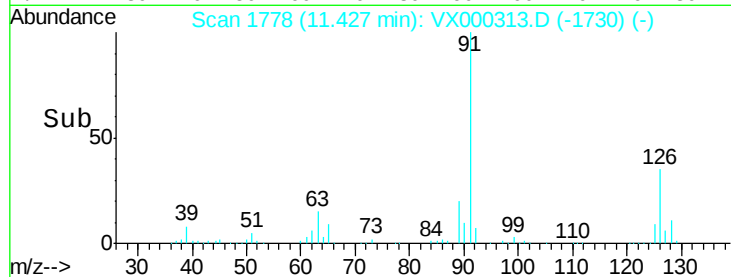
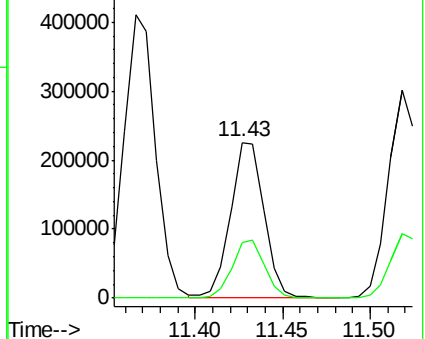
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000313.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000313.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.76 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000313.D

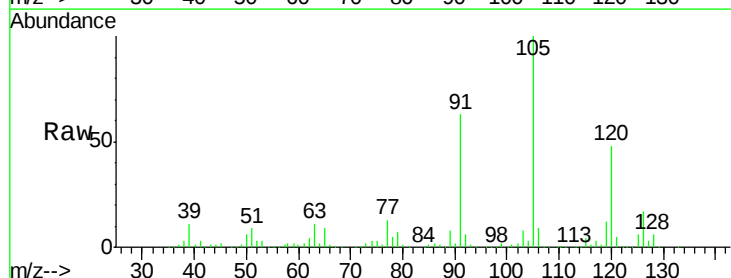
Acq: 13 Mar 2018 20:53

Tgt Ion: 105 Resp: 387095

Ion Ratio Lower Upper

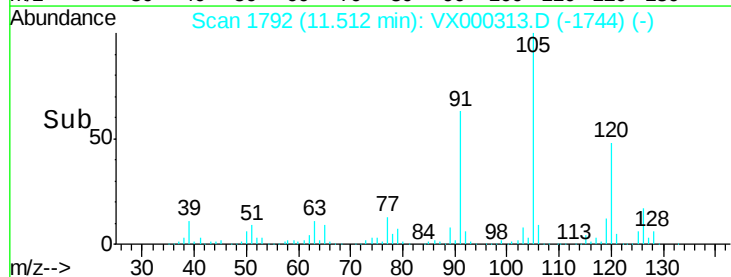
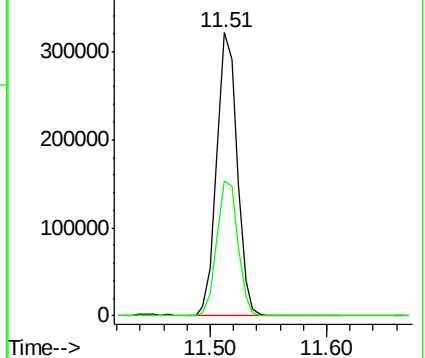
105 100

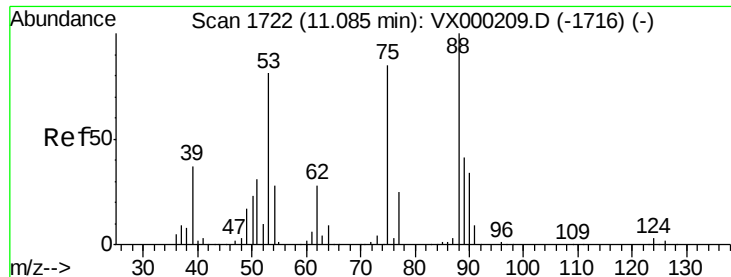
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000313.D (-1744) (-)

Ion 120.00 (119.70 to 120.70): VX000313.D (-1744) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.89 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Instrument :

MSVOA_X

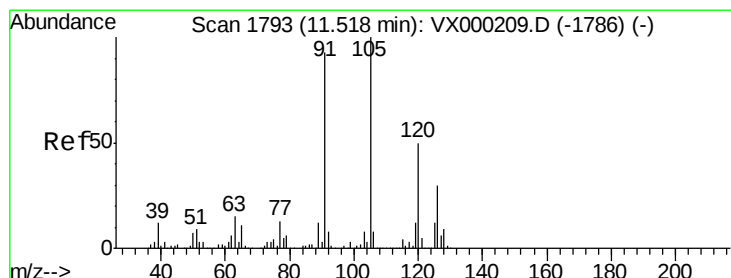
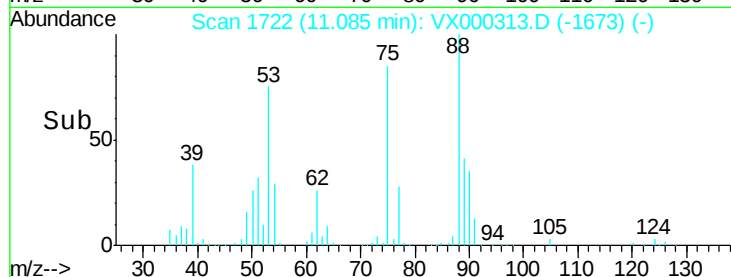
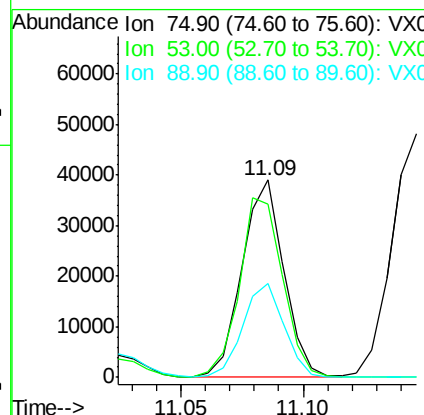
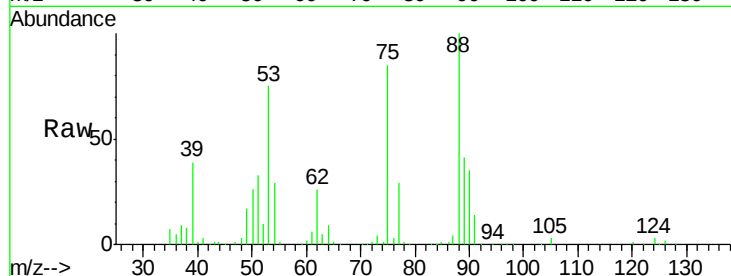
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	45937
Ion Ratio	Lower	Upper	
75	100		
53	94.9	78.6	118.0
89	47.7	38.8	58.2

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#82

4-Chlorotoluene

Concen: 54.00 ug/l

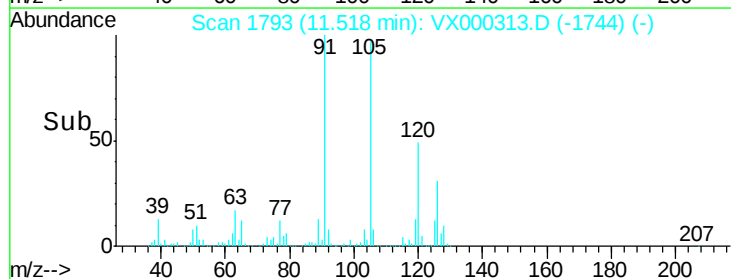
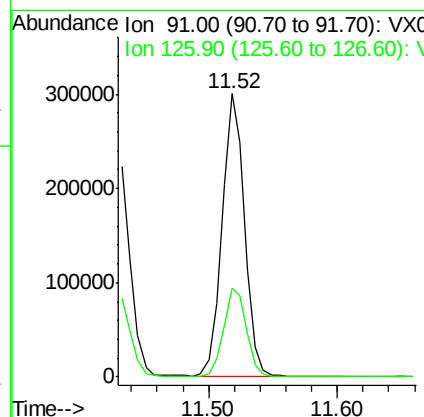
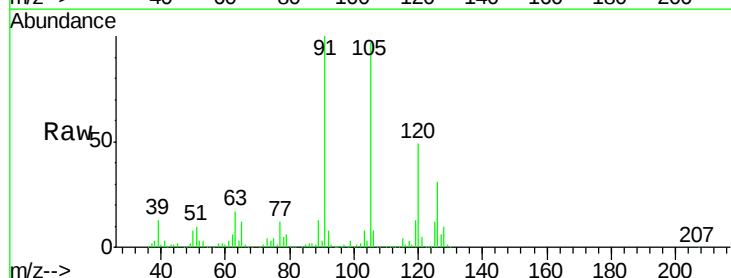
RT: 11.52 min Scan# 1793

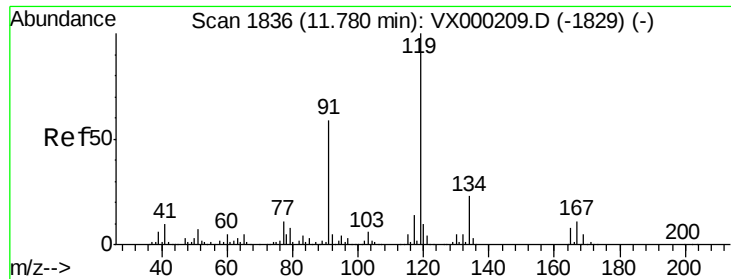
Delta R.T. 0.00 min

Lab File: VX000313.D

Acq: 13 Mar 2018 20:53

Tgt Ion:	91	Resp:	369085
Ion Ratio	Lower	Upper	
91	100		
126	31.9	16.0	48.0





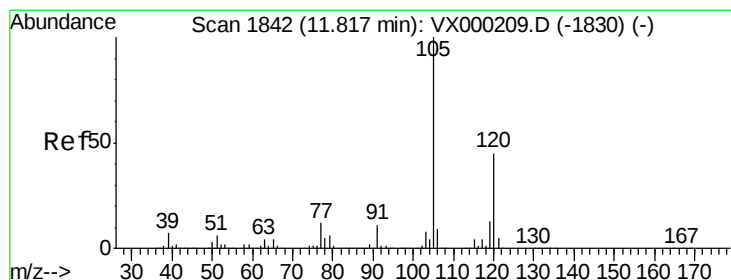
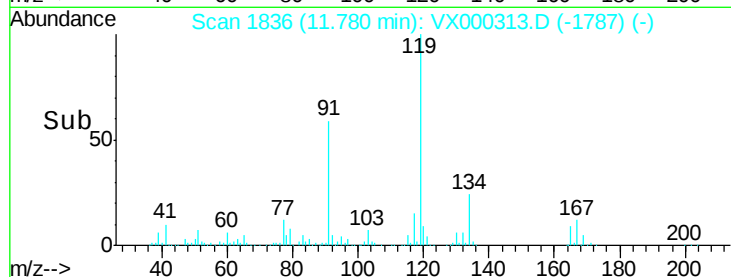
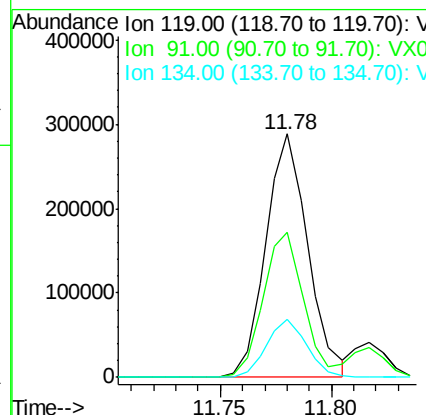
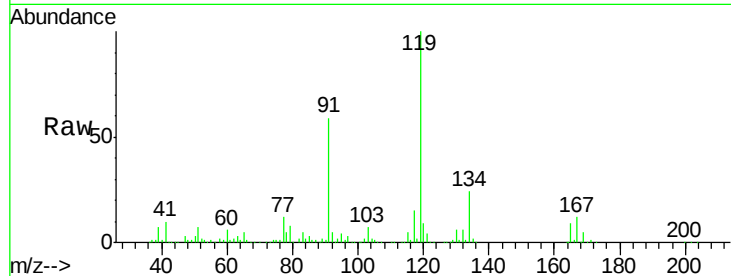
#83
 tert-Butylbenzene
 Concen: 54.99 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	378264		
91	56.8	28.9	86.7	
134	22.9	11.5	34.4	

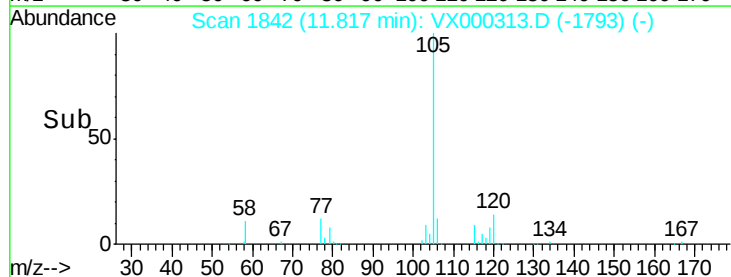
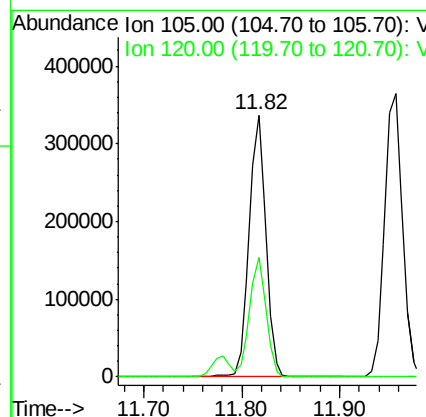
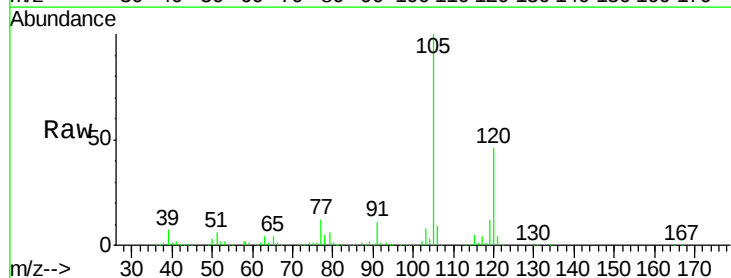
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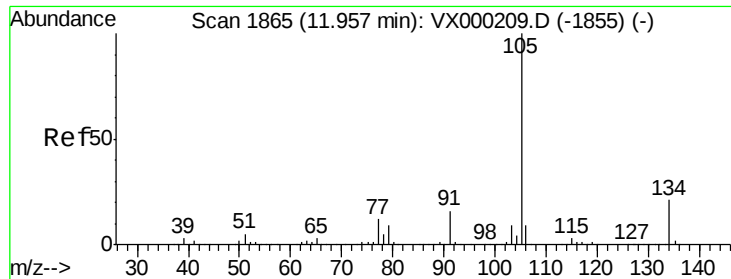
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.40 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	402685		
120	45.2	23.0	69.0	





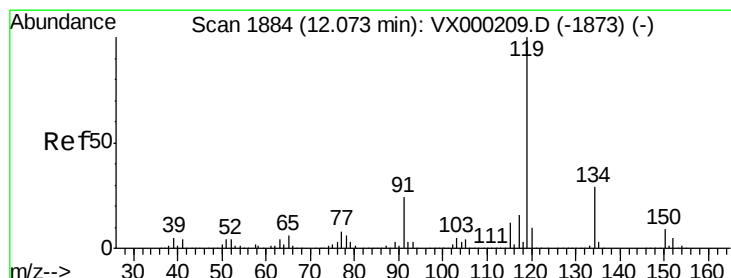
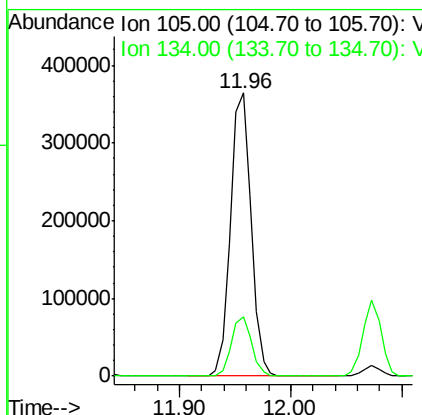
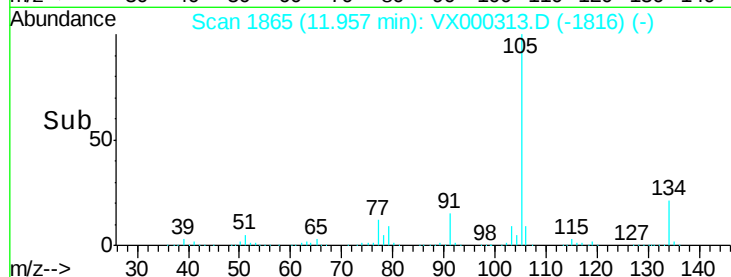
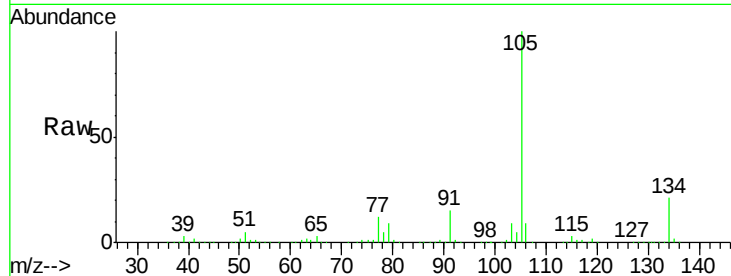
#85
 sec-Butylbenzene
 Concen: 53.45 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 465055
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9

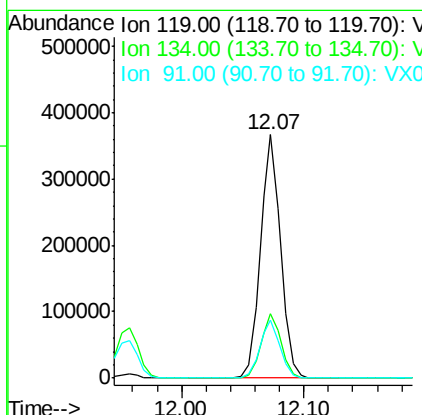
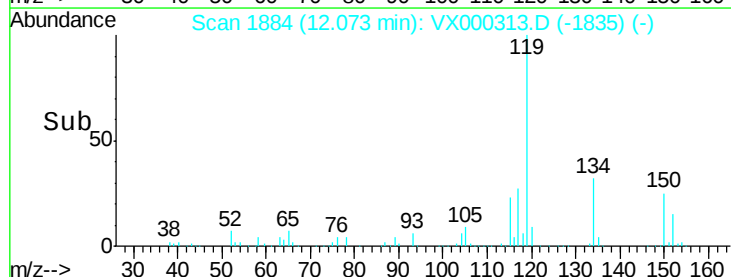
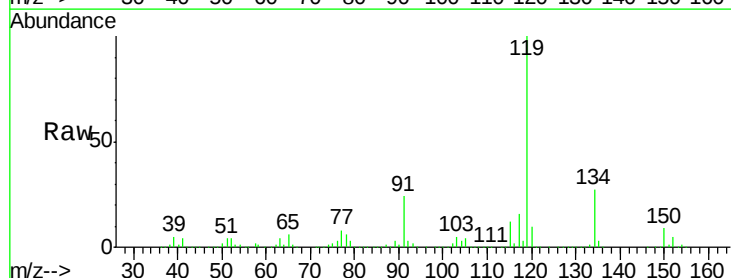
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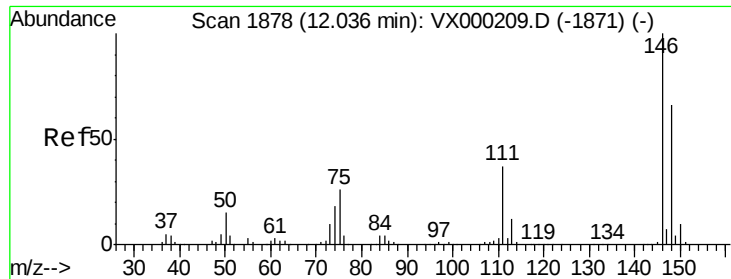
sam
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#86
 p-Isopropyltoluene
 Concen: 55.06 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion:119 Resp: 422431
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.8 41.3
 91 23.8 12.0 36.0





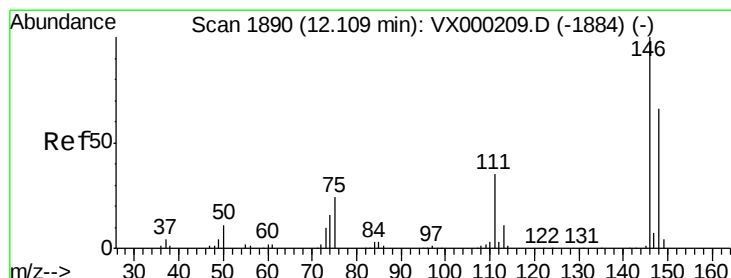
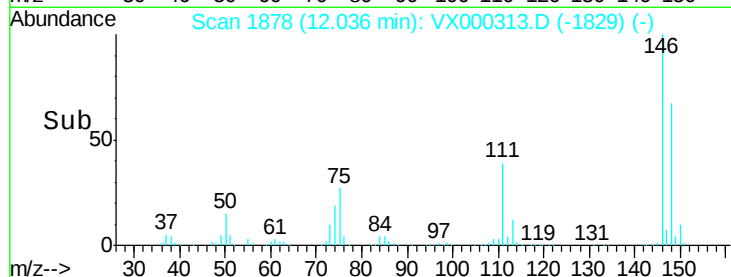
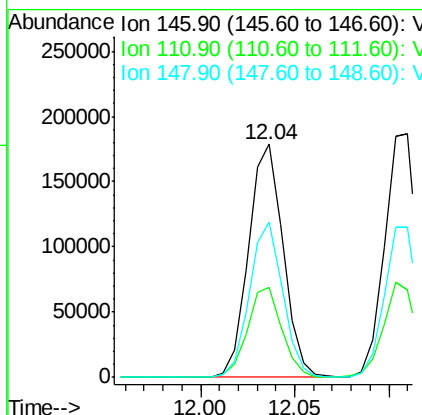
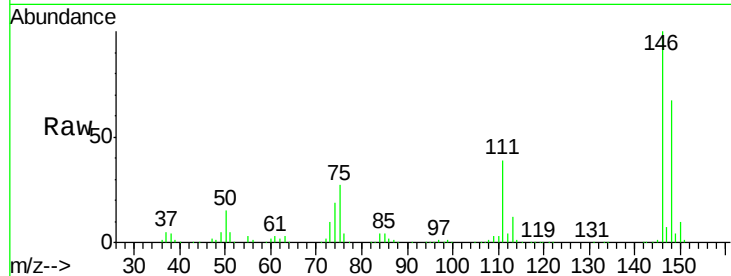
#87
 1,3-Dichlorobenzene
 Concen: 54.63 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.0	32.1	96.3

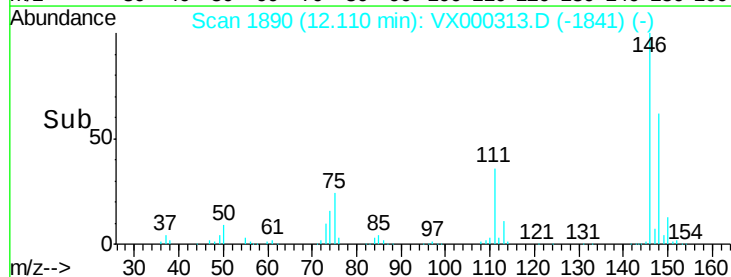
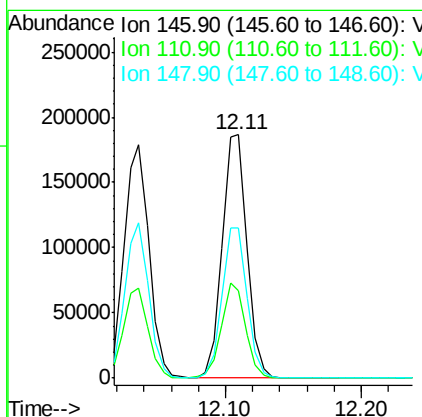
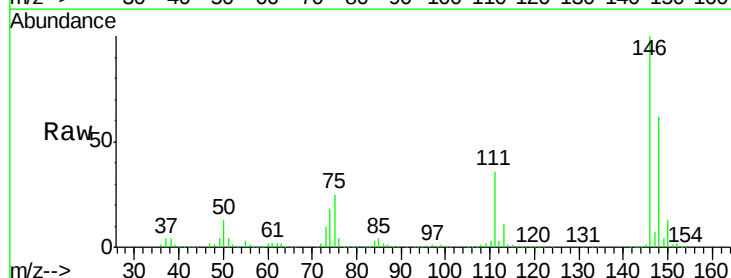
Manual Integrations
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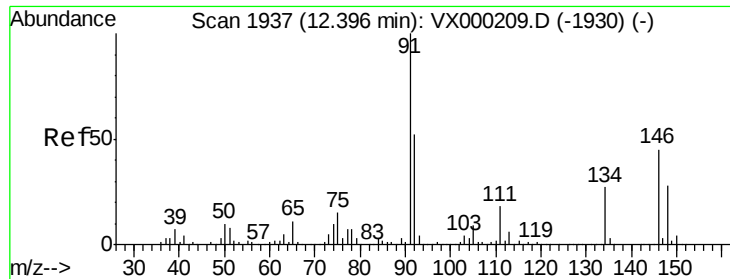
sam
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#88
 1,4-Dichlorobenzene
 Concen: 53.89 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	62.4	32.6	97.8





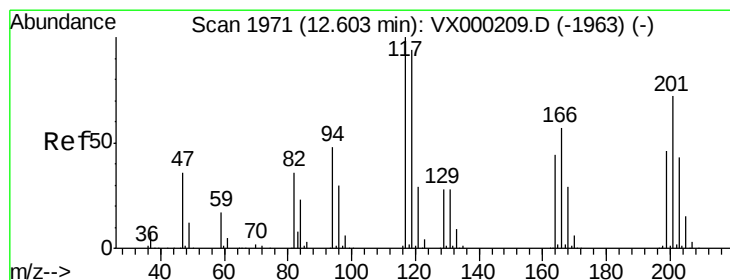
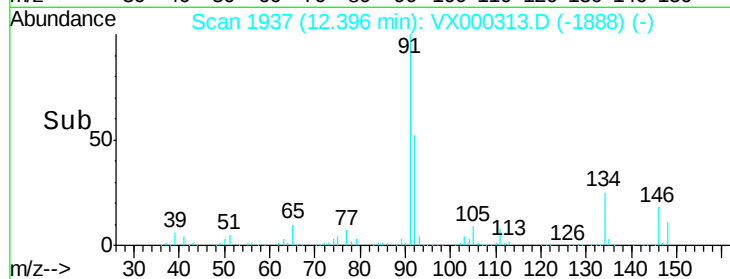
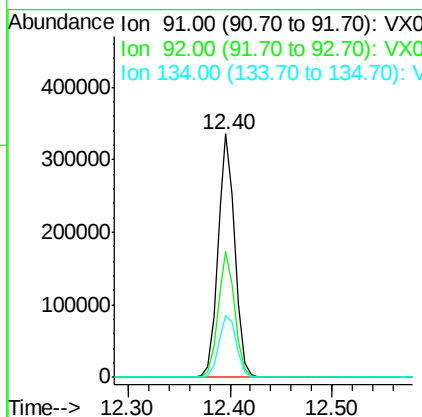
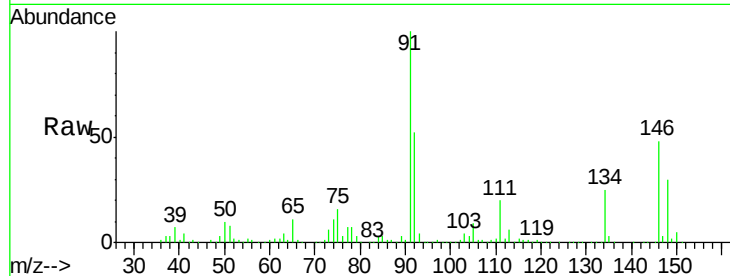
#89
n-Butylbenzene
Concen: 52.31 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.8	77.4
134	26.6	13.5	40.5

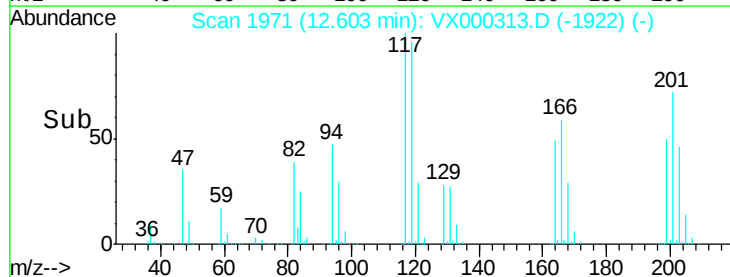
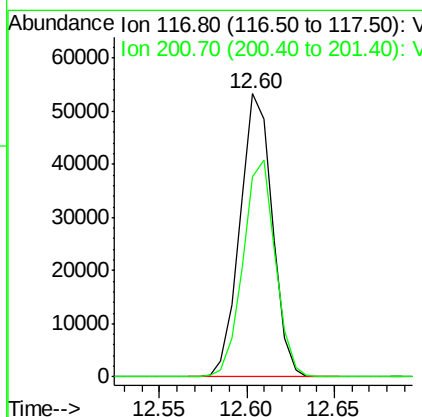
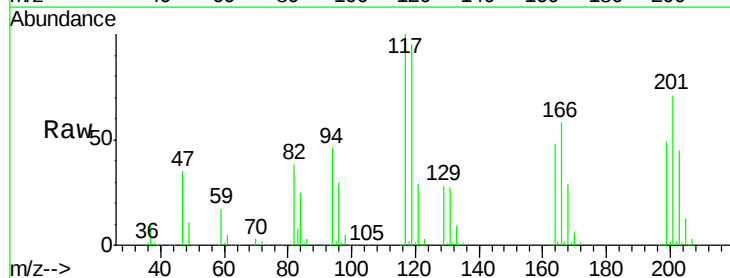
Manual Integrations
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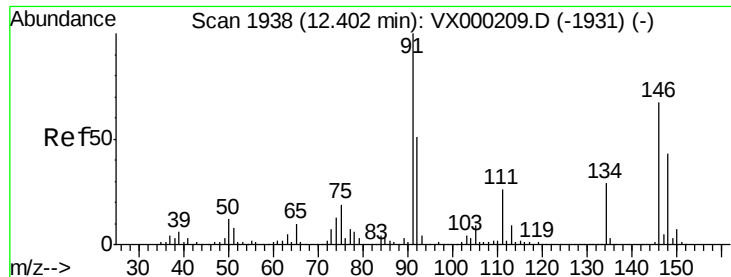
sam
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#90
Hexachloroethane
Concen: 55.26 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	38.2	114.6





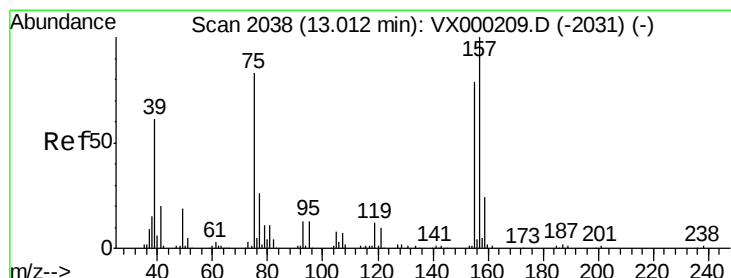
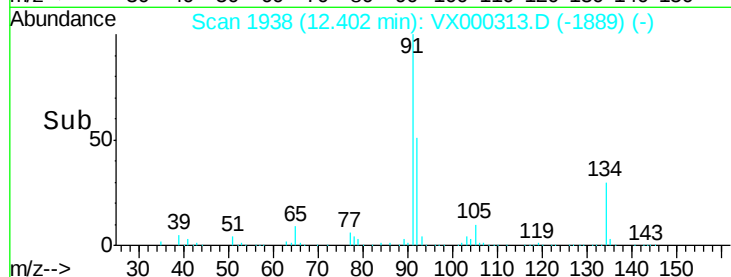
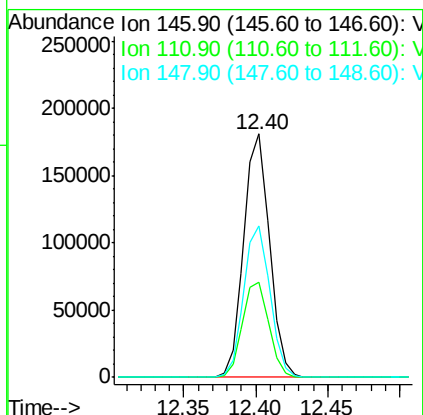
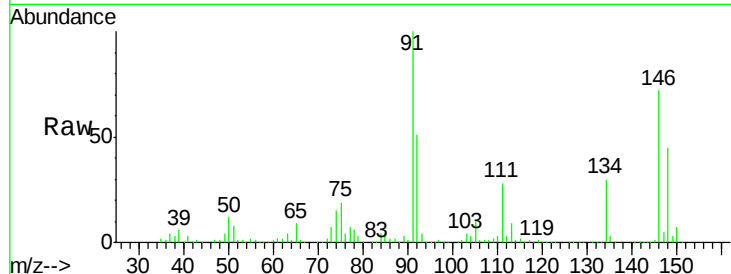
#91
 1,2-Dichlorobenzene
 Concen: 54.75 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	63.1	32.0	96.0

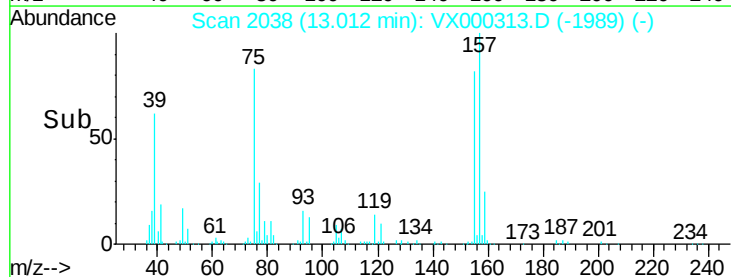
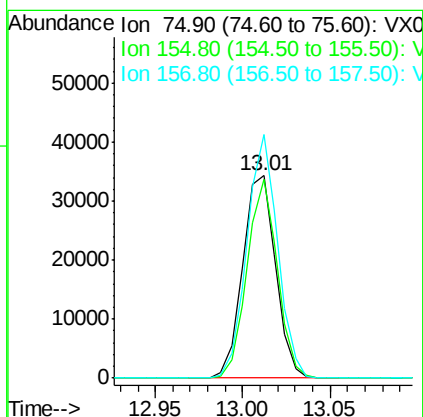
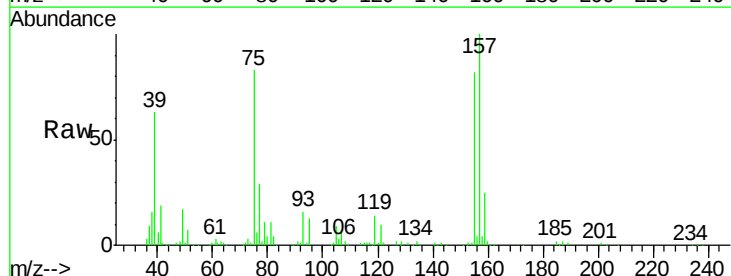
Manual Integrations
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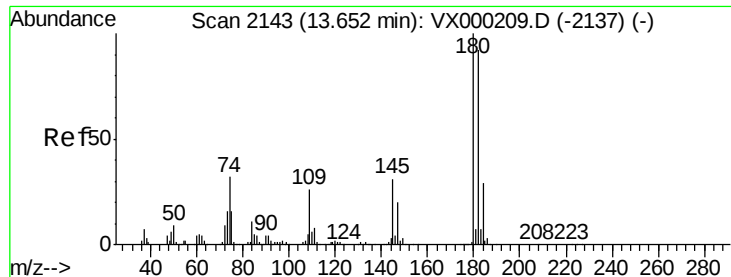
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.82 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	45.5	136.5
157	112.2	58.6	175.8





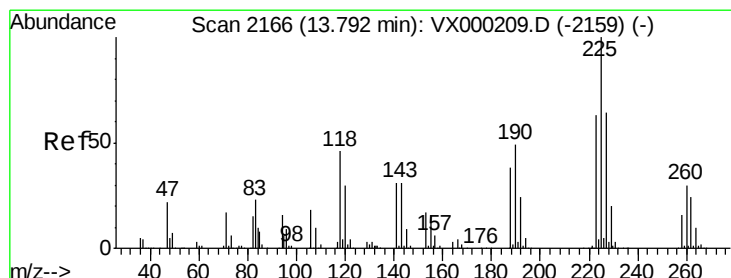
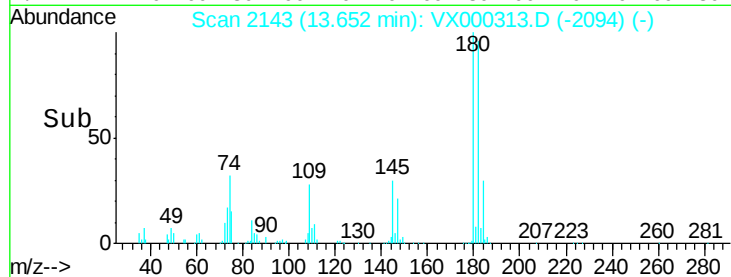
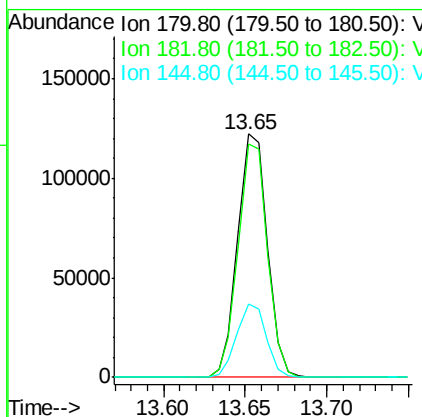
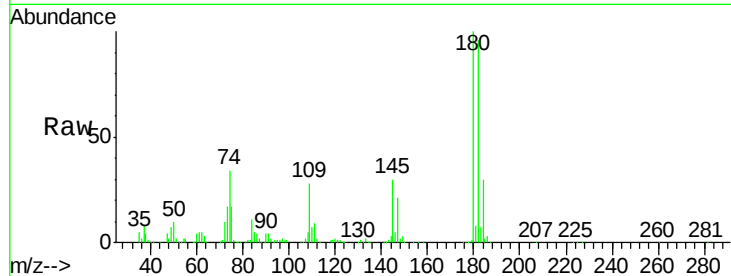
#93
 1,2,4-Trichlorobenzene
 Concen: 51.90 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155571		
182	95.2	47.0	141.0	
145	30.1	15.3	45.9	

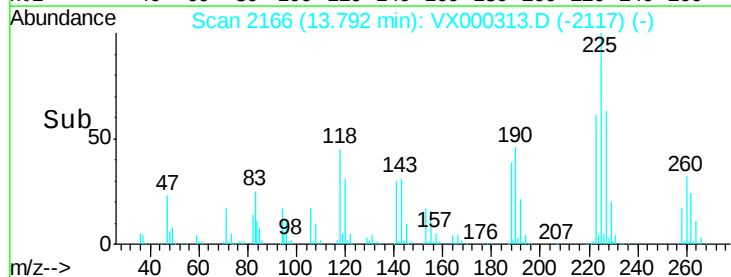
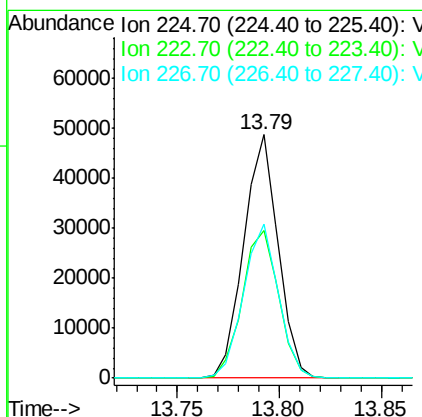
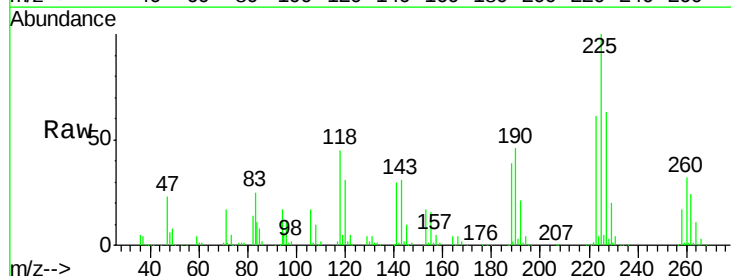
Manual Integrations
 APPROVED

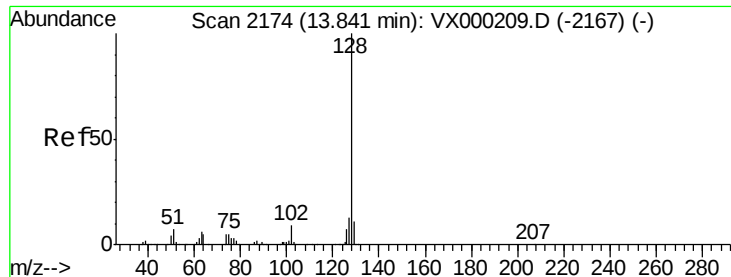
sam
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#94
 Hexachlorobutadiene
 Concen: 46.00 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000313.D
 Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57384		
223	64.0	31.8	95.3	
227	63.7	31.9	95.5	





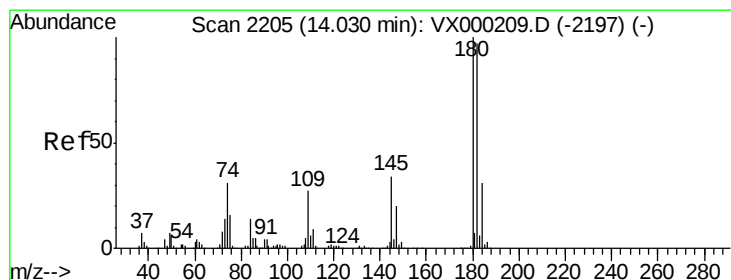
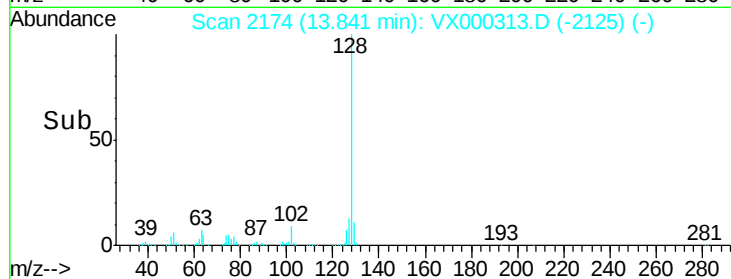
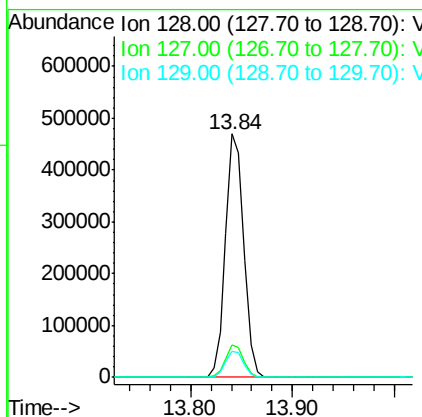
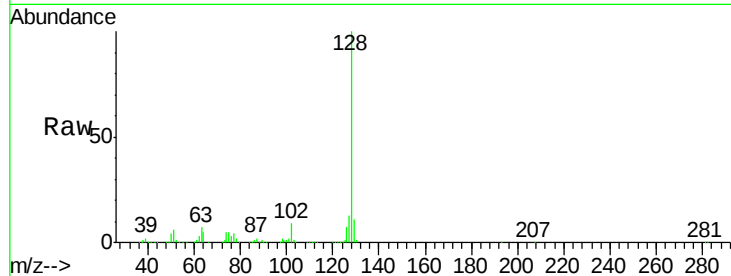
#95
Naphthalene
Concen: 55.51 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.02 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000313.D
Acq: 13 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.0
145	31.6	16.3	48.8

