

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000047.D
 Acq On : 09 Feb 2018 16:58
 Operator : JC/MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:23 PM

Quant Time: Feb 09 22:48:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	152413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	108550	66.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.50%	
35) Dibromofluoromethane	5.52	113	101825	75.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.36%	
50) Toluene-d8	8.73	98	359609	71.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.30%	
62) 4-Bromofluorobenzene	11.15	95	148442	71.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96454	69.62	ug/l	97
3) Chloromethane	1.32	50	99263	69.03	ug/l	98
4) Vinyl Chloride	1.41	62	111860	69.15	ug/l	100
5) Bromomethane	1.64	94	59111	47.89	ug/l	100
6) Chloroethane	1.71	64	67269	70.35	ug/l	100
7) Trichlorofluoromethane	1.92	101	195678	69.87	ug/l	100
8) Diethyl Ether	2.20	74	69186	70.94	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110047	70.50	ug/l	99
10) Methyl Iodide	2.51	142	146232	80.37	ug/l	99
11) Tert butyl alcohol	3.10	59	244916	347.37	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102787	68.11	ug/l	96
13) Acrolein	2.30	56	124912	290.29	ug/l	99
14) Allyl chloride	2.73	41	177377	67.39	ug/l	99
15) Acrylonitrile	3.17	53	401219	352.24	ug/l	99
16) Acetone	2.46	43	336500	254.33	ug/l	98
17) Carbon Disulfide	2.57	76	308147	72.07	ug/l	100
18) Methyl Acetate	2.79	43	178416	69.55	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	362566	71.83	ug/l	99
20) Methylene Chloride	2.86	84	109789	68.76	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112960	70.45	ug/l	98
22) Diisopropyl ether	3.89	45	300887	64.96	ug/l	99
23) Vinyl Acetate	3.84	43	1394981	348.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185350	67.95	ug/l	98
25) 2-Butanone	4.73	43	522674	320.05	ug/l	99
26) 2,2-Dichloropropane	4.59	77	164385	71.05	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	113132	72.32	ug/l	100
28) Bromochloromethane	5.04	49	58154	64.30	ug/l	98
29) Tetrahydrofuran	5.19	42	361681	356.90	ug/l	99
30) Chloroform	5.23	83	192806	73.67	ug/l	100
31) Cyclohexane	5.59	56	155262	72.37	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	181235	72.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	144819	75.78	ug/l	99
37) Ethyl Acetate	4.89	43	191766	72.56	ug/l	100
38) Carbon Tetrachloride	5.79	117	170492	84.62	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	180216	74.04	ug/l	100
40) Benzene	6.15	78	421571	75.21	ug/l	99
41) Methacrylonitrile	5.09	41	97631	70.91	ug/l	98
42) 1,2-Dichloroethane	6.21	62	149278	74.46	ug/l	100
43) Isopropyl Acetate	6.49	43	289377	74.42	ug/l	99
44) Trichloroethene	7.23	130	131625	74.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	102620	73.48	ug/l	97
46) Dibromomethane	7.67	93	80365	73.92	ug/l	98
47) Bromodichloromethane	7.91	83	155817	76.69	ug/l	98
48) Methyl methacrylate	7.79	41	140691	73.31	ug/l	100
49) 1,4-Dioxane	7.77	88	79974	1450.19	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1058612	381.07	ug/l	99
52) Toluene	8.79	92	287196	76.44	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	184633	77.89	ug/l	98
54) cis-1,3-Dichloropropene	9.06	75	184709	79.91	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	118406	75.26	ug/l	98
56) Ethyl methacrylate	9.20	69	191597	78.36	ug/l	99
57) 1,3-Dichloropropane	9.38	76	187166	74.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.33	63	448511	412.26	ug/l	100
59) 2-Hexanone	9.51	43	867406	364.83	ug/l	100
60) Dibromochloromethane	9.59	129	144875	81.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	135176	77.97	ug/l	98
64) Tetrachloroethene	9.34	164	125055	74.03	ug/l	97
65) Chlorobenzene	10.15	112	340559	75.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	127707	77.74	ug/l	99
67) Ethyl Benzene	10.26	91	565725	75.08	ug/l	99
68) m/p-Xylenes	10.37	106	453368	152.04	ug/l	100
69) o-Xylene	10.71	106	221715	76.52	ug/l	99
70) Styrene	10.72	104	375741	78.05	ug/l	100
71) Bromoform	10.87	173	128421	82.99	ug/l	99
73) Isopropylbenzene	11.03	105	593483	76.48	ug/l	100
74) N-amyl acetate	6.49	43	289377	74.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	203090	76.49	ug/l	99
76) 1,2,3-Trichloropropane	11.31	75	176029m	73.18	ug/l	
77) Bromobenzene	11.26	156	163140	78.90	ug/l	100
78) n-propylbenzene	11.37	91	688308	76.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	396094	77.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	500203	76.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	77019	88.65	ug/l	98
82) 4-Chlorotoluene	11.52	91	475194	76.63	ug/l	100
83) tert-Butylbenzene	11.78	119	502178	76.04	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	514669	76.40	ug/l	98
85) sec-Butylbenzene	11.96	105	615609	75.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	554643	75.88	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	302395	75.35	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	306420	75.22	ug/l	100
89) n-Butylbenzene	12.40	91	513467	75.21	ug/l	100
90) Hexachloroethane	12.60	117	98476	83.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	292355	74.68	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57163	73.23	ug/l	98

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VSTDICC075

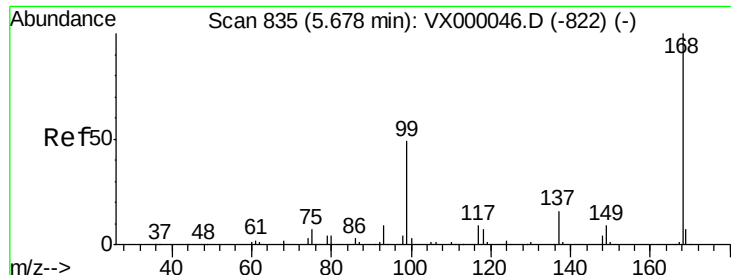
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	224028	74.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	108481	78.42	ug/l	99
95) Naphthalene	13.85	128	741975	73.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	220036	74.33	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: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion:168 Resp: 152413

Ion Ratio Lower Upper

168 100

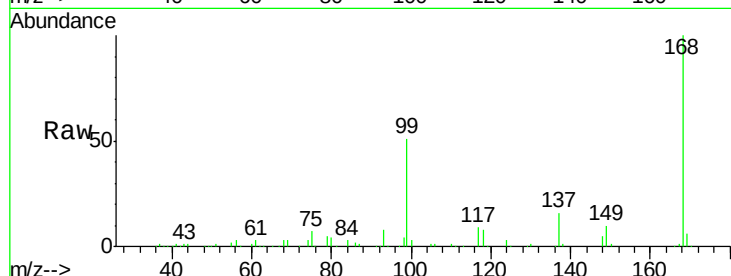
99 50.7 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

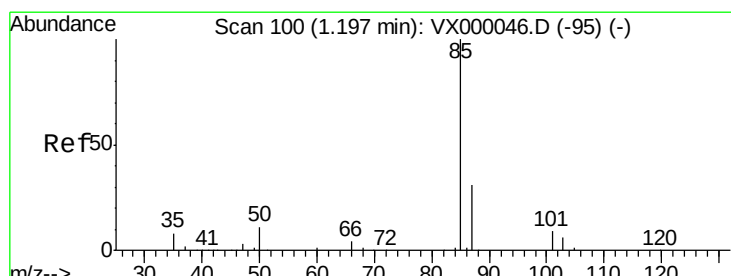
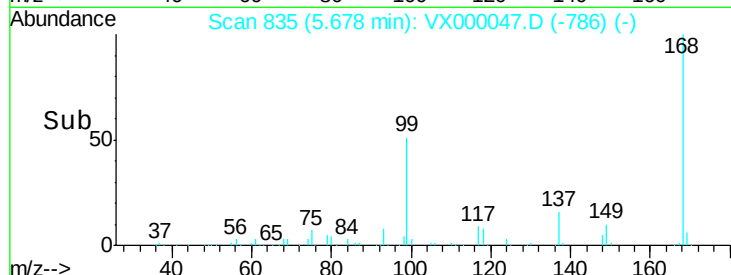
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 69.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000047.D

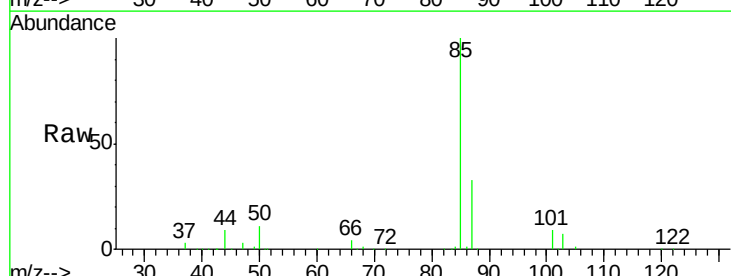
Acq: 09 Feb 2018 16:58

Tgt Ion: 85 Resp: 96454

Ion Ratio Lower Upper

85 100

87 33.2 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

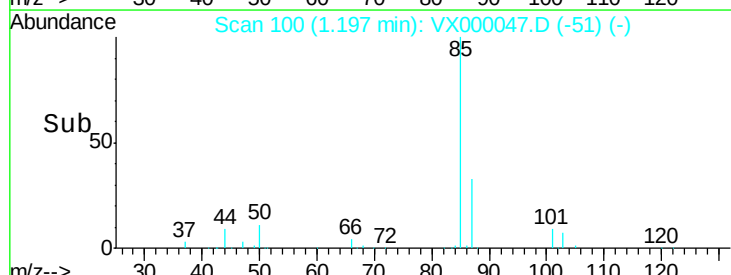
60000

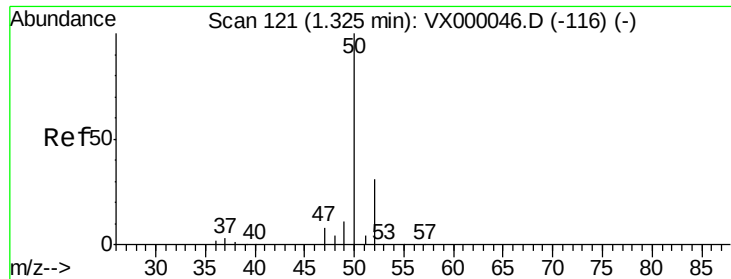
40000

20000

0

Time-->





#3

Chloromethane

Concen: 69.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

Tgt Ion: 50 Resp: 99263

Ion Ratio Lower Upper

50 100

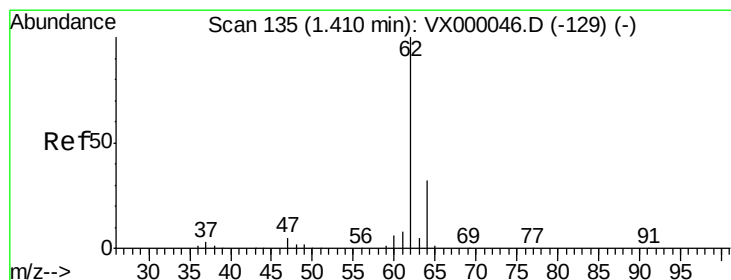
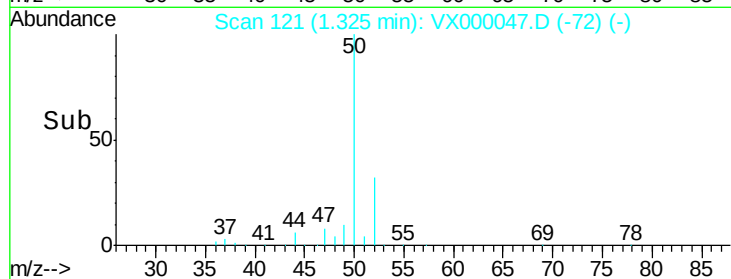
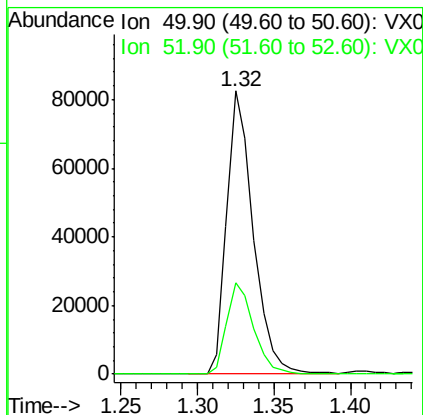
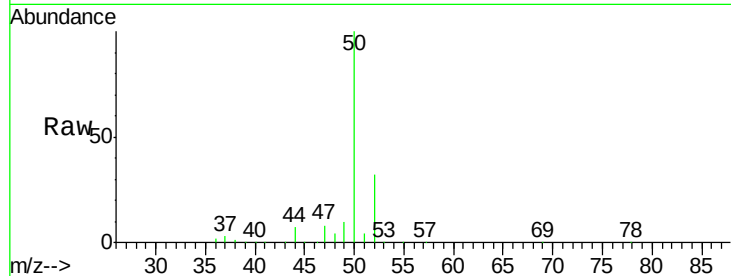
52 32.5 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 69.15 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000047.D

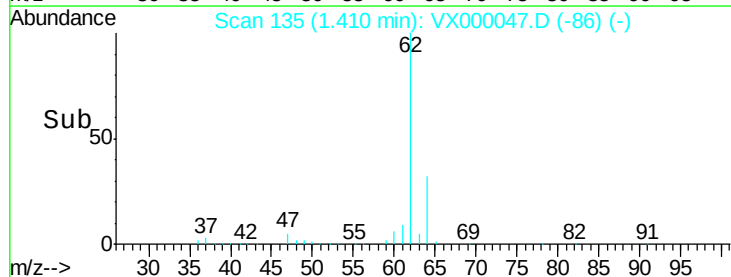
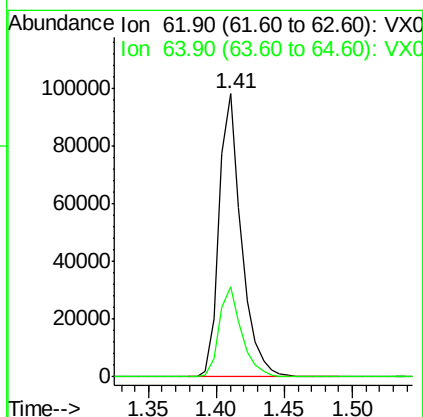
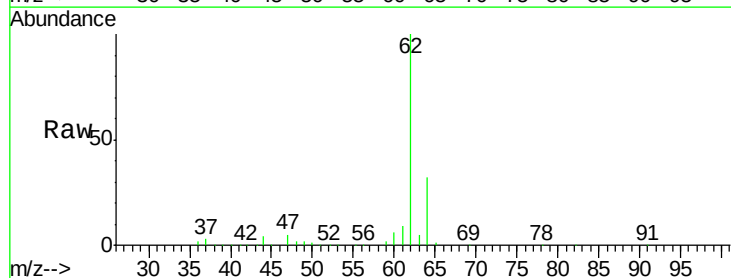
Acq: 09 Feb 2018 16:58

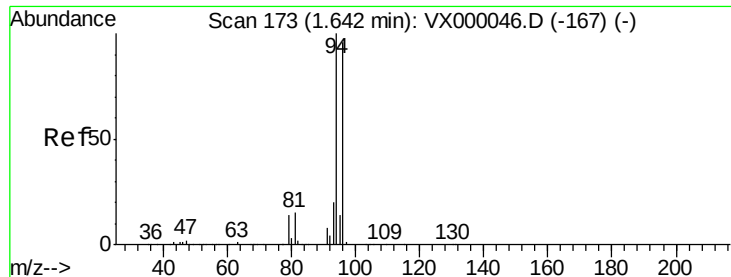
Tgt Ion: 62 Resp: 111860

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 47.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 94 Resp: 59111

Ion Ratio Lower Upper

94 100

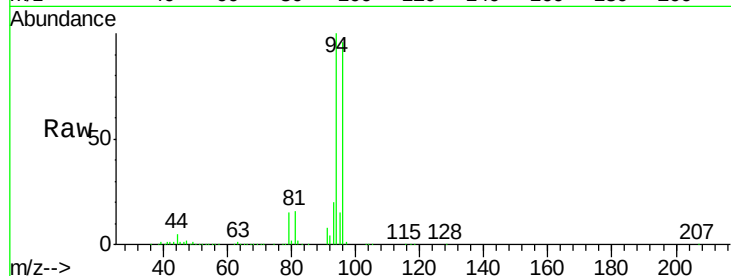
96 96.0 76.7 115.1

Manual Integrations

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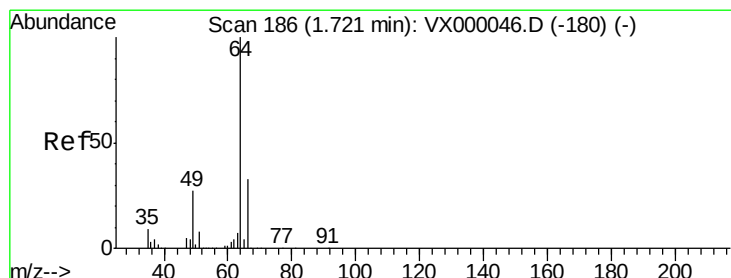
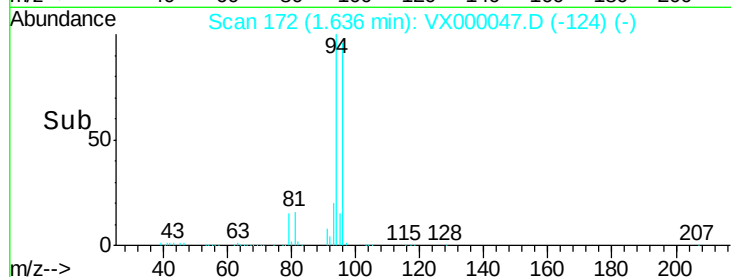
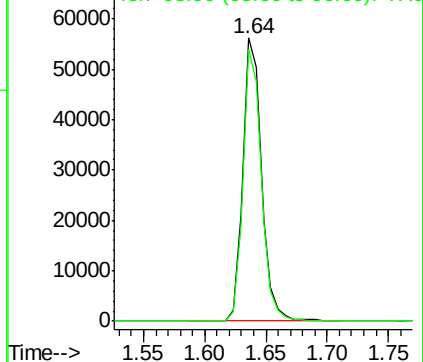
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 70.35 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000047.D

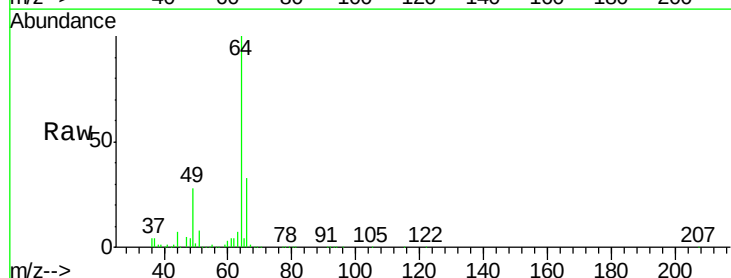
Acq: 09 Feb 2018 16:58

Tgt Ion: 64 Resp: 67269

Ion Ratio Lower Upper

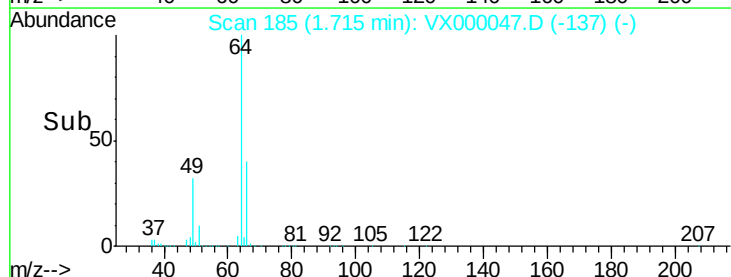
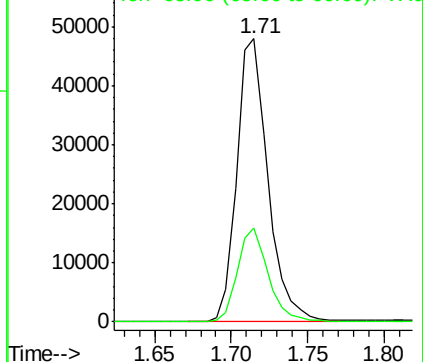
64 100

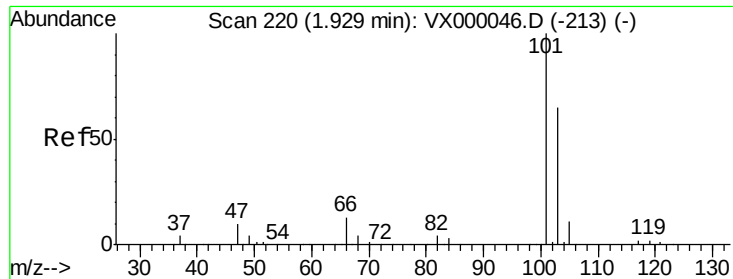
66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

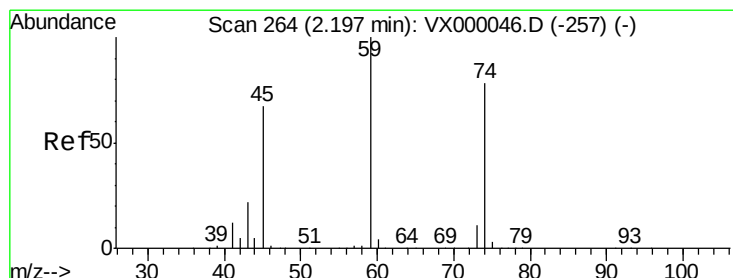
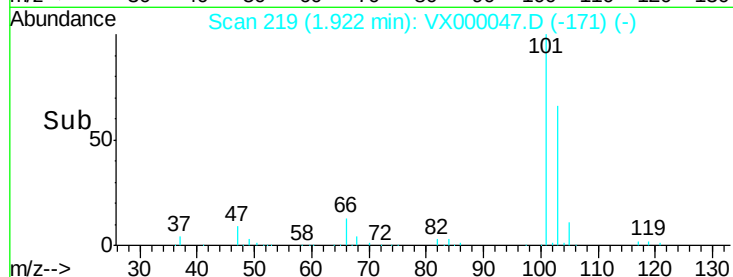
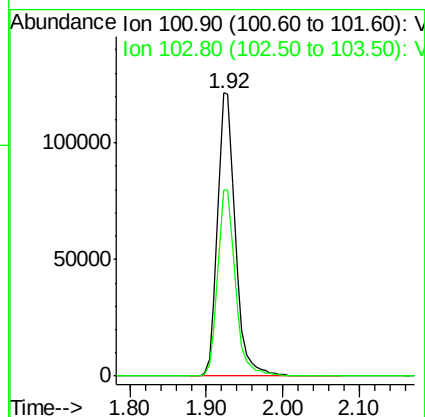
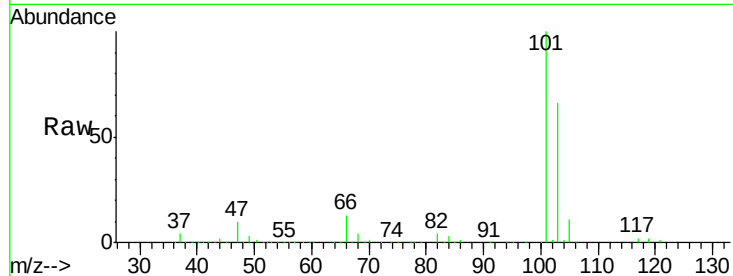
Trichlorofluoromethane
Concen: 69.87 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 101 Resp: 195678
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5

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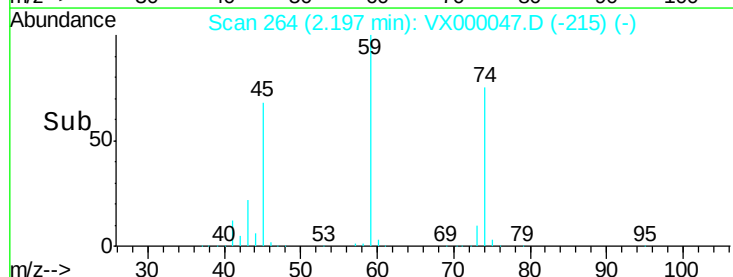
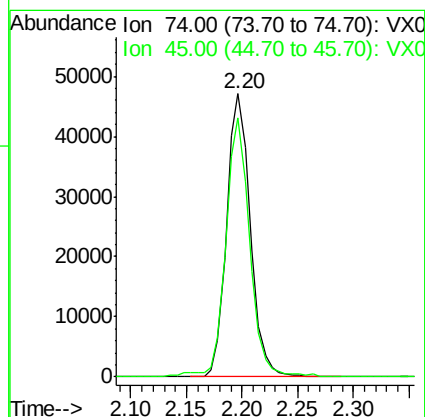
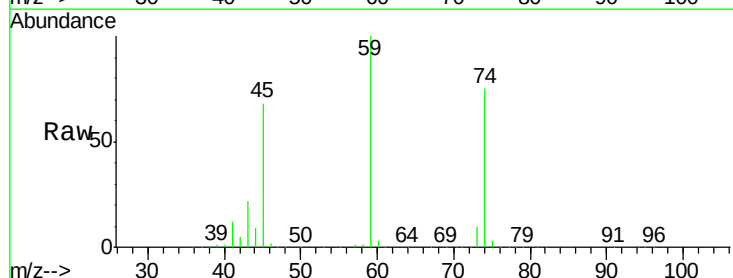
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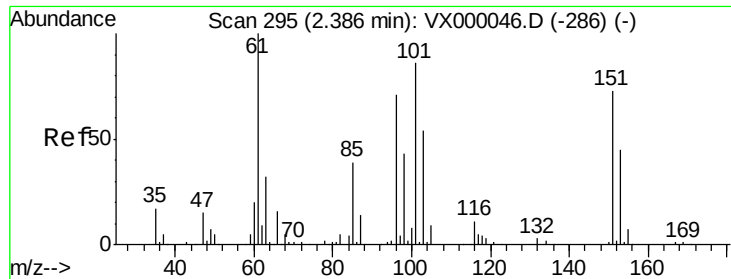


#8

Diethyl Ether
Concen: 70.94 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 74 Resp: 69186
Ion Ratio Lower Upper
74 100
45 92.2 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 70.50 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

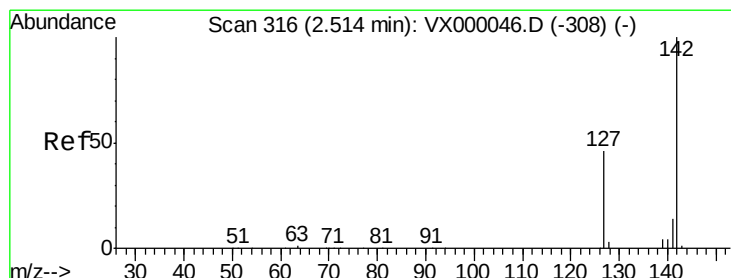
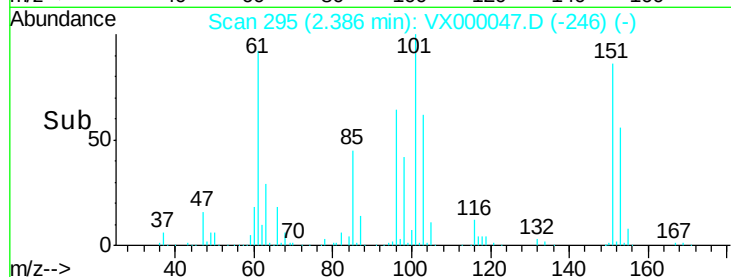
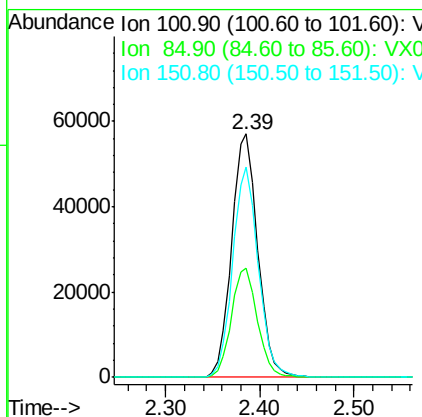
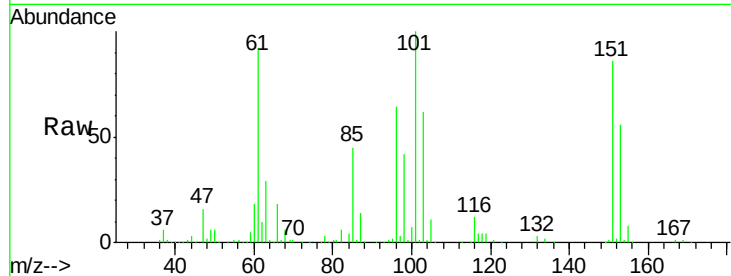
ClientSampled :

VSTDIC075

Tgt Ion:	101	Resp:	110047
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.6	54.8
151	84.9	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 80.37 ug/l

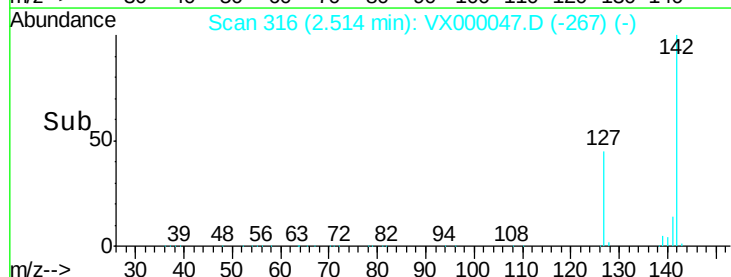
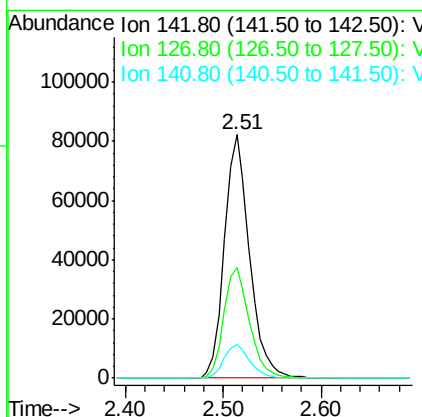
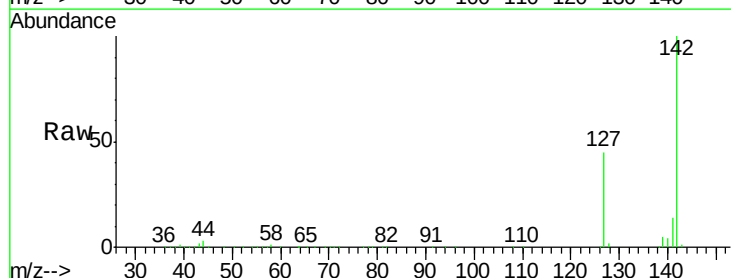
RT: 2.51 min Scan# 316

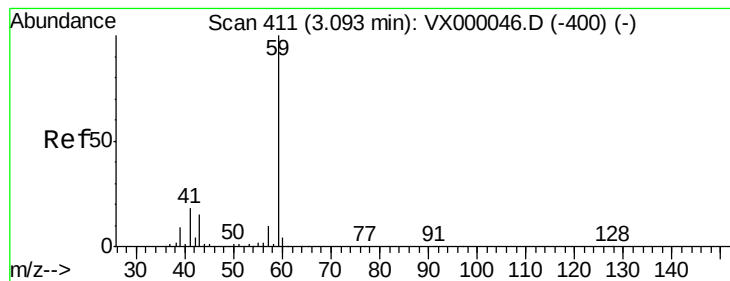
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	142	Resp:	146232
Ion Ratio	Lower	Upper	
142	100		
127	46.7	36.8	55.2
141	14.1	11.4	17.0





#11

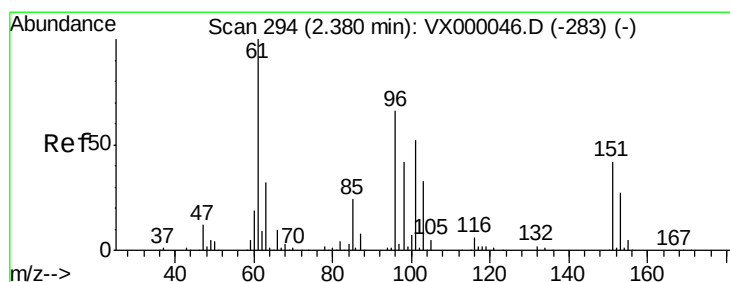
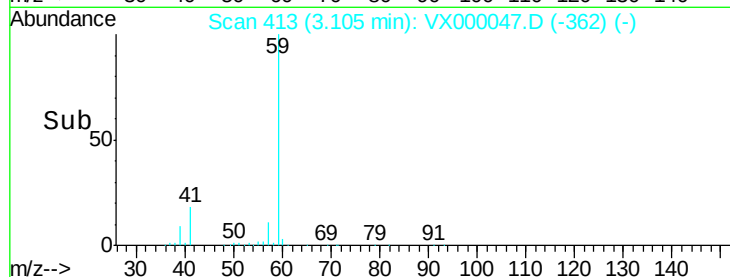
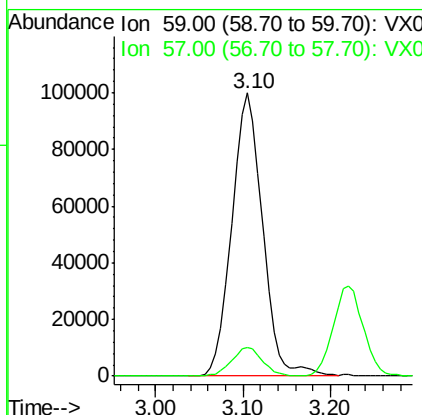
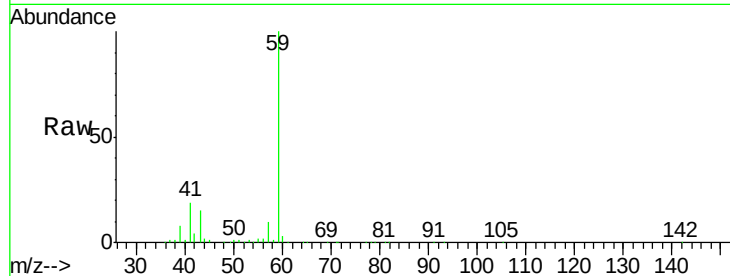
Tert butyl alcohol
Concen: 347.37 ug/l
RT: 3.10 min Scan# 413
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 244916
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

Manual Integrations
APPROVED

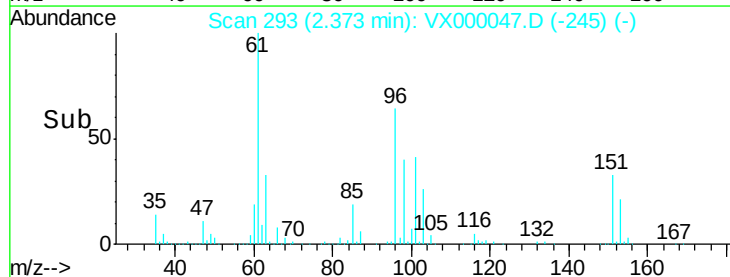
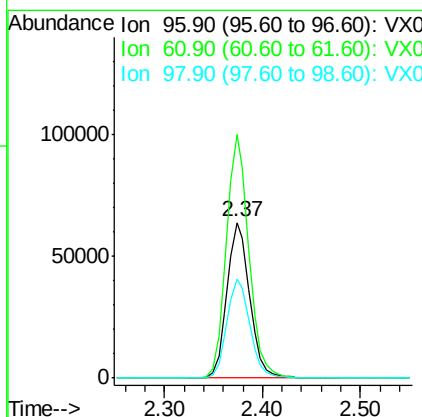
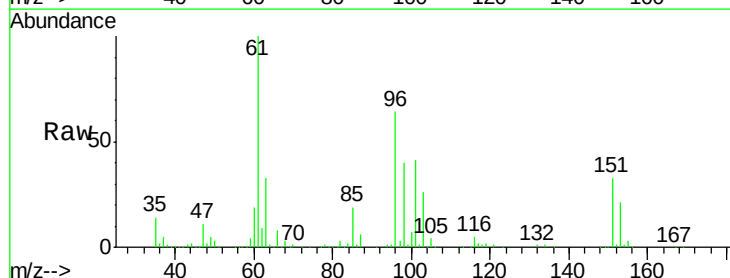
sam
2/14/2018 5:30:23 PM

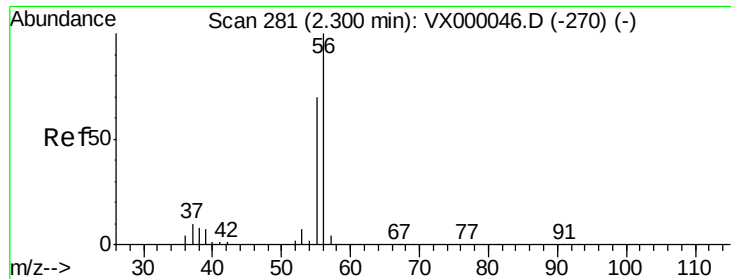


#12

1,1-Dichloroethene
Concen: 68.11 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 96 Resp: 102787
Ion Ratio Lower Upper
96 100
61 156.6 120.3 180.5
98 63.3 51.0 76.4





#13

Acrolein

Concen: 290.29 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 56 Resp: 124912

Ion Ratio Lower Upper

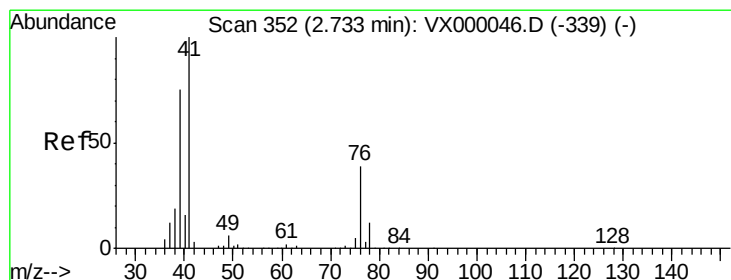
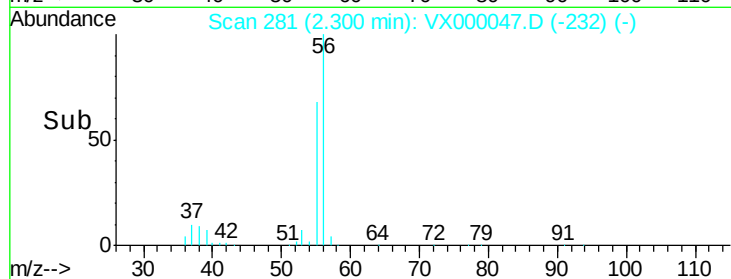
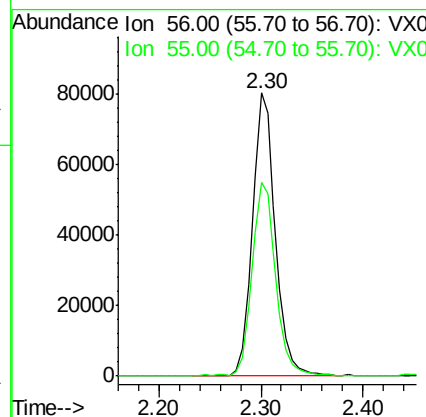
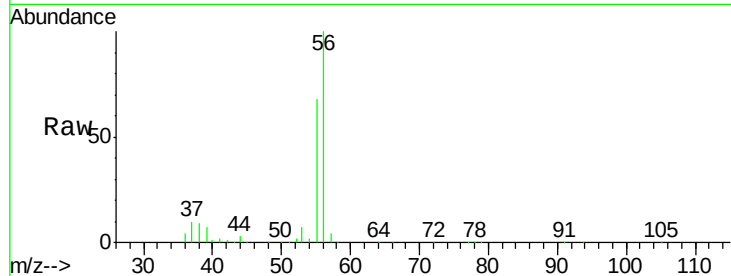
56 100

55 71.3 56.4 84.6

Manual Integrations
APPROVED

sam

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#14

Allyl chloride

Concen: 67.39 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

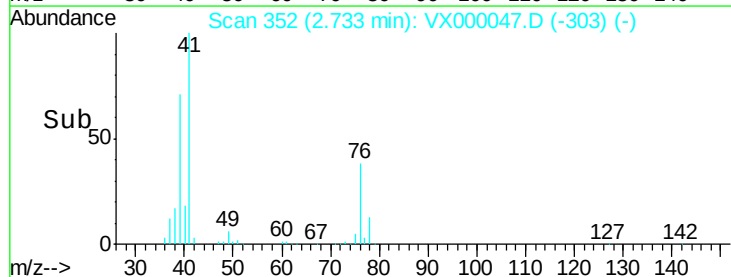
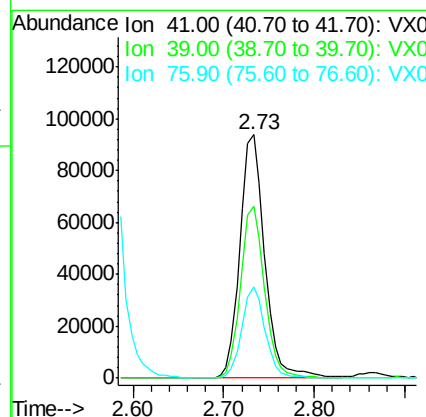
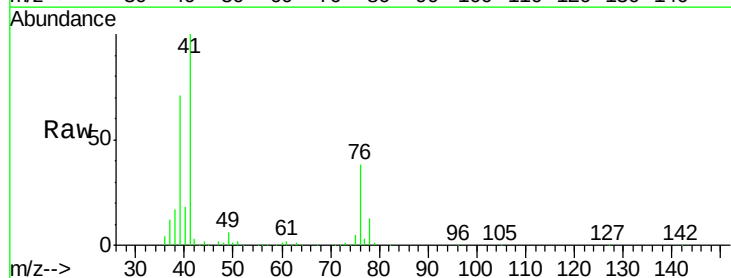
Tgt Ion: 41 Resp: 177377

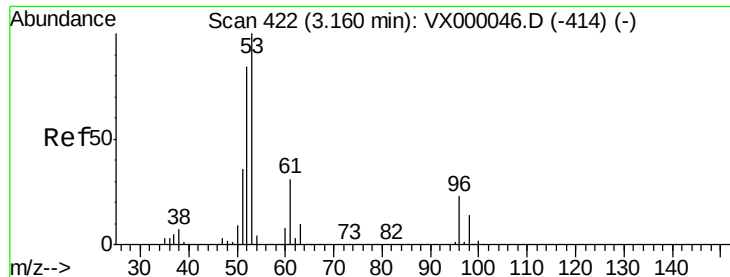
Ion Ratio Lower Upper

41 100

39 68.3 55.8 83.6

76 35.3 28.7 43.1





#15

Acrylonitrile

Concen: 352.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

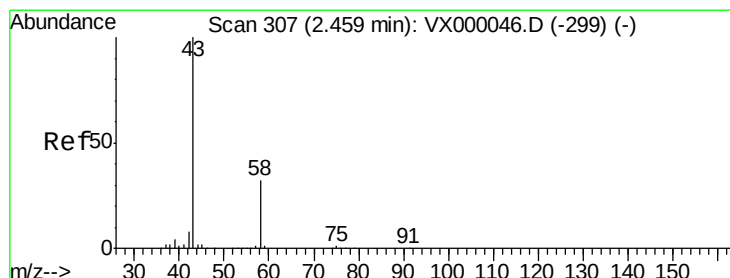
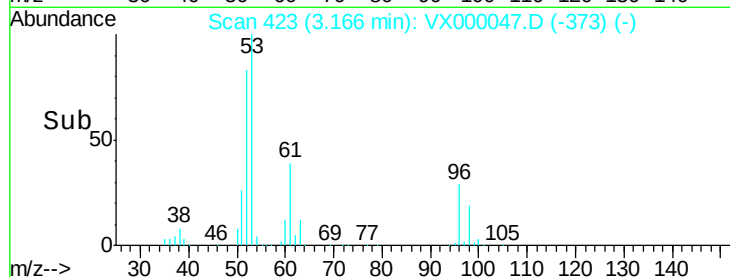
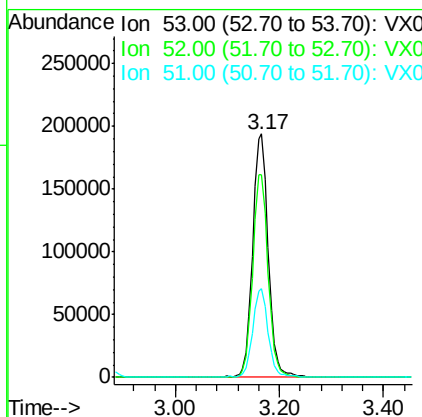
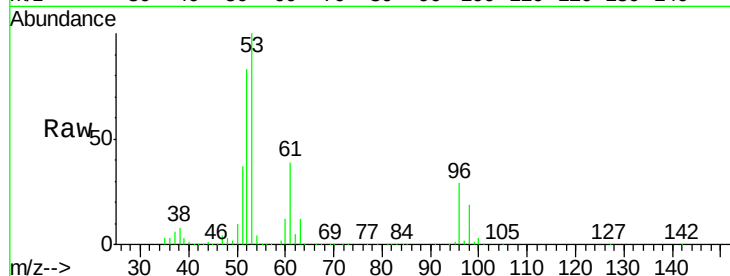
ClientSampled :

VSTDIC075

Tgt Ion:	53	Resp:	401219
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.5	99.7
51	36.1	29.1	43.7

Manual Integrations
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sam
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#16

Acetone

Concen: 254.33 ug/l

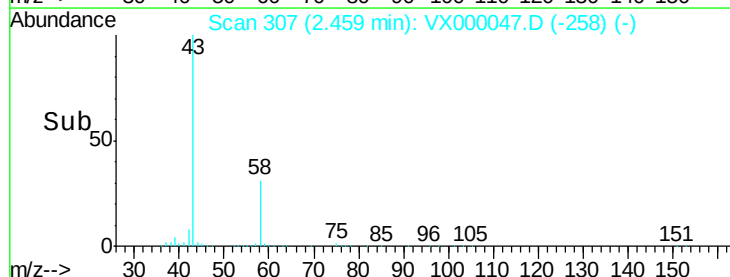
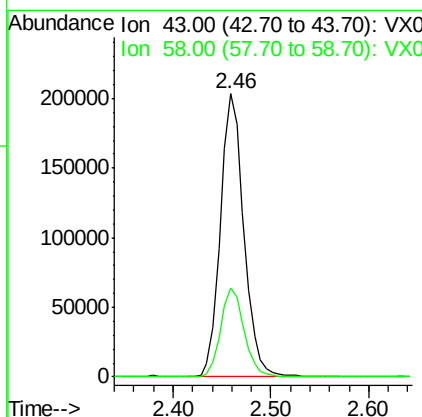
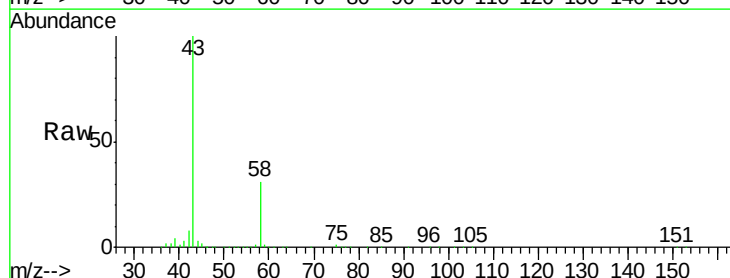
RT: 2.46 min Scan# 307

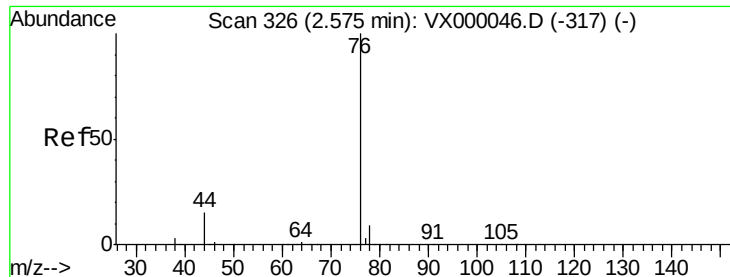
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	43	Resp:	336500
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.9	38.9





#17

Carbon Disulfide

Concen: 72.07 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 308147

Ion Ratio Lower Upper

76 100

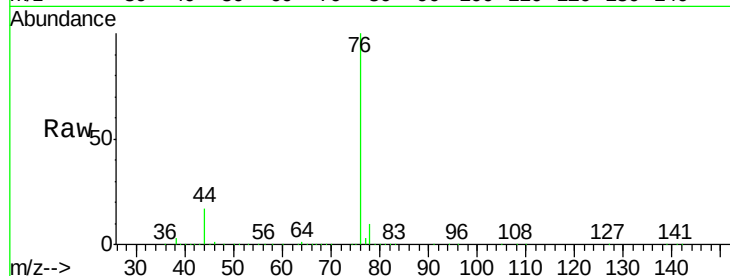
78 9.6 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

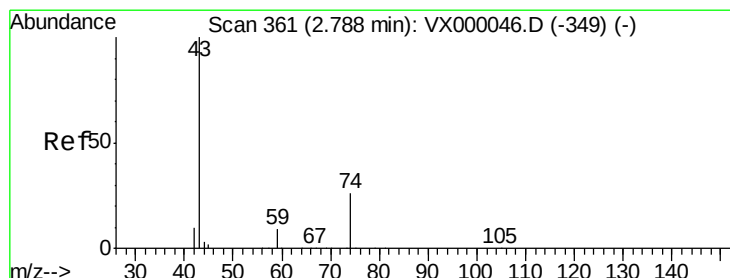
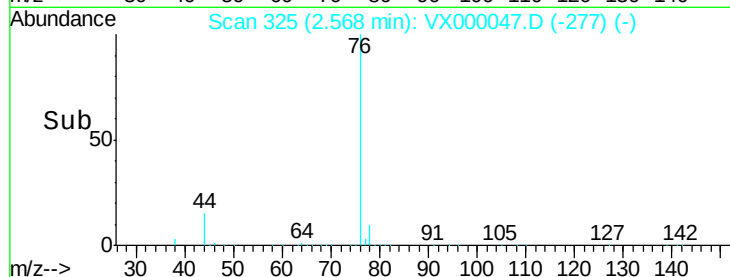
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 69.55 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000047.D

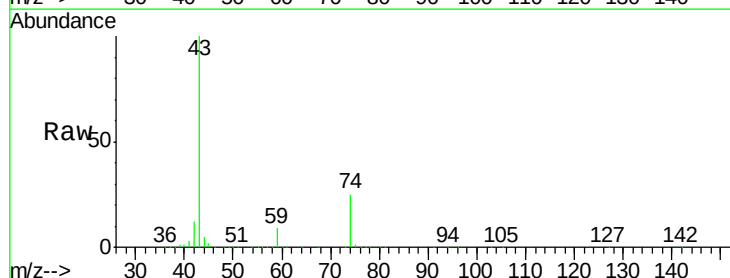
Acq: 09 Feb 2018 16:58

Tgt Ion: 43 Resp: 178416

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

100000

80000

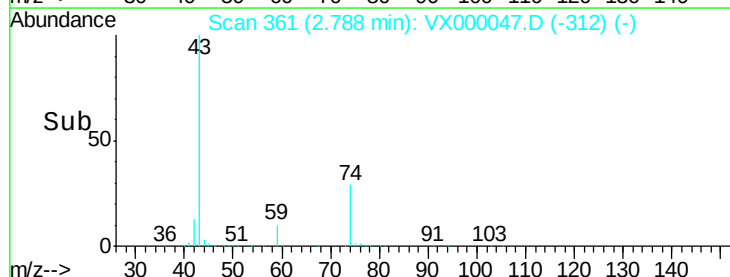
60000

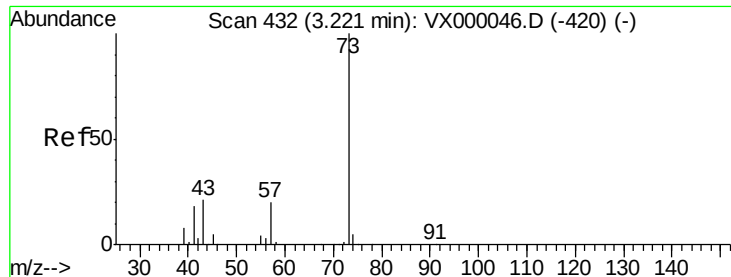
40000

20000

0

Time-->





#19

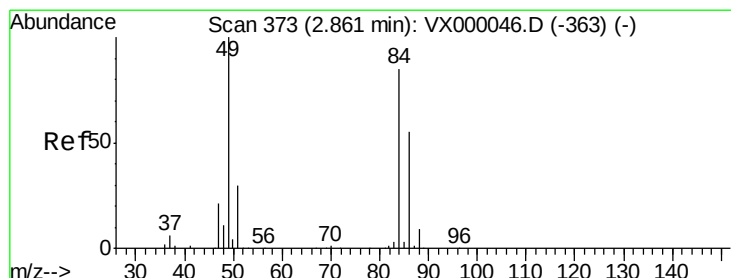
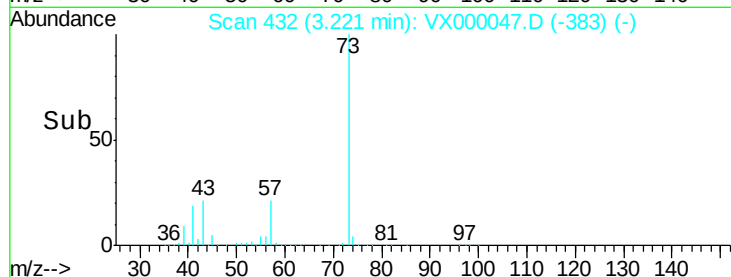
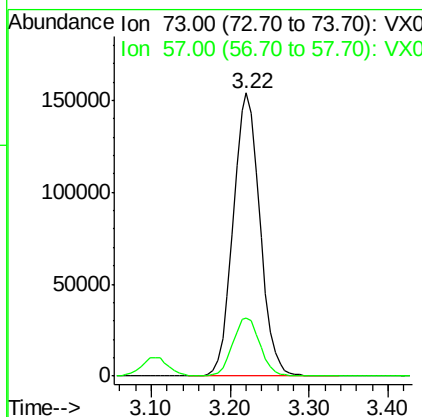
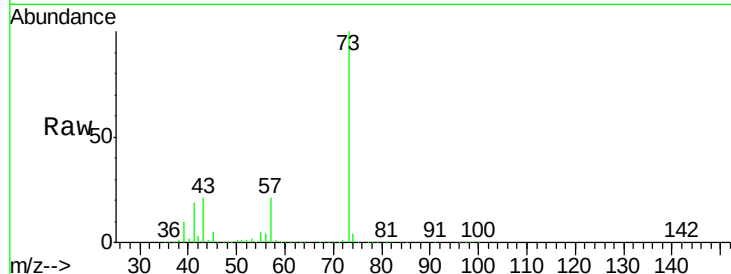
Methyl tert-butyl Ether
Concen: 71.83 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 362566
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.4

Manual Integrations
APPROVED

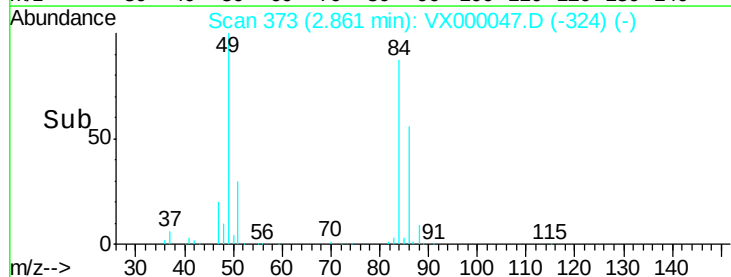
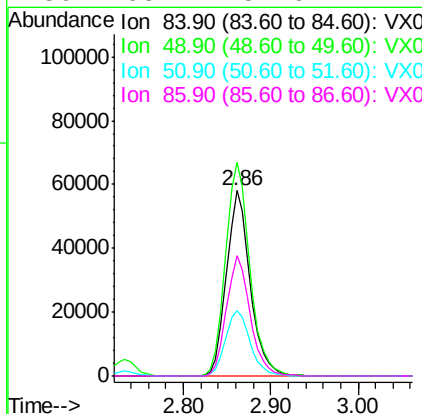
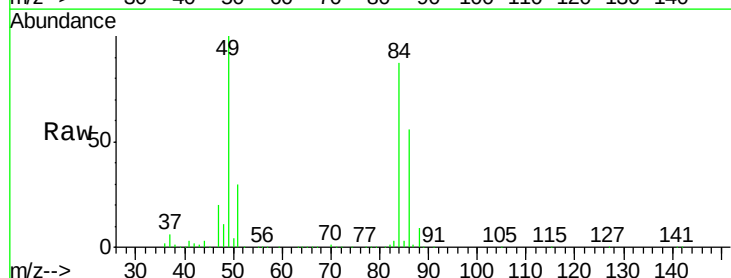
sam
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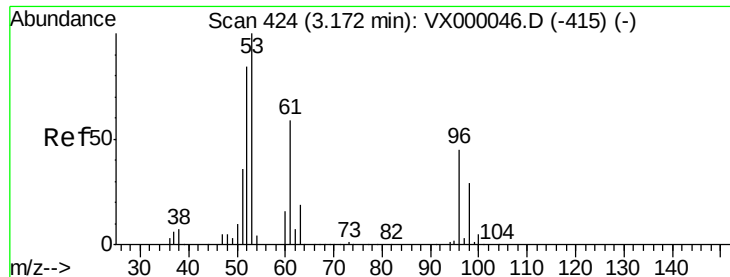


#20

Methylene Chloride
Concen: 68.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 84 Resp: 109789
Ion Ratio Lower Upper
84 100
49 115.5 94.4 141.6
51 35.1 28.3 42.5
86 65.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 70.45 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

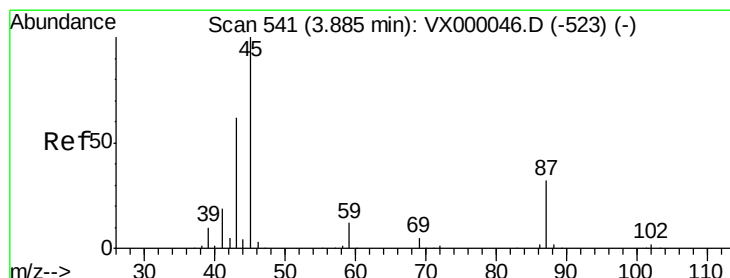
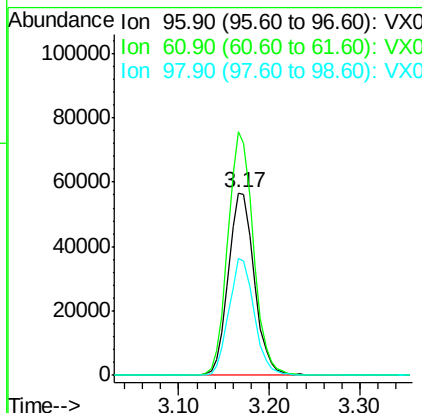
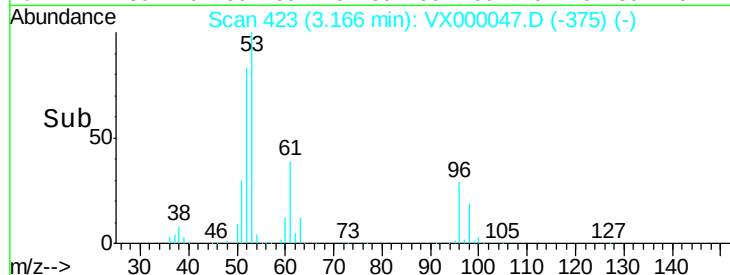
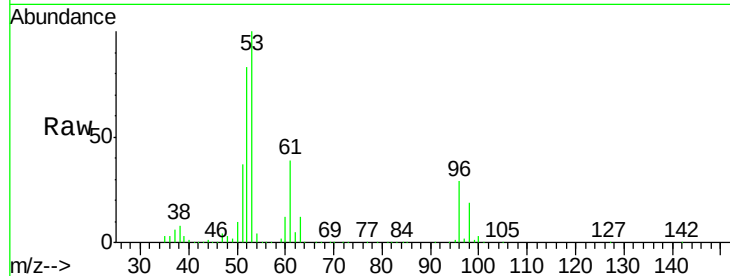
ClientSampleId :

VSTDIC075

Tgt Ion:	96	Resp:	112960
Ion	Ratio	Lower	Upper
96	100		
61	133.5	104.9	157.3
98	64.3	52.4	78.6

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 64.96 ug/l

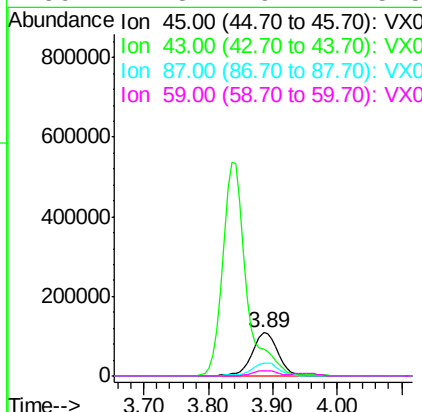
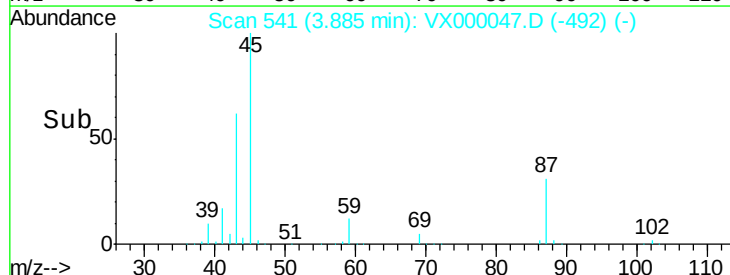
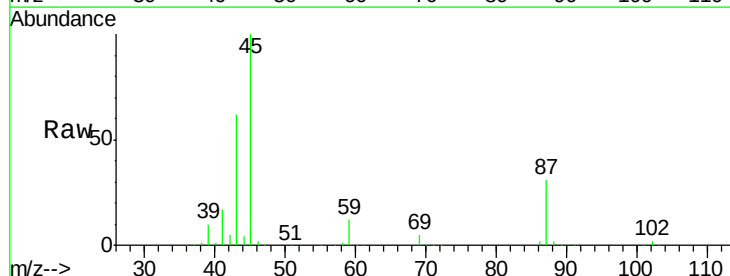
RT: 3.89 min Scan# 541

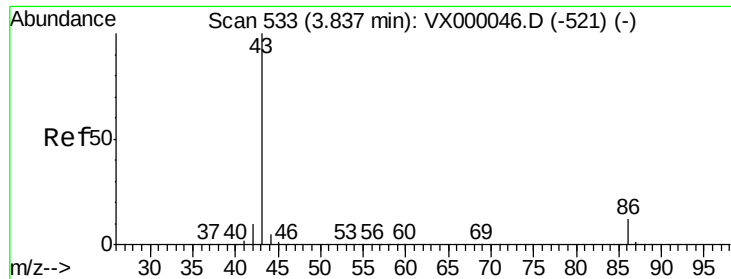
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	45	Resp:	300887
Ion	Ratio	Lower	Upper
45	100		
43	61.5	49.6	74.4
87	31.4	25.9	38.9
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 348.67 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 1394981

Ion Ratio Lower Upper

43 100

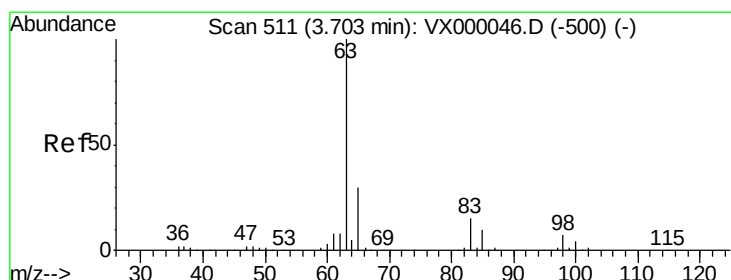
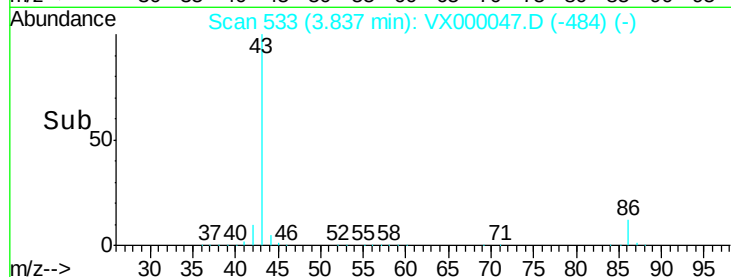
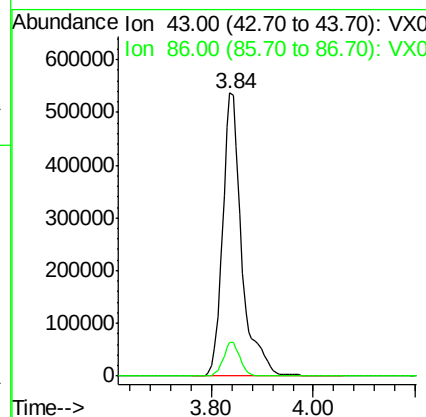
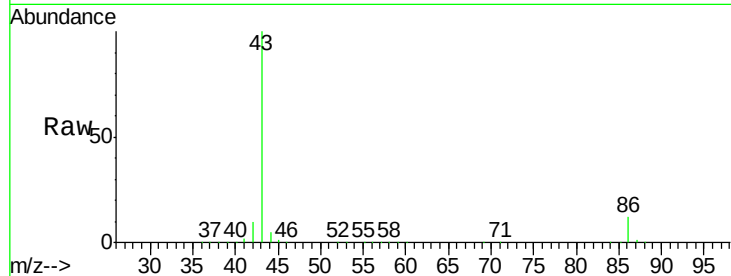
86 11.9 9.3 13.9

Manual Integrations

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sam

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#24

1,1-Dichloroethane

Concen: 67.95 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

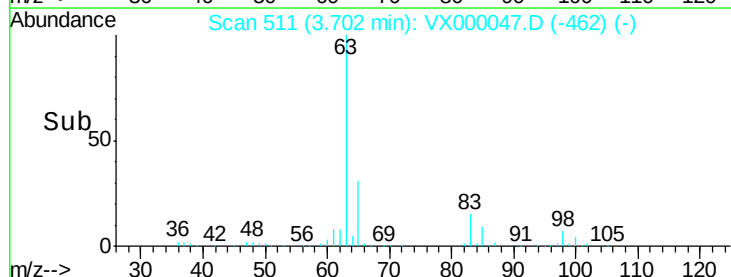
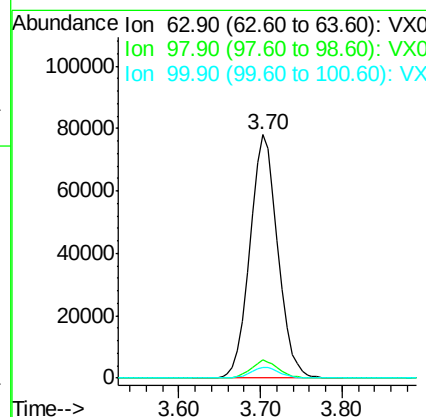
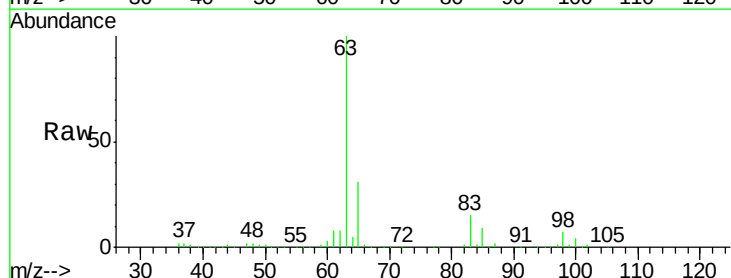
Tgt Ion: 63 Resp: 185350

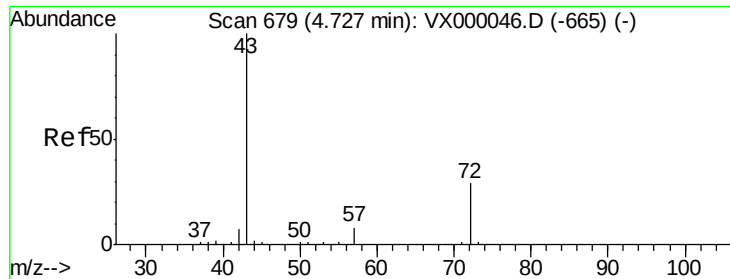
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.9

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 320.05 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

Tgt Ion: 43 Resp: 522674

Ion Ratio Lower Upper

43 100

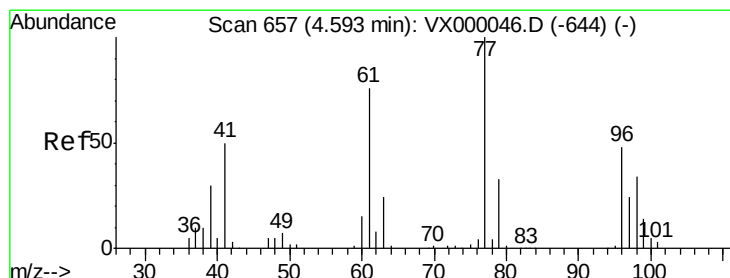
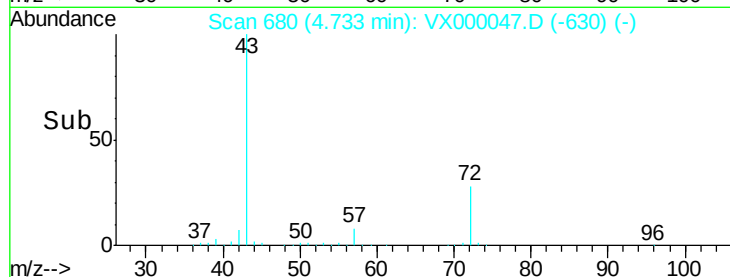
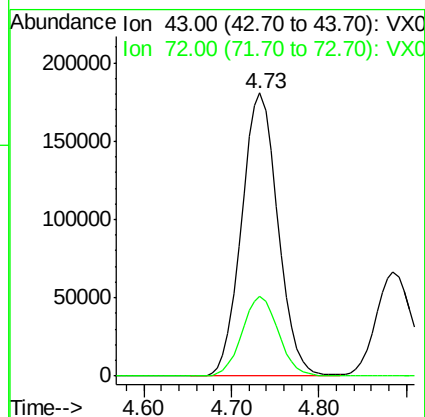
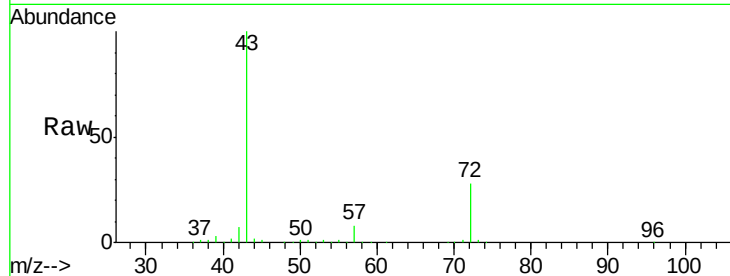
72 28.0 23.0 34.6

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 71.05 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000047.D

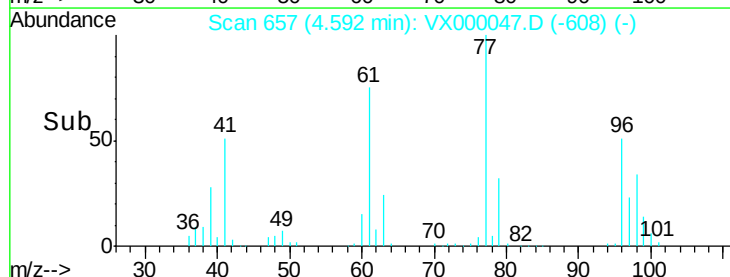
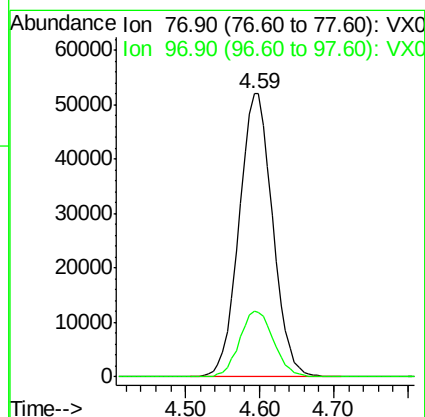
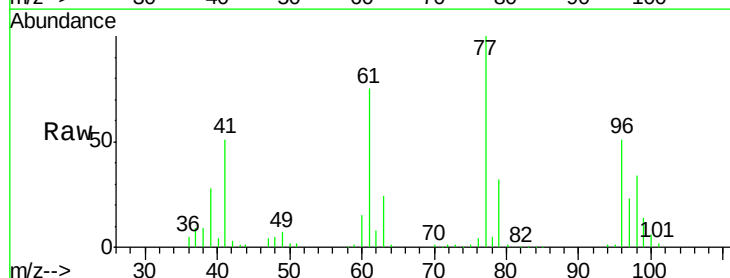
Acq: 09 Feb 2018 16:58

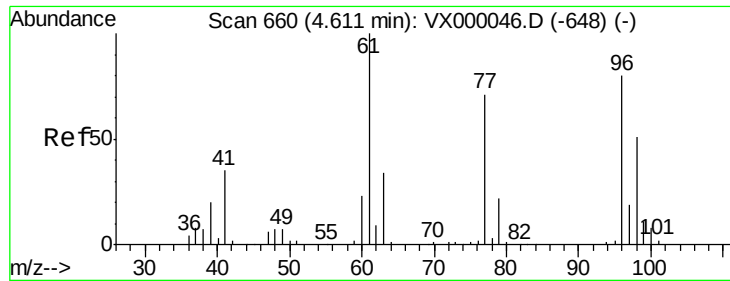
Tgt Ion: 77 Resp: 164385

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 72.32 ug/l

RT: 4.61 min Scan# 660

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

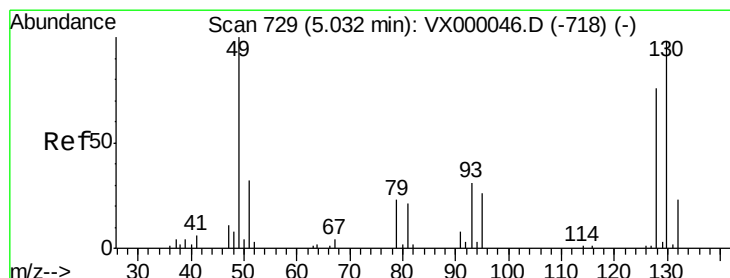
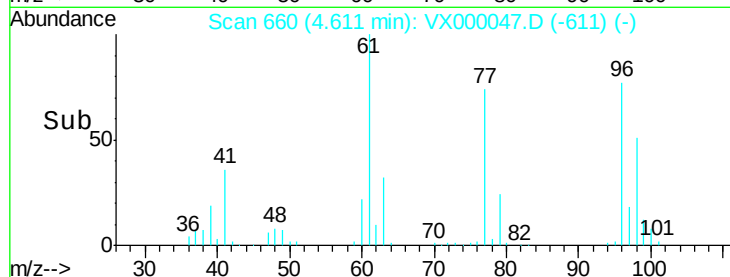
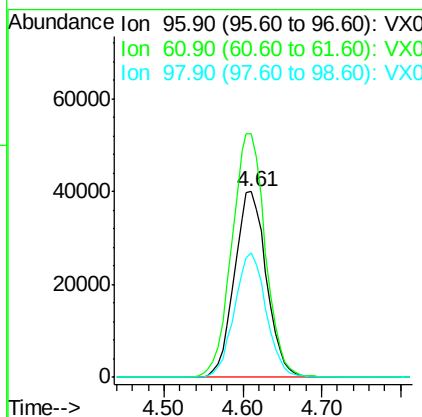
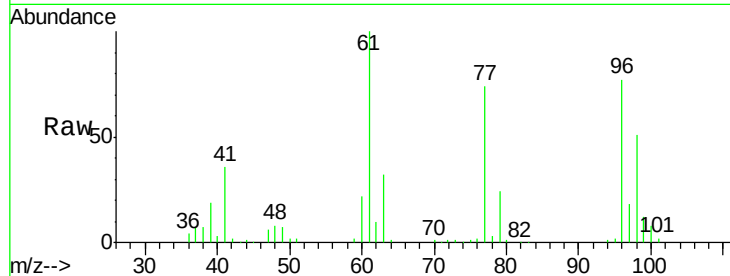
ClientSampled :

VSTDIC075

Tgt Ion:	96	Resp:	113132
Ion Ratio	Lower	Upper	
96	100		
61	137.0	0.0	274.4
98	66.3	0.0	132.4

Manual Integrations
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sam
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#28

Bromochloromethane

Concen: 64.30 ug/l

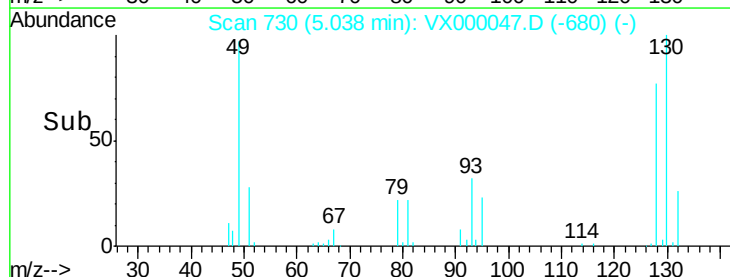
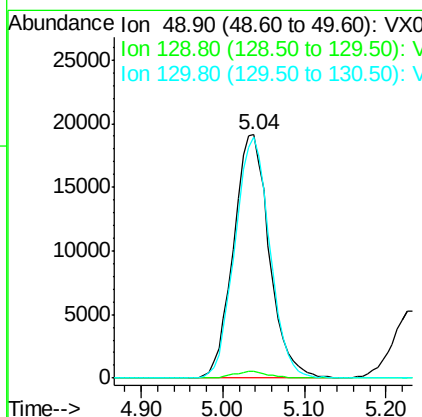
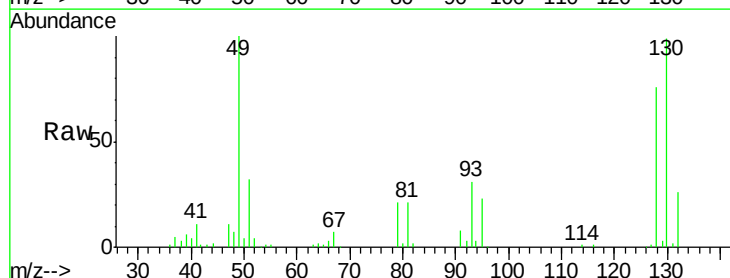
RT: 5.04 min Scan# 730

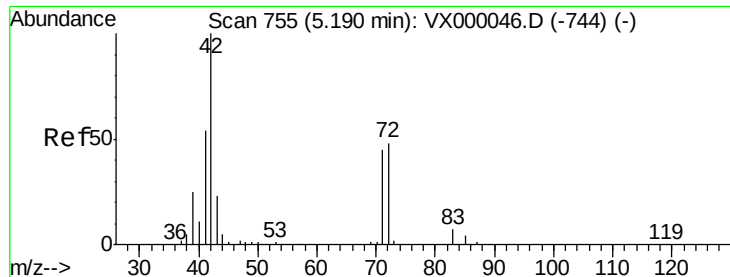
Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	49	Resp:	58154
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	5.0
130	97.0	75.6	113.4





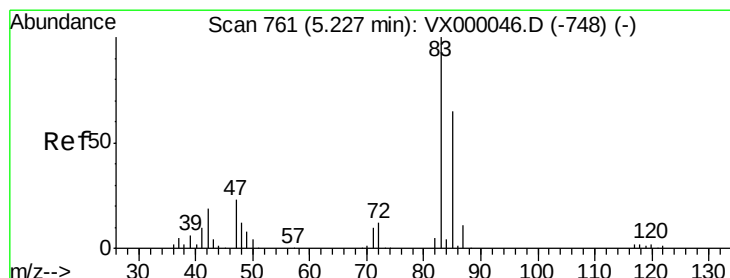
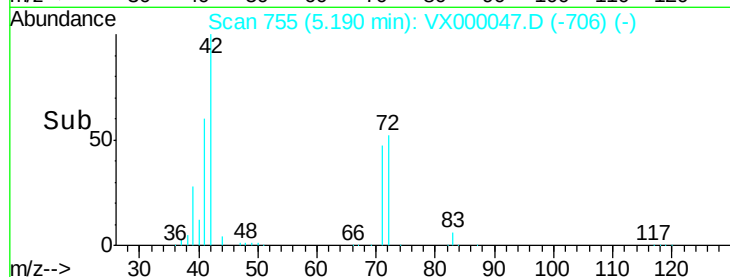
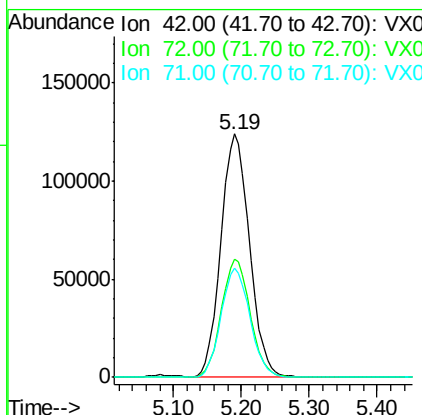
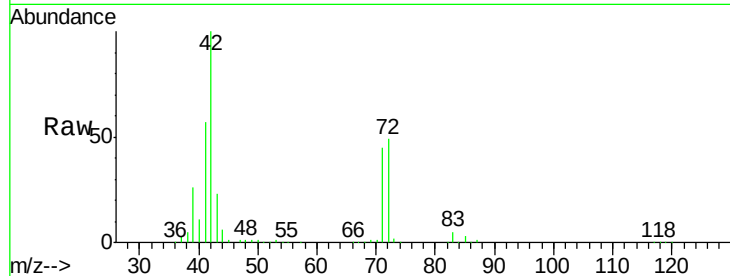
#29
Tetrahydrofuran
Concen: 356.90 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.1	39.0	58.6
71	45.4	36.7	55.1

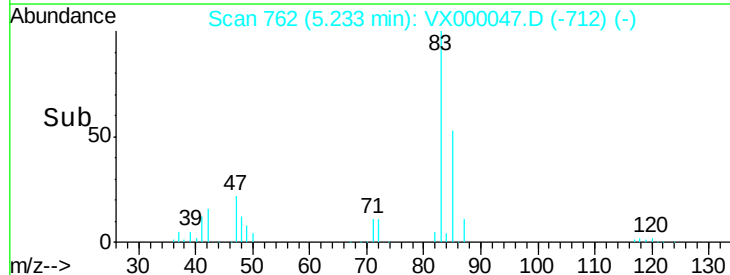
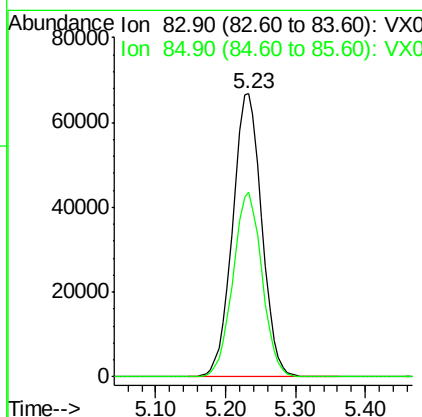
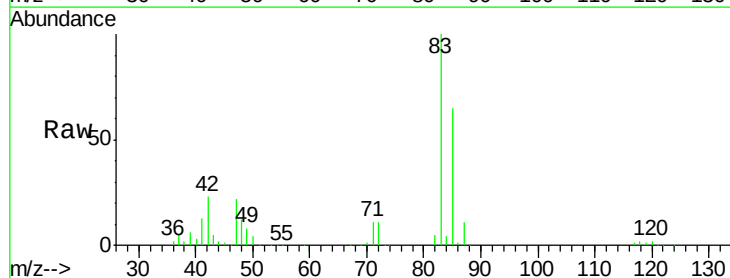
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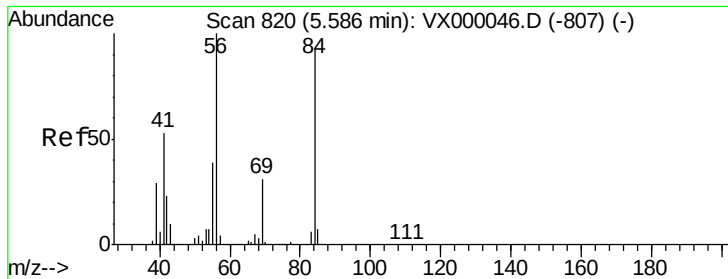
sam
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#30
Chloroform
Concen: 73.67 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





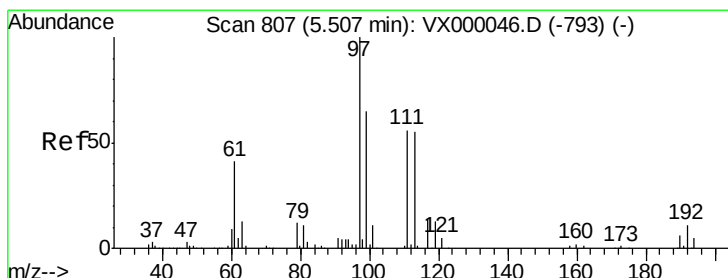
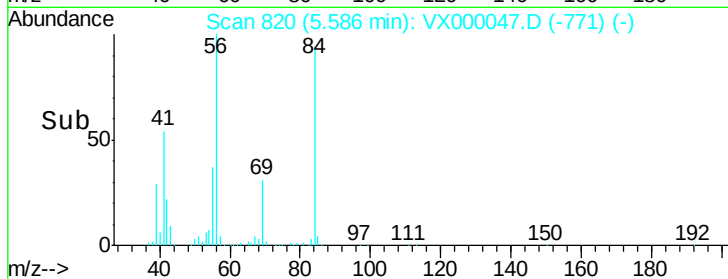
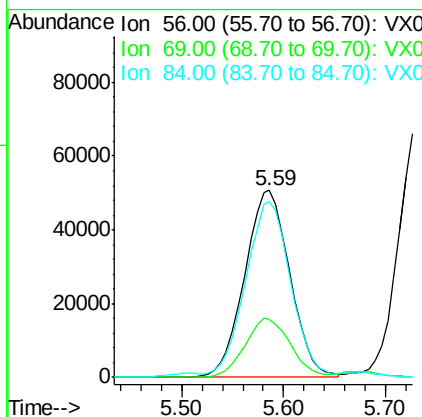
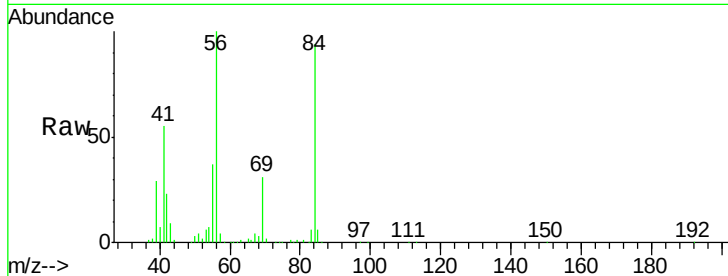
#31
Cyclohexane
Concen: 72.37 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.5	36.7
84	92.3	74.8	112.2

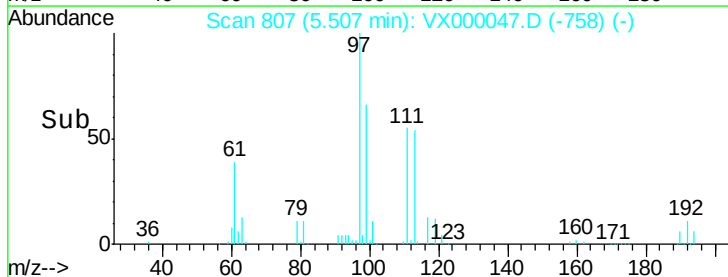
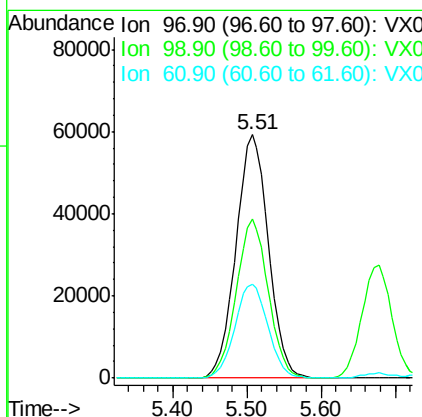
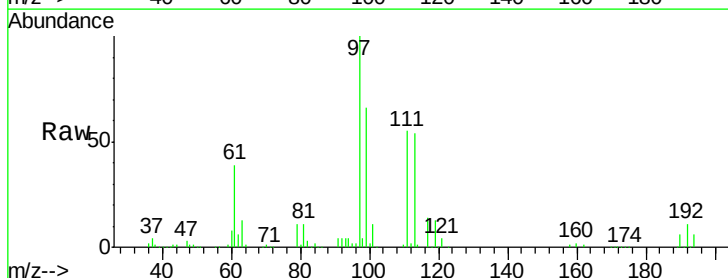
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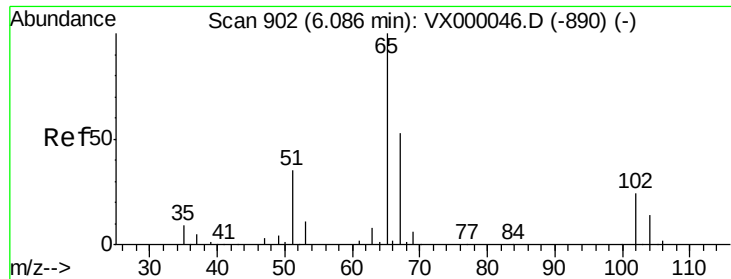
sam
2/14/2018 5:30:23 PM



#32
1,1,1-Trichloroethane
Concen: 72.28 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	39.4	32.1	48.1





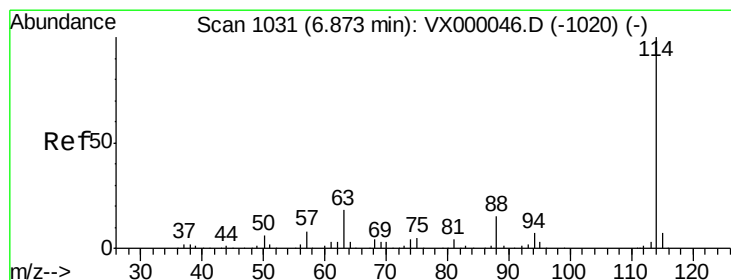
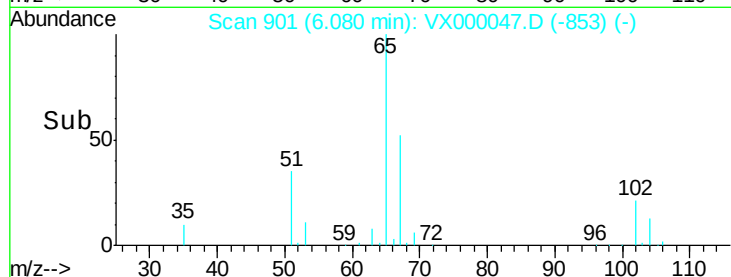
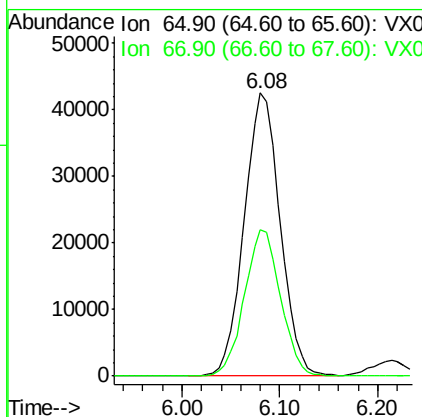
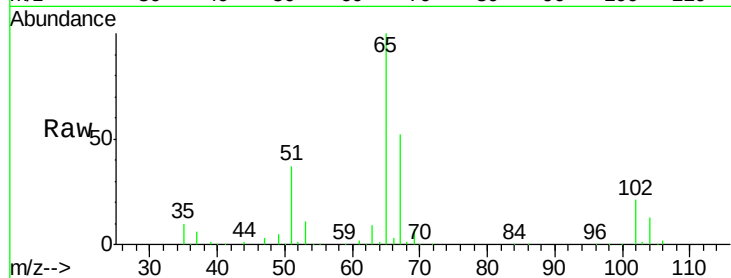
#33
 1,2-Dichloroethane-d4
 Concen: 66.75 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion: 65 Resp: 108550
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.0

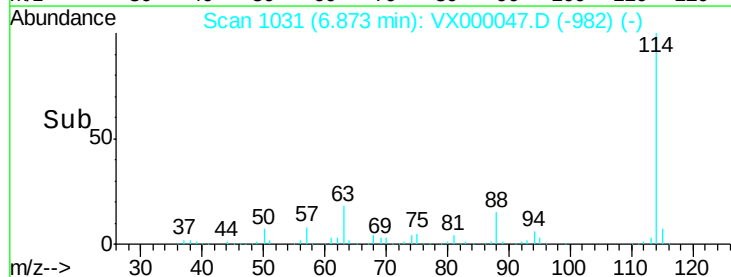
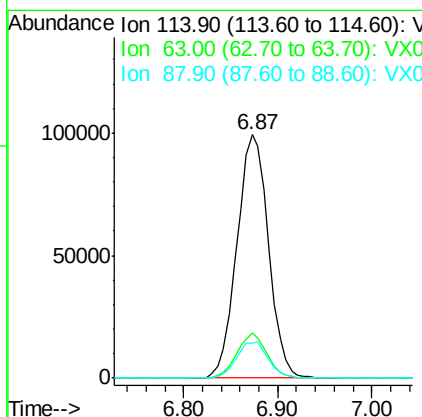
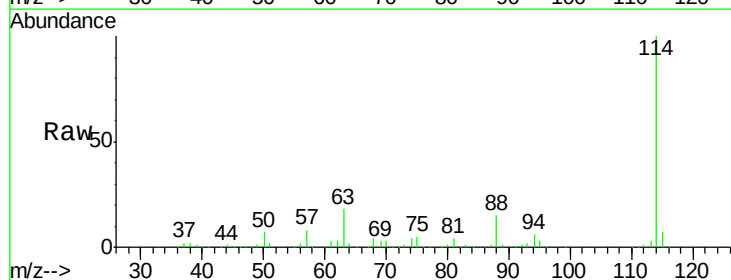
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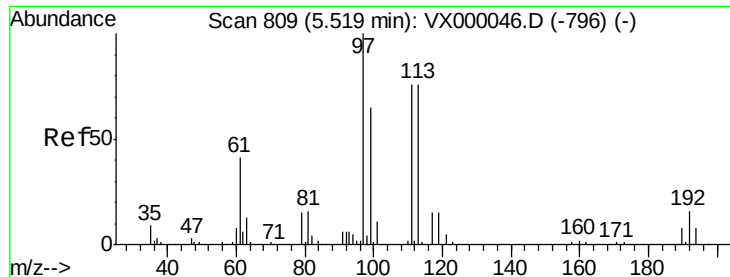
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 114 Resp: 232280
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 14.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 75.68 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

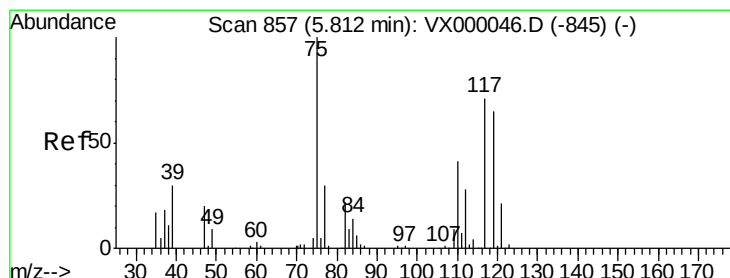
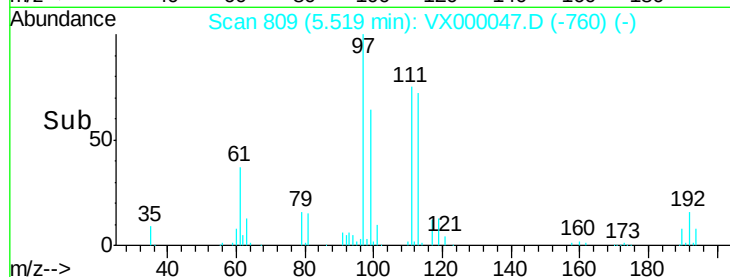
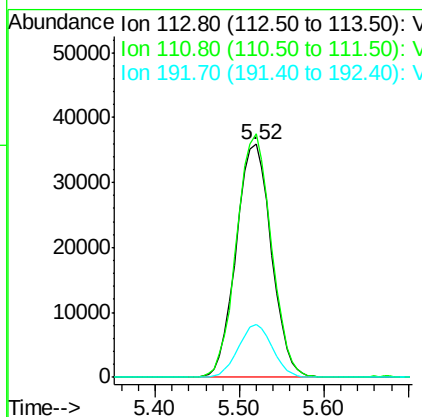
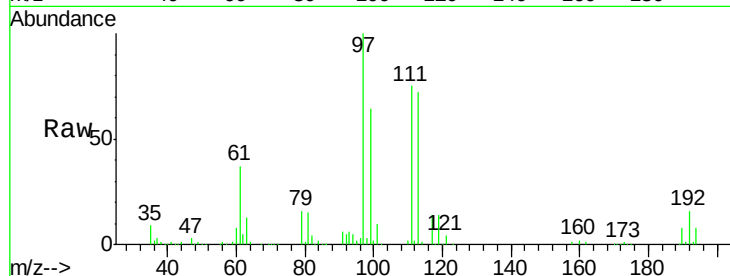
ClientSampled :

VSTDIC075

Tgt Ion:	113	Resp:	101825
Ion Ratio	Lower	Upper	
113	100		
111	102.9	80.5	120.7
192	22.0	16.9	25.3

Manual Integrations
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sam
2/14/2018 5:30:23 PM



#36

1,1-Dichloropropene

Concen: 75.78 ug/l

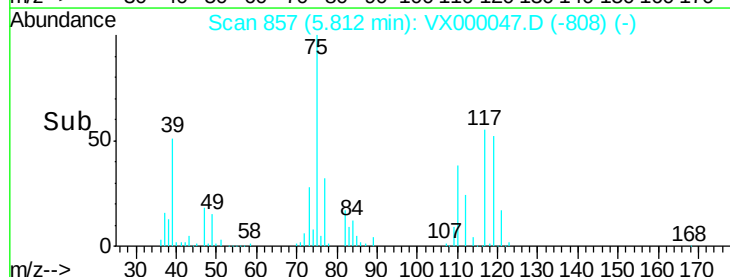
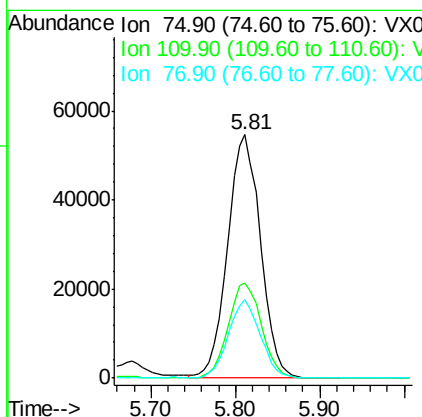
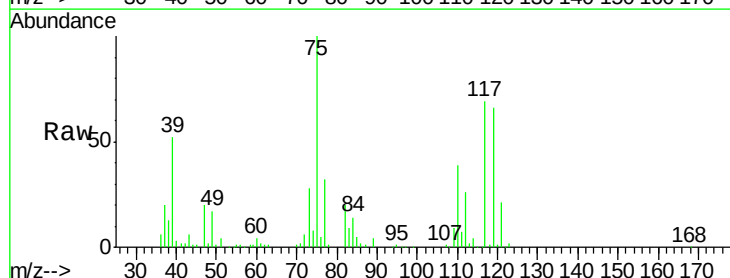
RT: 5.81 min Scan# 857

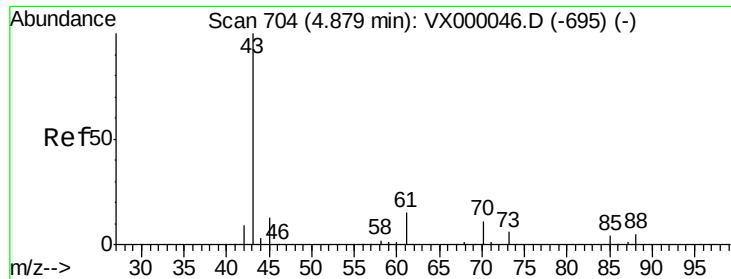
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	75	Resp:	144819
Ion Ratio	Lower	Upper	
75	100		
110	39.2	19.4	58.4
77	31.1	24.2	36.4





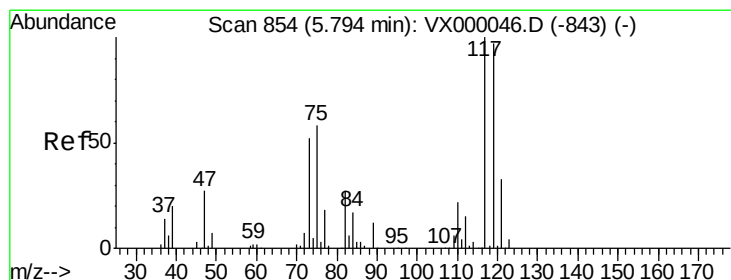
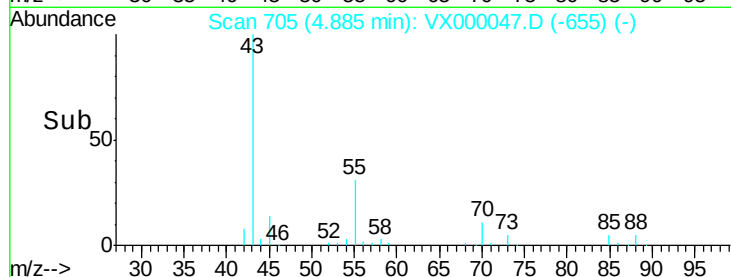
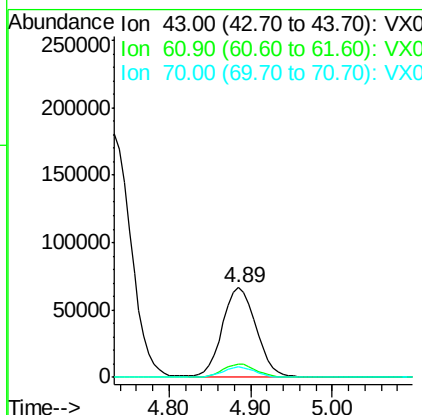
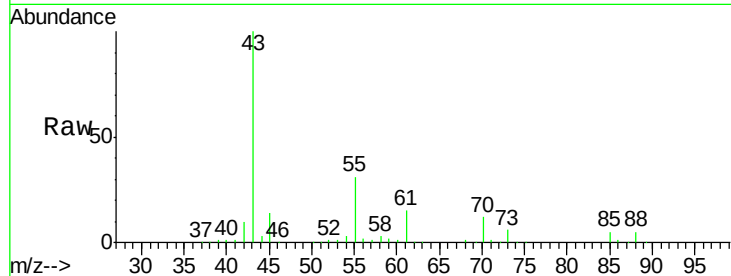
#37
Ethyl Acetate
Concen: 72.56 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion: 43 Resp: 191766
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.2
70 11.1 9.0 13.6

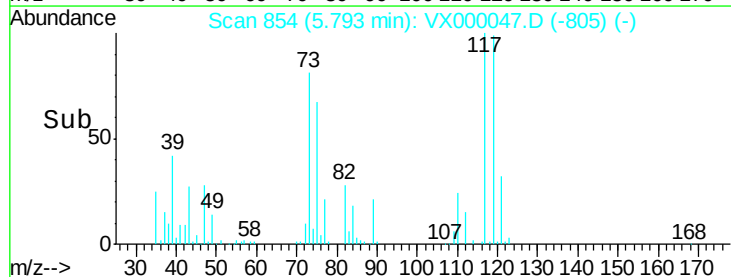
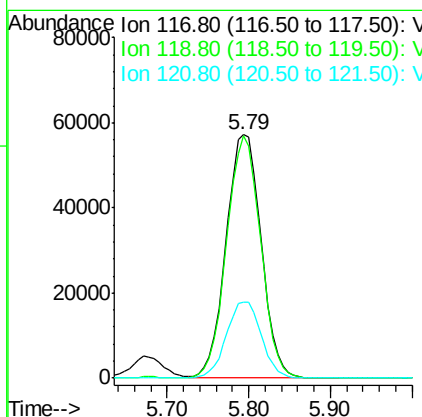
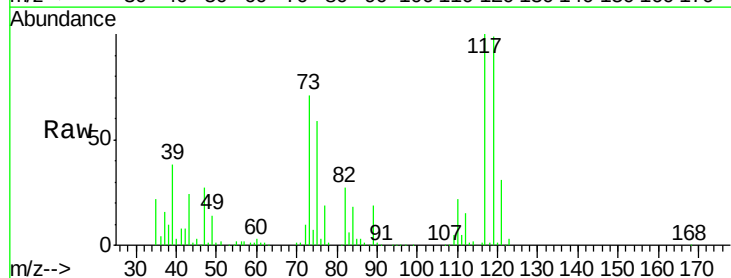
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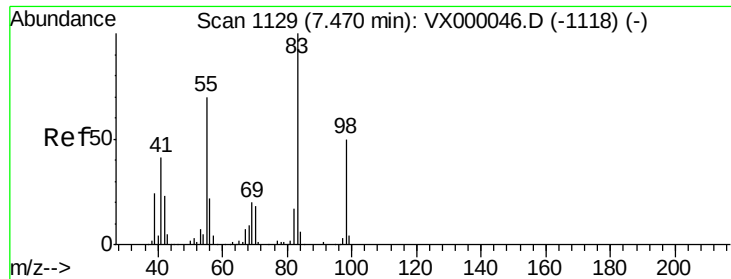
sam
2/14/2018 5:30:23 PM



#38
Carbon Tetrachloride
Concen: 84.62 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 117 Resp: 170492
Ion Ratio Lower Upper
117 100
119 99.3 76.9 115.3
121 31.4 25.8 38.8





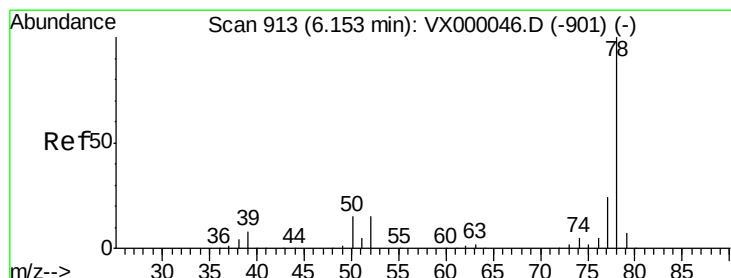
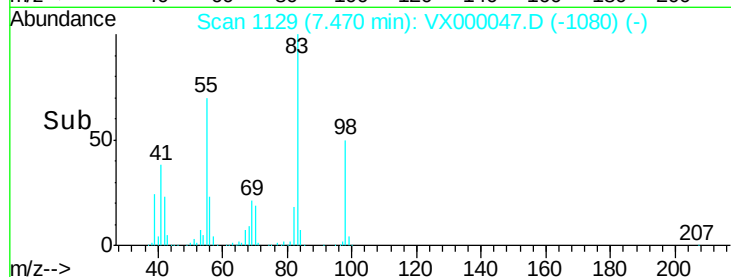
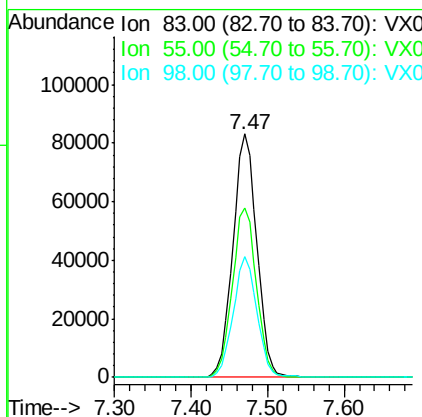
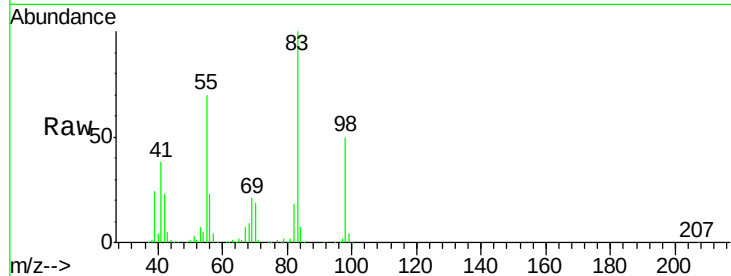
#39
Methylcyclohexane
Concen: 74.04 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	180216		
55	69.8		55.7	83.5
98	49.8		39.7	59.5

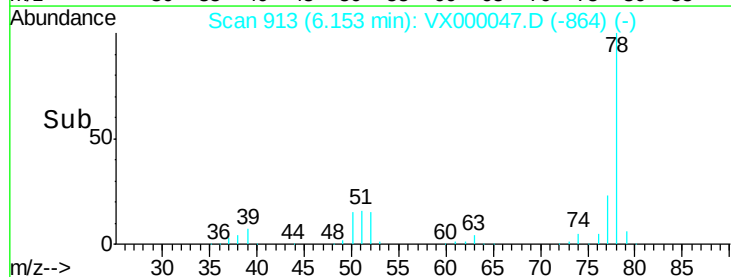
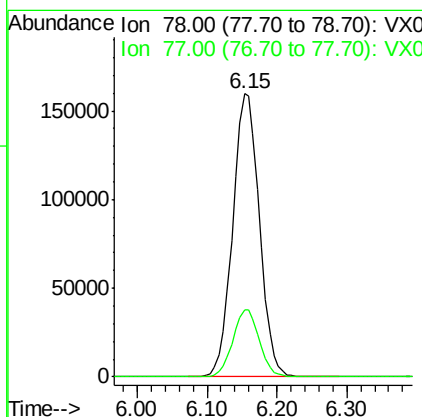
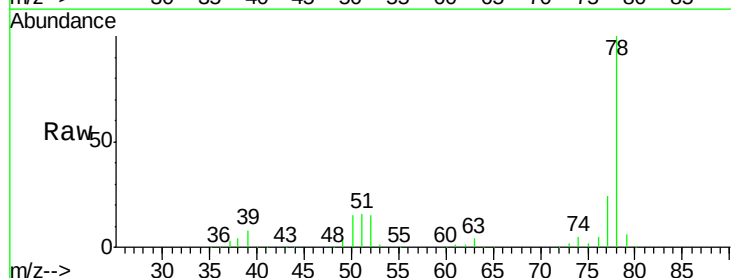
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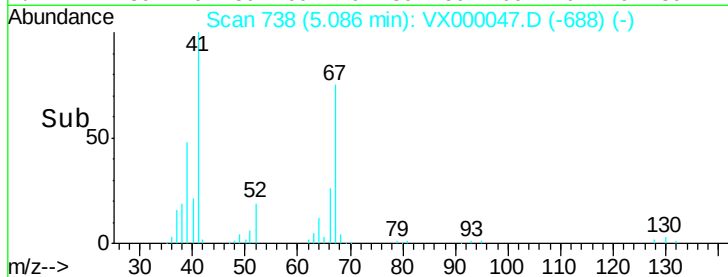
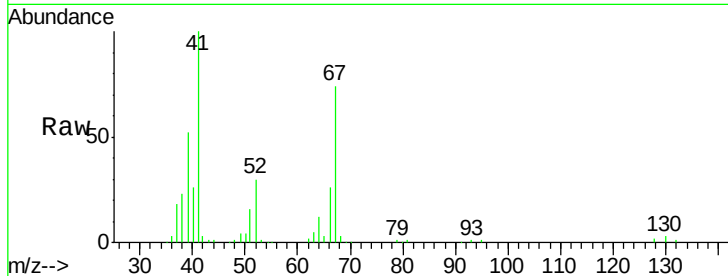
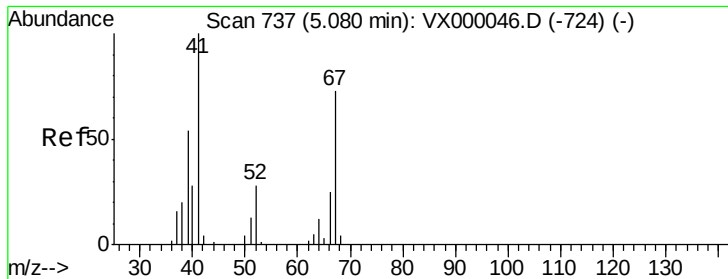
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#40
Benzene
Concen: 75.21 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

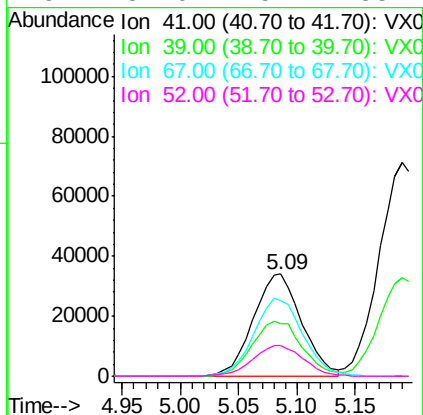
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	421571		
77	23.9		19.4	29.2





#41
Methacrylonitrile
Concen: 70.91 ug/l
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

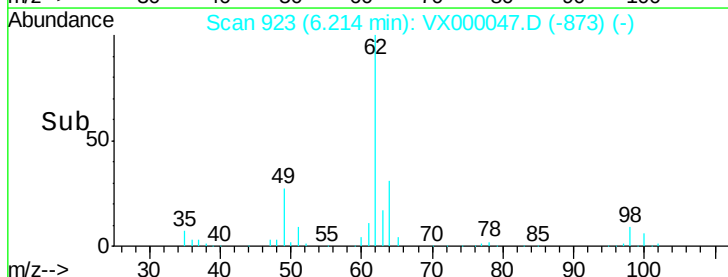
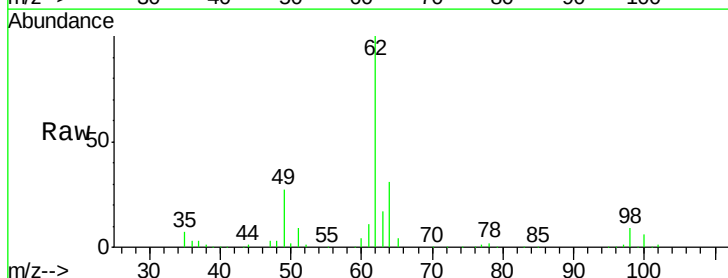
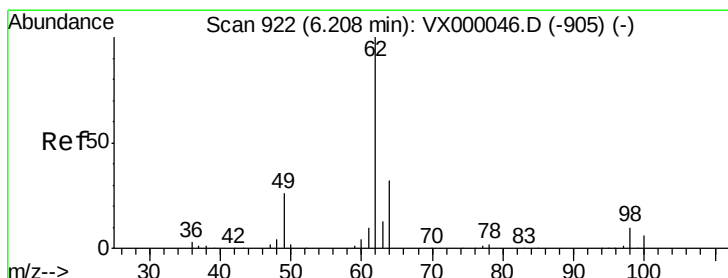
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	45.8	68.8	
67	77.9	60.6	91.0	
52	32.0	25.4	38.2	



Instrument :
ClientSampleId :
VSTDIC075

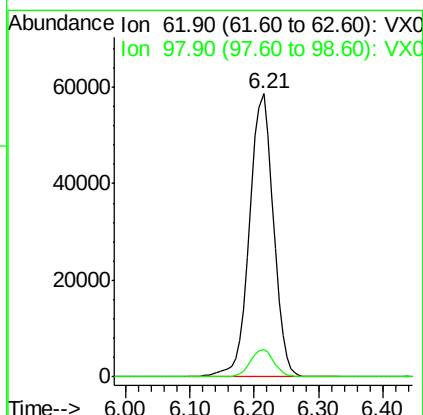
Manual Integrations
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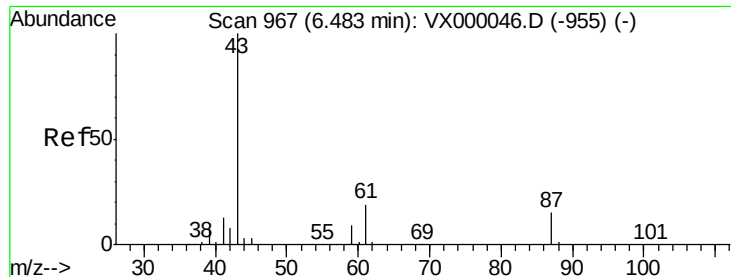
sam
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#42
1,2-Dichloroethane
Concen: 74.46 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	18.6	





#43

Isopropyl Acetate

Concen: 74.42 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

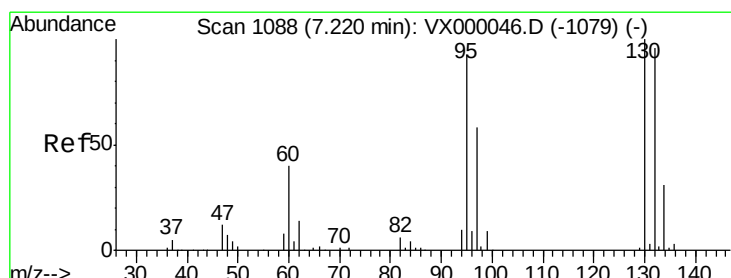
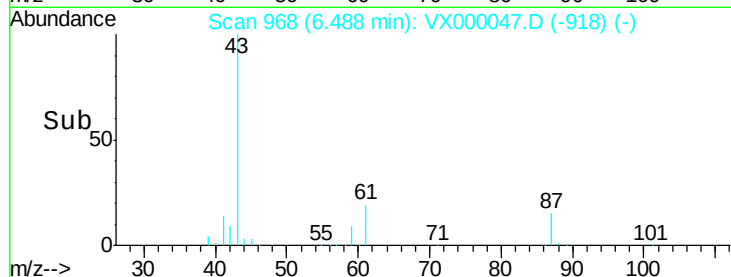
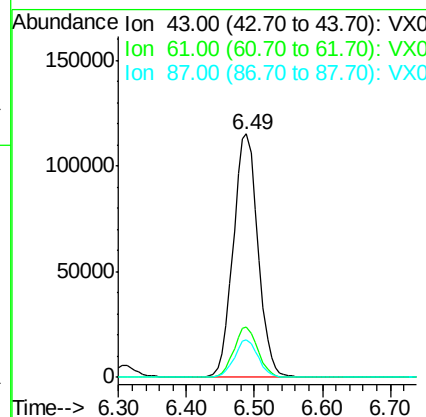
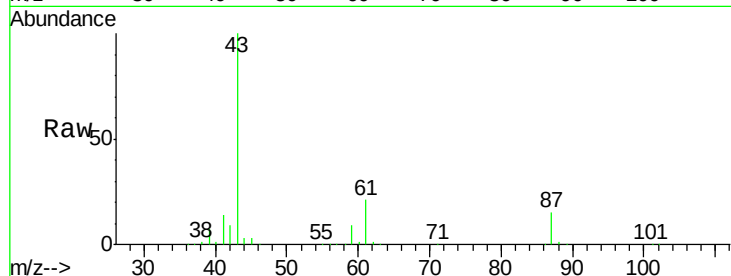
ClientSampled :

VSTDIC075

Tgt Ion:	43	Resp:	289377
Ion Ratio	Lower	Upper	
43	100		
61	20.2	15.9	23.9
87	14.9	11.8	17.6

Manual Integrations
APPROVED

sam
2/14/2018 5:30:23 PM



#44

Trichloroethene

Concen: 74.38 ug/l

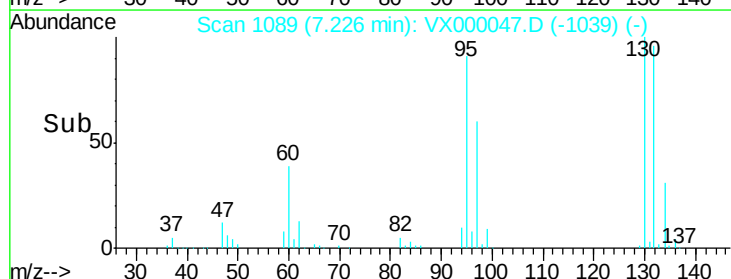
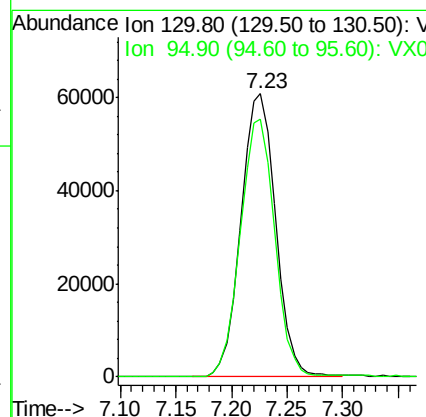
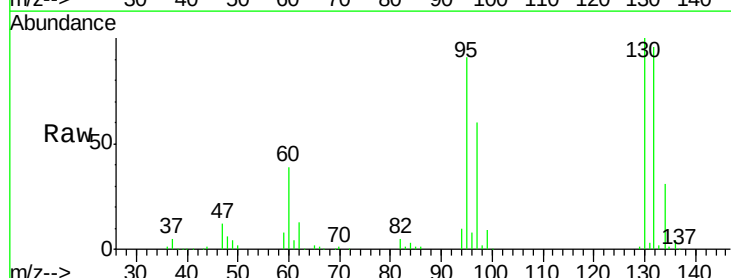
RT: 7.23 min Scan# 1089

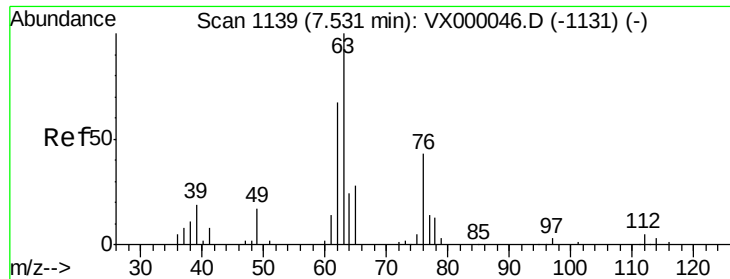
Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	130	Resp:	131625
Ion Ratio	Lower	Upper	
130	100		
95	91.3	0.0	185.2





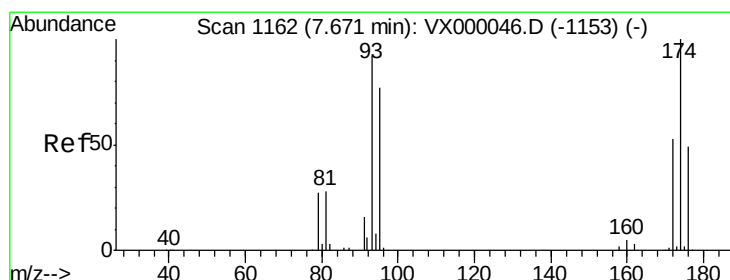
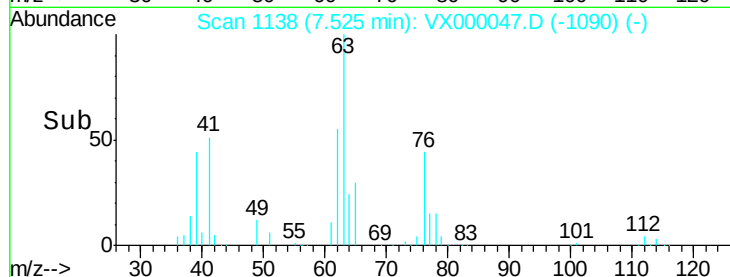
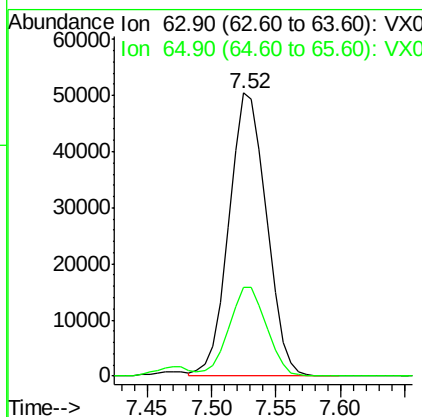
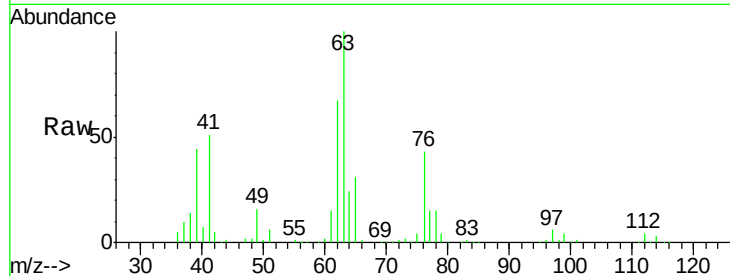
#45
 1,2-Dichloropropane
 Concen: 73.48 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampled :
 VSTDIC075

Tgt Ion: 63 Resp: 102620
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.7 35.5

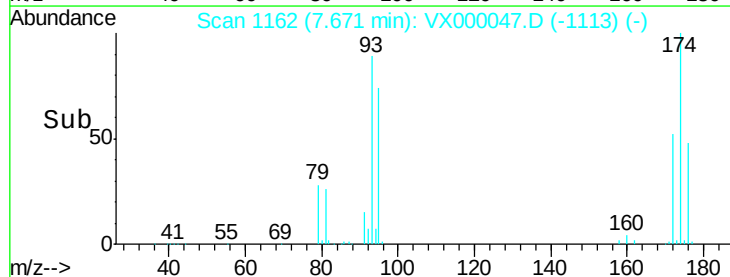
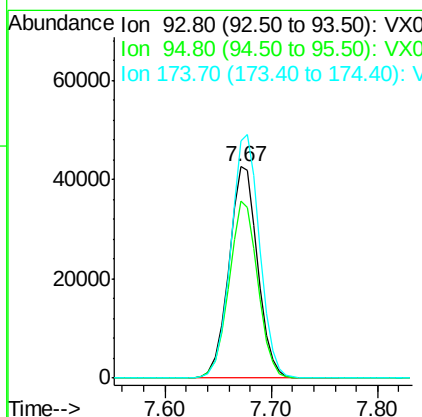
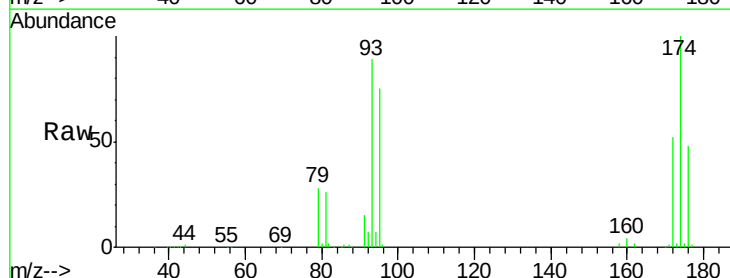
Manual Integrations
 APPROVED

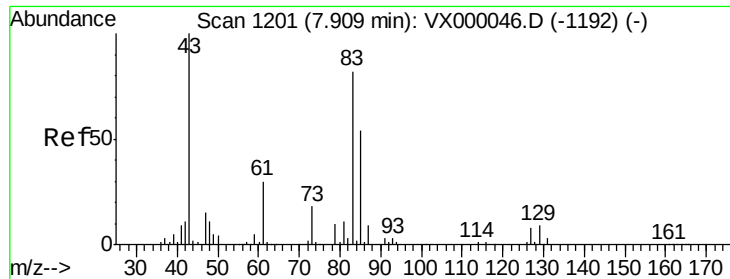
sam
 2/14/2018 5:30:23 PM



#46
 Dibromomethane
 Concen: 73.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 93 Resp: 80365
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.3 99.5
 174 115.6 90.4 135.6





#47

Bromodichloromethane

Concen: 76.69 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

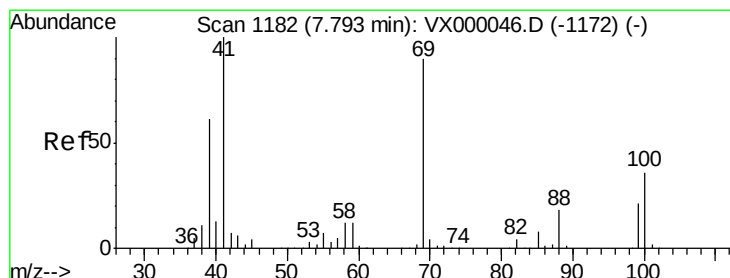
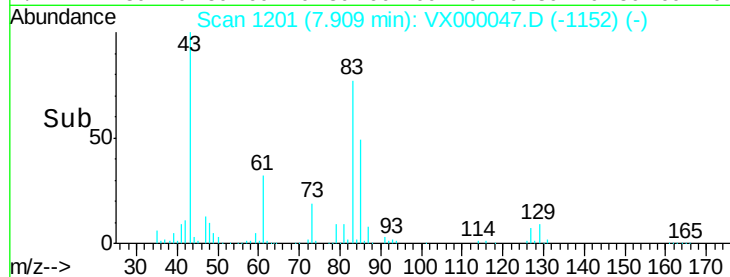
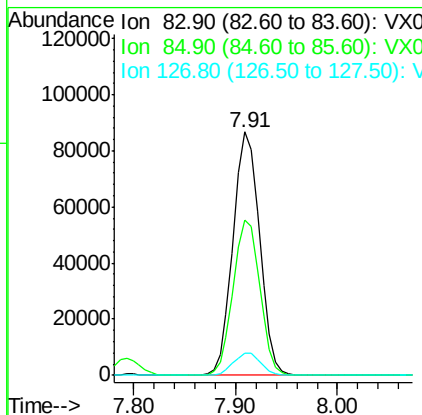
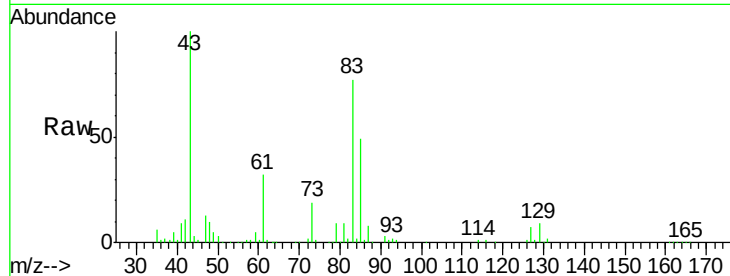
ClientSampled :

VSTDIC075

Tgt Ion:	83	Resp:	155817
Ion Ratio	Lower	Upper	
83	100		
85	63.5	52.3	78.5
127	9.1	7.4	11.0

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 73.31 ug/l

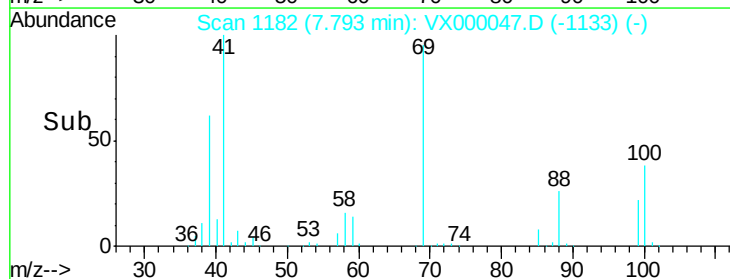
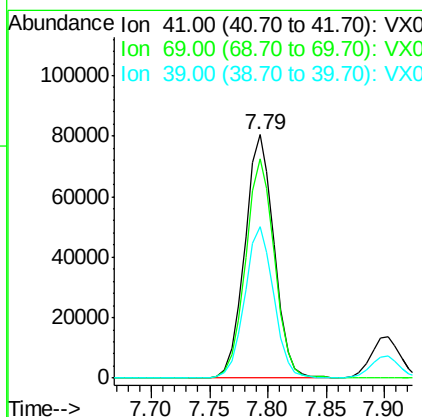
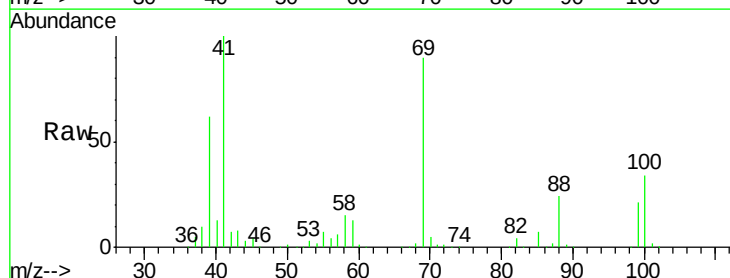
RT: 7.79 min Scan# 1182

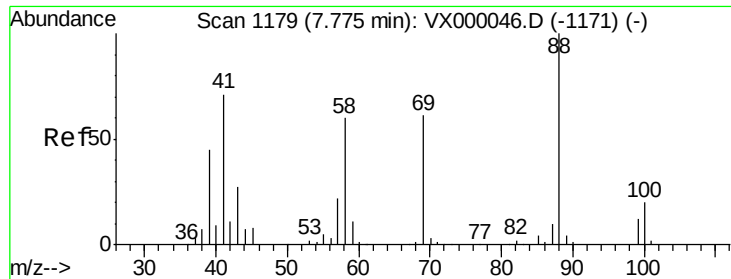
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	41	Resp:	140691
Ion Ratio	Lower	Upper	
41	100		
69	89.8	72.1	108.1
39	61.8	49.6	74.4





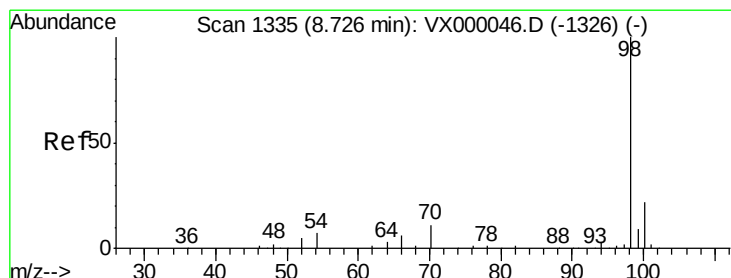
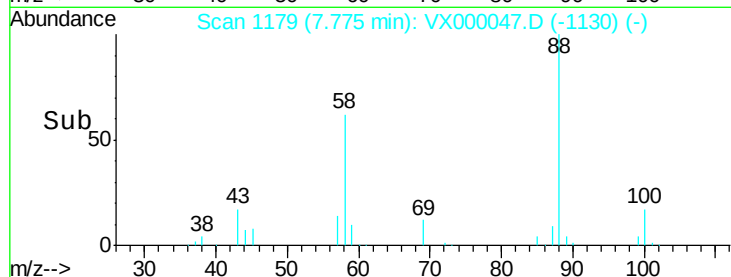
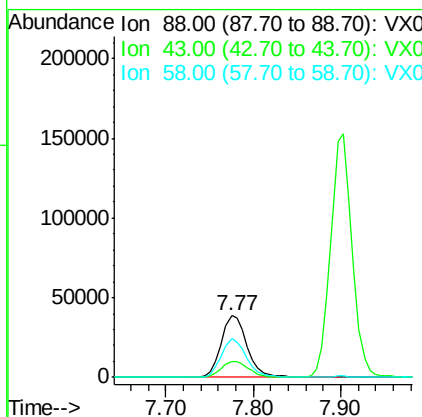
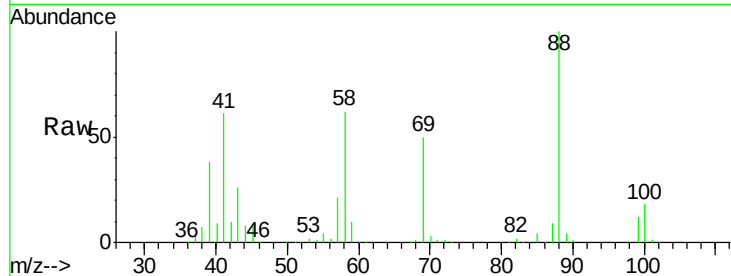
#49
 1,4-Dioxane
 Concen: 1450.19 ug/l
 RT: 7.77 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion: 88 Resp: 79974
 Ion Ratio Lower Upper
 88 100
 43 28.2 22.6 33.8
 58 61.7 49.4 74.2

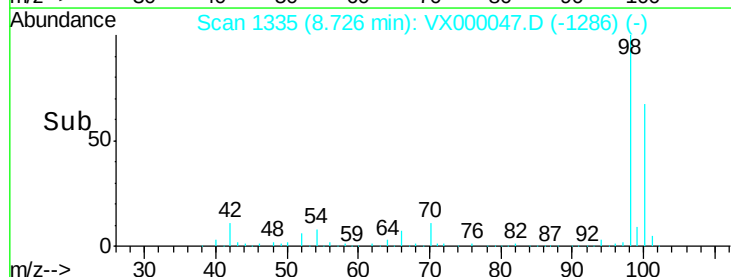
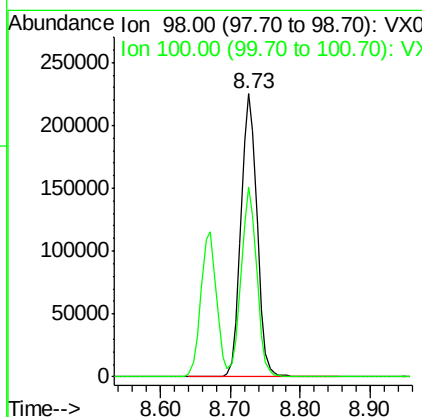
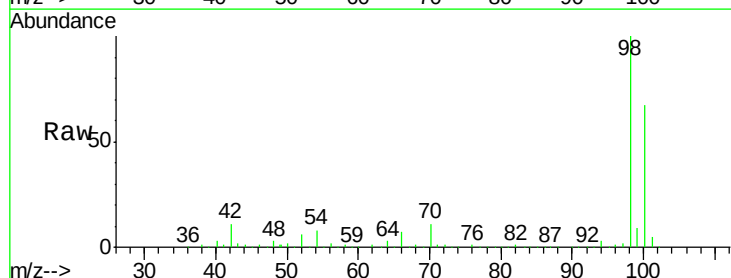
Manual Integrations
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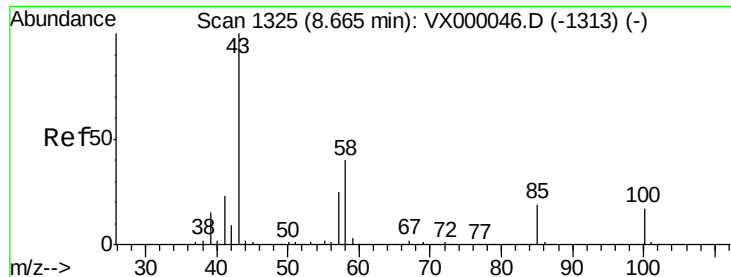
sam
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#50
 Toluene-d8
 Concen: 71.15 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 98 Resp: 359609
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 381.07 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 1058612

Ion Ratio Lower Upper

43 100

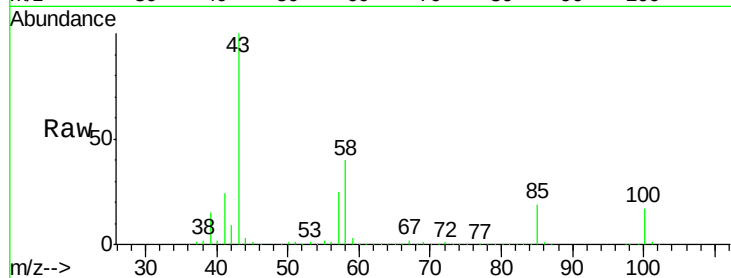
58 39.7 32.1 48.1

Manual Integrations

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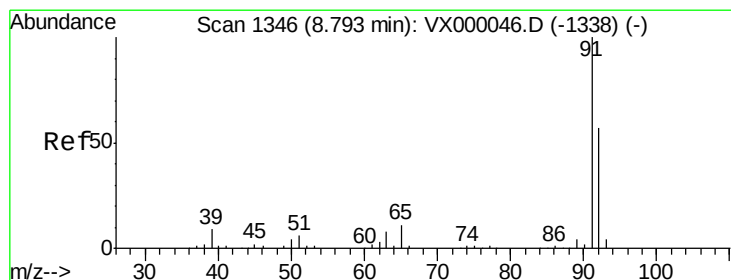
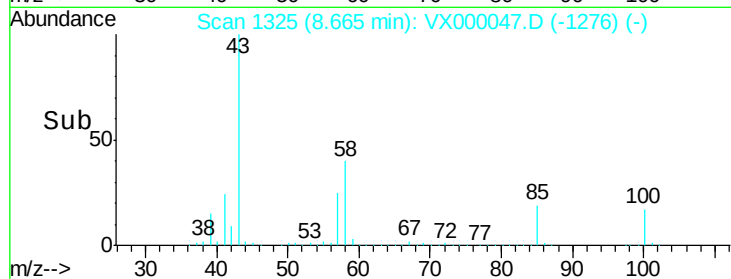
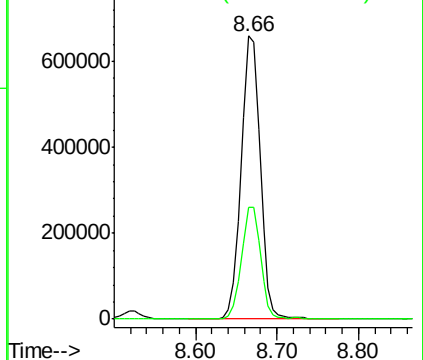
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 76.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000047.D

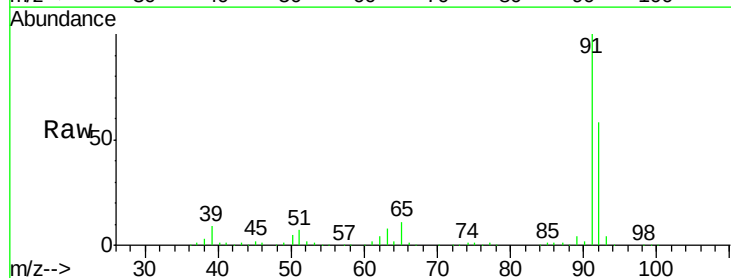
Acq: 09 Feb 2018 16:58

Tgt Ion: 92 Resp: 287196

Ion Ratio Lower Upper

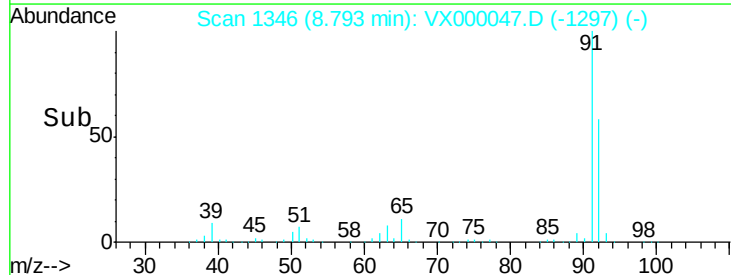
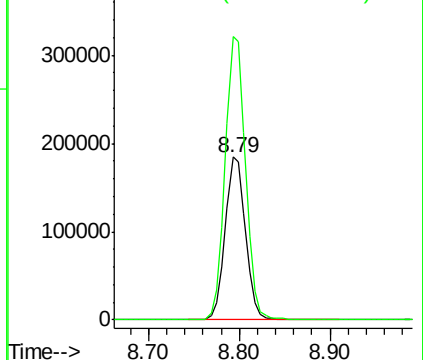
92 100

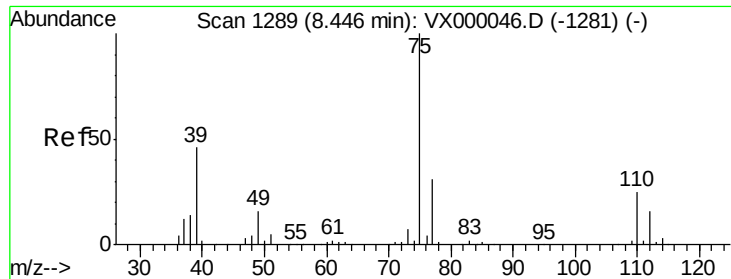
91 174.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





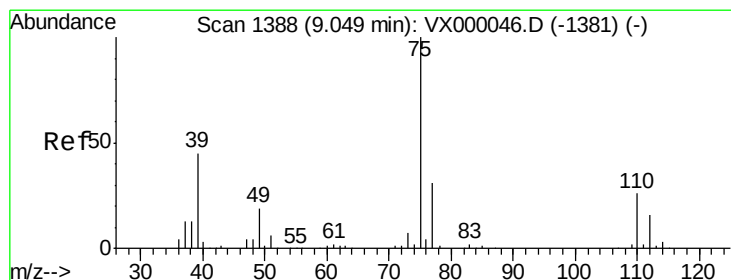
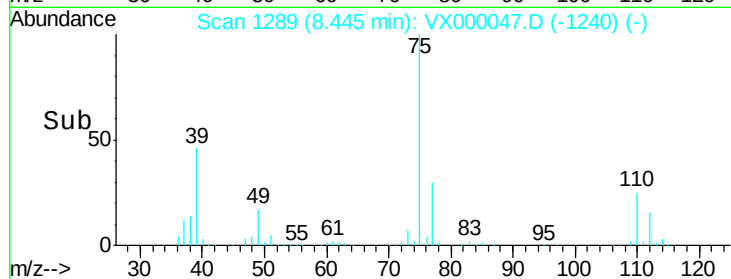
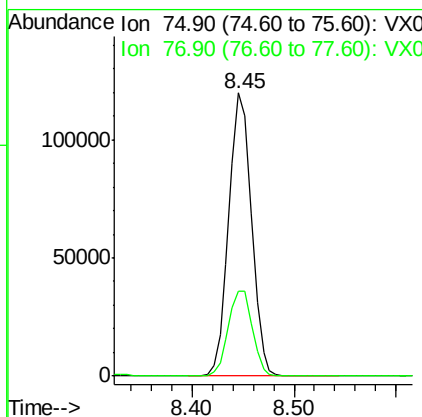
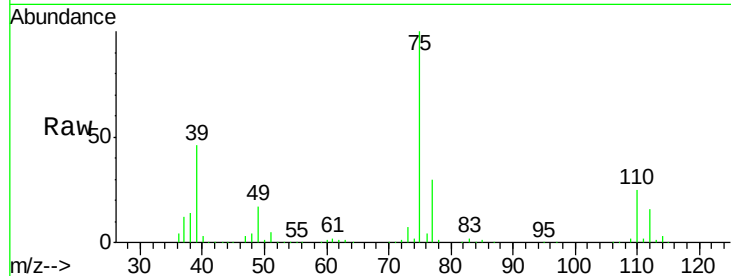
#53
t-1,3-Dichloropropene
Concen: 77.89 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 184633
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4

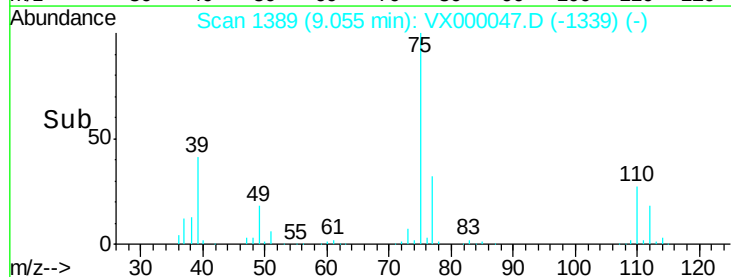
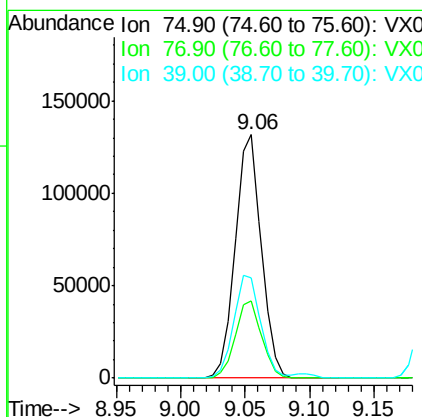
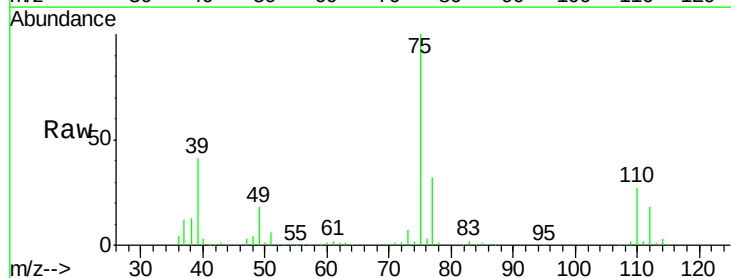
Manual Integrations
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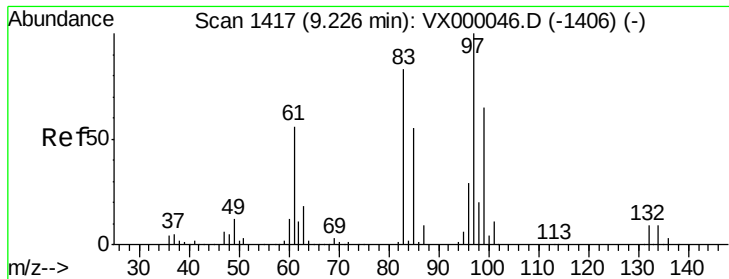
sam
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#54
cis-1,3-Dichloropropene
Concen: 79.91 ug/l
RT: 9.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 75 Resp: 184709
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 41.2 36.1 54.1





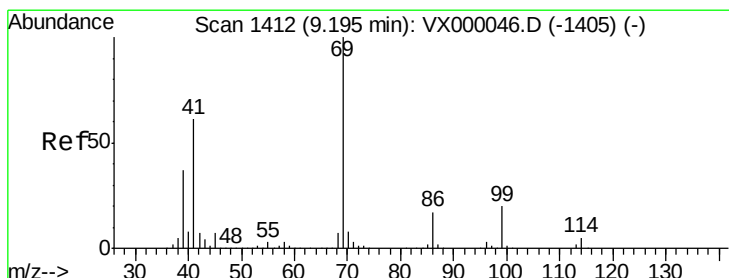
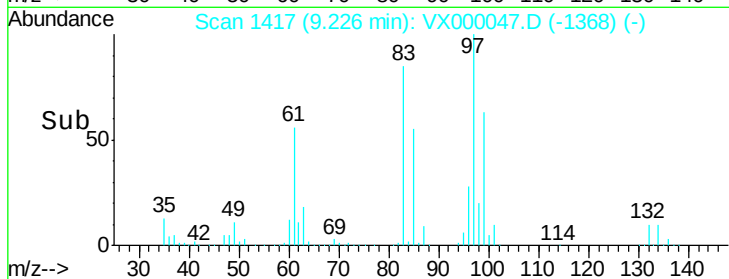
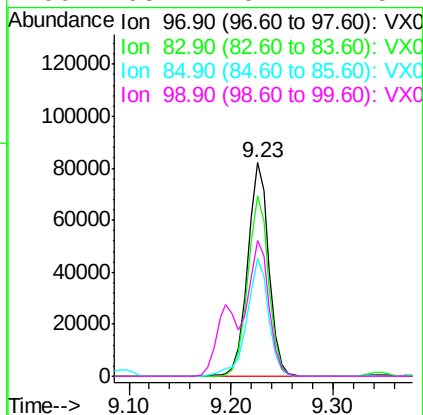
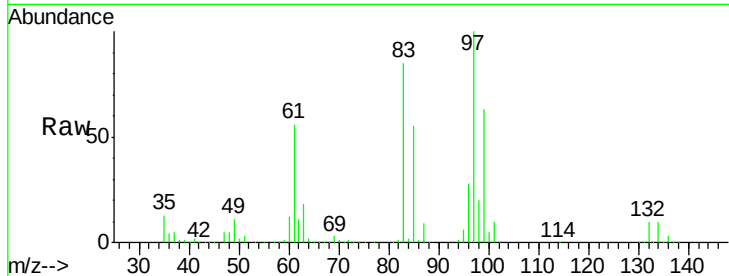
#55
 1,1,2-Trichloroethane
 Concen: 75.26 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion:	97	Resp:	118406
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.5	99.7
85	55.2	43.8	65.6
99	63.4	52.2	78.4

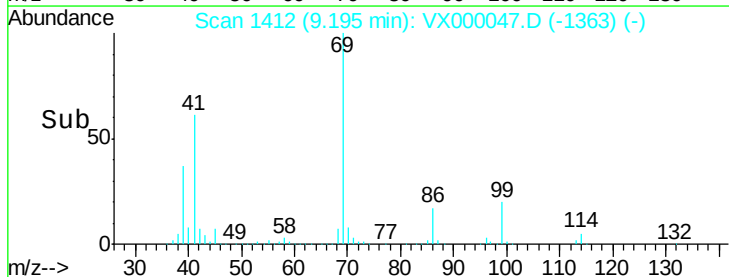
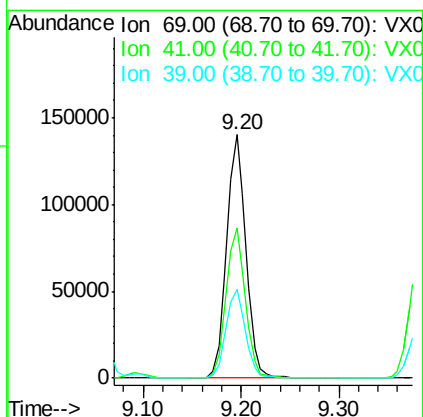
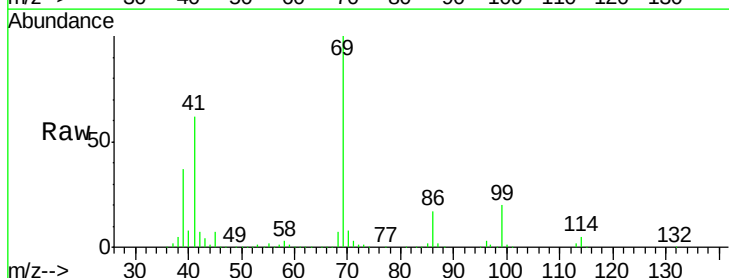
Manual Integrations
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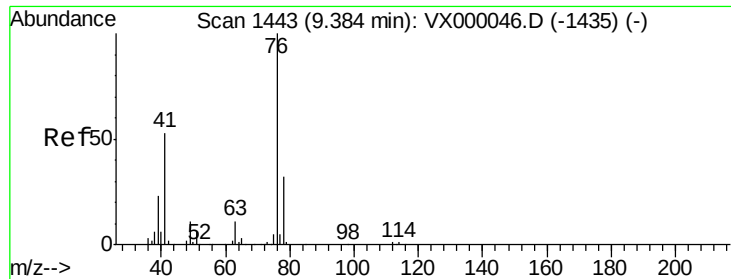
sam
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#56
 Ethyl methacrylate
 Concen: 78.36 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion:	69	Resp:	191597
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.5	74.3
39	36.8	29.9	44.9





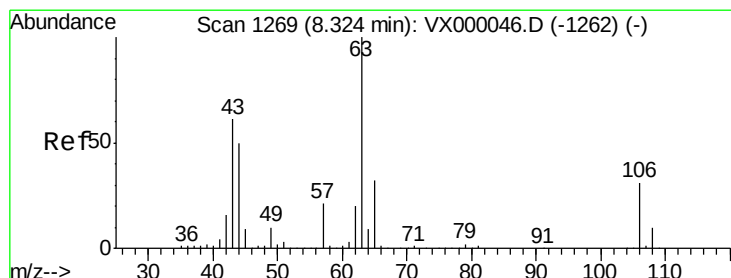
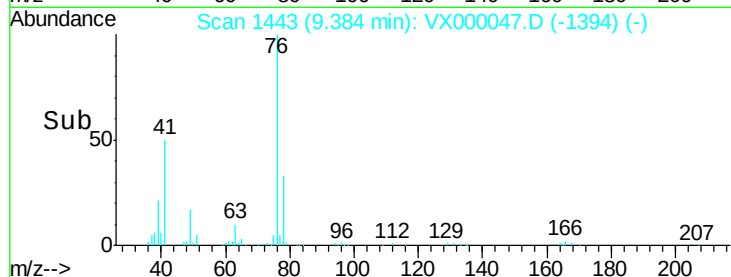
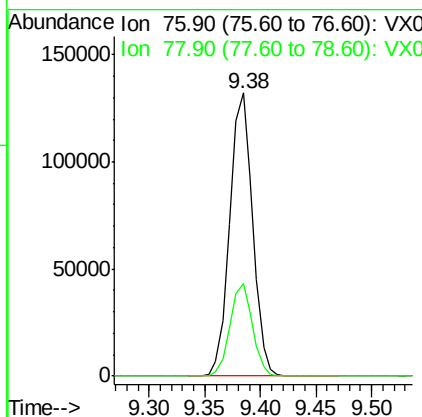
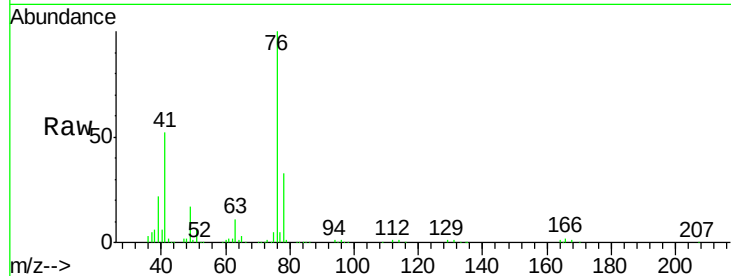
#57
 1,3-Dichloropropane
 Concen: 74.98 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion: 76 Resp: 187166
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

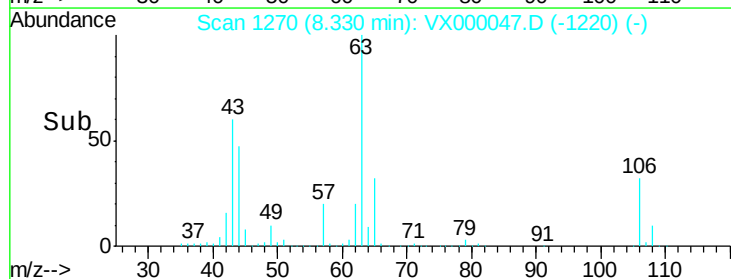
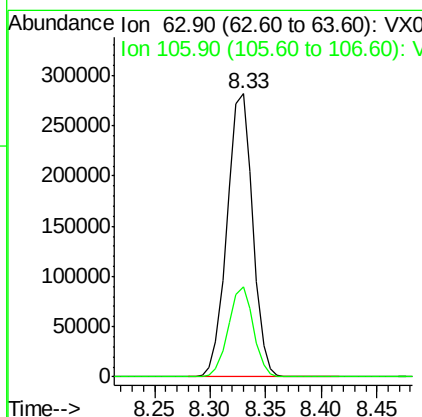
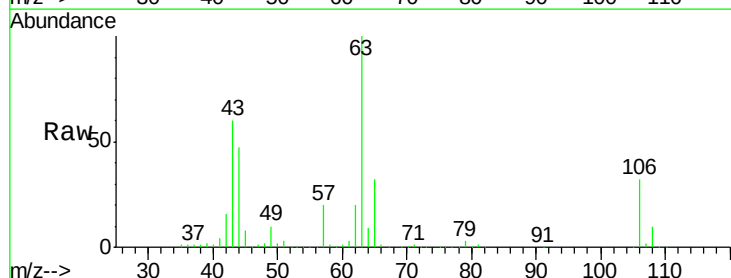
Manual Integrations
 APPROVED

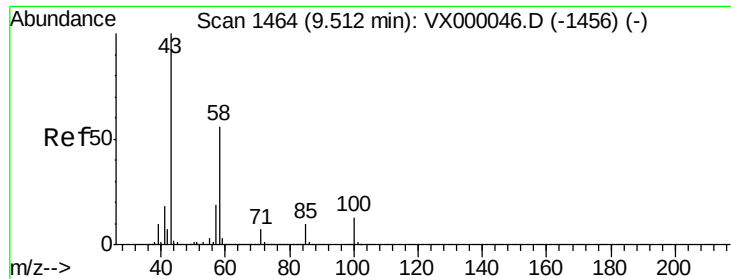
sam
 2/14/2018 5:30:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 412.26 ug/l
 RT: 8.33 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion: 63 Resp: 448511
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.7 37.1





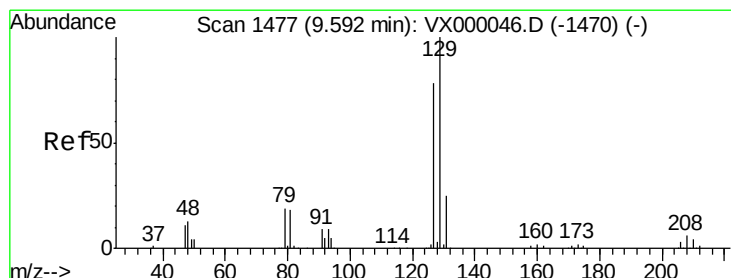
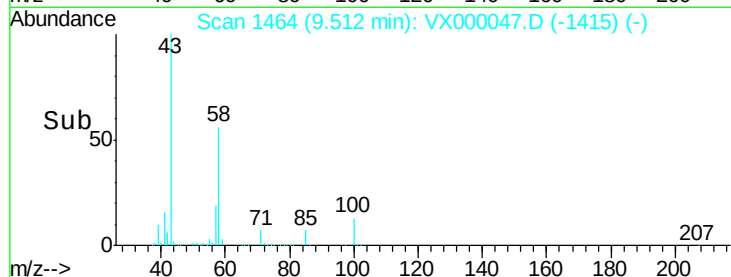
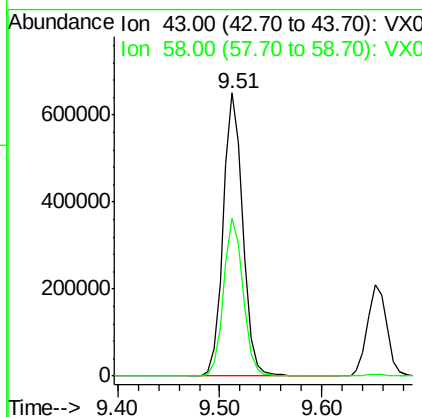
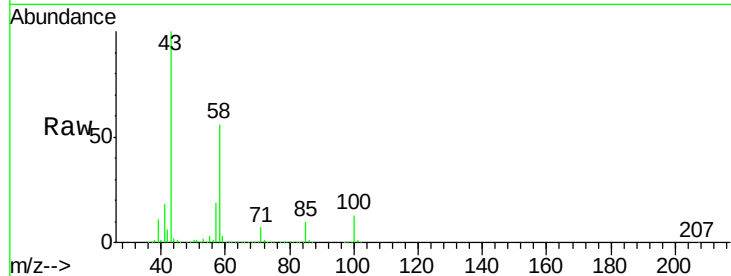
#59
2-Hexanone
Concen: 364.83 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion: 43 Resp: 867406
Ion Ratio Lower Upper
43 100
58 55.4 27.6 82.7

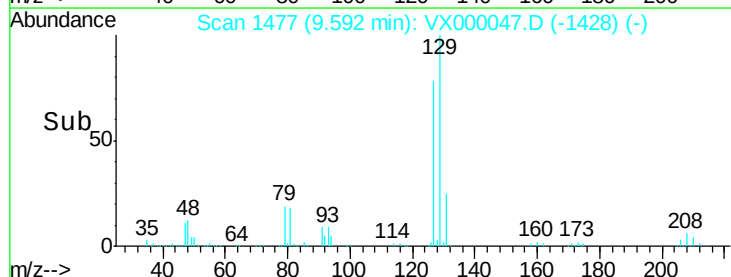
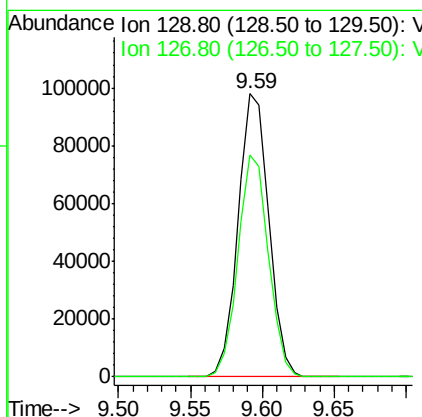
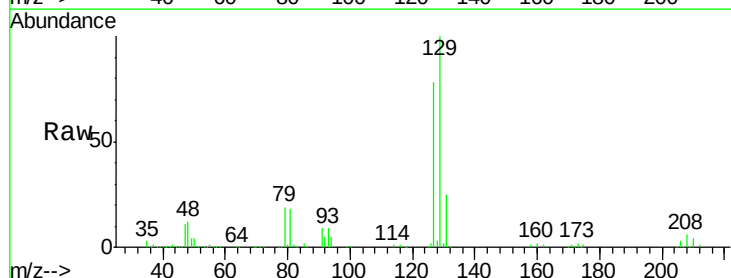
Manual Integrations
APPROVED

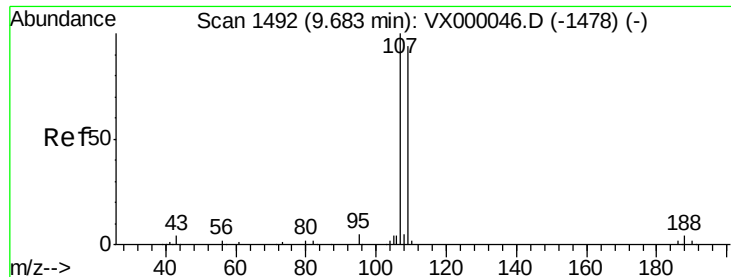
sam
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#60
Dibromochloromethane
Concen: 81.55 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 129 Resp: 144875
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 77.97 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 107 Resp: 135176

Ion Ratio Lower Upper

107 100

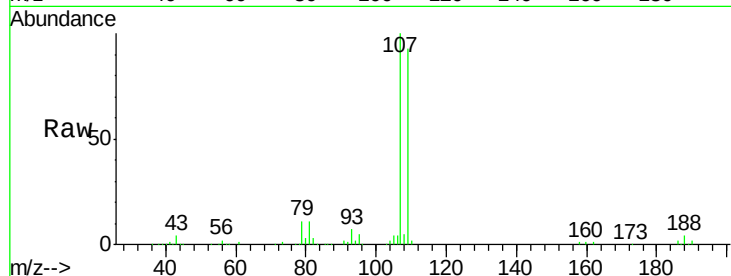
109 95.4 74.6 111.8

Manual Integrations

APPROVED

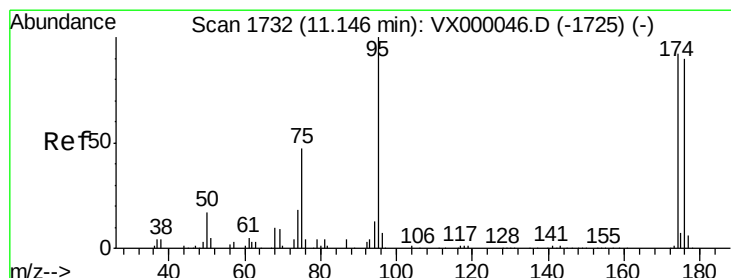
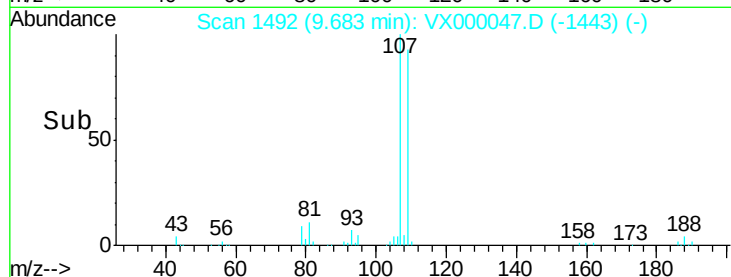
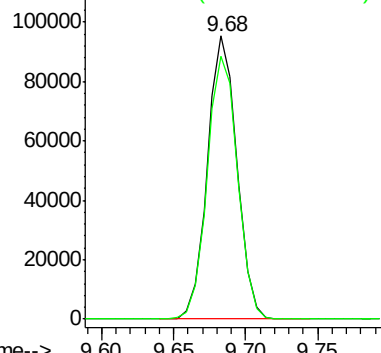
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 71.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

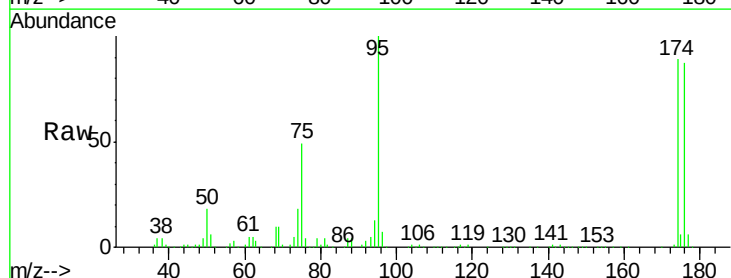
Tgt Ion: 95 Resp: 148442

Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.6

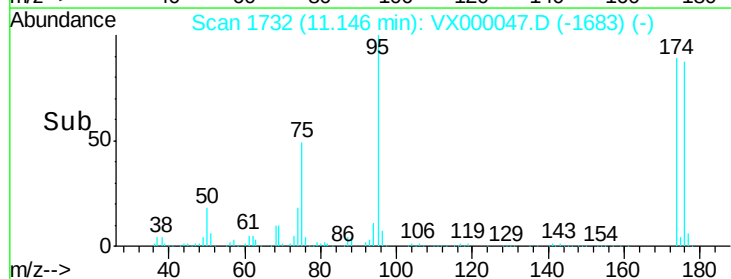
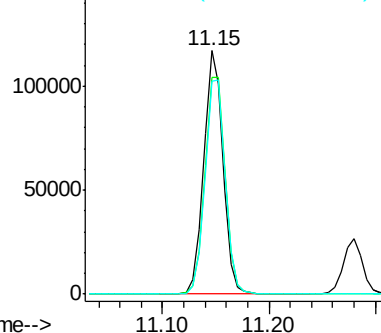
176 92.6 0.0 181.8

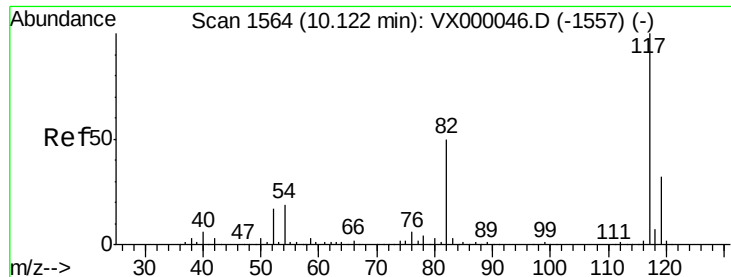


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





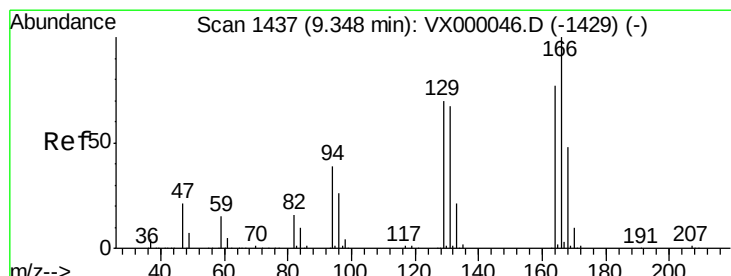
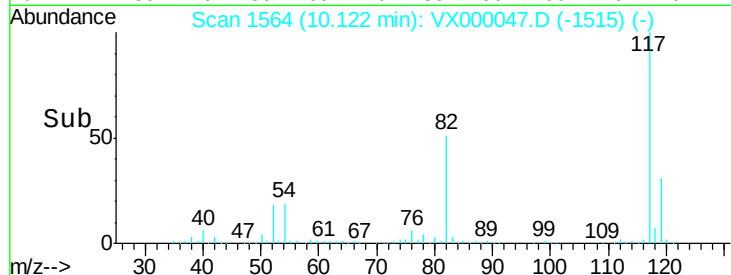
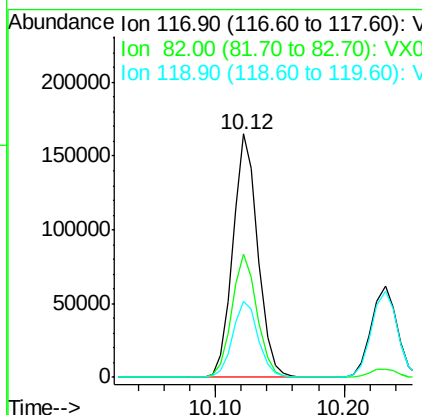
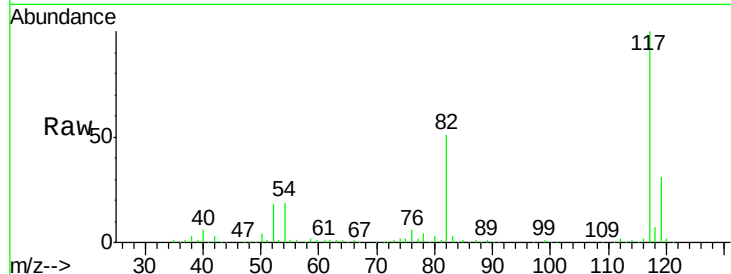
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	222627		
82	50.5	40.3	60.5	
119	31.3	25.3	37.9	

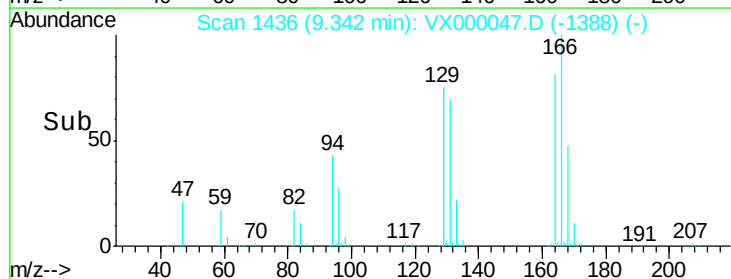
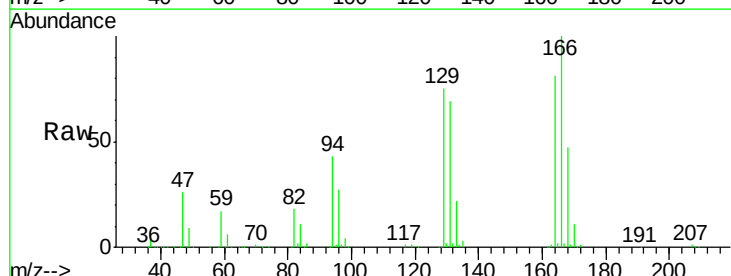
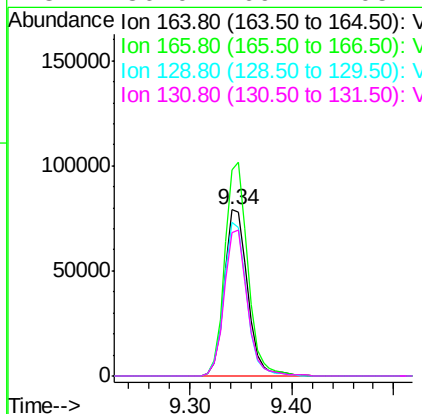
Manual Integrations
APPROVED

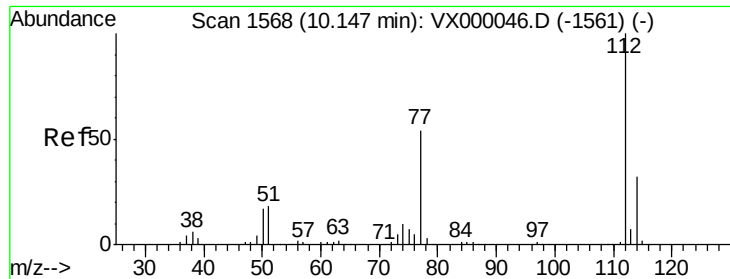
sam
2/14/2018 5:30:23 PM



#64
Tetrachloroethene
Concen: 74.03 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125055		
166	124.0	103.7	155.5	
129	92.7	72.2	108.4	
131	86.0	69.1	103.7	





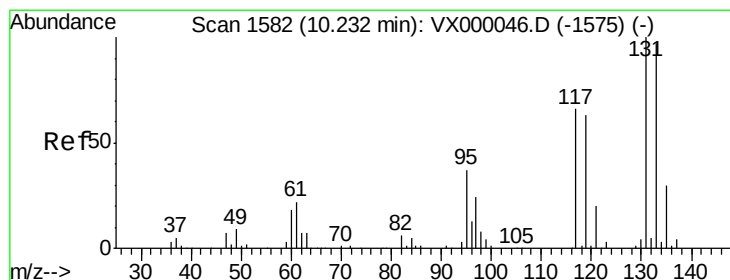
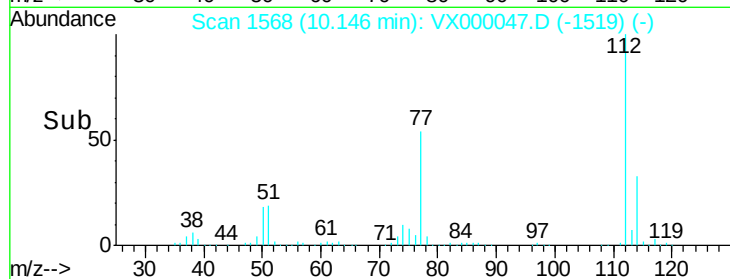
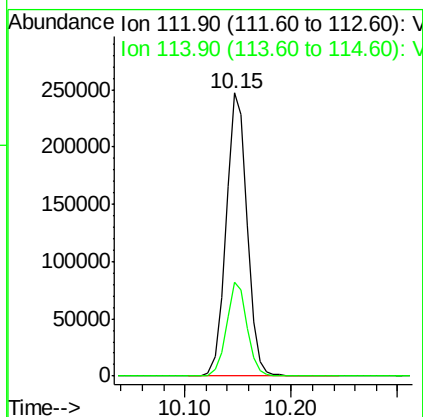
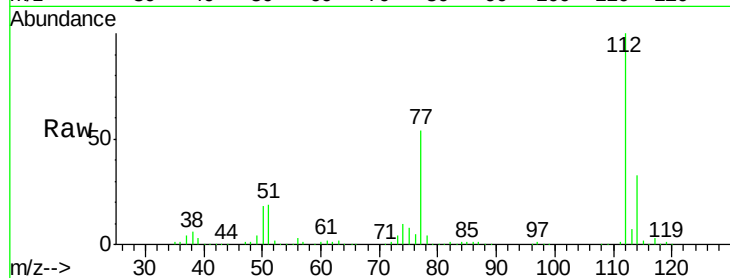
#65
Chlorobenzene
Concen: 75.61 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion:112 Resp: 340559
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

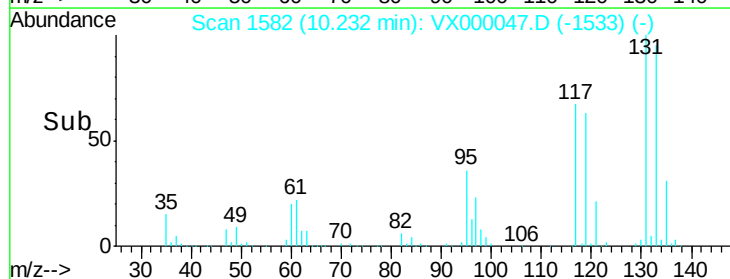
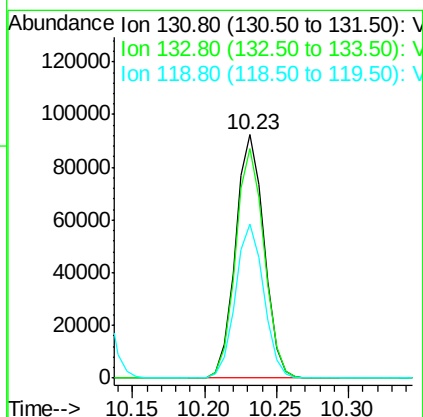
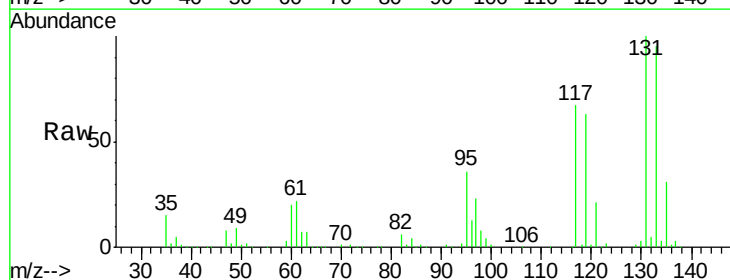
Manual Integrations
APPROVED

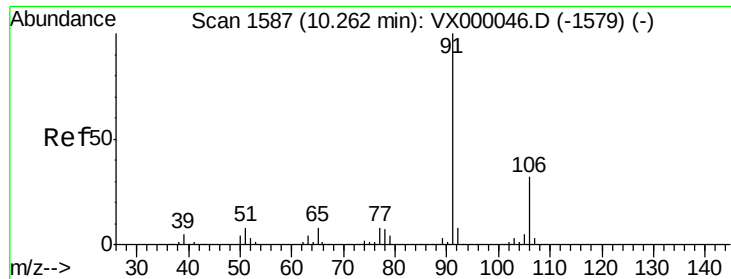
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 77.74 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion:131 Resp: 127707
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 62.9 31.7 95.1





#67

Ethyl Benzene

Concen: 75.08 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 565725

Ion Ratio Lower Upper

91 100

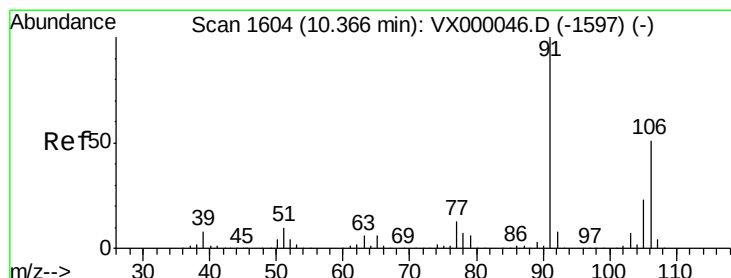
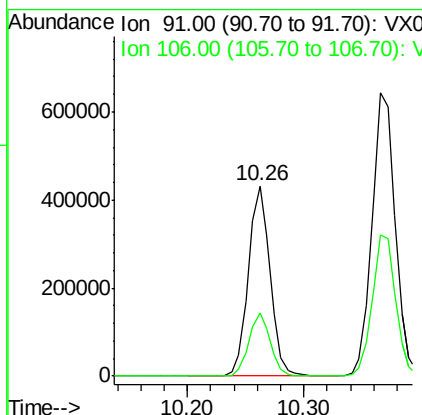
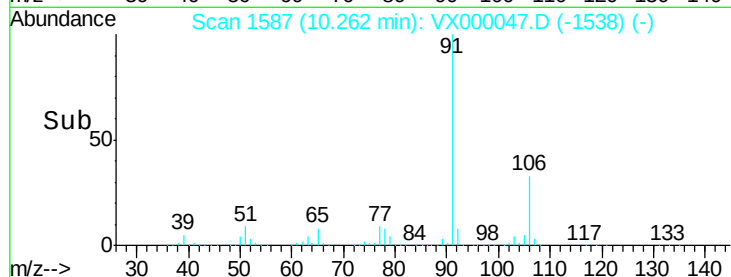
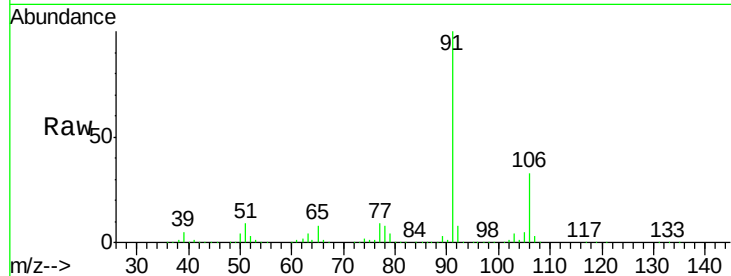
106 33.1 25.9 38.9

Manual Integrations

APPROVED

sam

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#68

m/p-Xylenes

Concen: 152.04 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000047.D

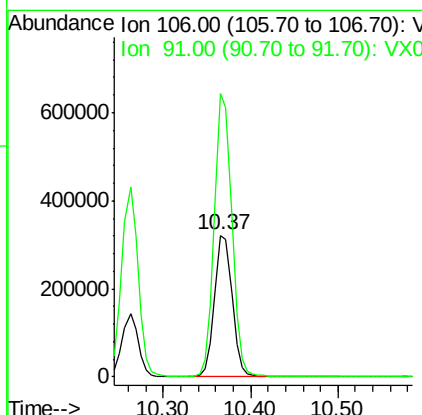
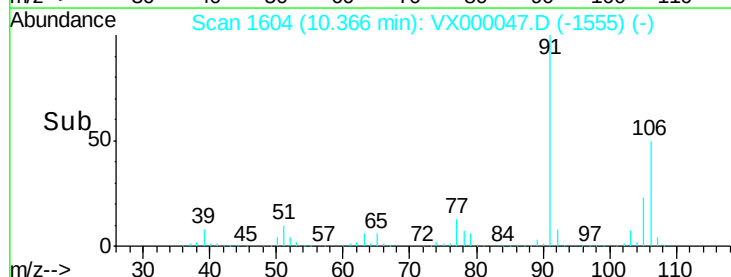
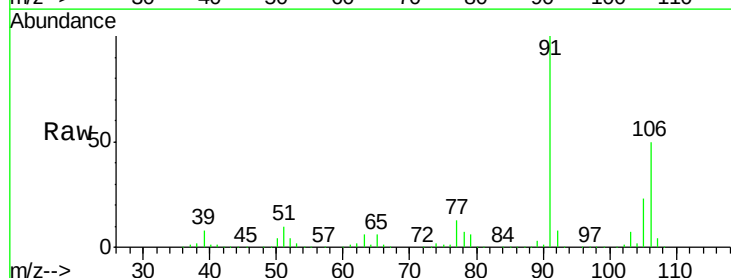
Acq: 09 Feb 2018 16:58

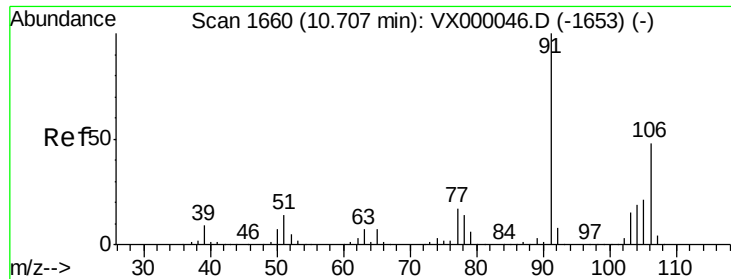
Tgt Ion: 106 Resp: 453368

Ion Ratio Lower Upper

106 100

91 198.0 158.3 237.5





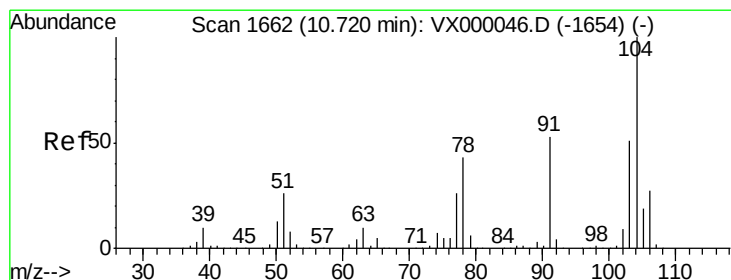
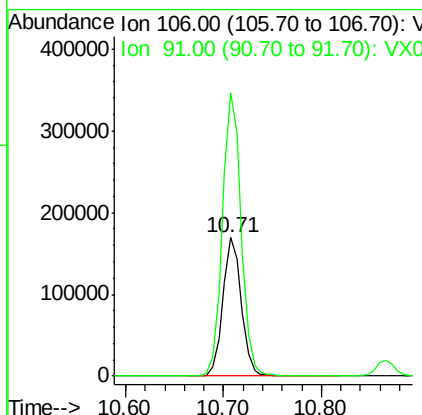
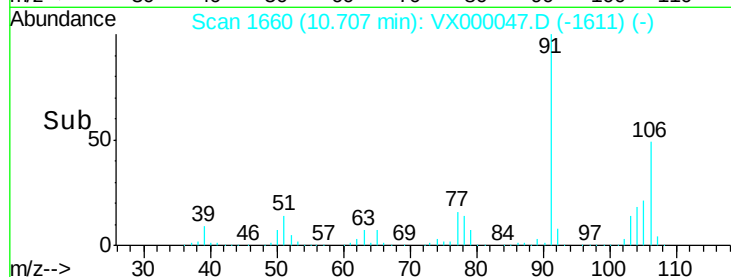
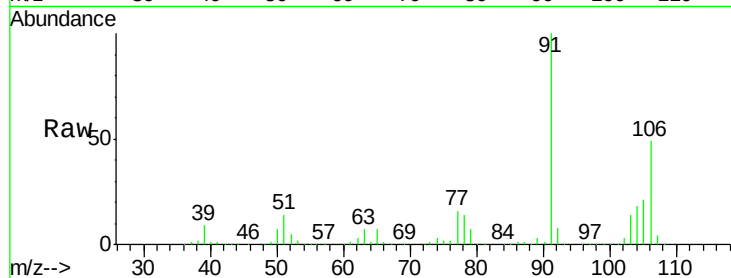
#69
o-Xylene
Concen: 76.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 221715
Ion Ratio Lower Upper
106 100
91 206.7 104.0 312.0

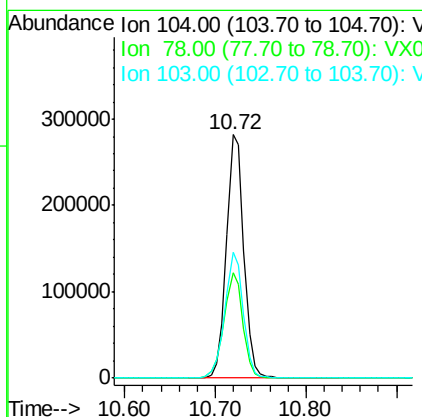
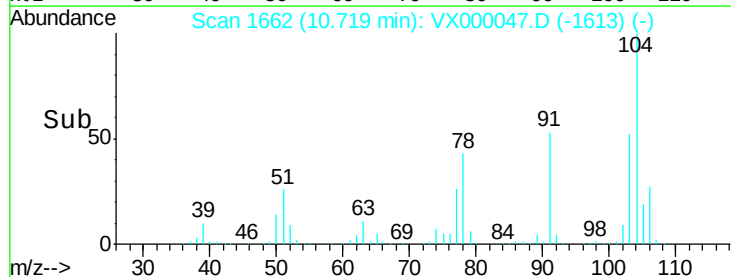
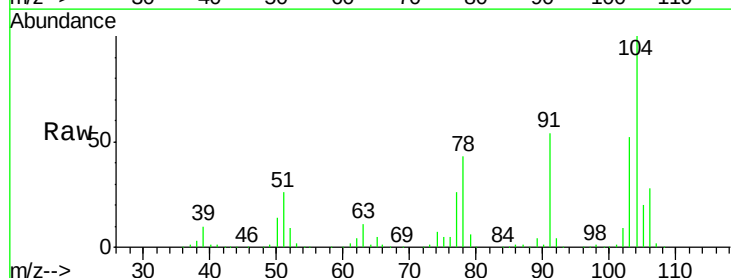
Manual Integrations
APPROVED

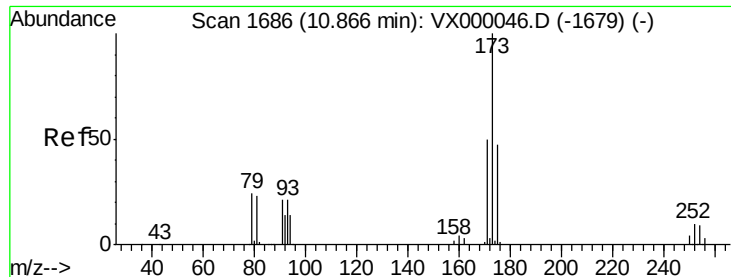
sam
2/14/2018 5:30:23 PM



#70
Styrene
Concen: 78.05 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion:104 Resp: 375741
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.1 44.0 66.0





#71

Bromoform

Concen: 82.99 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

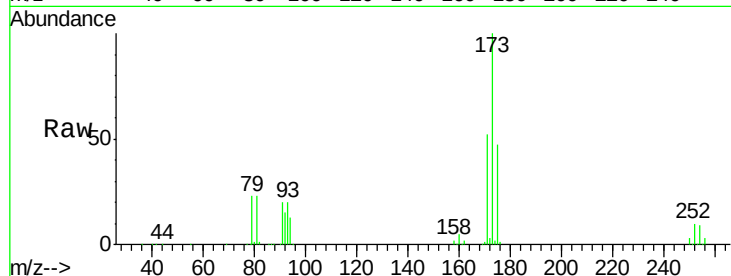
ClientSampled :

VSTDIC075

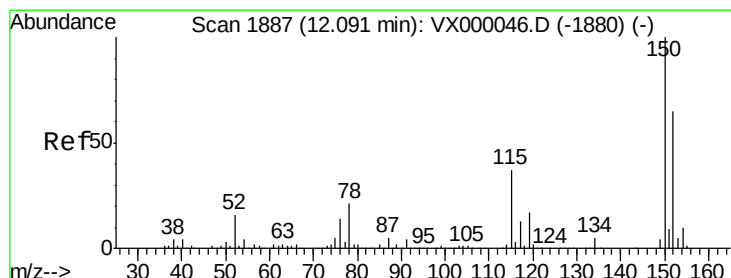
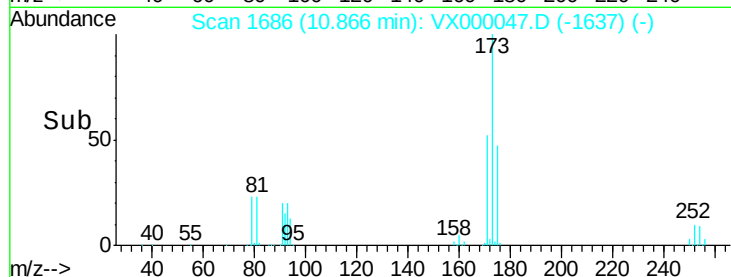
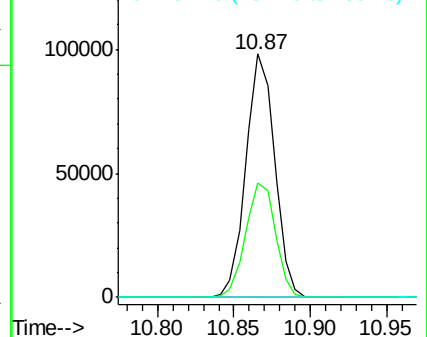
Tgt Ion:	173	Resp:	128421
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.9	71.8
254	0.1	0.1	0.1

Manual Integrations
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sam
2/14/2018 5:30:23 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

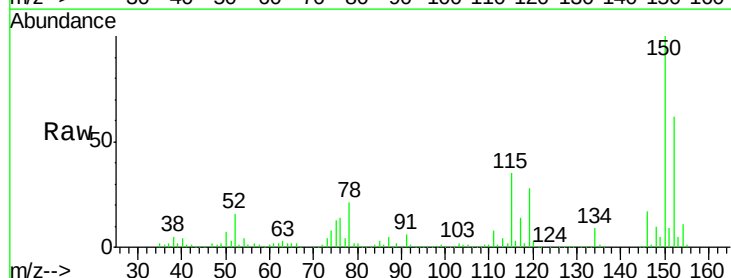
RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

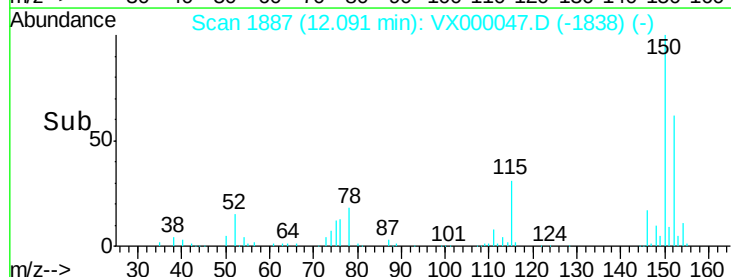
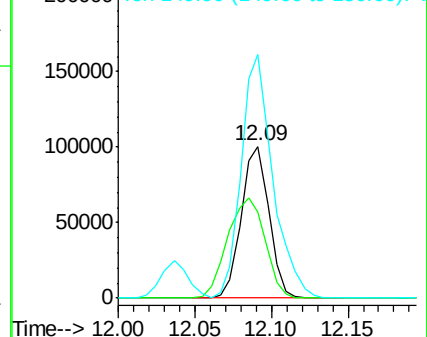
Lab File: VX000047.D

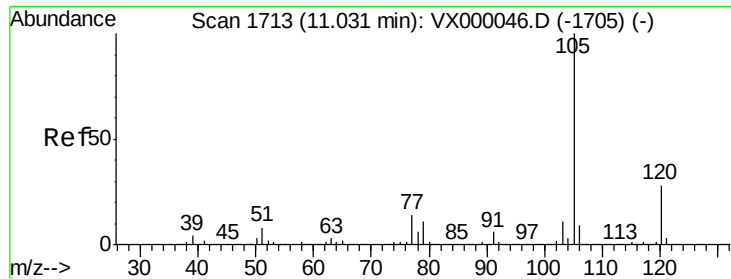
Acq: 09 Feb 2018 16:58

Tgt Ion:	152	Resp:	125917
Ion Ratio	Lower	Upper	
152	100		
115	89.7	39.3	117.8
150	182.8	0.0	349.2



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





#73

Isopropylbenzene

Concen: 76.48 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampleId :

VSTDIC075

Tgt Ion: 105 Resp: 593483

Ion Ratio Lower Upper

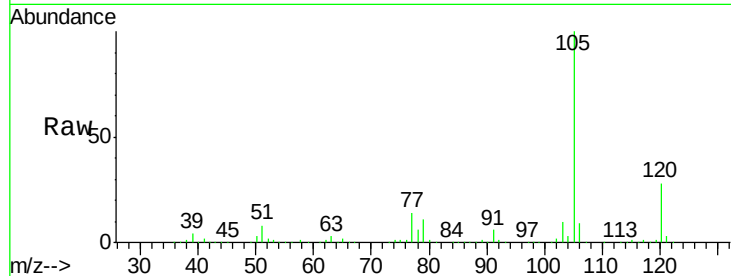
105 100

120 27.6 13.8 41.3

Manual Integrations
APPROVED

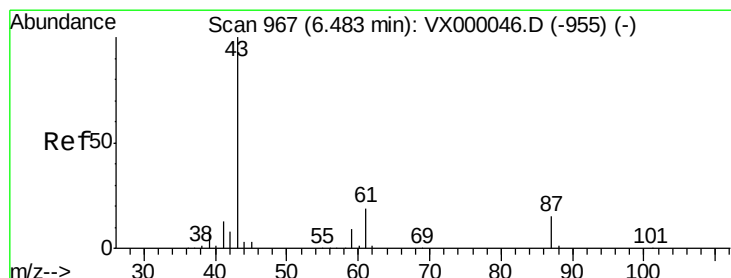
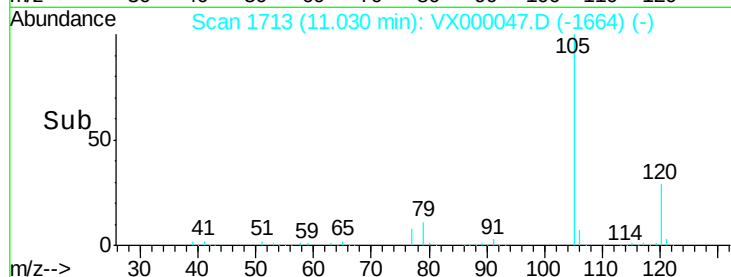
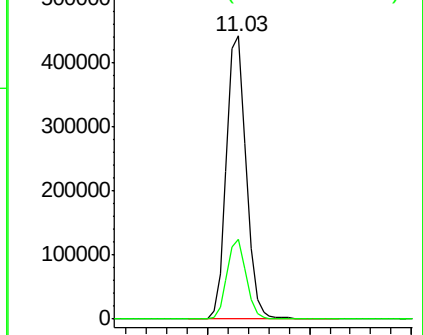
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 74.62 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion: 43 Resp: 289377

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

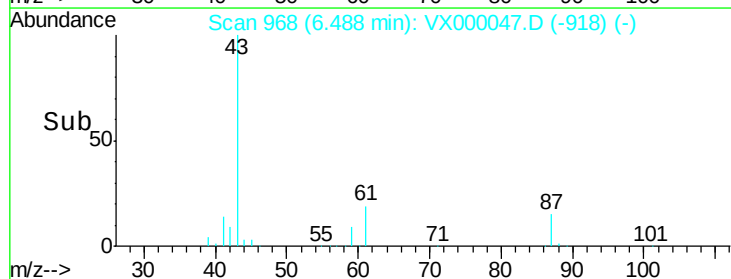
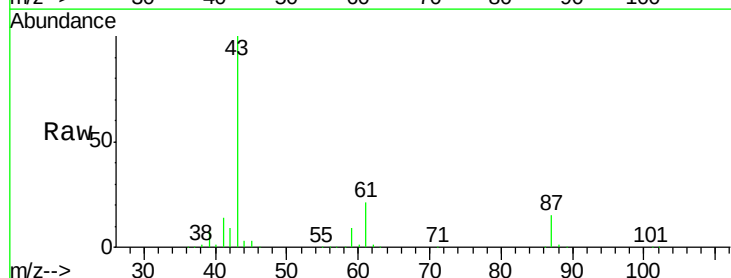
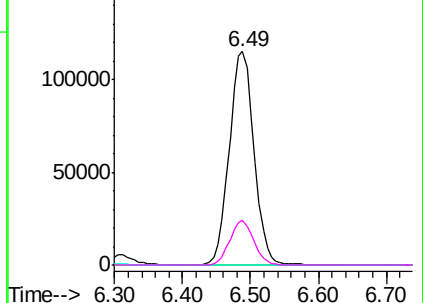
61 20.2 15.9 23.9

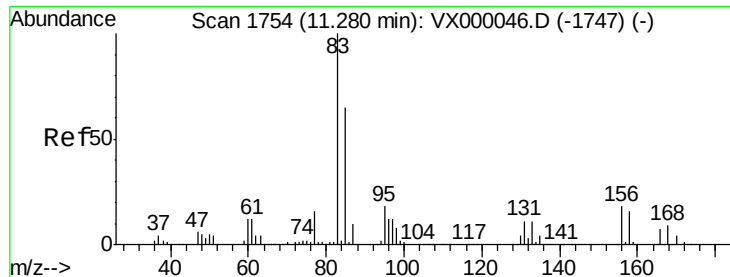
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 76.49 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

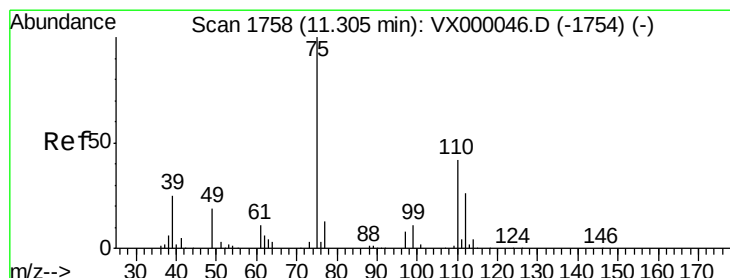
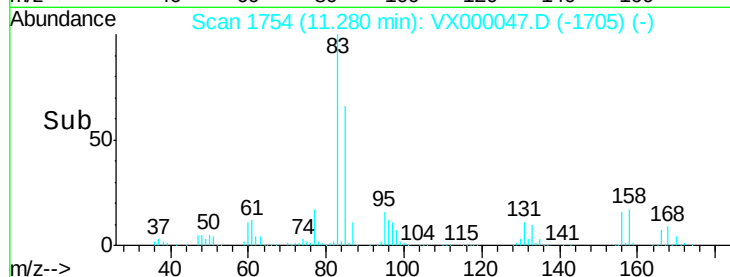
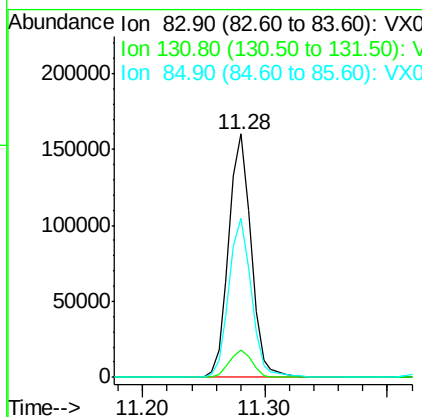
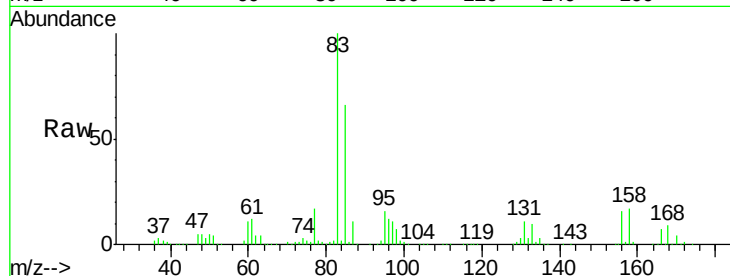
ClientSampled :

VSTDIC075

Tgt Ion:	83	Resp:	203090
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.7
85	65.5	32.6	97.7

Manual Integrations
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sam
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#76

1,2,3-Trichloropropane

Concen: 73.18 ug/l m

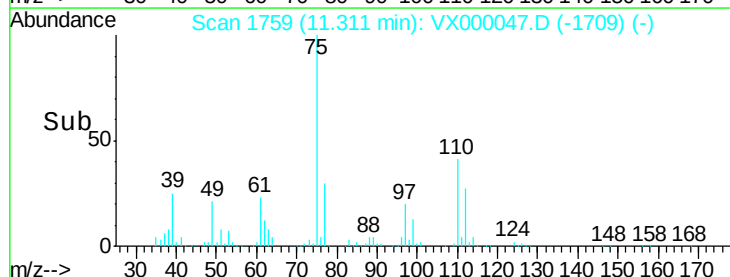
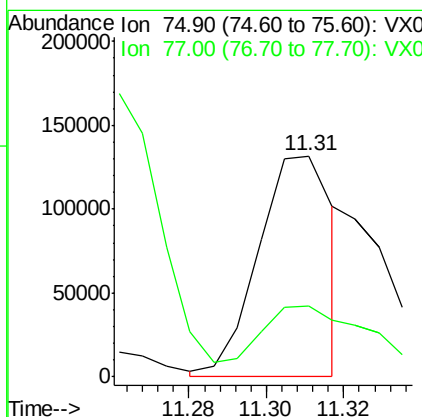
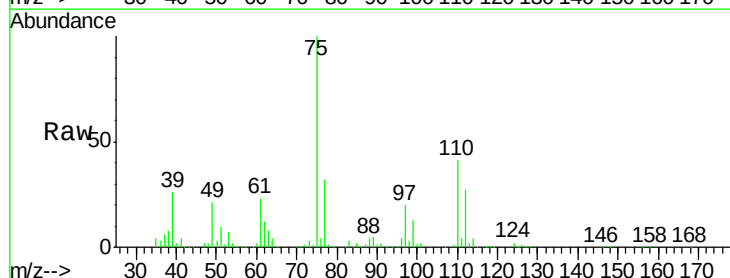
RT: 11.31 min Scan# 1759

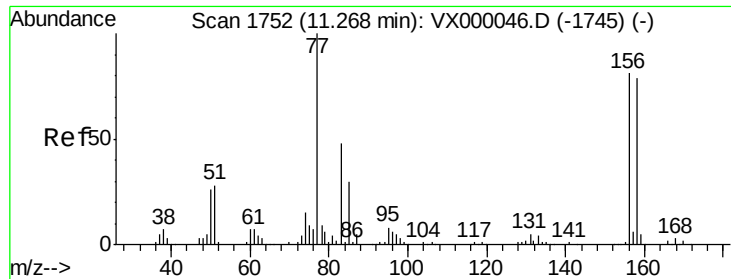
Delta R.T. 0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	75	Resp:	176029
Ion	Ratio	Lower	Upper
75	100		
77	47.9	23.7	71.1





#77

Bromobenzene

Concen: 78.90 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

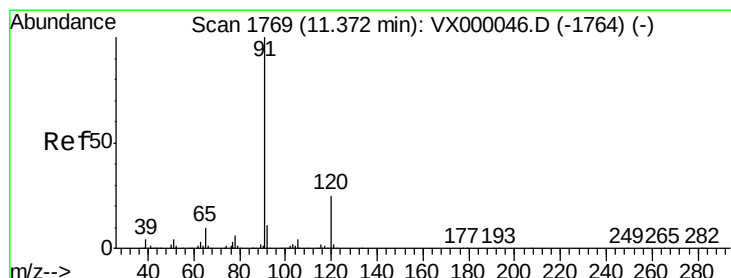
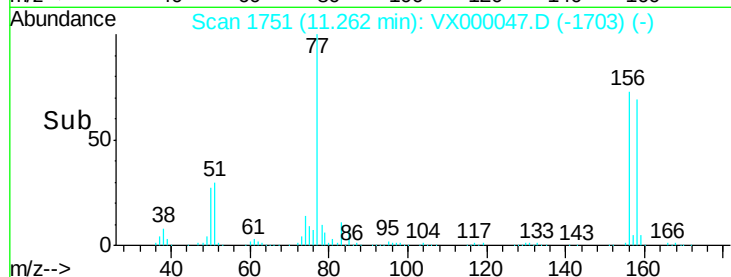
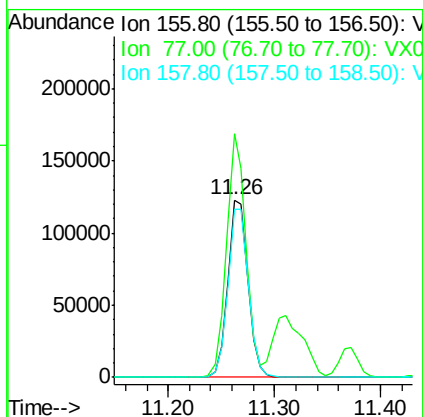
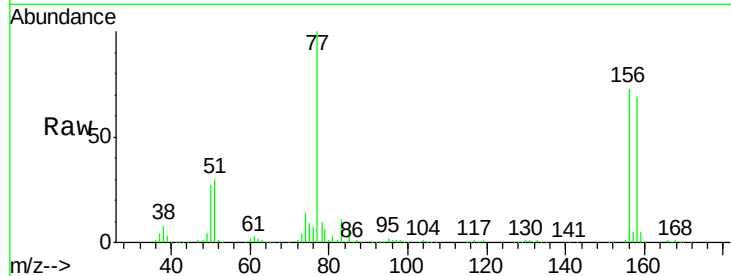
ClientSampleId :

VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	163140		
77	132.1	66.2	198.6	
158	97.1	48.6	145.9	

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 76.40 ug/l

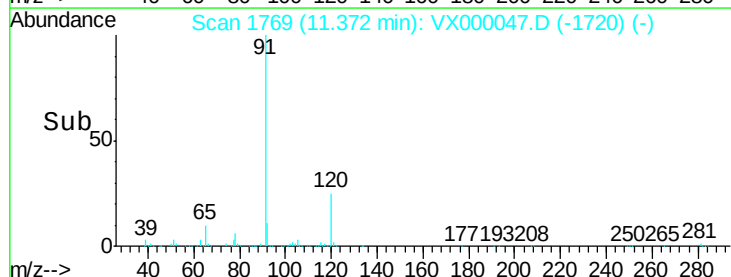
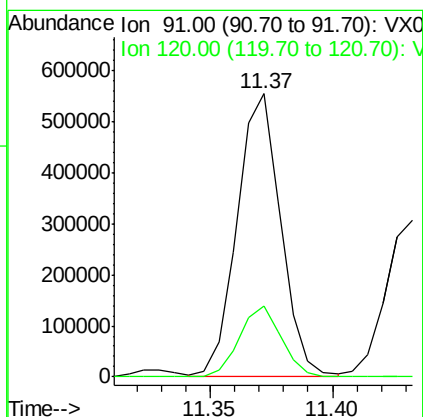
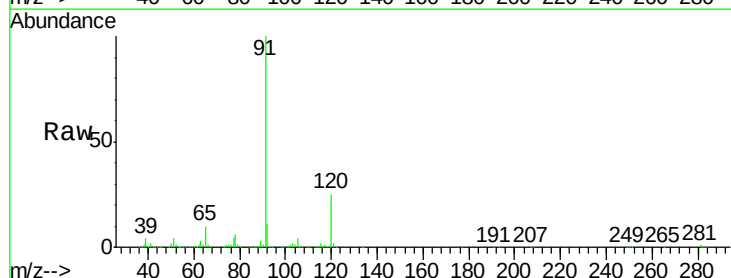
RT: 11.37 min Scan# 1769

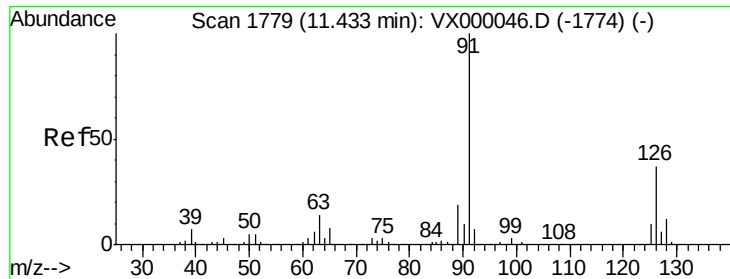
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	688308		
120	24.5	12.2	36.6	





#79

2-Chlorotoluene

Concen: 77.38 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

Tgt Ion: 91 Resp: 396094

Ion Ratio Lower Upper

91 100

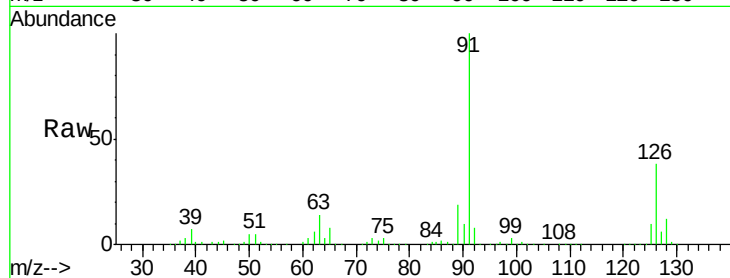
126 37.1 18.2 54.6

Manual Integrations

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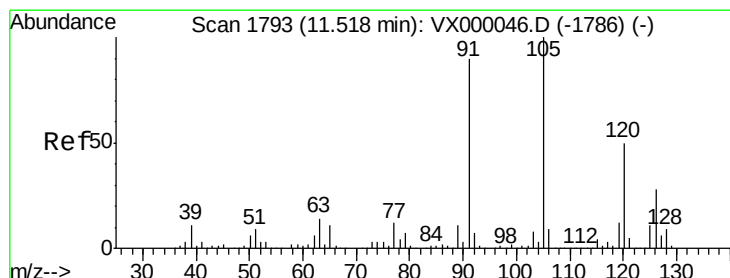
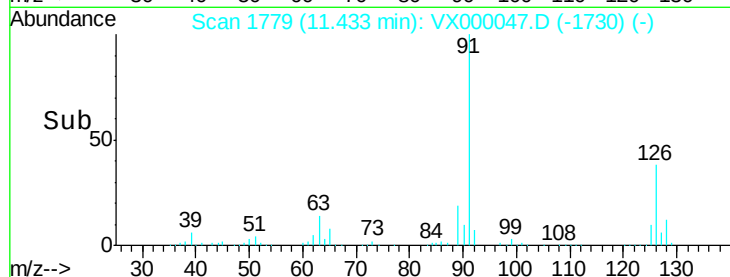
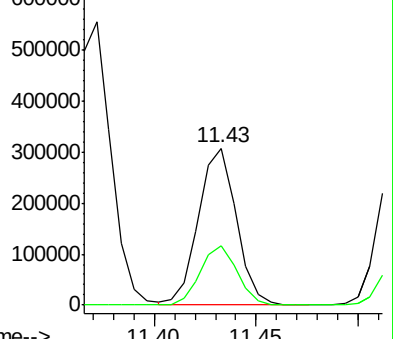
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 76.51 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000047.D

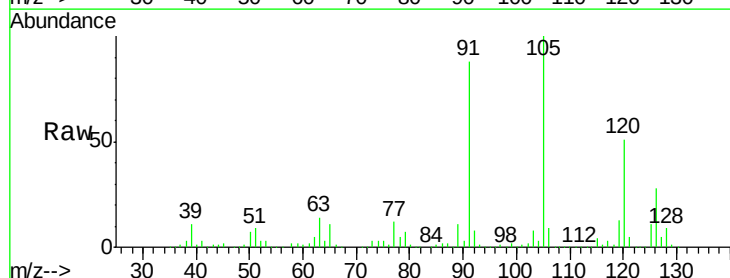
Acq: 09 Feb 2018 16:58

Tgt Ion: 105 Resp: 500203

Ion Ratio Lower Upper

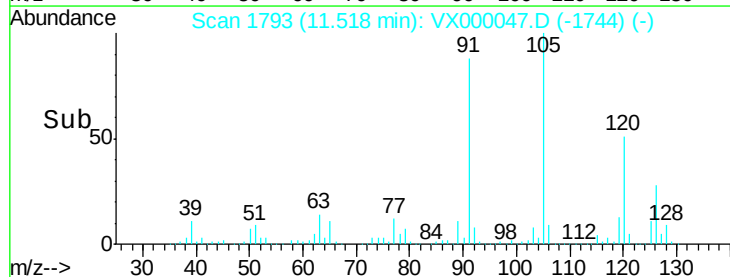
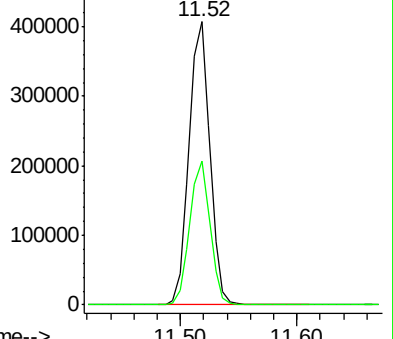
105 100

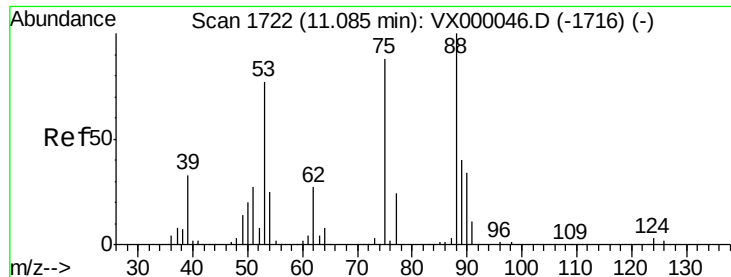
120 50.0 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX000046.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000046.D (-1786) (-)





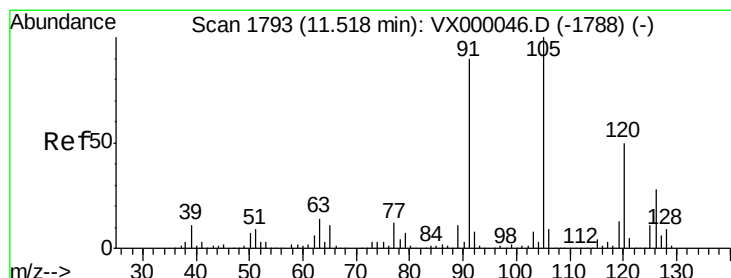
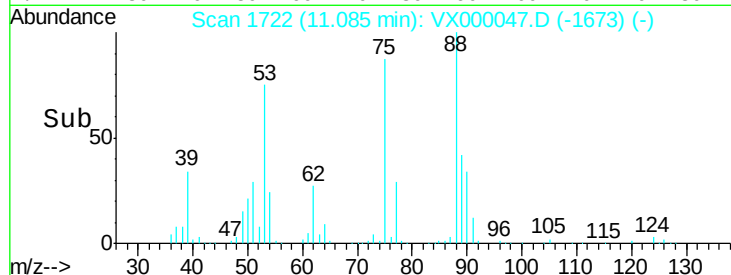
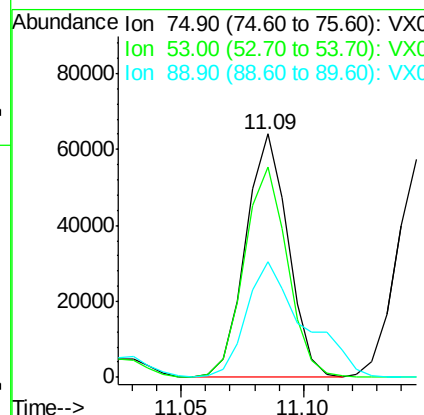
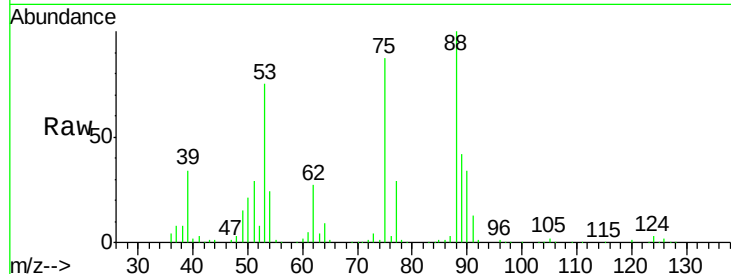
#81
trans-1,4-Dichloro-2-butene
Concen: 88.65 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion: 75 Resp: 77019
Ion Ratio Lower Upper
75 100
53 88.5 70.3 105.5
89 64.6 48.6 72.8

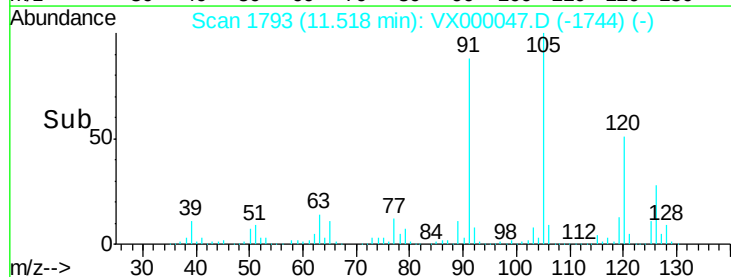
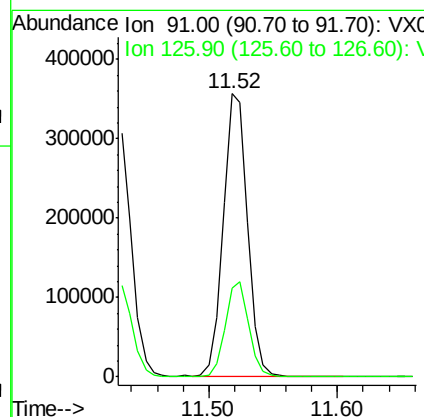
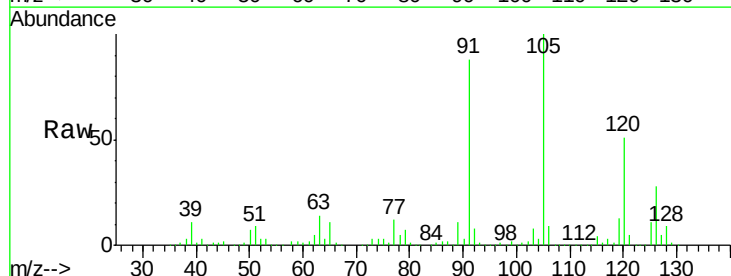
Manual Integrations
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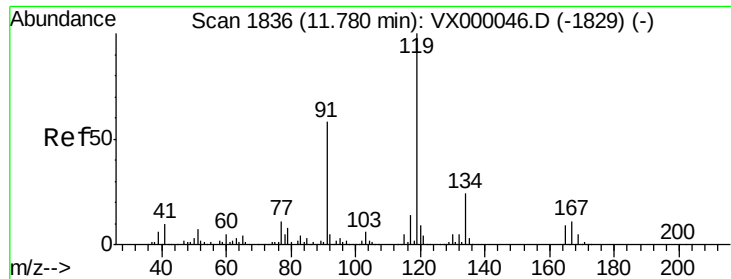
sam
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#82
4-Chlorotoluene
Concen: 76.63 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion: 91 Resp: 475194
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8





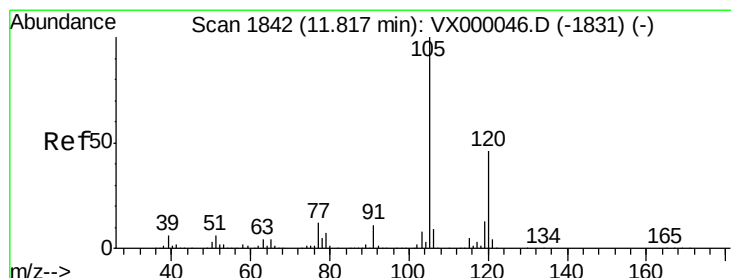
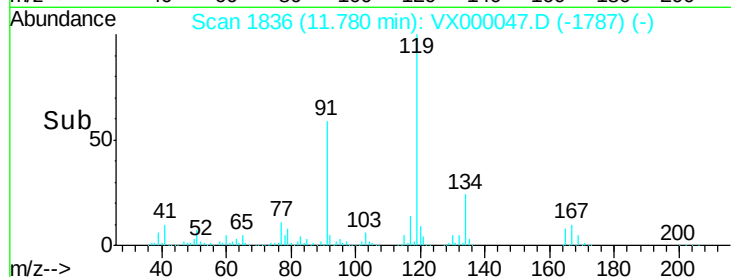
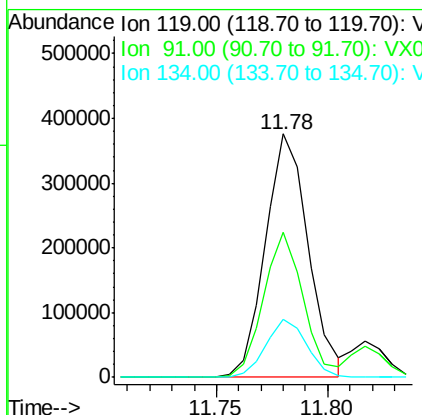
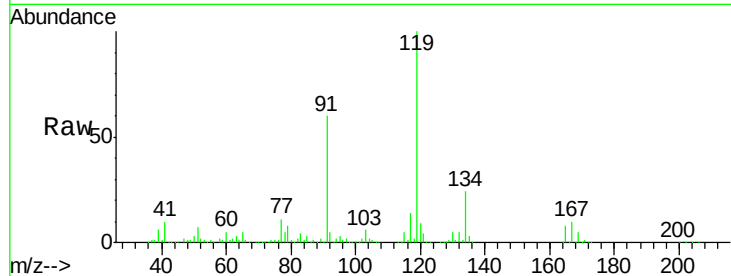
#83
 tert-Butylbenzene
 Concen: 76.04 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampled :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.9	83.7
134	23.0	11.7	35.1

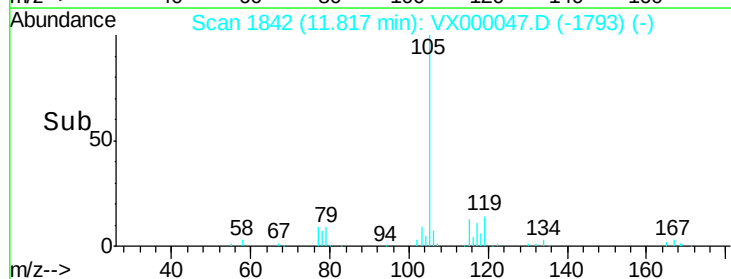
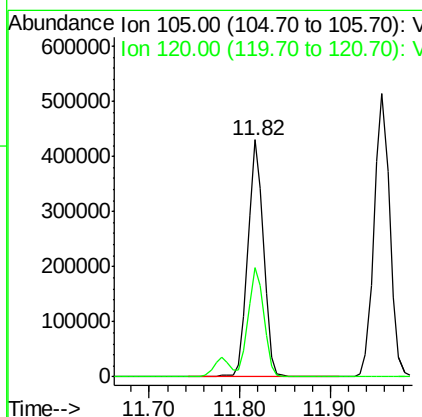
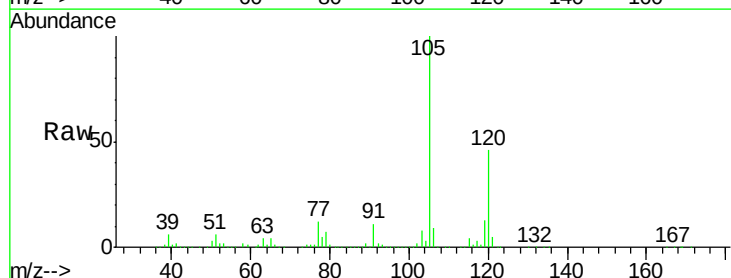
Manual Integrations
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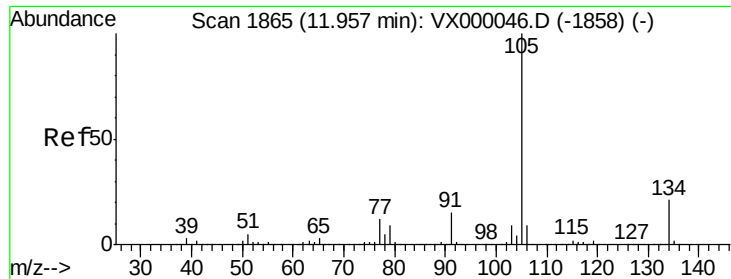
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 76.40 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.4	70.2





#85

sec-Butylbenzene

Concen: 75.90 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

ClientSampled :

VSTDIC075

Tgt Ion:105 Resp: 615609

Ion Ratio Lower Upper

105 100

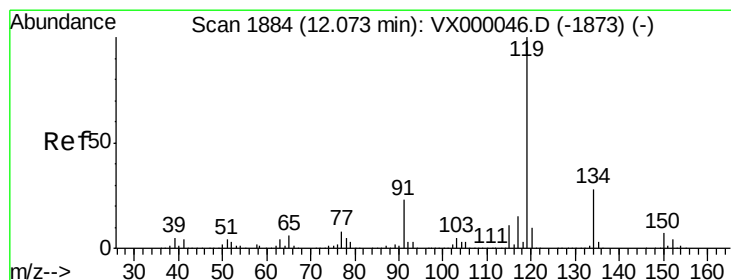
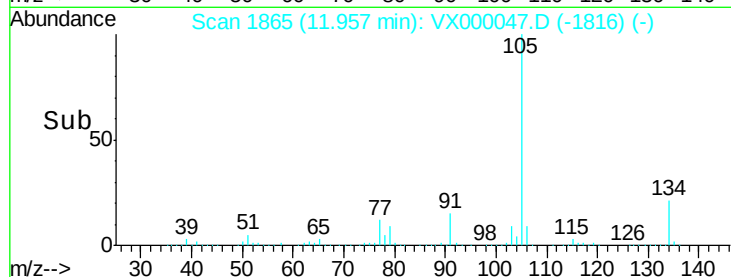
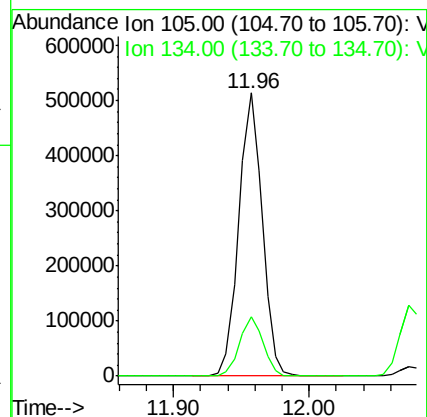
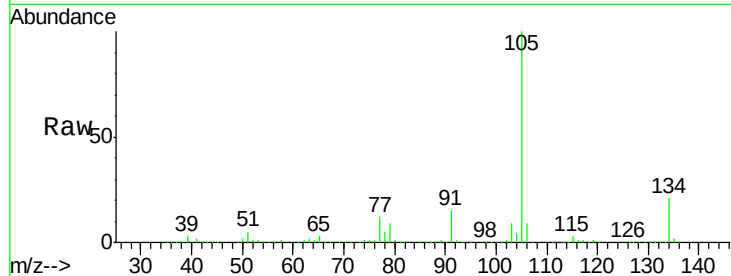
134 21.2 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 75.88 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

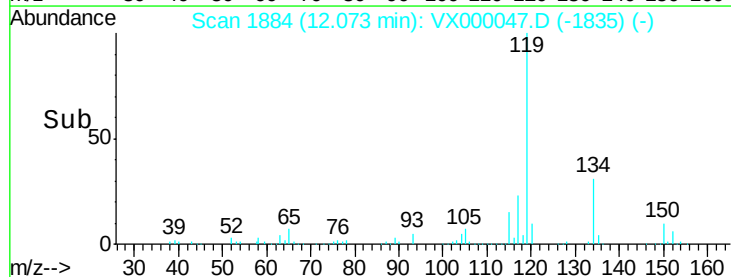
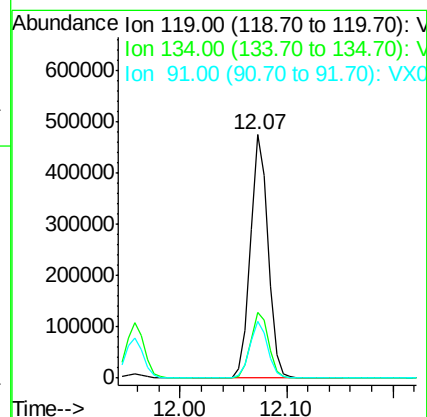
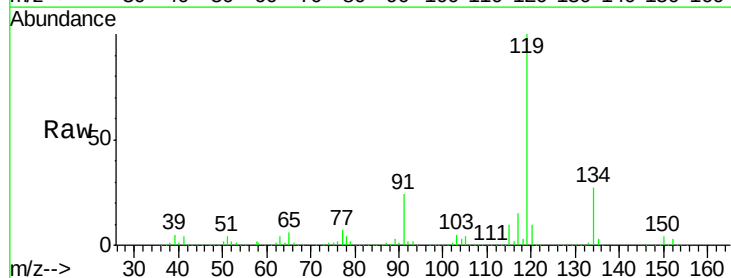
Tgt Ion:119 Resp: 554643

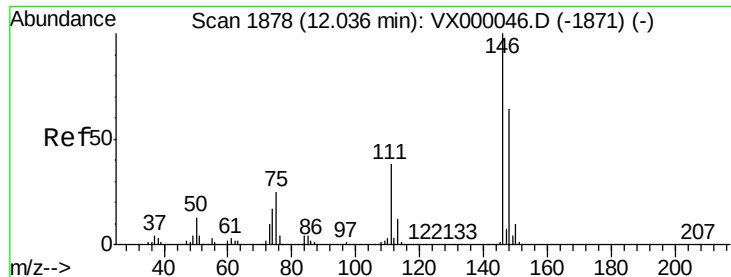
Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 23.5 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 75.35 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

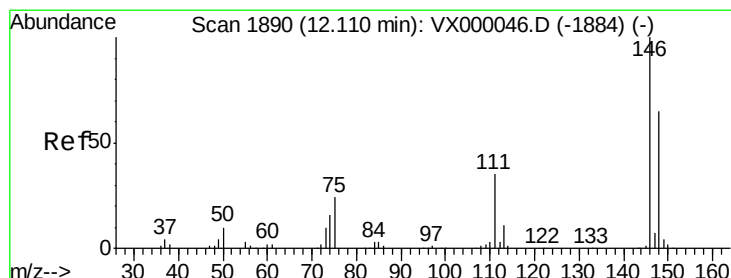
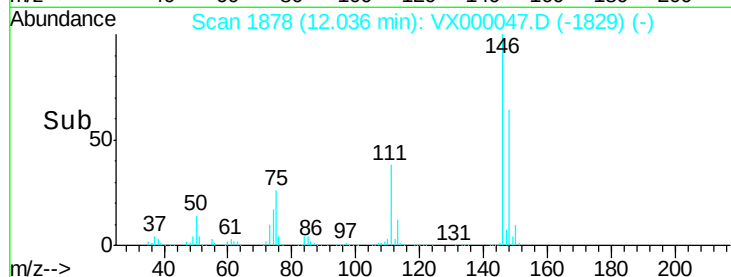
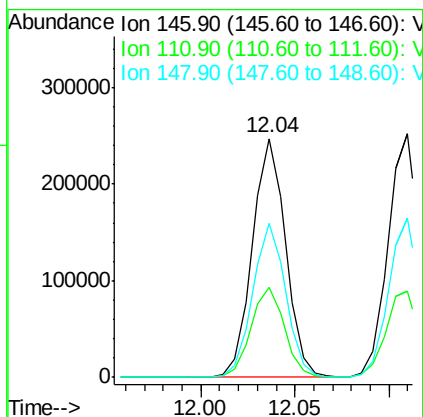
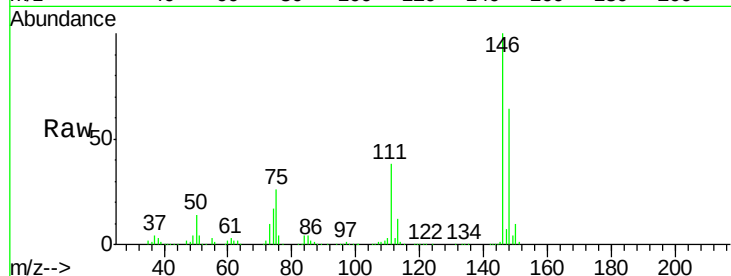
ClientSampled :

VSTDIC075

Tgt Ion:	146	Resp:	302395
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.9
148	64.0	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 75.22 ug/l

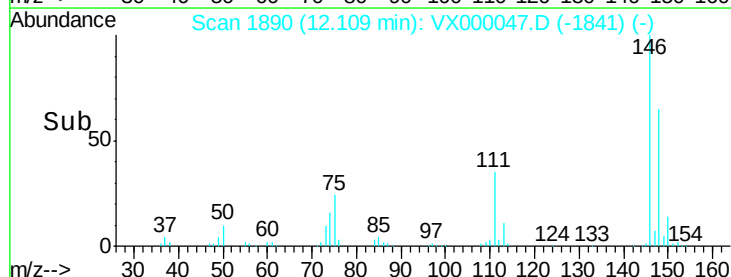
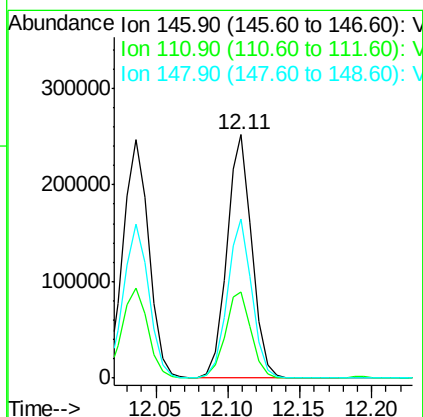
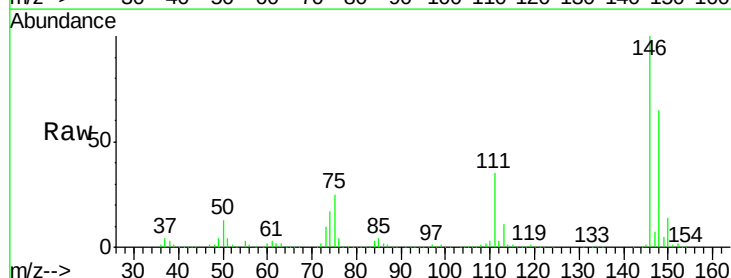
RT: 12.11 min Scan# 1890

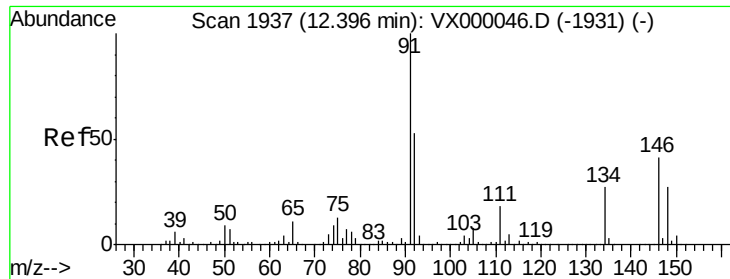
Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	146	Resp:	306420
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.7	56.1
148	64.2	32.1	96.5





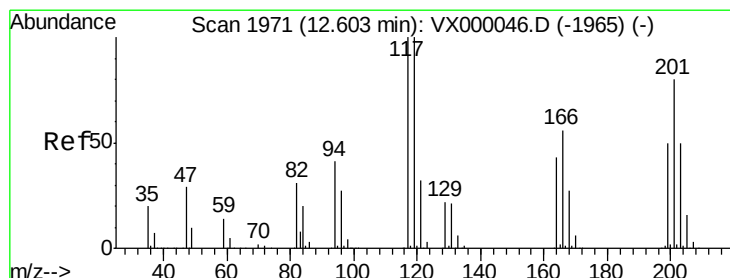
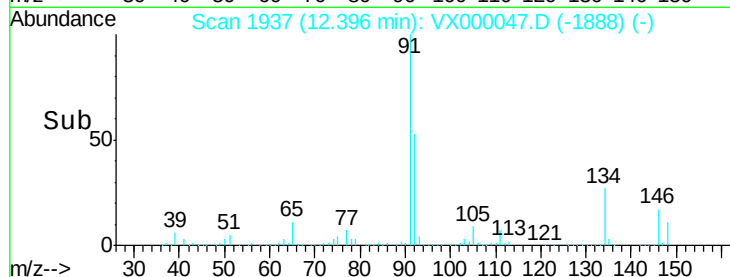
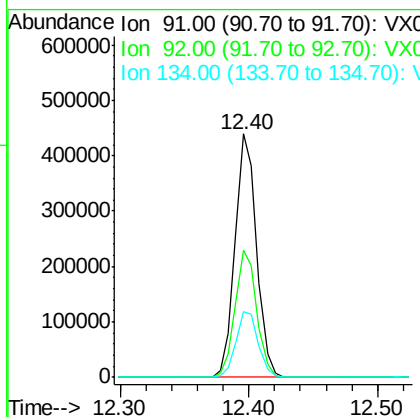
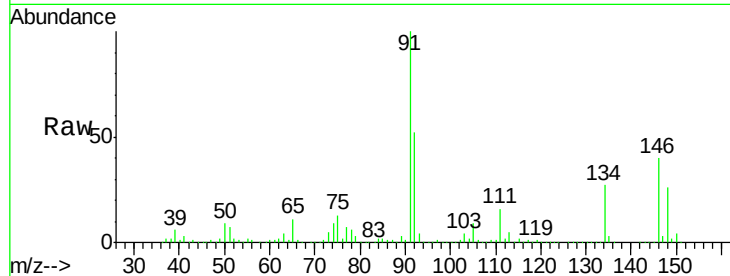
#89
n-Butylbenzene
Concen: 75.21 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Instrument :
ClientSampled :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.1	78.2
134	28.0	14.1	42.2

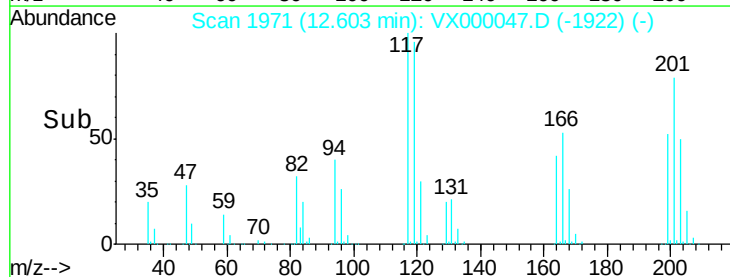
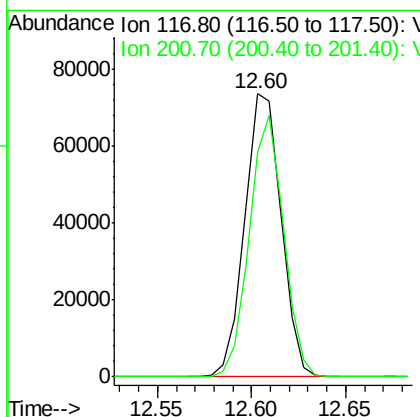
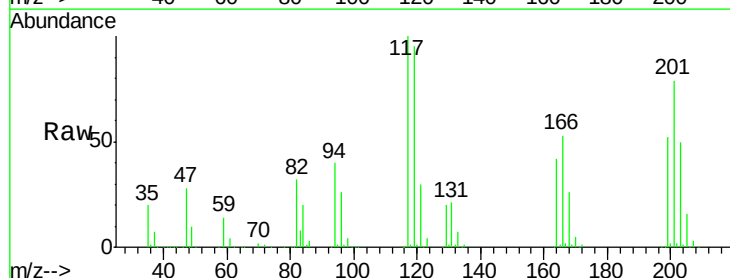
Manual Integrations
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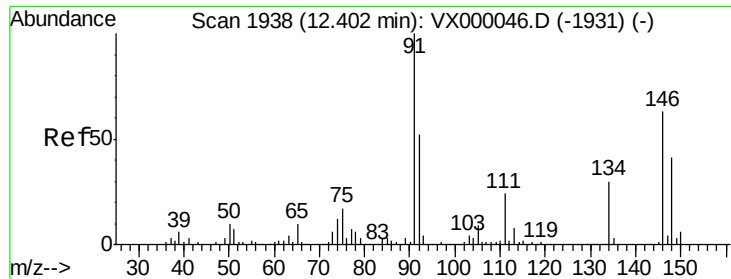
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#90
Hexachloroethane
Concen: 83.74 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000047.D
Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.5	130.7





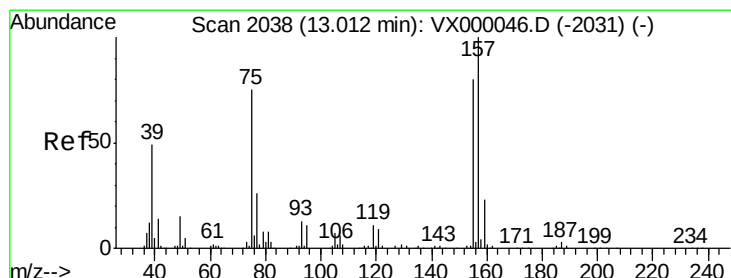
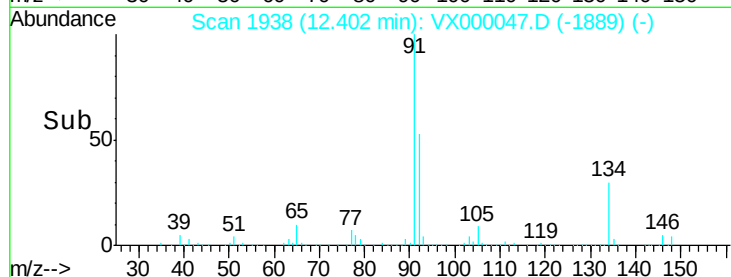
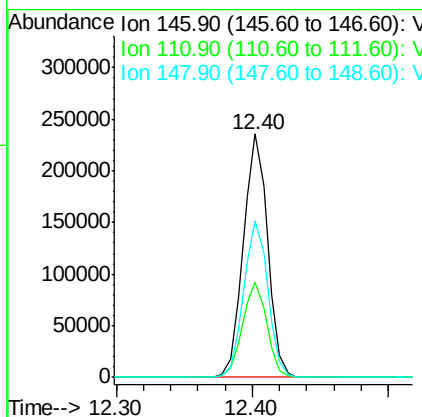
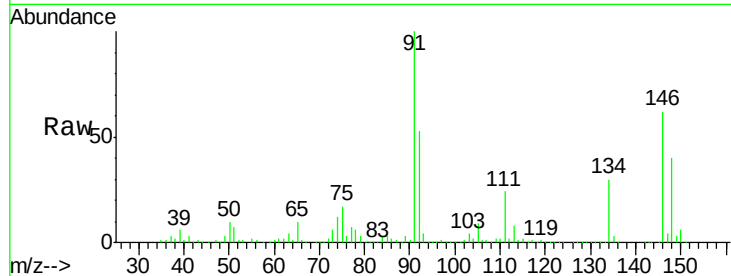
#91
 1,2-Dichlorobenzene
 Concen: 74.68 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampled :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292355		
111	39.1	19.4	58.2	
148	64.4	32.0	96.2	

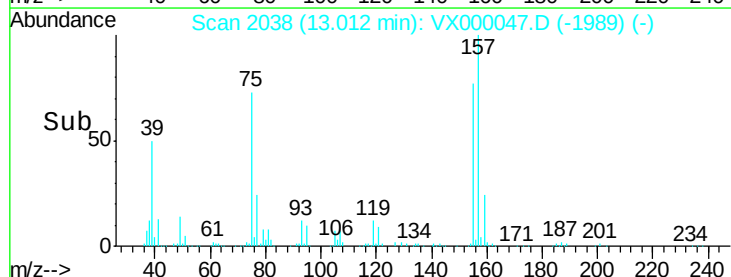
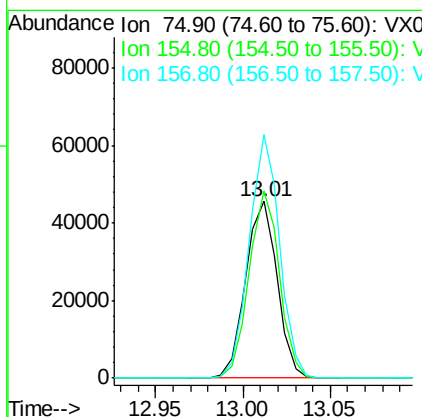
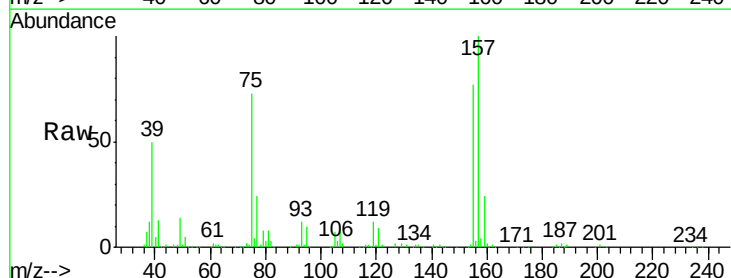
Manual Integrations
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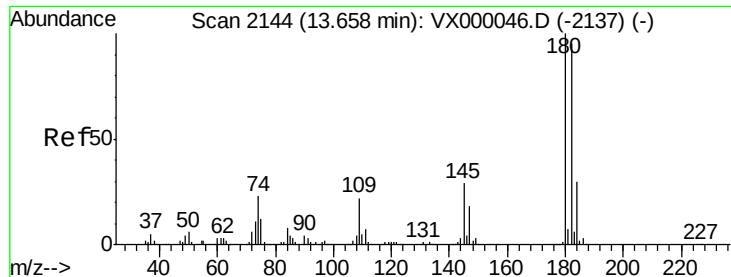
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.23 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57163		
155	101.7	52.0	156.0	
157	132.4	65.3	195.9	





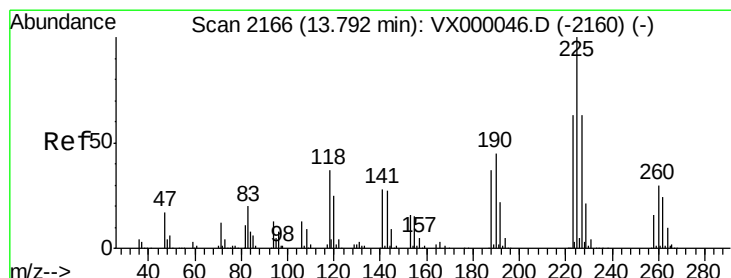
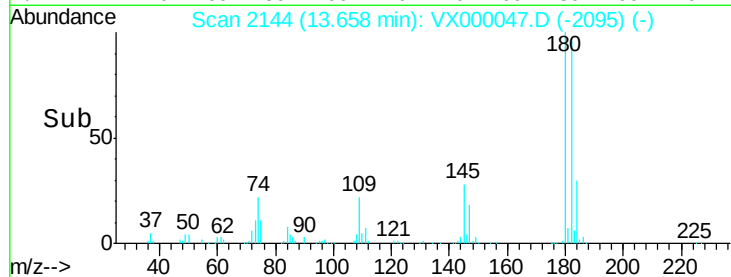
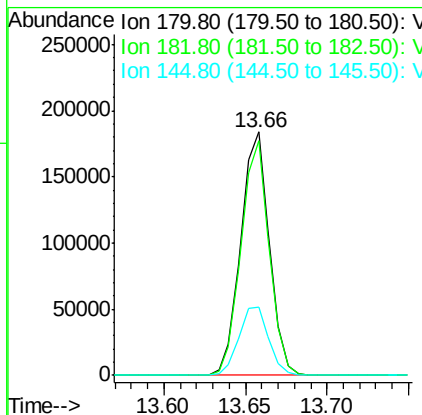
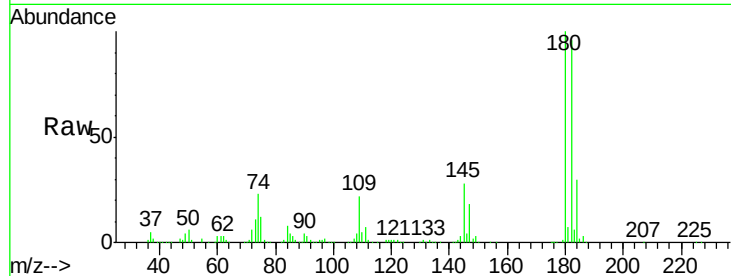
#93
 1,2,4-Trichlorobenzene
 Concen: 74.14 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Instrument :
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224028		
182	95.3	48.0	144.0	
145	29.4	14.7	44.1	

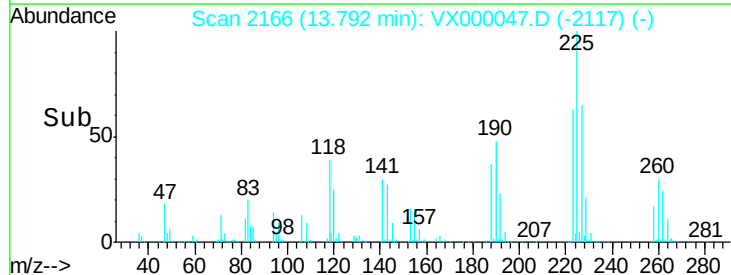
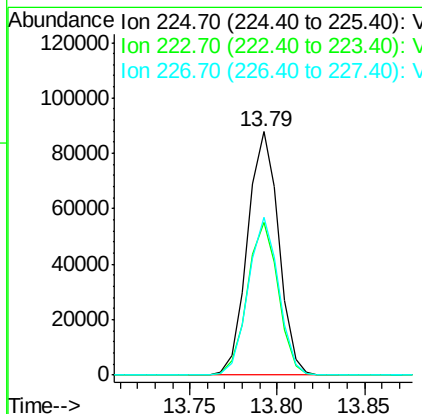
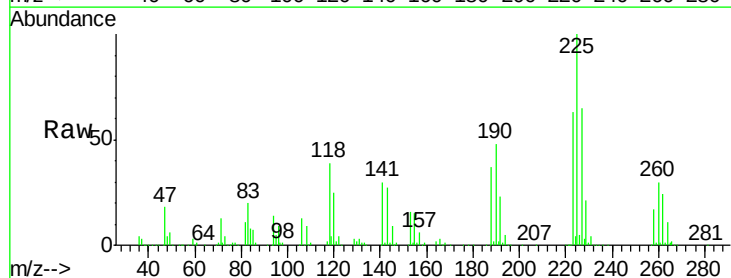
Manual Integrations
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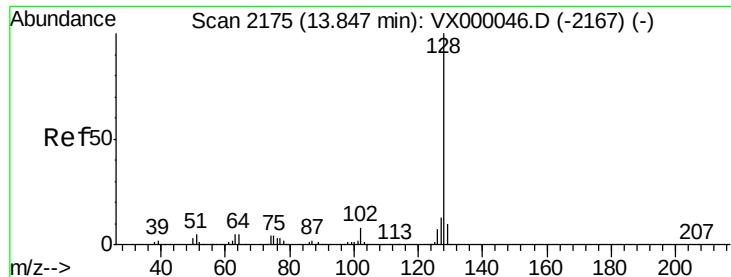
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#94
 Hexachlorobutadiene
 Concen: 78.42 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000047.D
 Acq: 09 Feb 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108481		
223	61.9	31.9	95.5	
227	63.2	31.6	95.0	





#95

Naphthalene

Concen: 73.10 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Instrument :

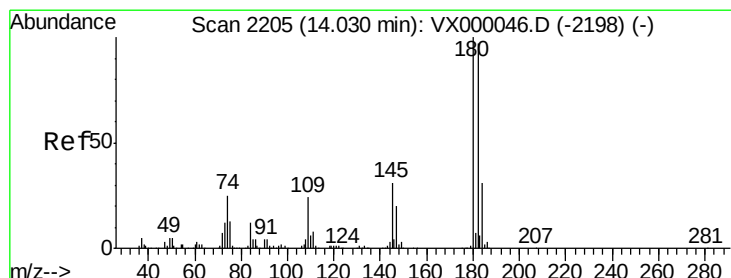
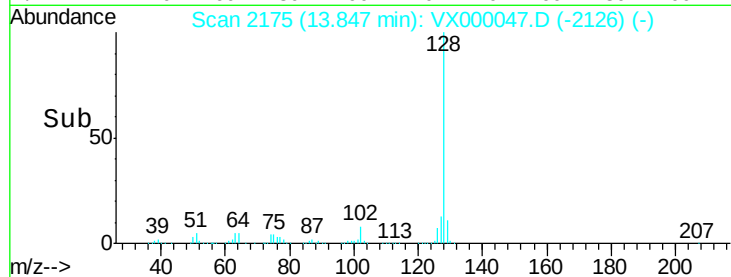
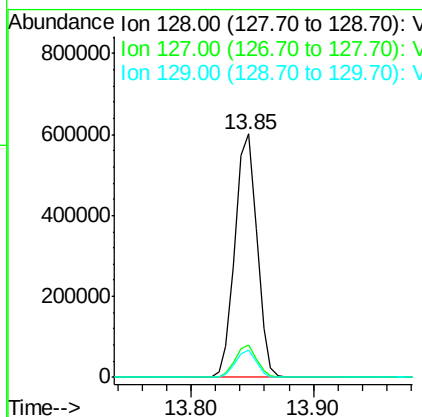
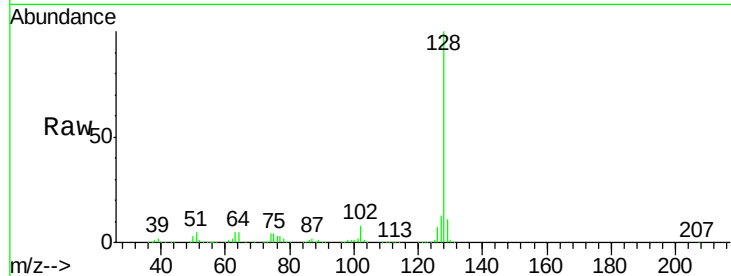
ClientSampled :

VSTDIC075

Tgt Ion:	128	Resp:	741975
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

sam
2/14/2018 5:30:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 74.33 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000047.D

Acq: 09 Feb 2018 16:58

Tgt Ion:	180	Resp:	220036
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.9	143.7
145	31.0	15.7	47.0

