

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000046.D
 Acq On : 09 Feb 2018 16:31
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:36 PM

Quant Time: Feb 09 22:45:56 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	148774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	225389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.09	65	72271	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	5.52	113	67402	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.73	98	238646	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.15	95	99273	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63743	47.13	ug/l	100
3) Chloromethane	1.32	50	65993	47.01	ug/l	100
4) Vinyl Chloride	1.41	62	75795	48.00	ug/l	100
5) Bromomethane	1.64	94	37532	31.15	ug/l	100
6) Chloroethane	1.72	64	45248	48.48	ug/l	100
7) Trichlorofluoromethane	1.93	101	129413	47.34	ug/l	100
8) Diethyl Ether	2.20	74	45779	48.09	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71516	46.94	ug/l	100
10) Methyl Iodide	2.51	142	91973	51.79	ug/l	100
11) Tert butyl alcohol	3.09	59	138444	201.16	ug/l	100
12) 1,1-Dichloroethene	2.38	96	68159	46.27	ug/l	100
13) Acrolein	2.30	56	75088	178.77	ug/l	100
14) Allyl chloride	2.73	41	115749	45.05	ug/l	100
15) Acrylonitrile	3.16	53	246799	221.97	ug/l	100
16) Acetone	2.46	43	195694	151.53	ug/l	100
17) Carbon Disulfide	2.57	76	200743	48.10	ug/l	100
18) Methyl Acetate	2.79	43	109558	43.75	ug/l	100
19) Methyl tert-butyl Ether	3.22	73	236829	48.07	ug/l	100
20) Methylene Chloride	2.86	84	73111	46.91	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	73417	46.91	ug/l	100
22) Diisopropyl ether	3.89	45	192345	42.54	ug/l	100
23) Vinyl Acetate	3.84	43	891049	228.16	ug/l	100
24) 1,1-Dichloroethane	3.70	63	122941	46.18	ug/l	100
25) 2-Butanone	4.73	43	311926	195.67	ug/l	100
26) 2,2-Dichloropropane	4.59	77	105223	46.59	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	73378	48.06	ug/l	100
28) Bromochloromethane	5.03	49	39610	44.87	ug/l	100
29) Tetrahydrofuran	5.19	42	215965	218.32	ug/l	100
30) Chloroform	5.23	83	125028	48.94	ug/l	100
31) Cyclohexane	5.59	56	100355	47.92	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	117401	47.97	ug/l	100
36) 1,1-Dichloropropene	5.81	75	94303	50.85	ug/l	100
37) Ethyl Acetate	4.88	43	118463	46.19	ug/l	100
38) Carbon Tetrachloride	5.79	117	109783	56.15	ug/l	100

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 2/14/2018 5:29:36 PM

Quant Time: Feb 09 22:45:56 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)
39) Methylcyclohexane	7.47	83	116168	49.19	ug/l	100
40) Benzene	6.15	78	274710	50.51	ug/l	100
41) Methacrylonitrile	5.08	41	61275	45.86	ug/l	100
42) 1,2-Dichloroethane	6.21	62	97995	50.38	ug/l	100
43) Isopropyl Acetate	6.48	43	182786	48.45	ug/l	100
44) Trichloroethene	7.22	130	85440	49.76	ug/l	100
45) 1,2-Dichloropropane	7.53	63	67414	49.75	ug/l	100
46) Dibromomethane	7.67	93	52519	49.78	ug/l	100
47) Bromodichloromethane	7.91	83	101333	51.40	ug/l	100
48) Methyl methacrylate	7.79	41	89835	48.24	ug/l	100
49) 1,4-Dioxane	7.78	88	47772	892.75	ug/l	100
51) 4-Methyl-2-Pentanone	8.67	43	654361	242.75	ug/l	100
52) Toluene	8.79	92	187137	51.33	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	118926	51.71	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	119858	53.44	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	77184	50.56	ug/l	100
56) Ethyl methacrylate	9.20	69	123006	51.85	ug/l	100
57) 1,3-Dichloropropane	9.38	76	121762	50.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	294407	278.89	ug/l	100
59) 2-Hexanone	9.51	43	536493	232.55	ug/l	100
60) Dibromochloromethane	9.59	129	92670	53.76	ug/l	100
61) 1,2-Dibromoethane	9.68	107	88515	52.62	ug/l	100
64) Tetrachloroethene	9.35	164	80173	48.66	ug/l	100
65) Chlorobenzene	10.15	112	222148	50.57	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	82565	51.53	ug/l	100
67) Ethyl Benzene	10.26	91	368783	50.18	ug/l	100
68) m/p-Xylenes	10.37	106	294827	101.37	ug/l	100
69) o-Xylene	10.71	106	143960	50.94	ug/l	100
70) Styrene	10.72	104	244127	51.99	ug/l	100
71) Bromoform	10.87	173	81831	54.22	ug/l #	100
73) Isopropylbenzene	11.03	105	387253	50.17	ug/l	100
74) N-amyl acetate	6.48	43	182786	47.38	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	132549	50.19	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	115659m	48.34	ug/l	
77) Bromobenzene	11.27	156	106708	51.88	ug/l	100
78) n-propylbenzene	11.37	91	444794	49.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	260888	51.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	327658	50.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	48627	56.27	ug/l	100
82) 4-Chlorotoluene	11.52	91	308764	50.06	ug/l	100
83) tert-Butylbenzene	11.78	119	330609	50.33	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	334889	49.98	ug/l	100
85) sec-Butylbenzene	11.96	105	404224	50.10	ug/l	100
86) p-Isopropyltoluene	12.07	119	363327	49.97	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	199294	49.92	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	203210	50.15	ug/l	100
89) n-Butylbenzene	12.40	91	336425	49.54	ug/l	100
90) Hexachloroethane	12.60	117	64130	54.83	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	196550	50.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36320	46.78	ug/l	100

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ClientSampleId :
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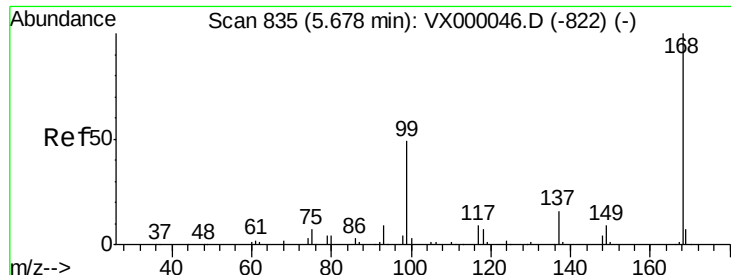
Manual Integrations
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Quant Time: Feb 09 22:45:56 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 22:29:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	146967	48.90	ug/l	100
94) Hexachlorobutadiene	13.79	225	71718	52.12	ug/l	100
95) Naphthalene	13.85	128	482667	47.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	144599	49.11	ug/l	100

(#) = 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: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 148774

Ion Ratio Lower Upper

168 100

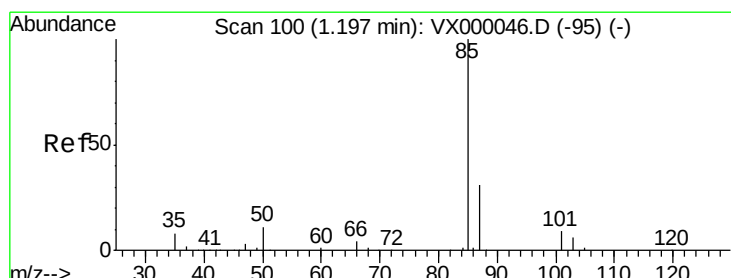
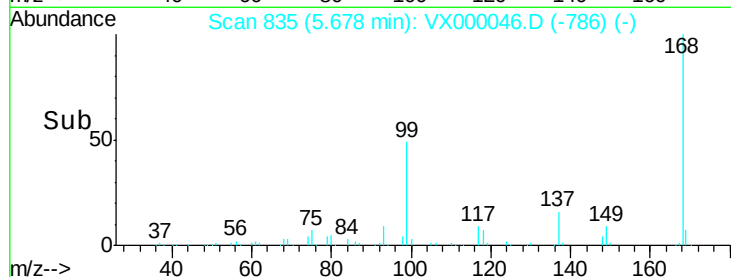
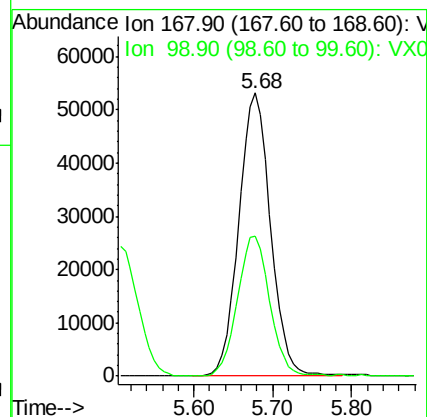
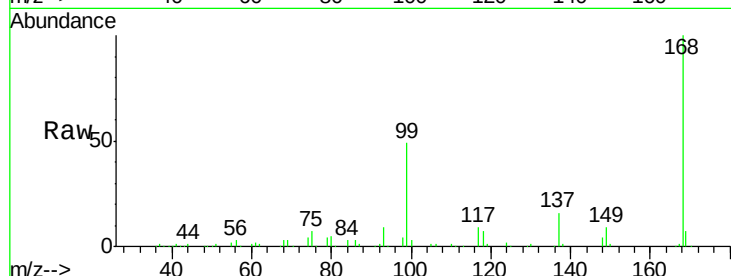
99 49.3 39.4 59.2

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#2

Dichlorodifluoromethane

Concen: 47.13 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000046.D

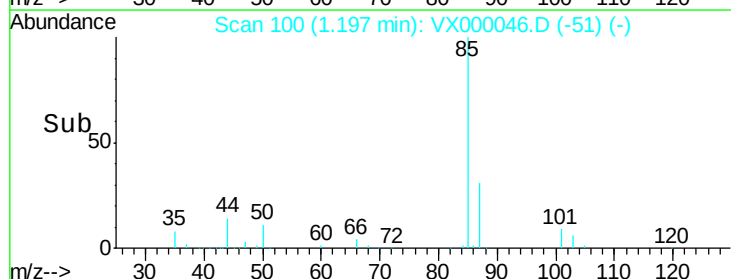
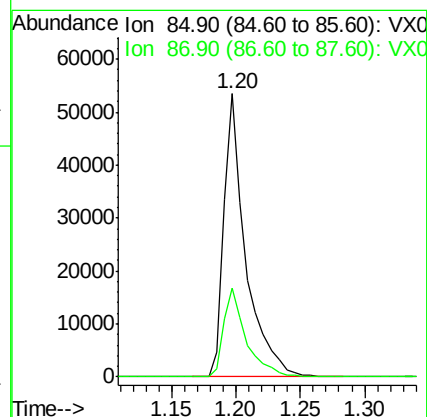
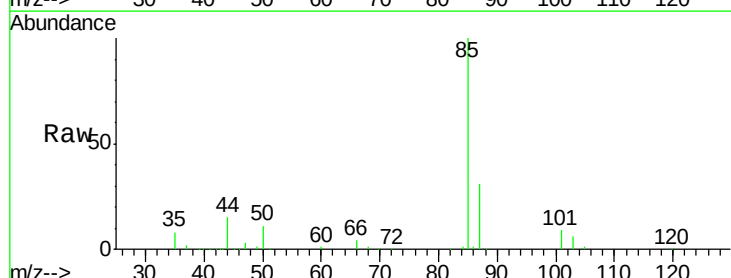
Acq: 09 Feb 2018 16:31

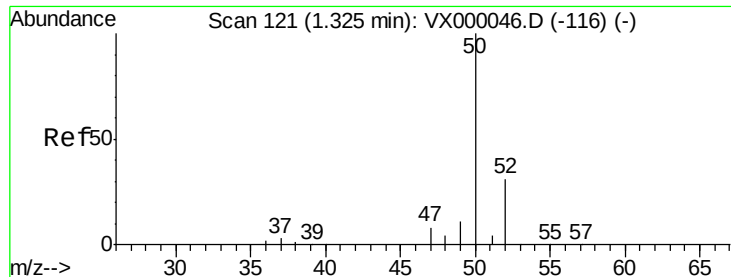
Tgt Ion: 85 Resp: 63743

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.0





#3

Chloromethane

Concen: 47.01 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 65993

Ion Ratio Lower Upper

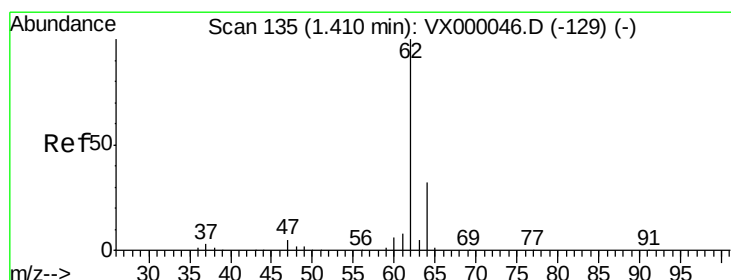
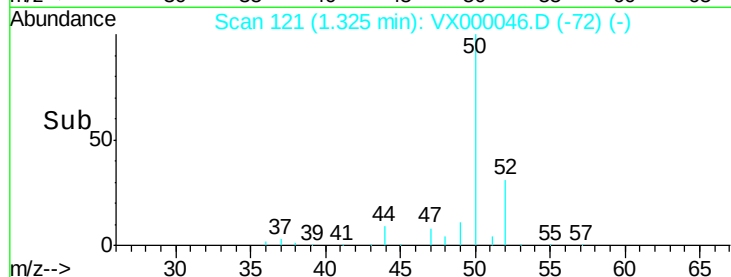
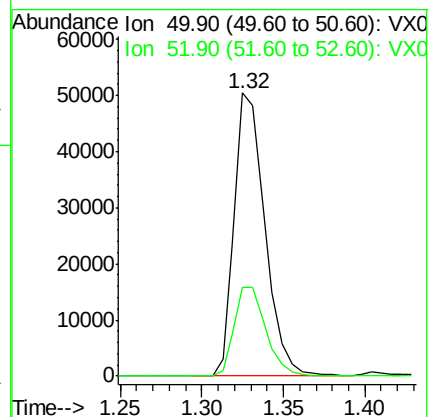
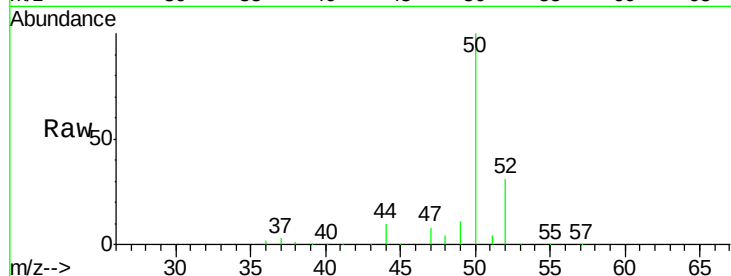
50 100

52 31.3 25.0 37.6

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#4

Vinyl Chloride

Concen: 48.00 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000046.D

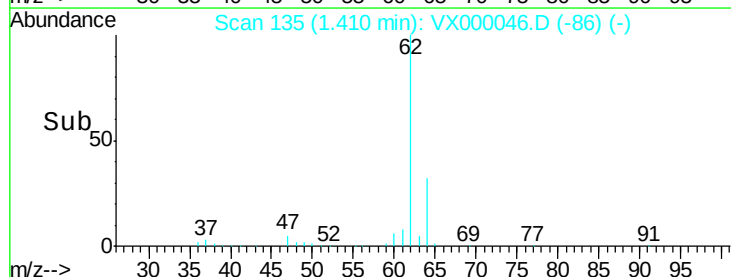
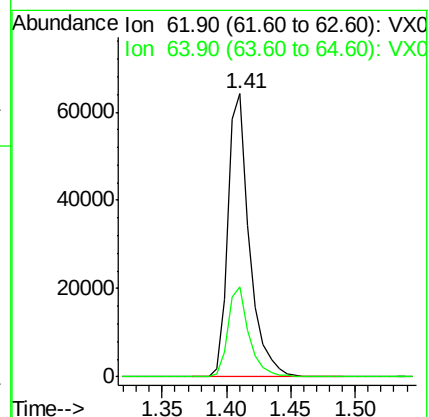
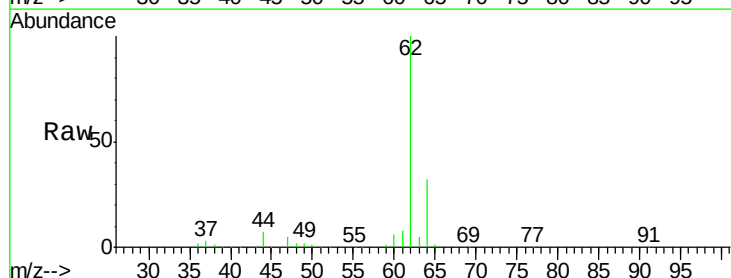
Acq: 09 Feb 2018 16:31

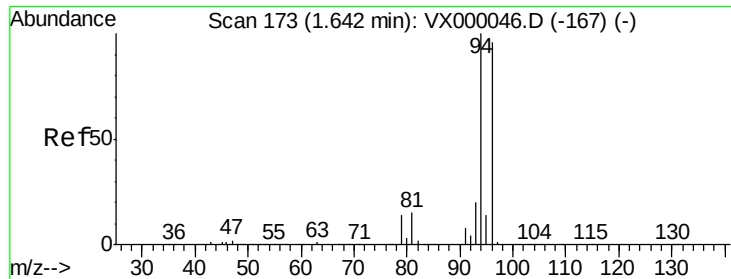
Tgt Ion: 62 Resp: 75795

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 31.15 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 37532

Ion Ratio Lower Upper

94 100

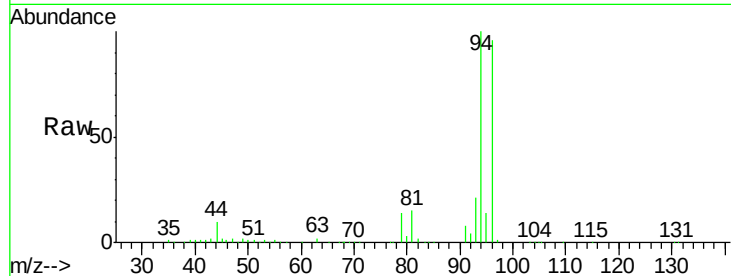
96 95.9 76.7 115.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

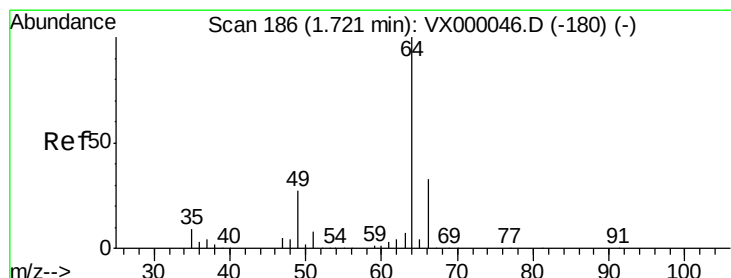
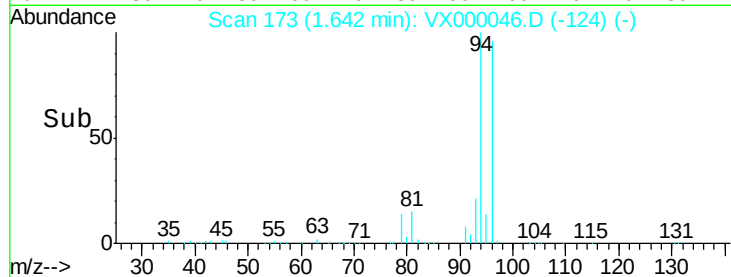
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 48.48 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000046.D

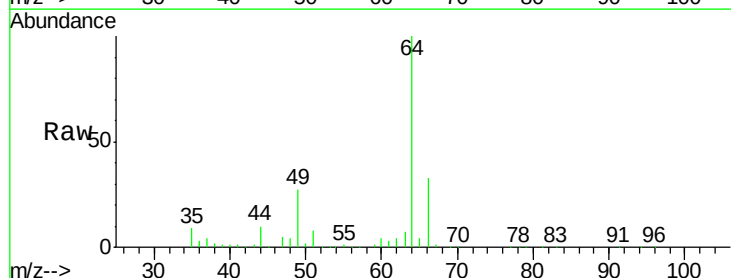
Acq: 09 Feb 2018 16:31

Tgt Ion: 64 Resp: 45248

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

1.72

30000

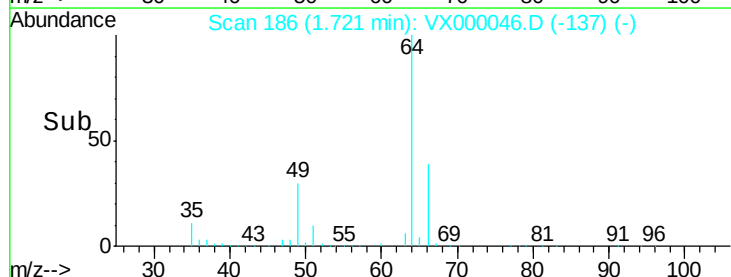
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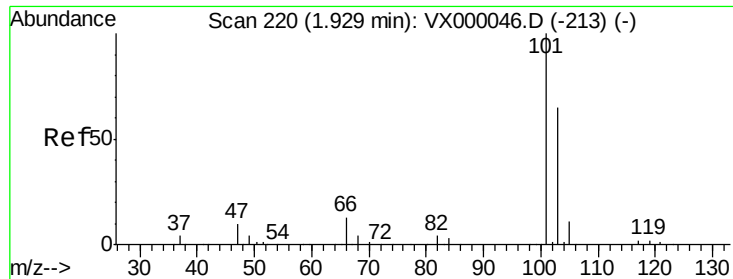
10000

0

Time-->

1.65 1.70 1.75 1.80 1.85





#7

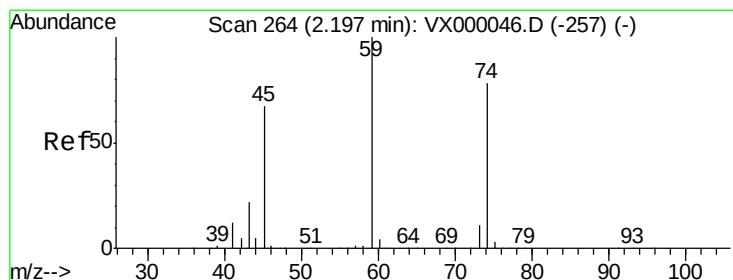
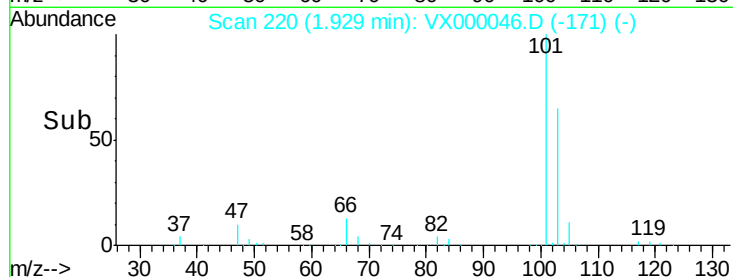
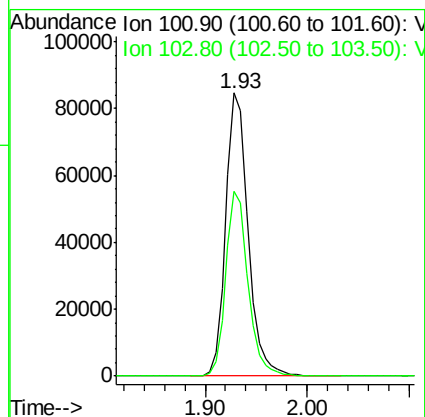
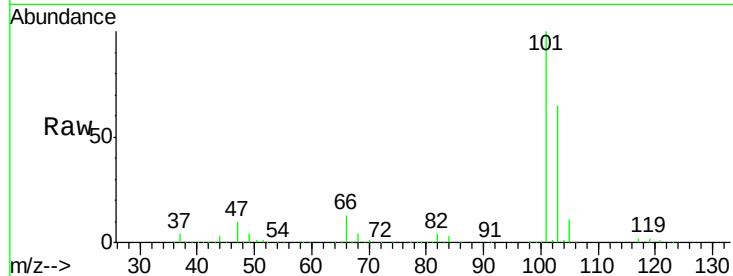
Trichlorofluoromethane
Concen: 47.34 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 129413
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

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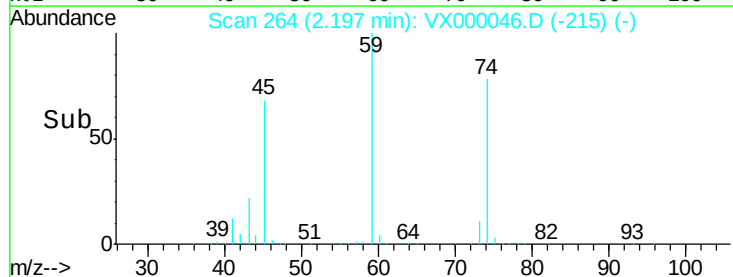
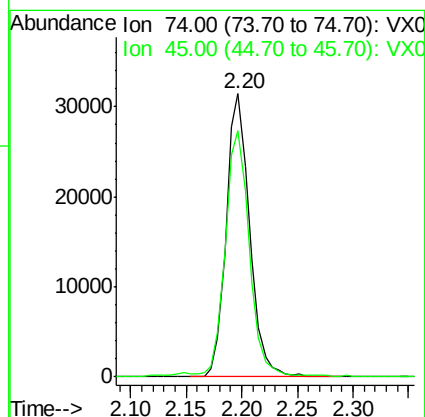
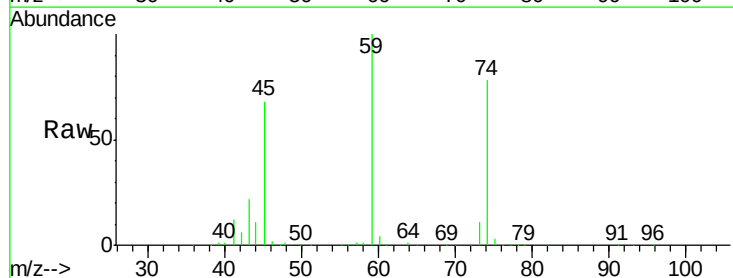
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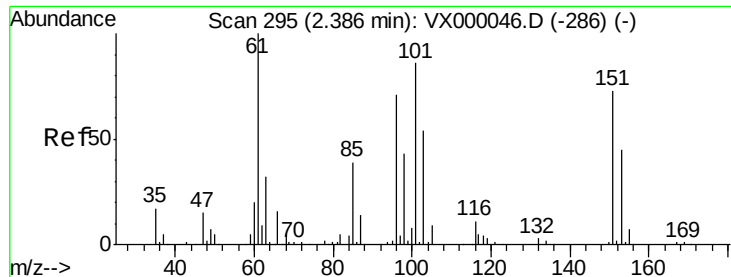


#8

Diethyl Ether
Concen: 48.09 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion: 74 Resp: 45779
Ion Ratio Lower Upper
74 100
45 88.5 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.94 ug/l

RT: 2.39 min Scan# 295

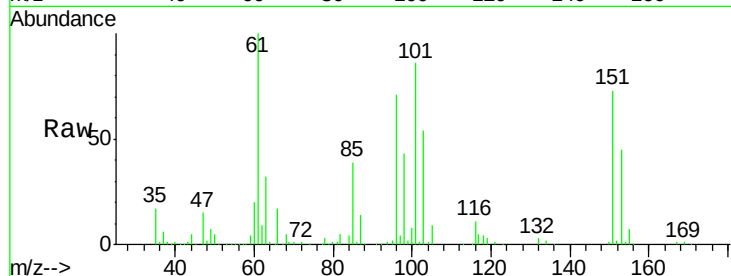
Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

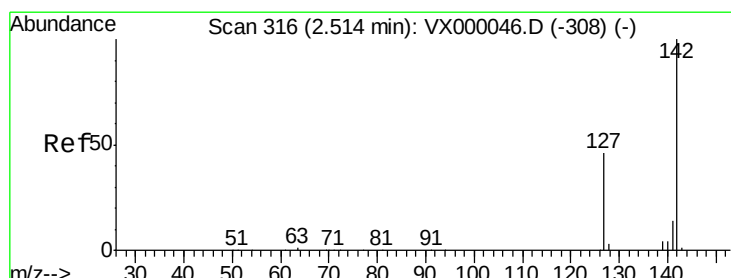
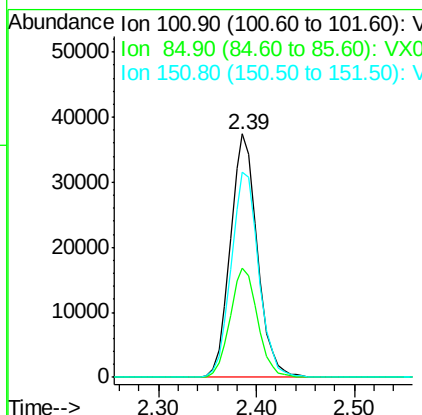
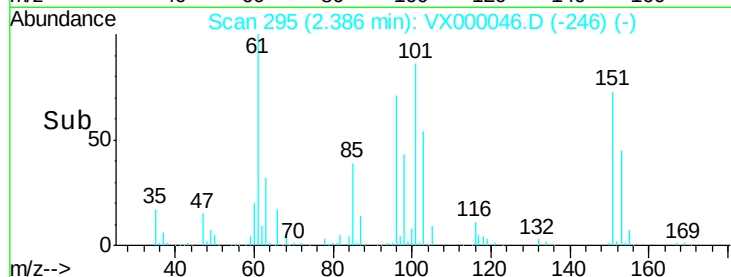
ClientSampleId :
VSTDICCC050



Tgt Ion:	101	Resp:	71516
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	86.0	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 51.79 ug/l

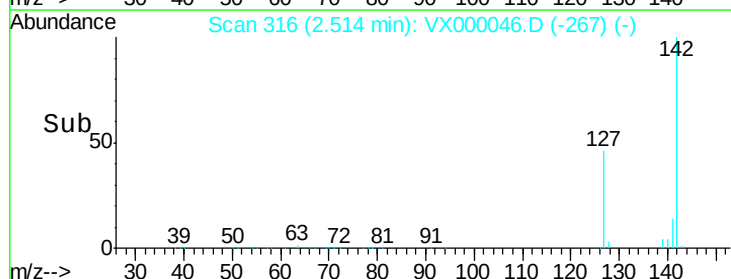
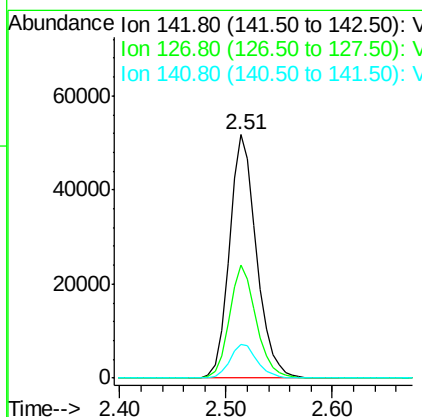
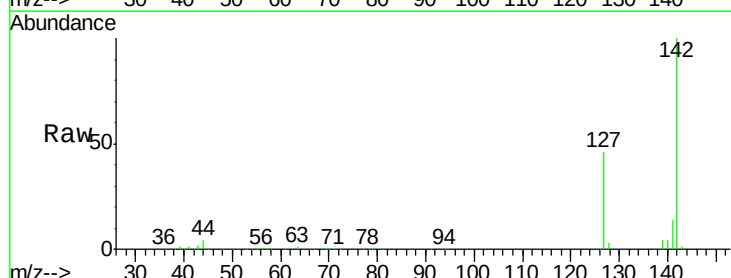
RT: 2.51 min Scan# 316

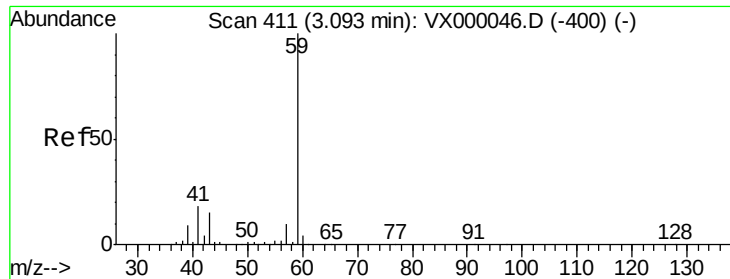
Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Tgt Ion:	142	Resp:	91973
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.8	55.2
141	14.2	11.4	17.0





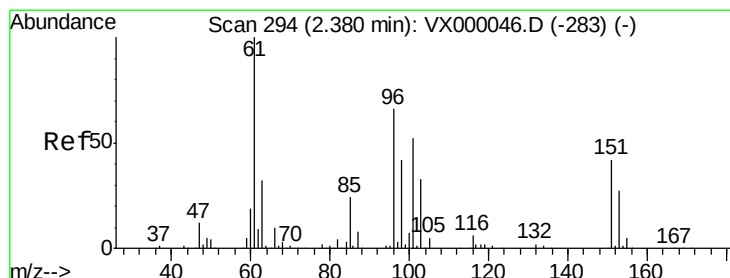
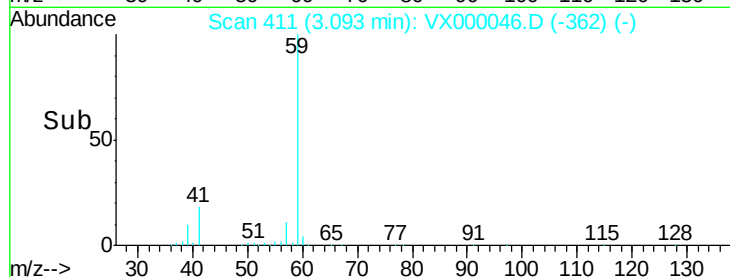
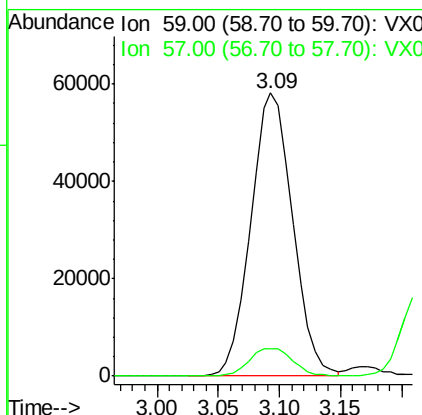
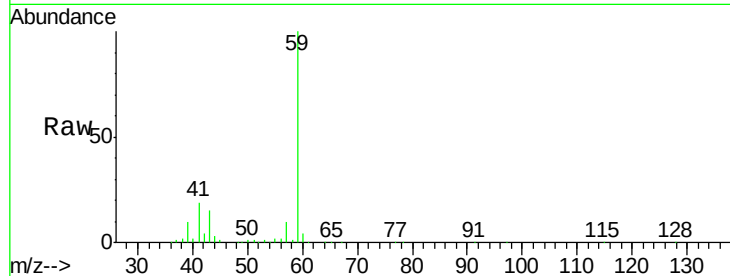
#11
Tert butyl alcohol
Concen: 201.16 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 138444
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

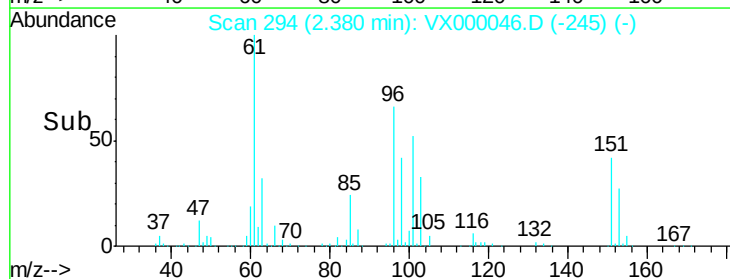
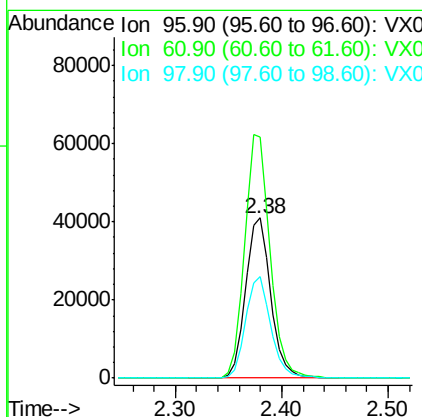
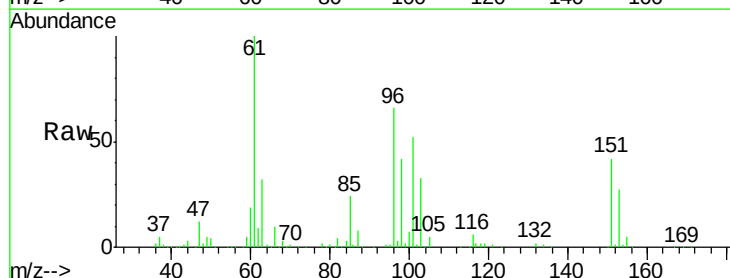
Manual Integrations
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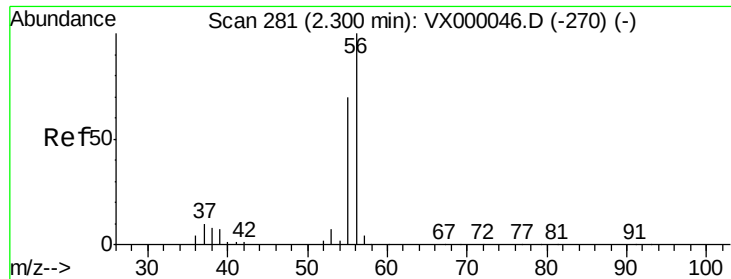
sam
2/14/2018 5:29:36 PM



#12
1,1-Dichloroethene
Concen: 46.27 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion: 96 Resp: 68159
Ion Ratio Lower Upper
96 100
61 150.4 120.3 180.5
98 63.7 51.0 76.4





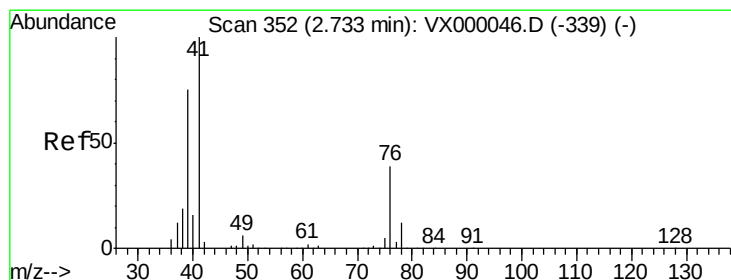
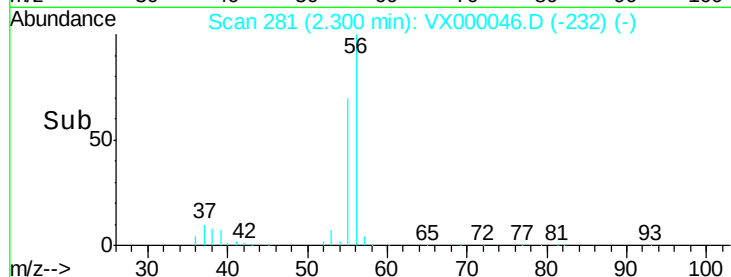
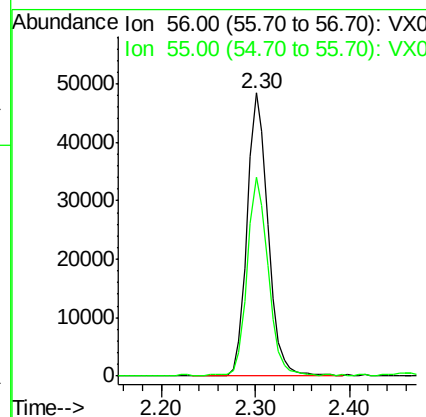
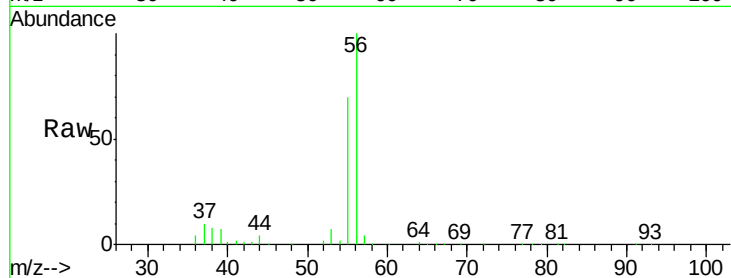
#13
Acrolein
Concen: 178.77 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDICCC050

Tgt Ion: 56 Resp: 75088
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

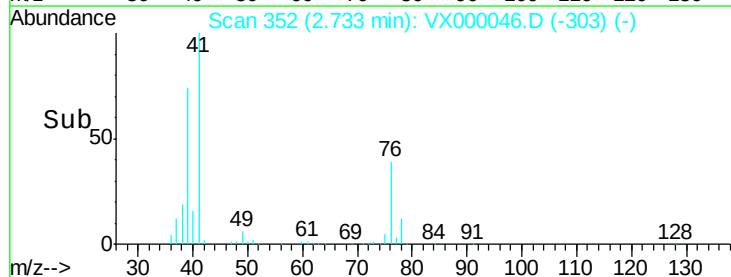
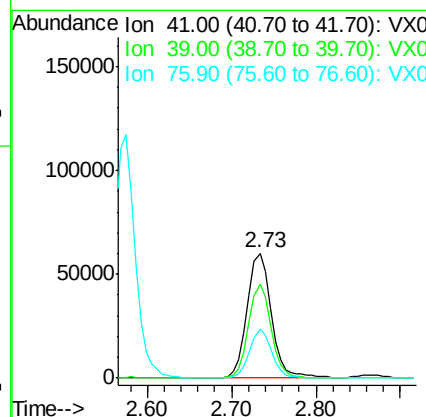
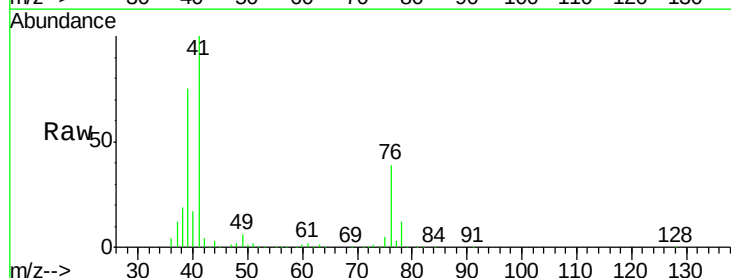
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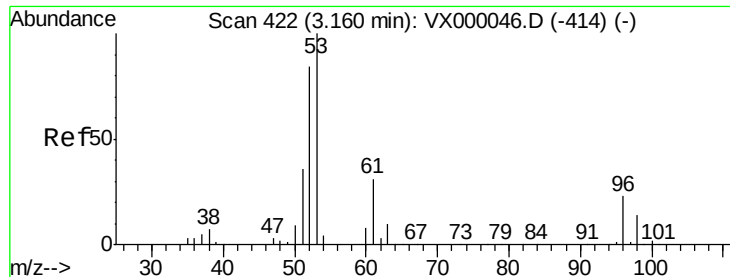
sam
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#14
Allyl chloride
Concen: 45.05 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion: 41 Resp: 115749
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 35.9 28.7 43.1





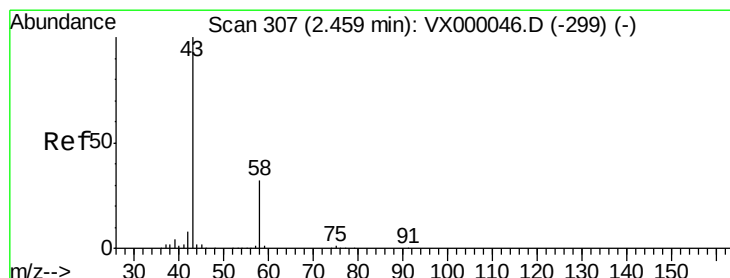
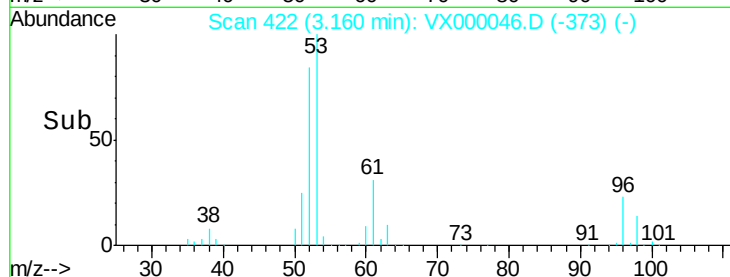
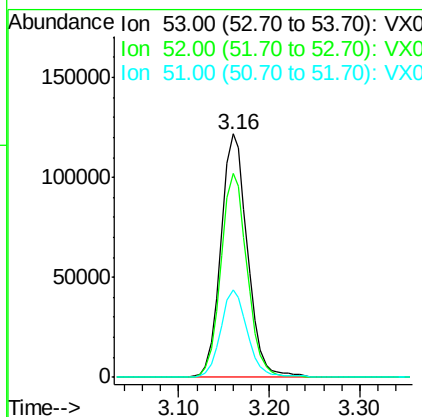
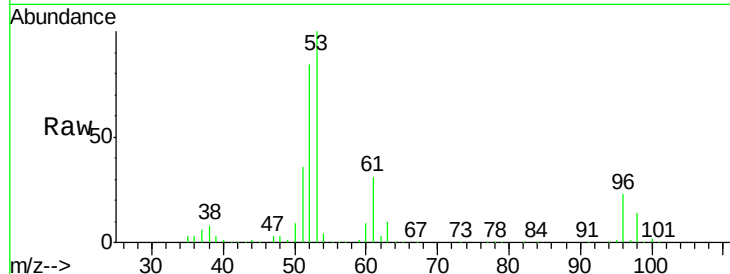
#15
 Acrylonitrile
 Concen: 221.97 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	36.4	29.1	43.7

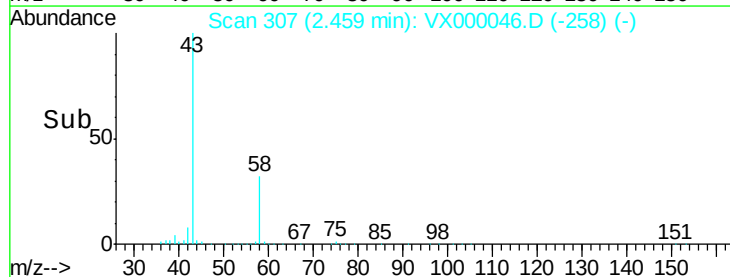
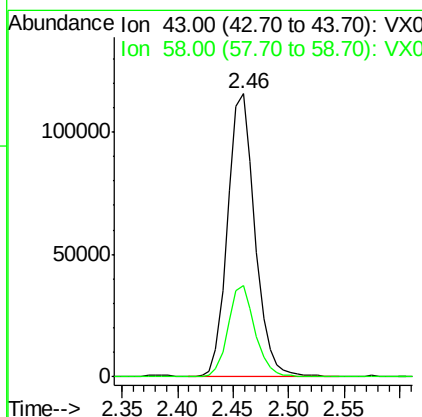
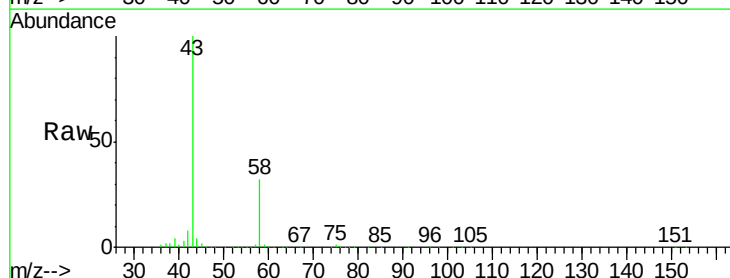
Manual Integrations
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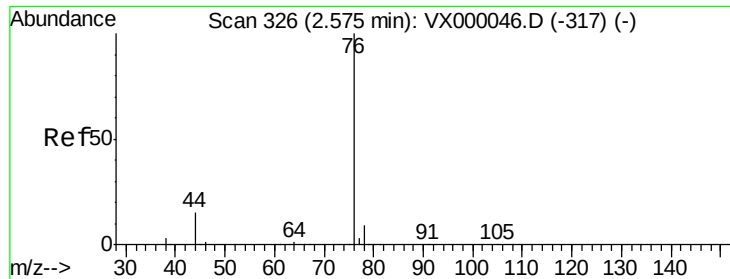
sam
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#16
 Acetone
 Concen: 151.53 ug/l
 RT: 2.46 min Scan# 307
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.9	38.9





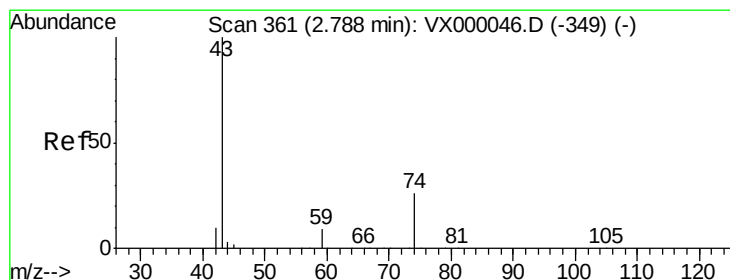
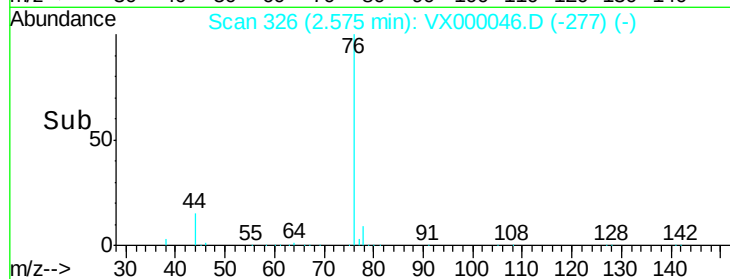
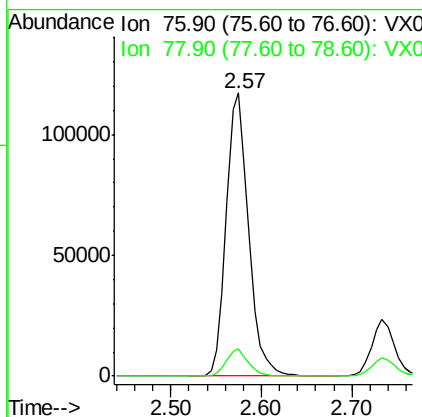
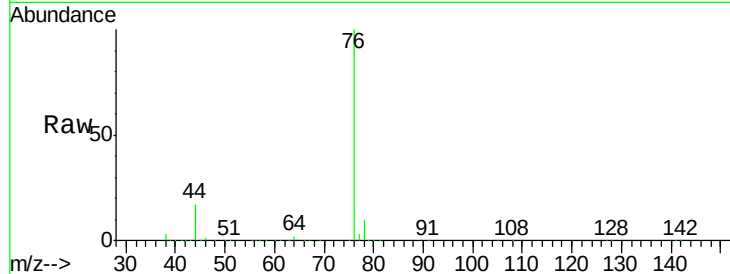
#17
Carbon Disulfide
Concen: 48.10 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 200743
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

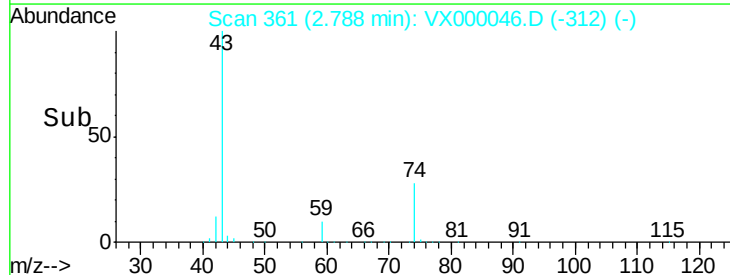
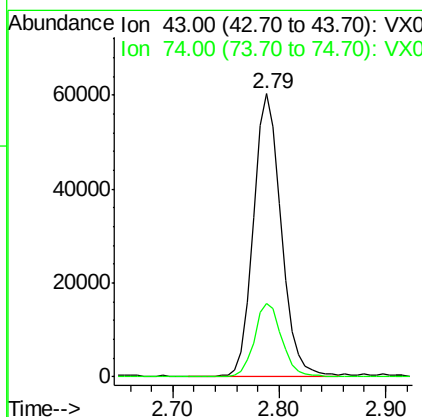
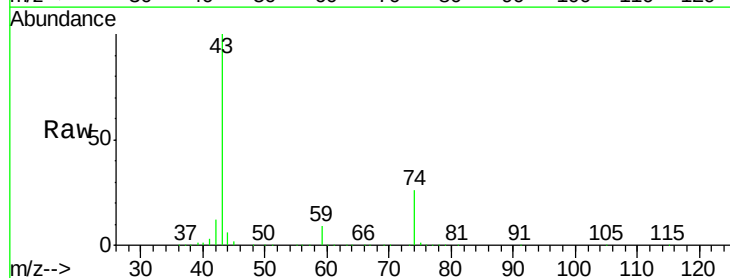
Manual Integrations
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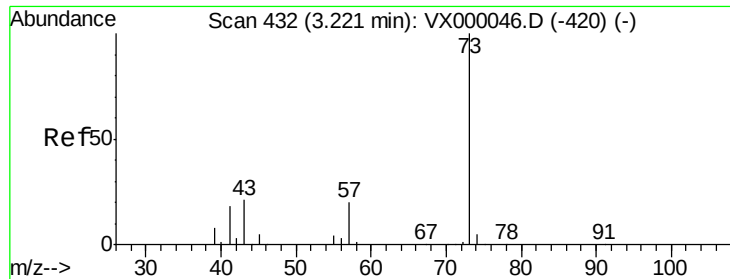
sam
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#18
Methyl Acetate
Concen: 43.75 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion: 43 Resp: 109558
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.4





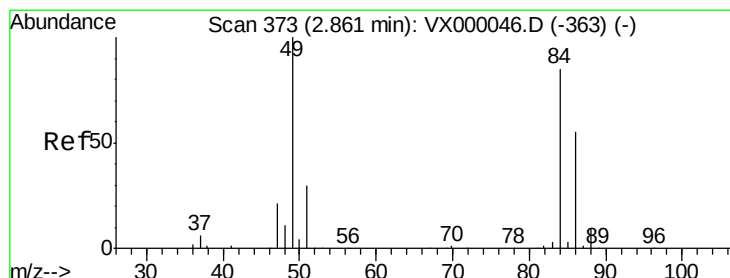
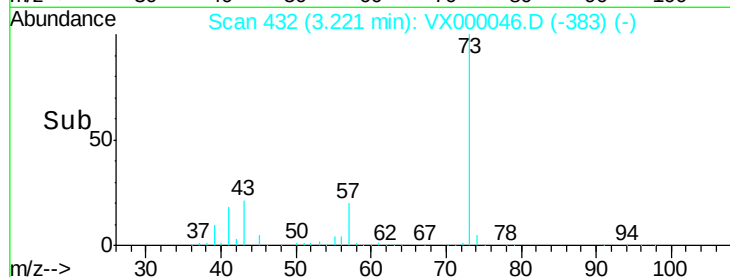
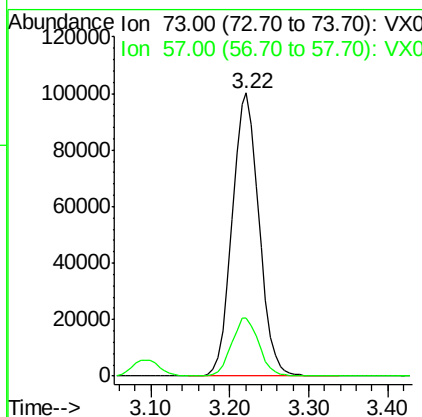
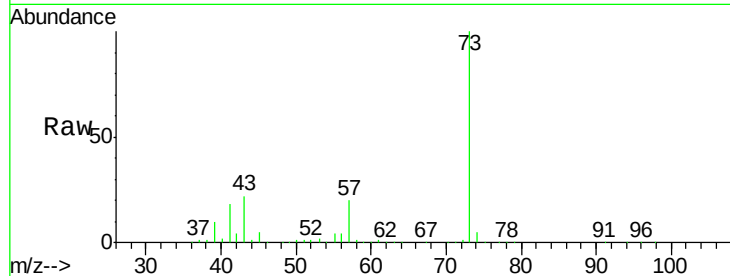
#19
Methyl tert-butyl Ether
Concen: 48.07 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDICCC050

Tgt Ion: 73 Resp: 236829
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4

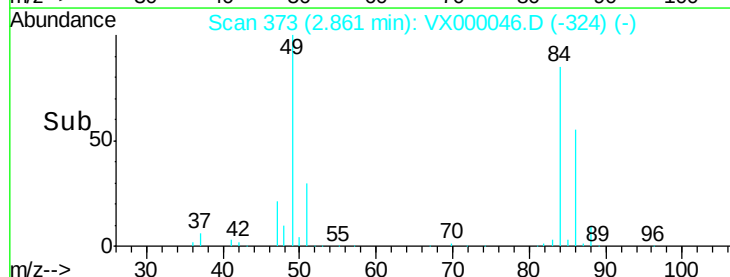
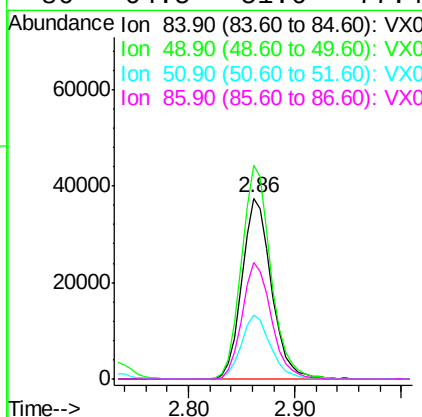
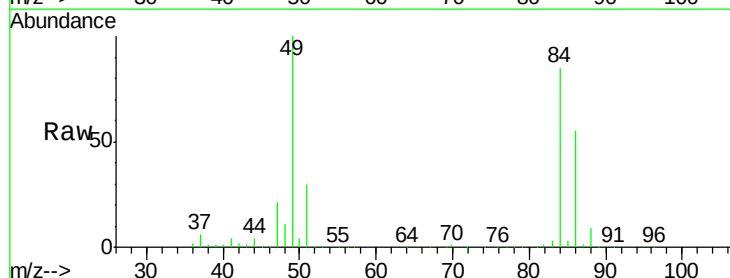
Manual Integrations
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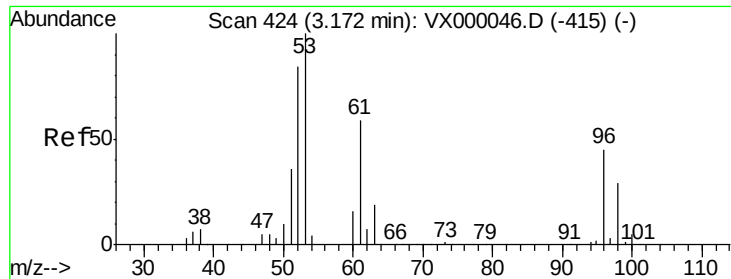
sam
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#20
Methylene Chloride
Concen: 46.91 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion: 84 Resp: 73111
Ion Ratio Lower Upper
84 100
49 118.0 94.4 141.6
51 35.4 28.3 42.5
86 64.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 46.91 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

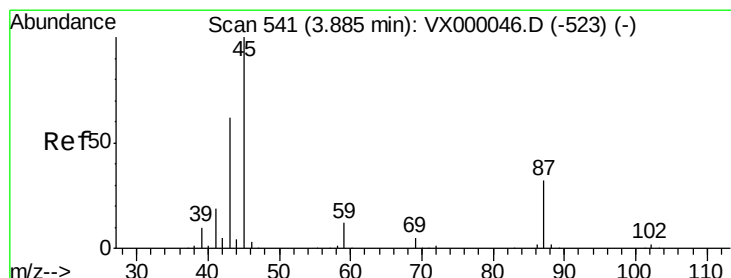
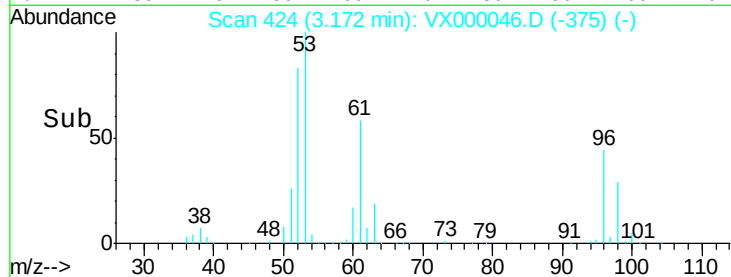
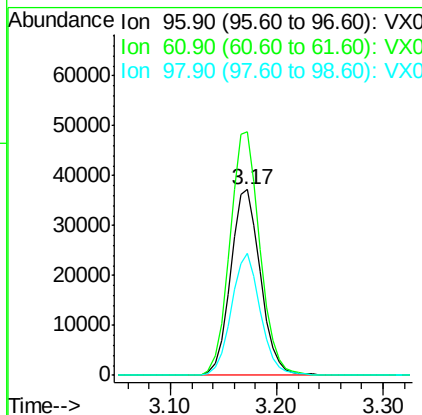
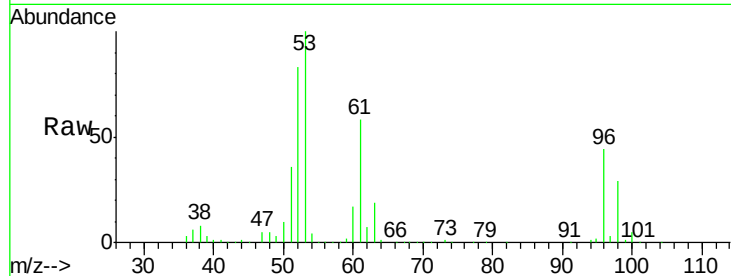
ClientSampled :

VSTDICCC050

Tgt Ion:	96	Resp:	73417
Ion Ratio	Lower	Upper	
96	100		
61	131.1	104.9	157.3
98	65.5	52.4	78.6

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 42.54 ug/l

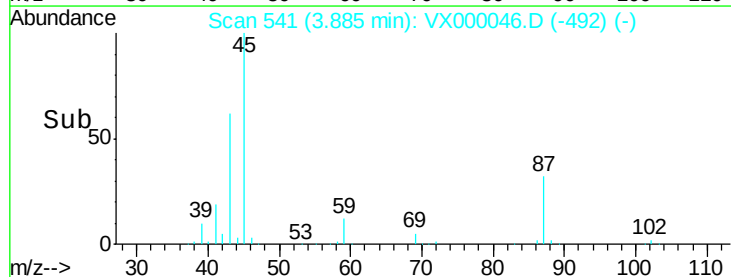
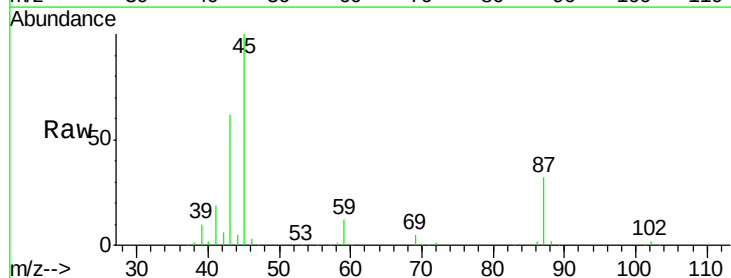
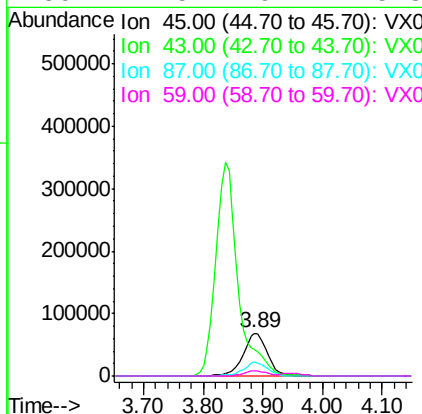
RT: 3.89 min Scan# 541

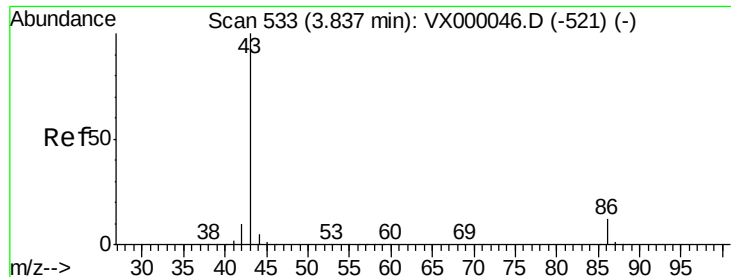
Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Tgt Ion:	45	Resp:	192345
Ion Ratio	Lower	Upper	
45	100		
43	62.0	49.6	74.4
87	32.4	25.9	38.9
59	11.5	9.2	13.8





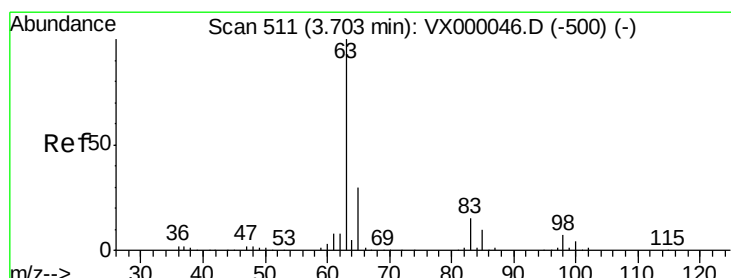
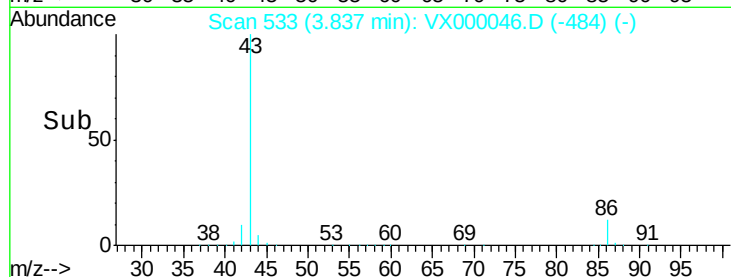
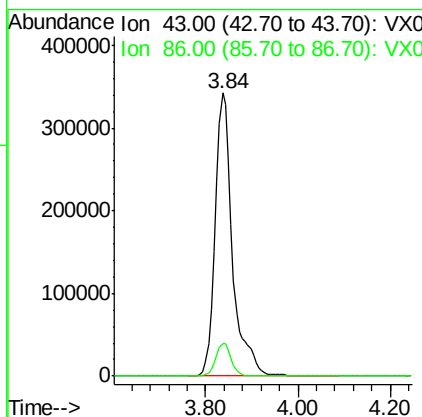
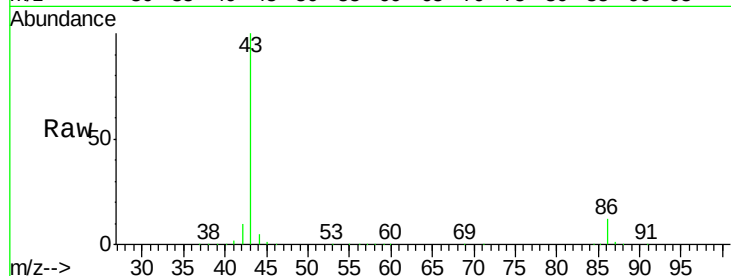
#23
 Vinyl Acetate
 Concen: 228.16 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion: 43 Resp: 891049
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.3 13.9

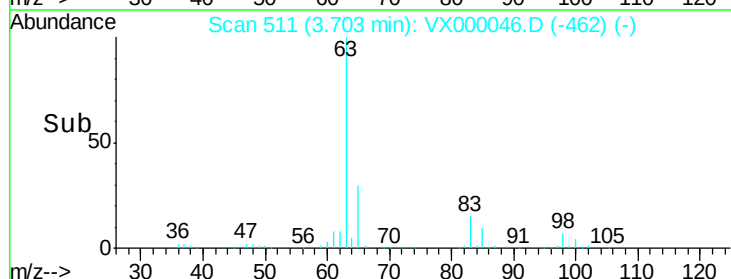
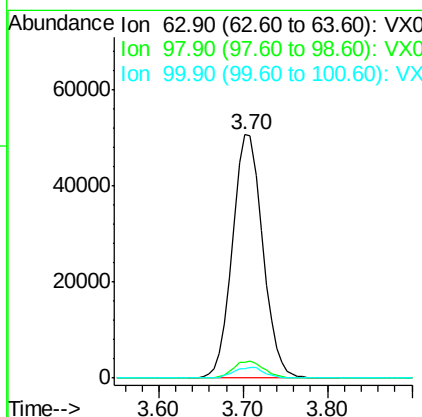
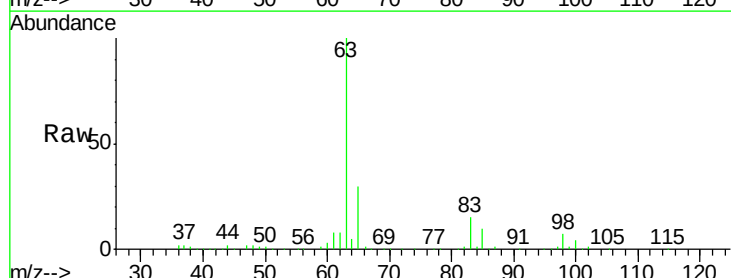
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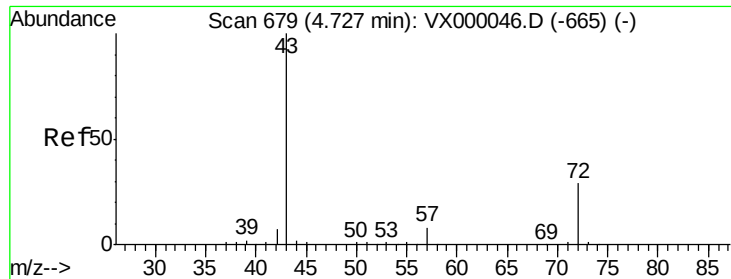
sam
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#24
 1,1-Dichloroethane
 Concen: 46.18 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion: 63 Resp: 122941
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 195.67 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDICCC050

Tgt Ion: 43 Resp: 311926

Ion Ratio Lower Upper

43 100

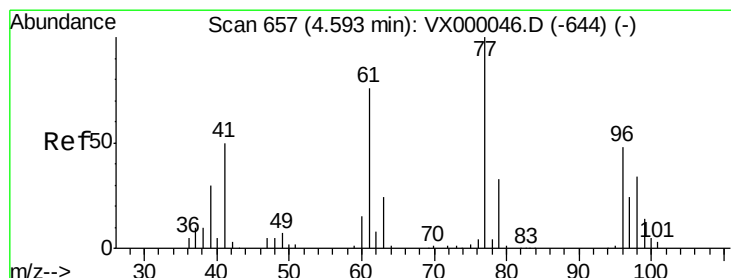
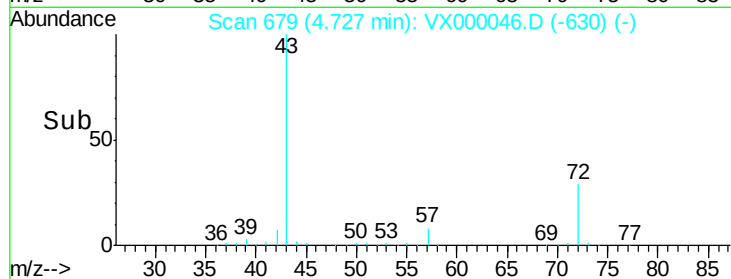
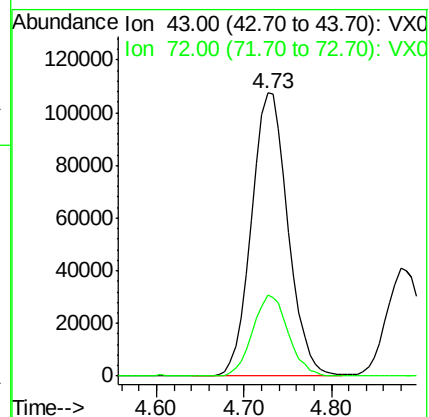
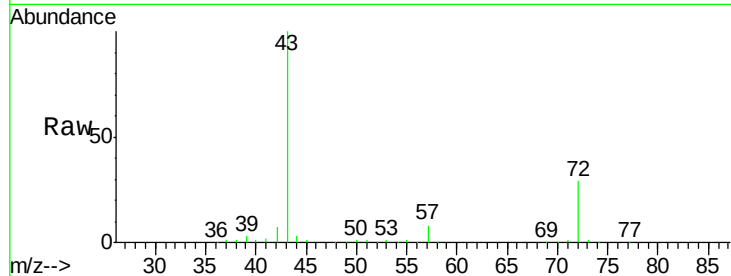
72 28.8 23.0 34.6

Manual Integrations

APPROVED

sam

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#26

2,2-Dichloropropane

Concen: 46.59 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000046.D

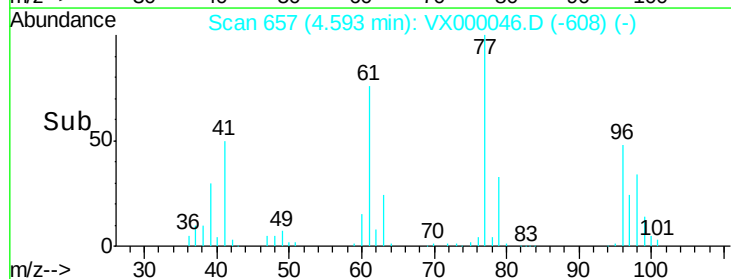
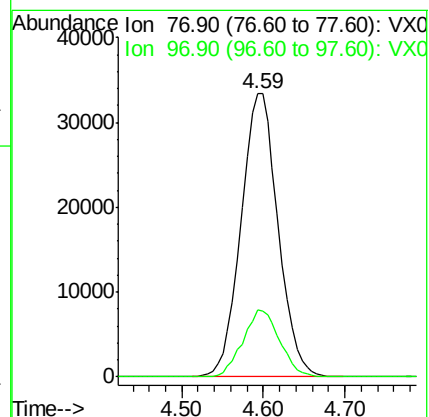
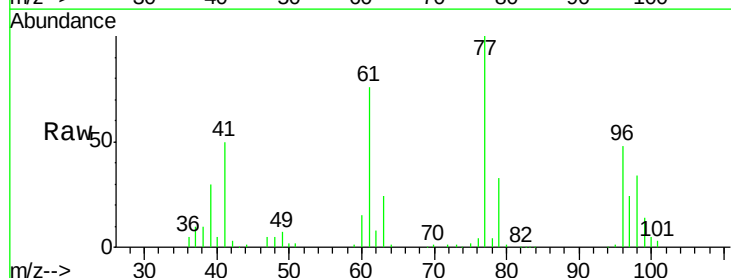
Acq: 09 Feb 2018 16:31

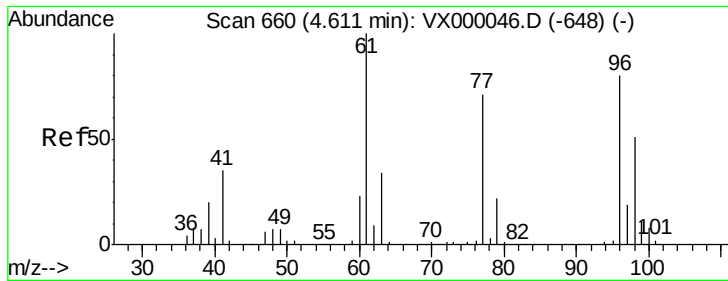
Tgt Ion: 77 Resp: 105223

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

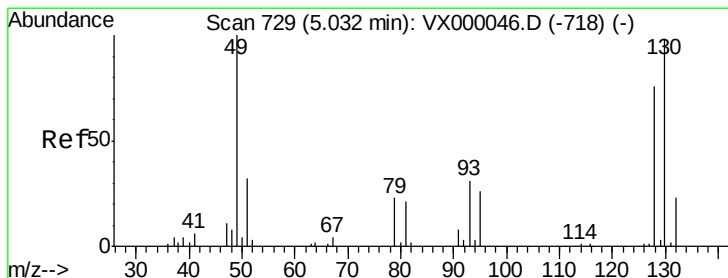
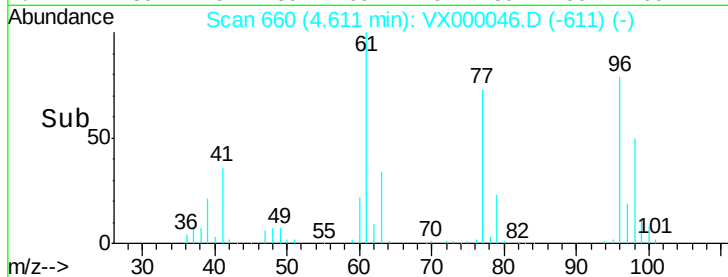
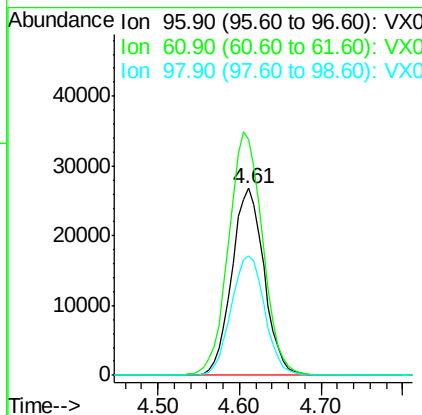
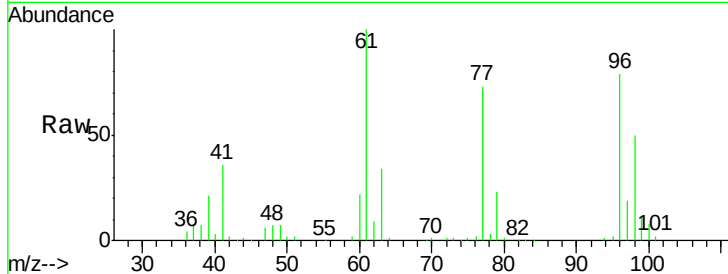
cis-1,2-Dichloroethene
Concen: 48.06 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	274.4
98	66.2	0.0	132.4

Manual Integrations
APPROVED

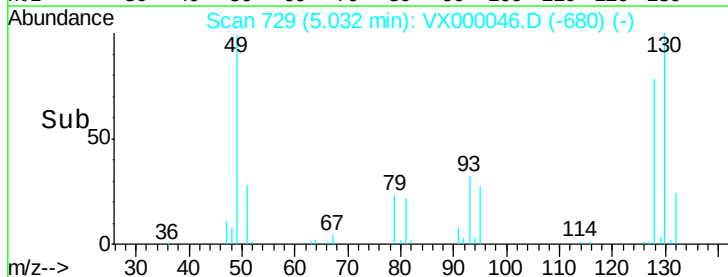
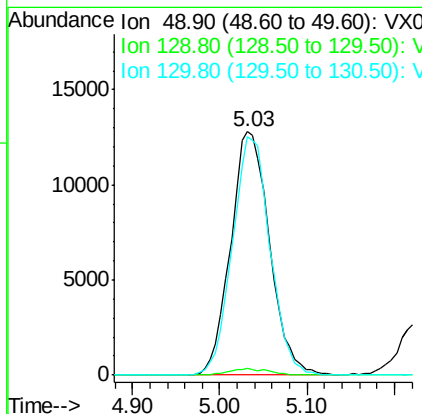
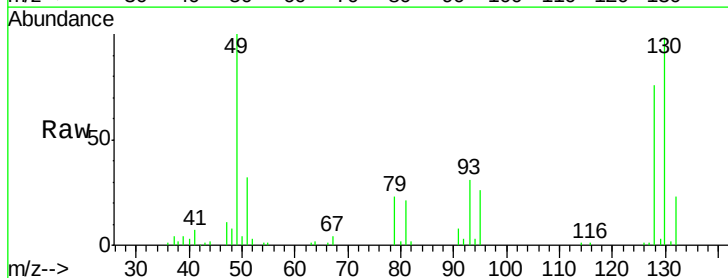
sam
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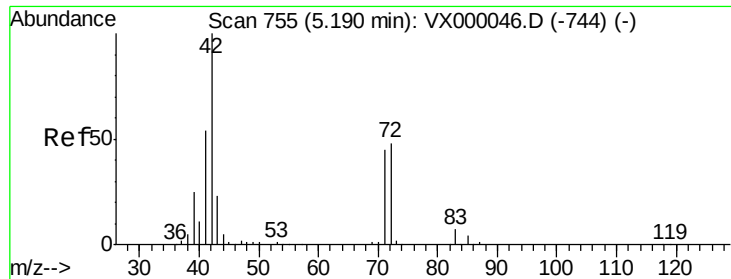


#28

Bromochloromethane
Concen: 44.87 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	94.5	75.6	113.4





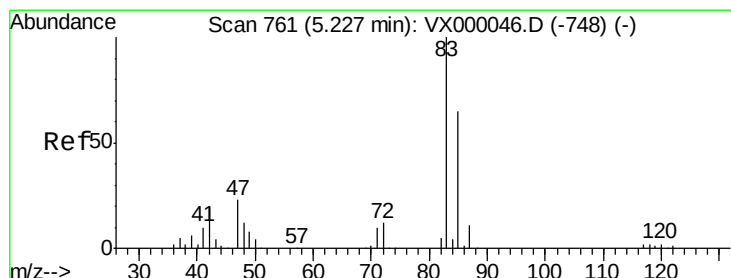
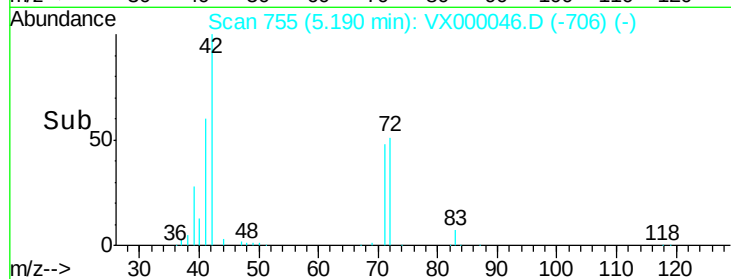
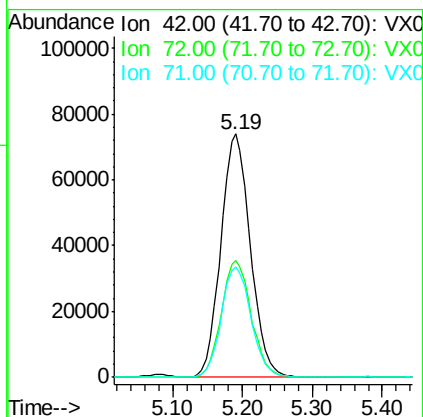
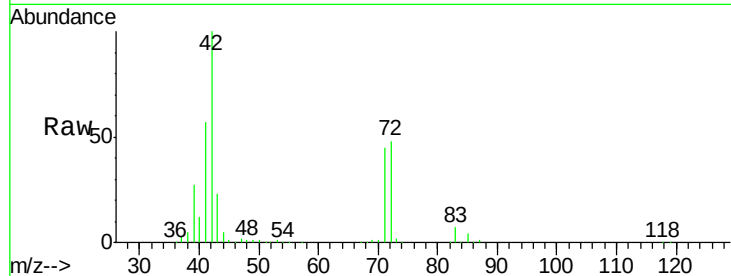
#29
Tetrahydrofuran
Concen: 218.32 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.0	58.6
71	45.9	36.7	55.1

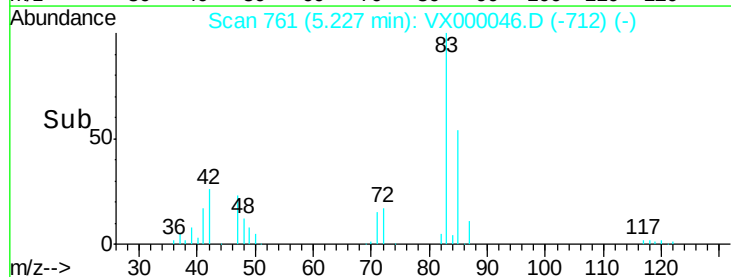
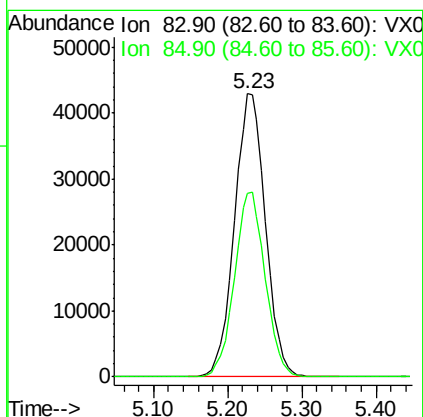
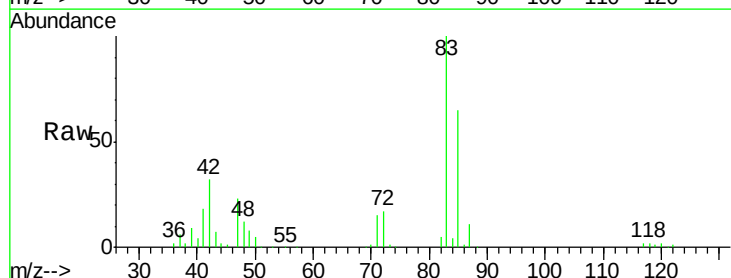
Manual Integrations
APPROVED

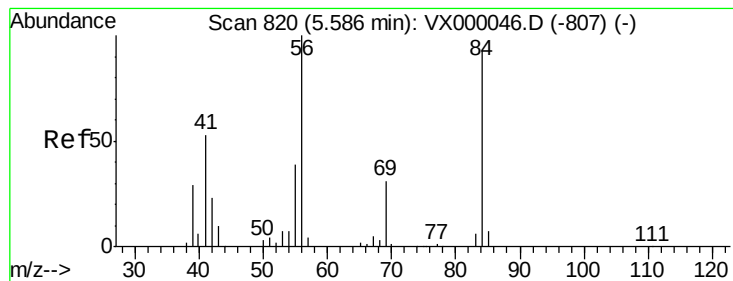
sam
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#30
Chloroform
Concen: 48.94 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





#31

Cyclohexane

Concen: 47.92 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

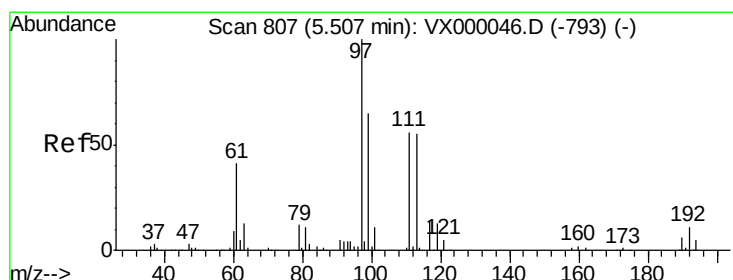
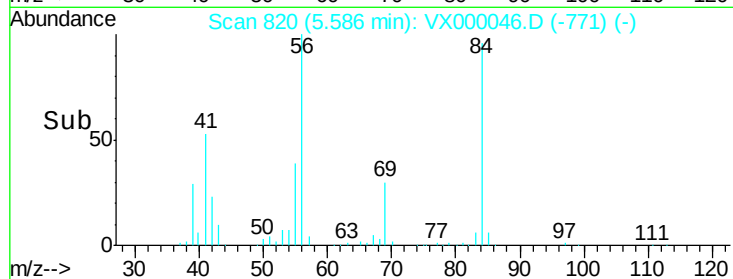
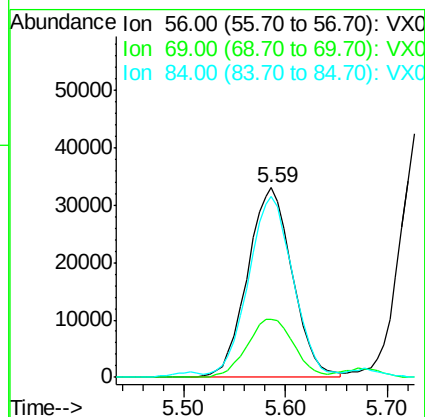
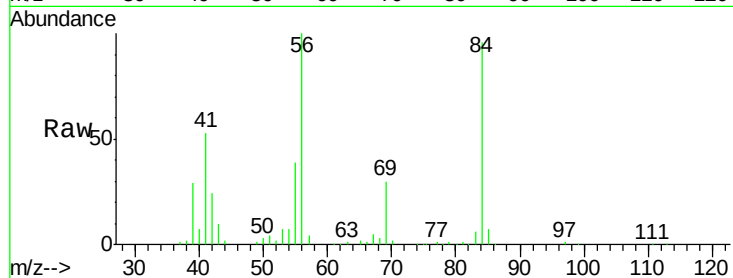
ClientSampleId :

VSTDICCC050

Tgt Ion:	56	Resp:	100355
Ion Ratio		Lower	Upper
56	100		
69	30.6	24.5	36.7
84	93.5	74.8	112.2

Manual Integrations
APPROVED

sam
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#32

1,1,1-Trichloroethane

Concen: 47.97 ug/l

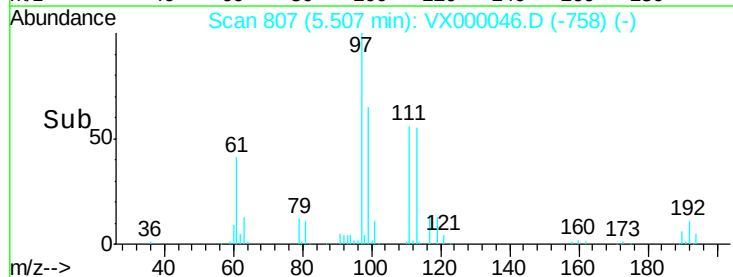
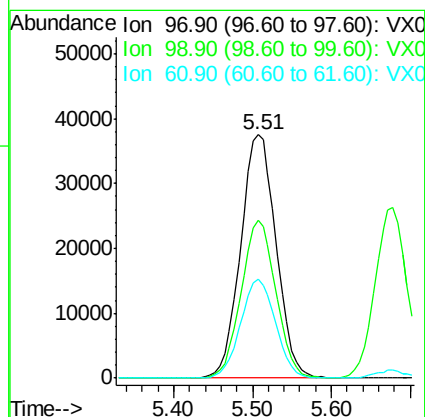
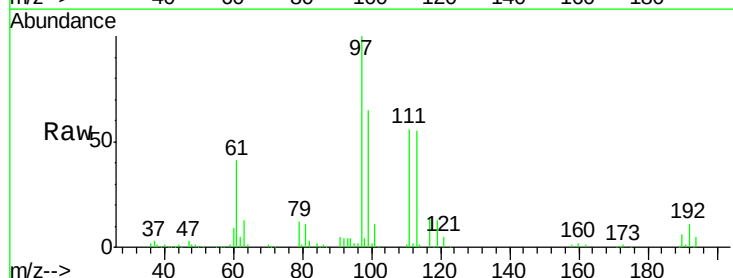
RT: 5.51 min Scan# 807

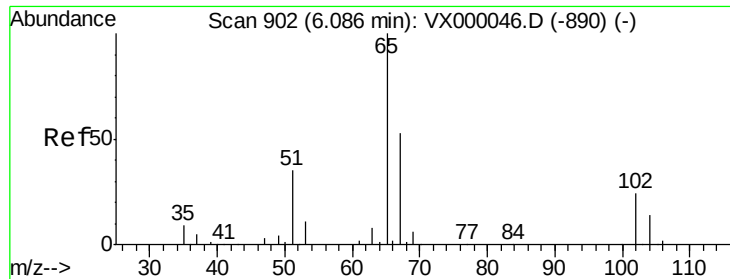
Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Tgt Ion:	97	Resp:	117401
Ion Ratio		Lower	Upper
97	100		
99	63.5	50.8	76.2
61	40.1	32.1	48.1





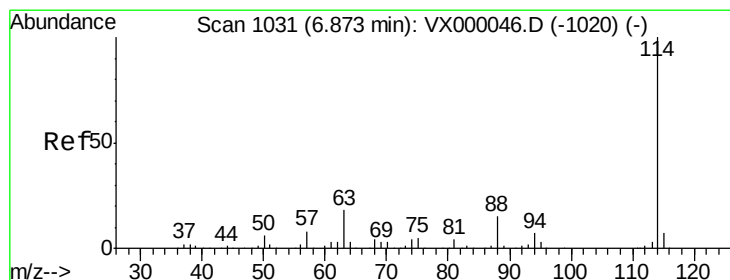
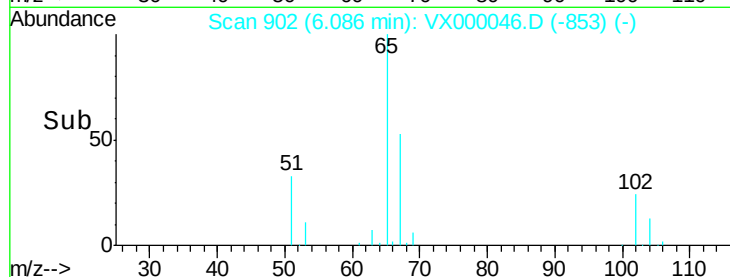
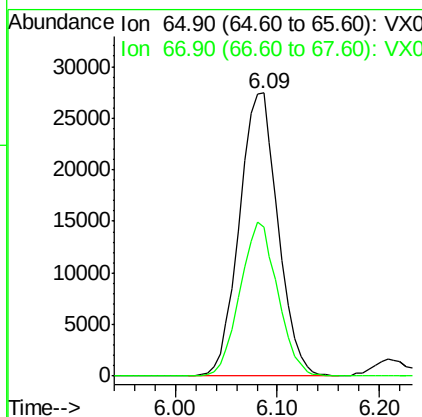
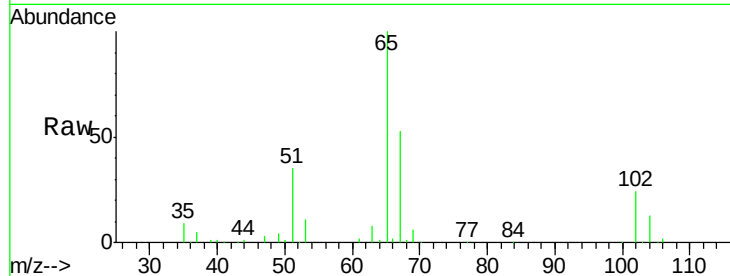
#33
 1,2-Dichloroethane-d4
 Concen: 45.53 ug/l
 RT: 6.09 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion: 65 Resp: 72271
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.0

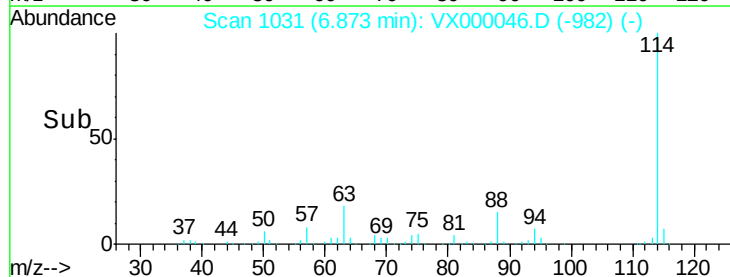
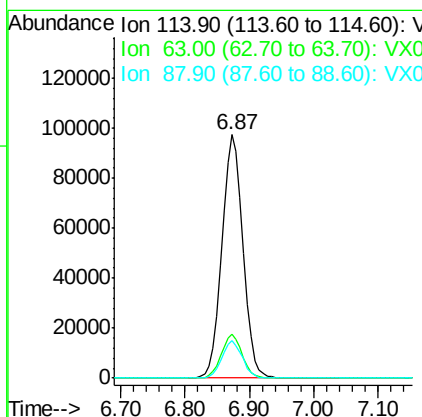
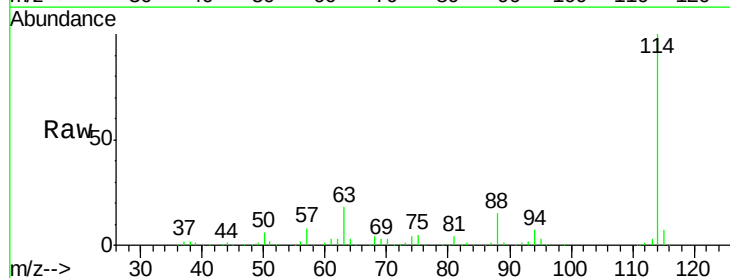
Manual Integrations
 APPROVED

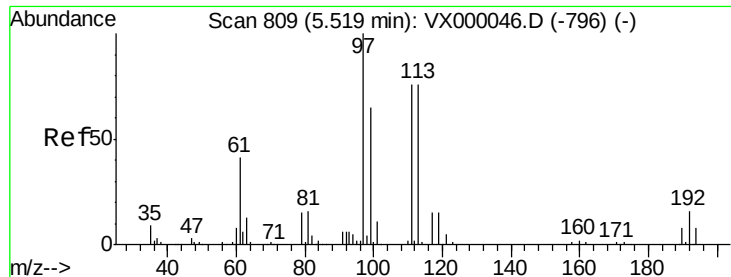
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion: 114 Resp: 225389
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.0
 88 15.2 0.0 30.4





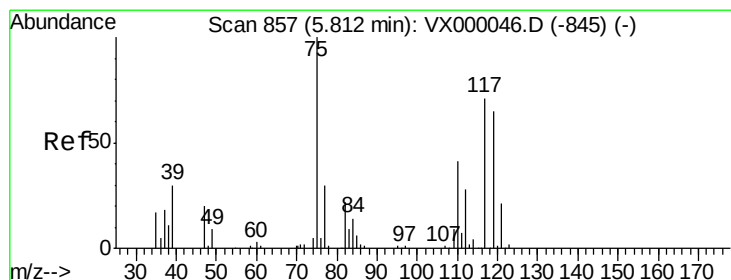
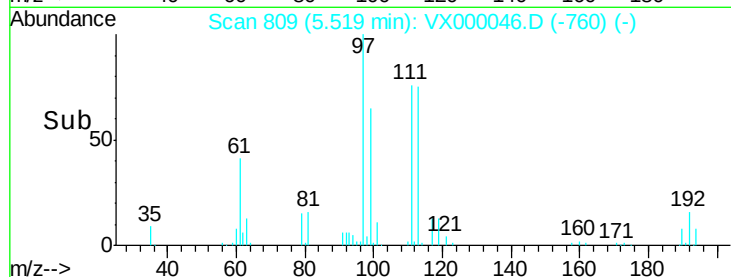
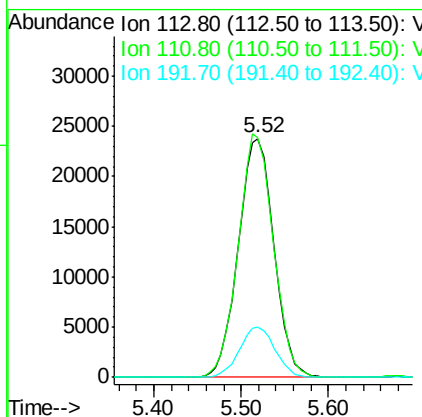
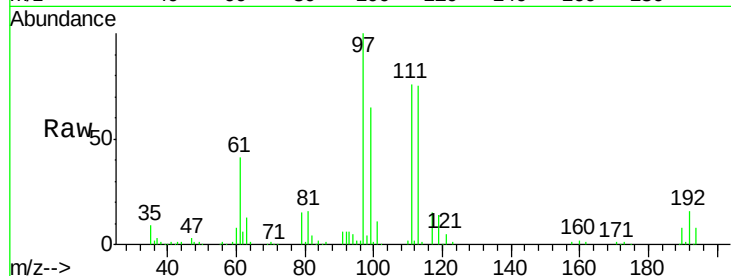
#35
 Dibromofluoromethane
 Concen: 51.63 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampleId :
 VSTDICCC050

Tgt Ion:113 Resp: 67402
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.5 120.7
 192 21.1 16.9 25.3

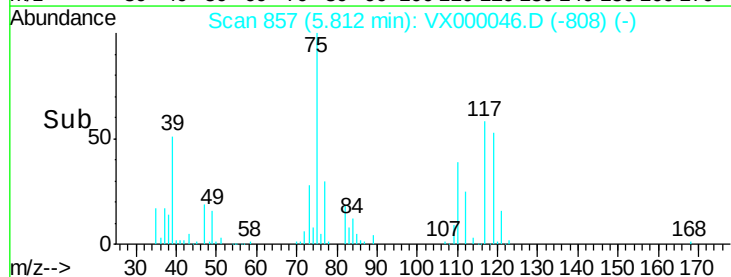
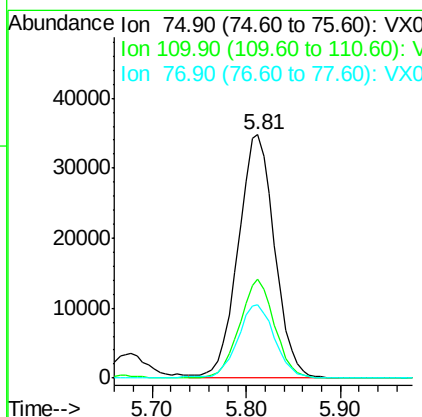
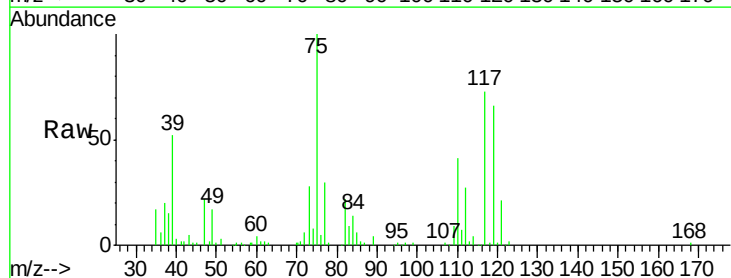
Manual Integrations
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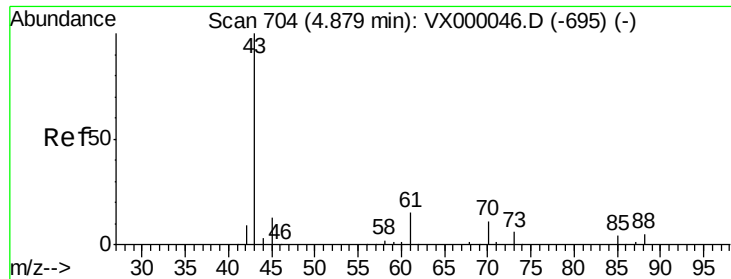
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#36
 1,1-Dichloropropene
 Concen: 50.85 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion: 75 Resp: 94303
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.4 58.4
 77 30.3 24.2 36.4





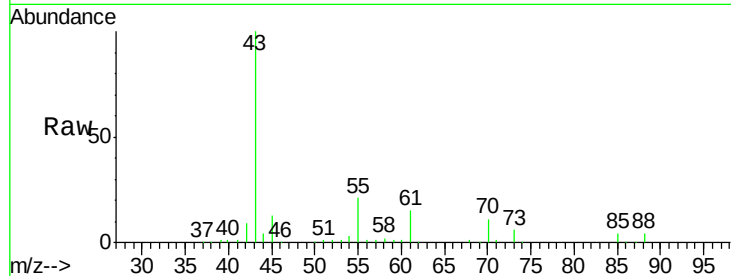
#37
Ethyl Acetate
Concen: 46.19 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

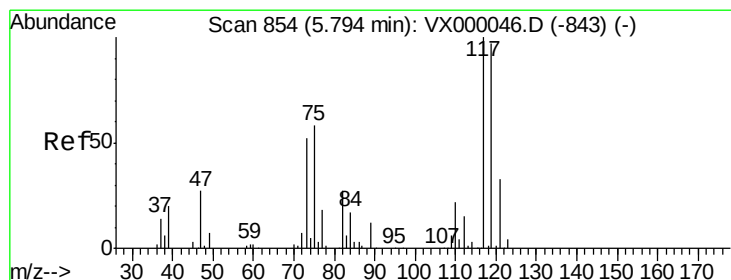
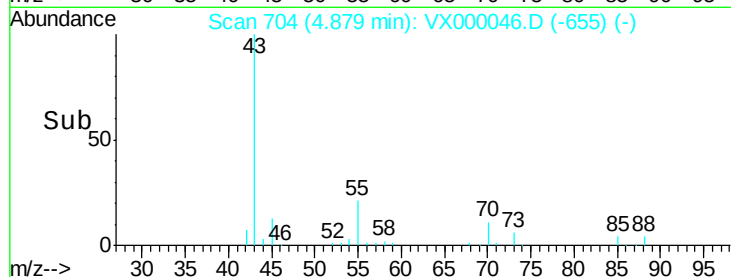
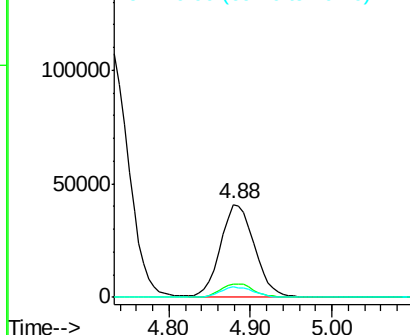
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.2
70	11.3	9.0	13.6

Manual Integrations
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sam
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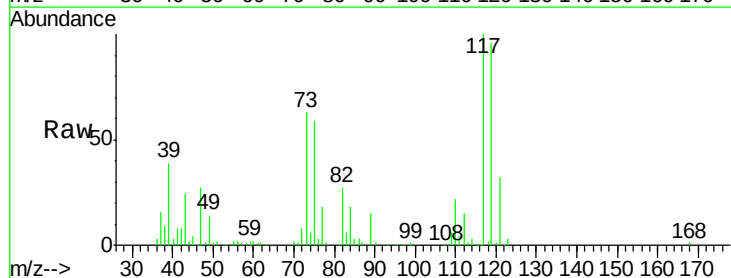


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

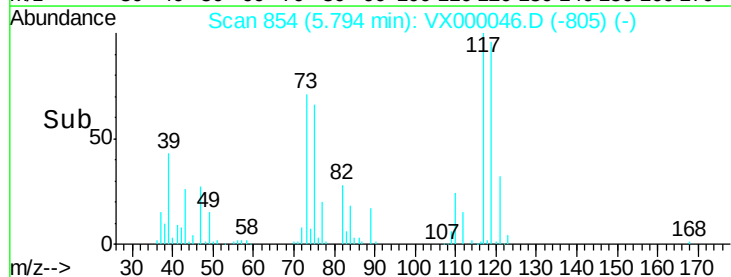
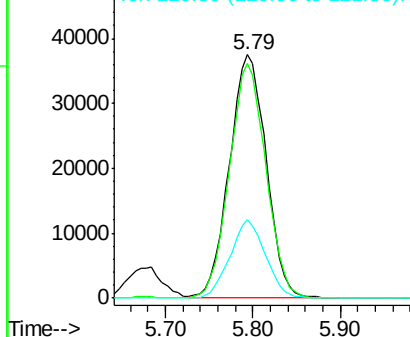


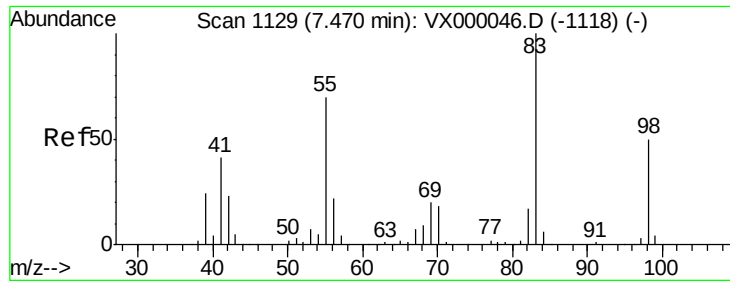
#38
Carbon Tetrachloride
Concen: 56.15 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	32.3	25.8	38.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





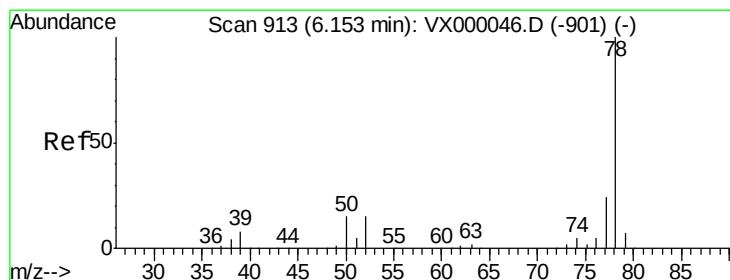
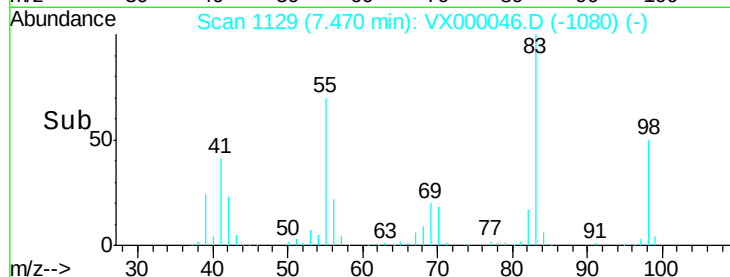
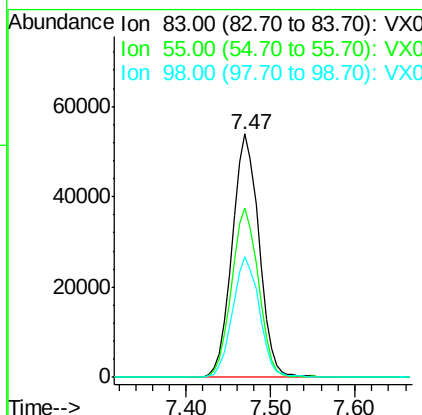
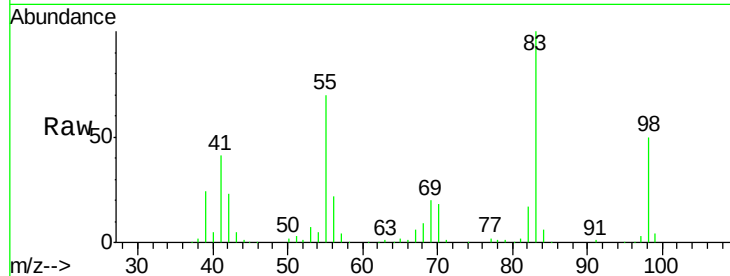
#39
Methylcyclohexane
Concen: 49.19 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	116168		
55	69.6	55.7	83.5	
98	49.6	39.7	59.5	

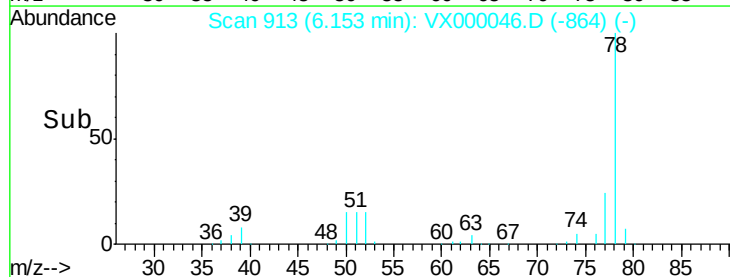
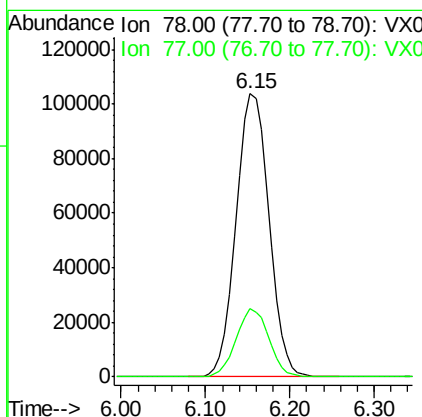
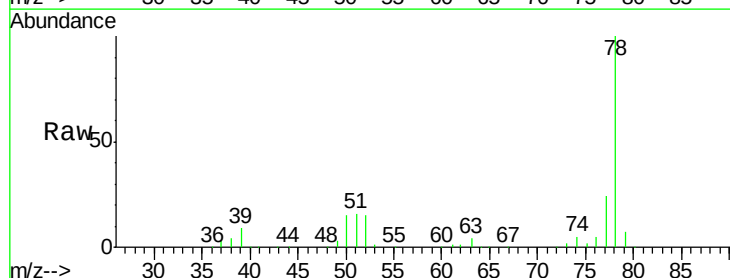
Manual Integrations
APPROVED

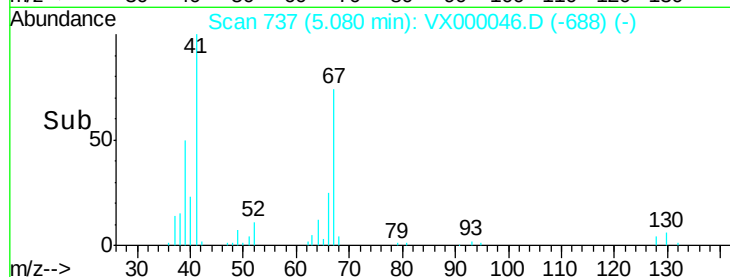
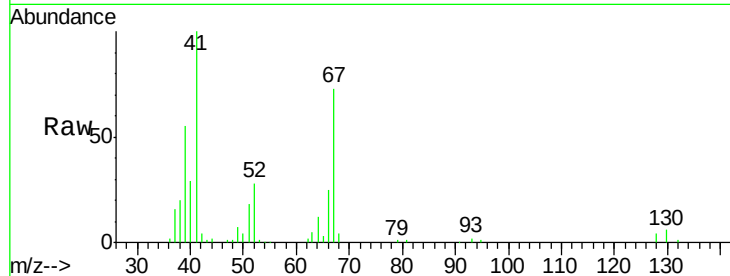
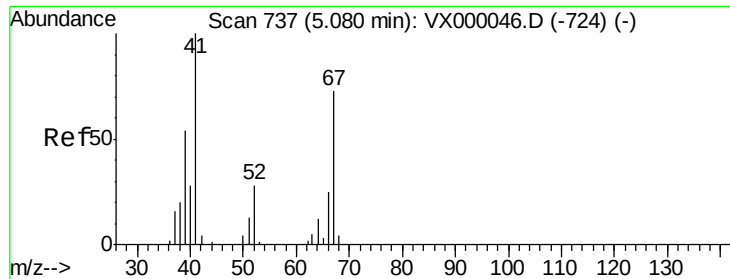
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#40
Benzene
Concen: 50.51 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

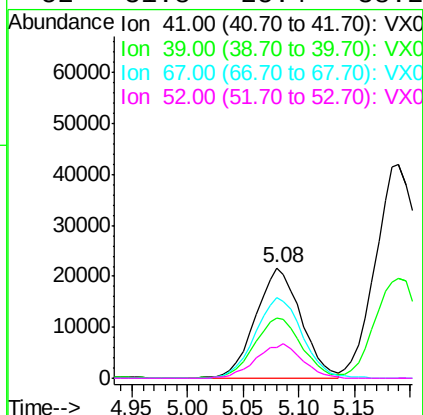
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	274710		
77	24.3	19.4	29.2	





#41
Methacrylonitrile
Concen: 45.86 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

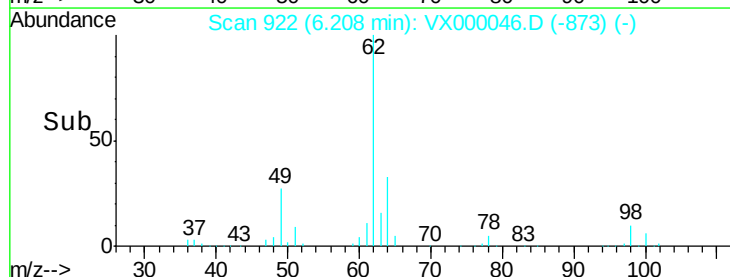
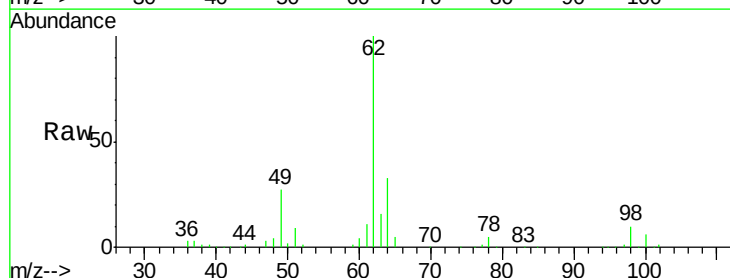
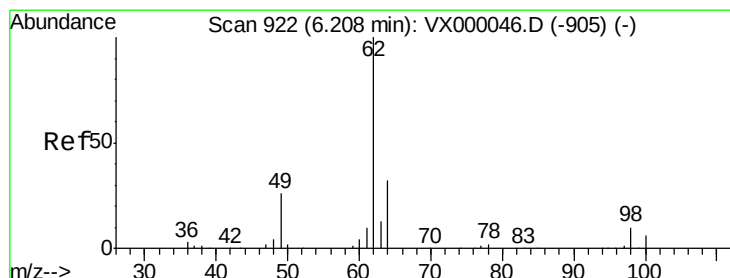
Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.8
67	75.8	60.6	91.0
52	31.8	25.4	38.2



Instrument :
ClientSampleId :
VSTDICCC050

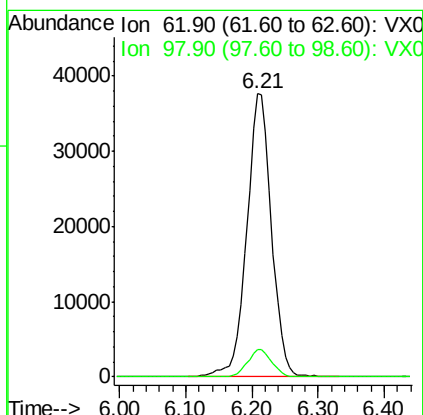
Manual Integrations
APPROVED

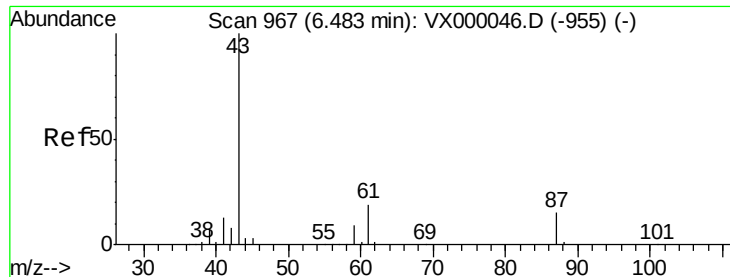
sam
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#42
1,2-Dichloroethane
Concen: 50.38 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





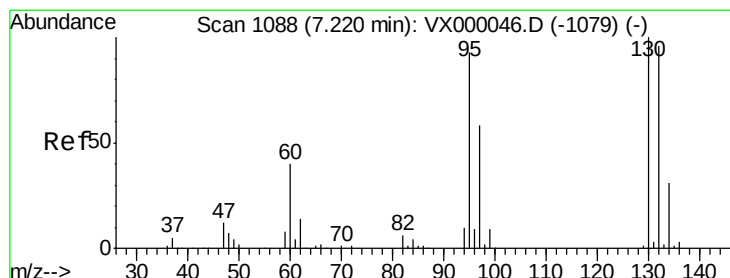
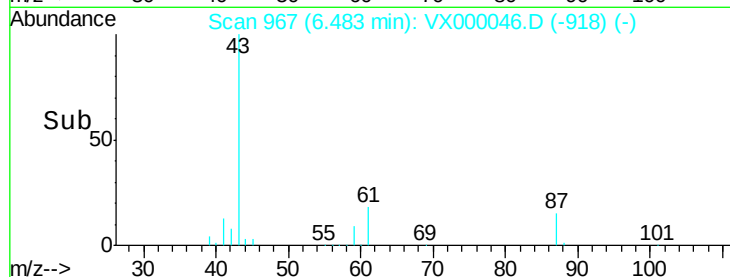
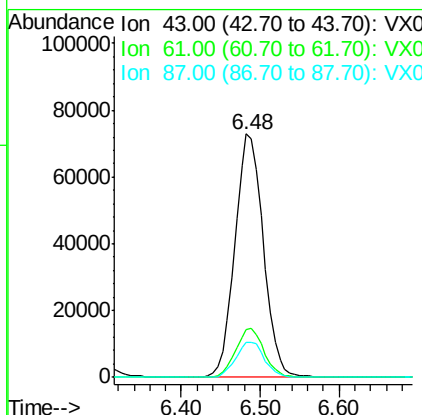
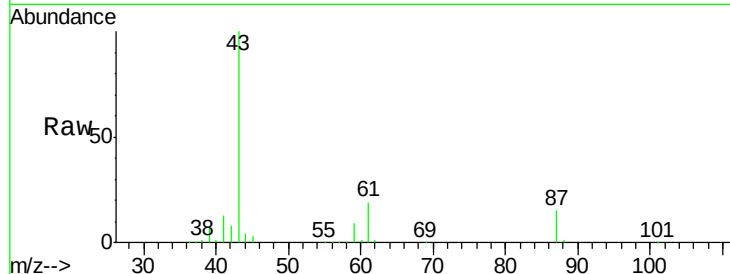
#43
Isopropyl Acetate
Concen: 48.45 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.9	23.9
87	14.7	11.8	17.6

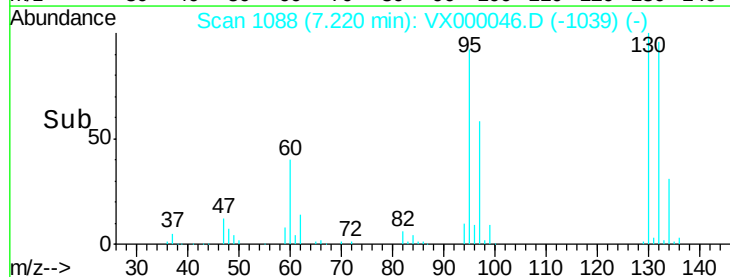
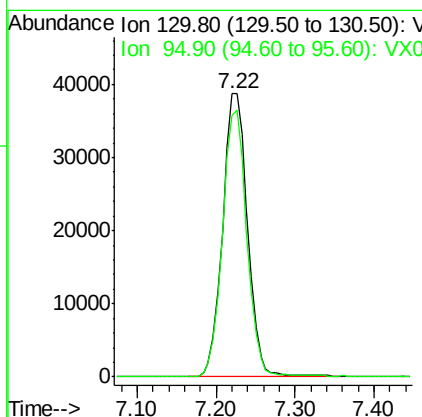
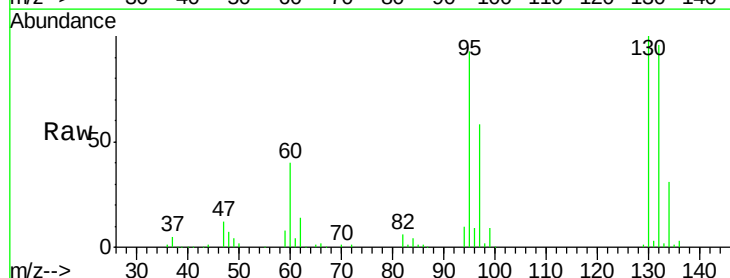
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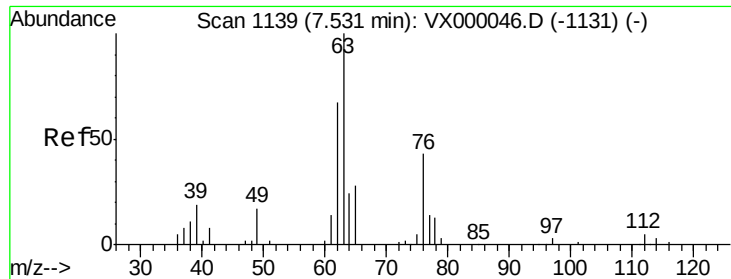
sam
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#44
Trichloroethene
Concen: 49.76 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	185.2





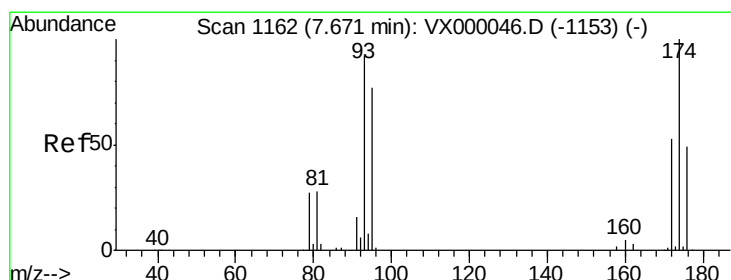
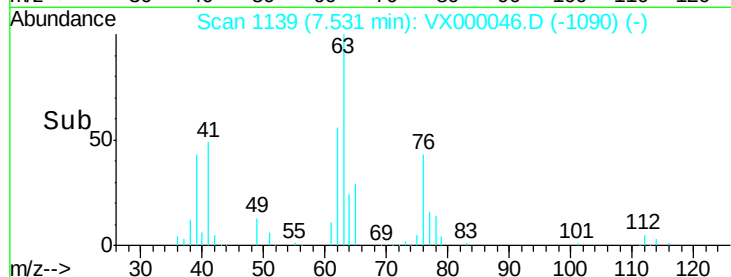
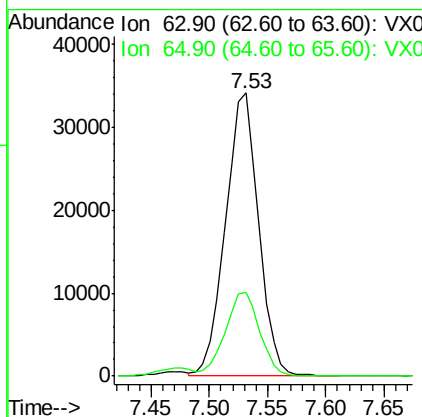
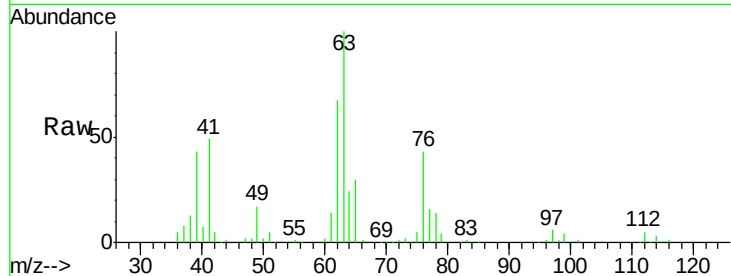
#45
 1,2-Dichloropropane
 Concen: 49.75 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion: 63 Resp: 67414
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.7 35.5

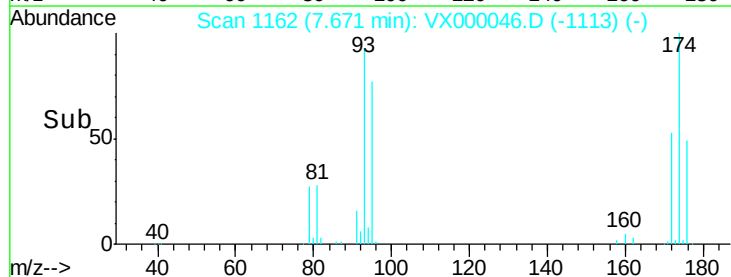
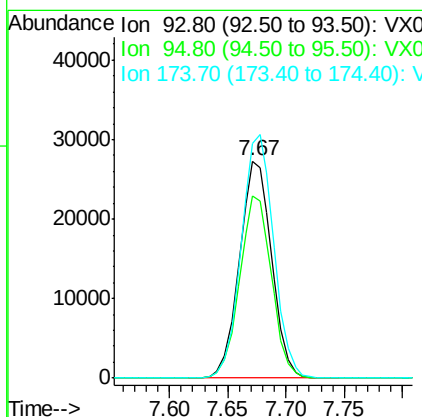
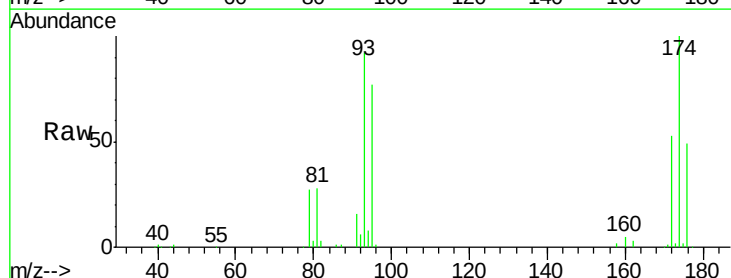
Manual Integrations
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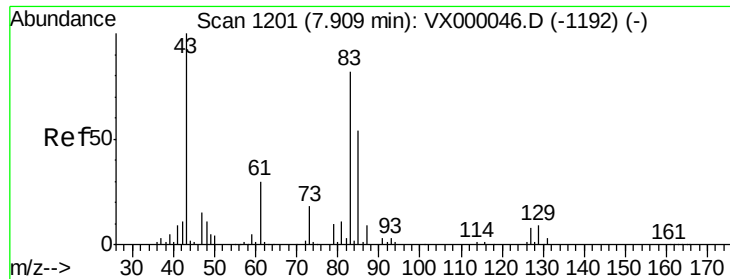
sam
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#46
 Dibromomethane
 Concen: 49.78 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion: 93 Resp: 52519
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.3 99.5
 174 113.0 90.4 135.6





#47

Bromodichloromethane

Concen: 51.40 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000046.D

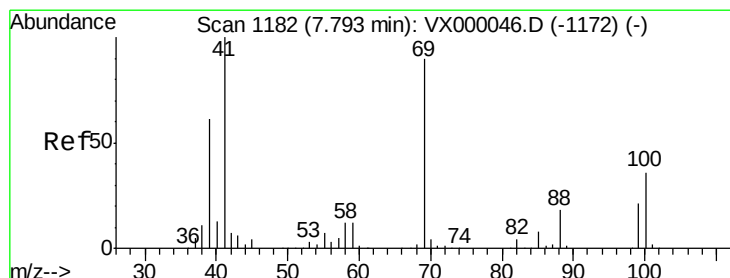
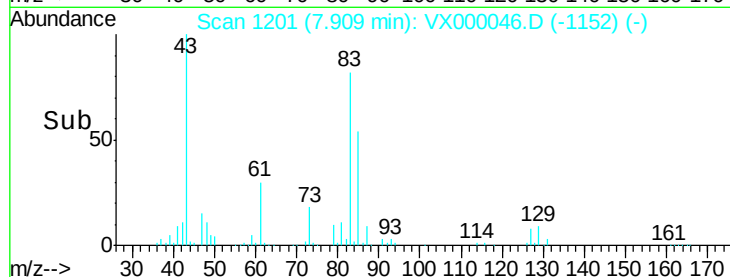
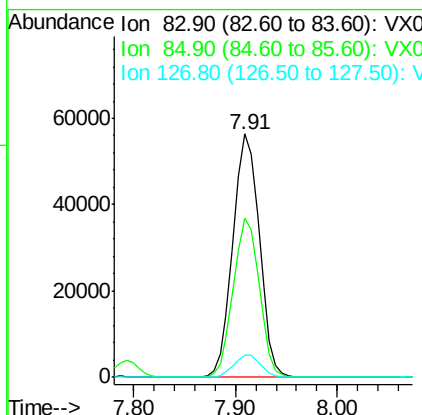
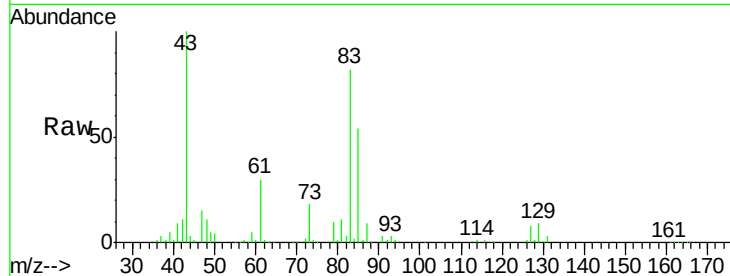
Acq: 09 Feb 2018 16:31

Tgt Ion:	83	Resp:	101333
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.3	78.5
127	9.2	7.4	11.0

Instrument :
ClientSampled :
VSTDICCC050

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.24 ug/l

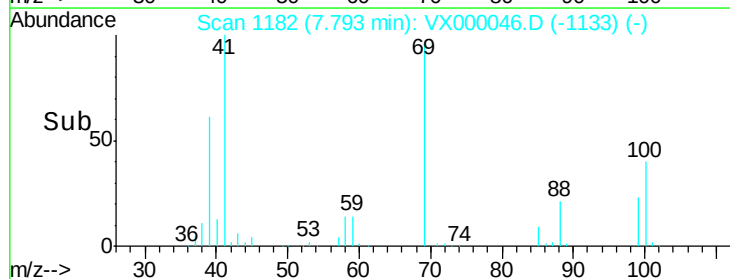
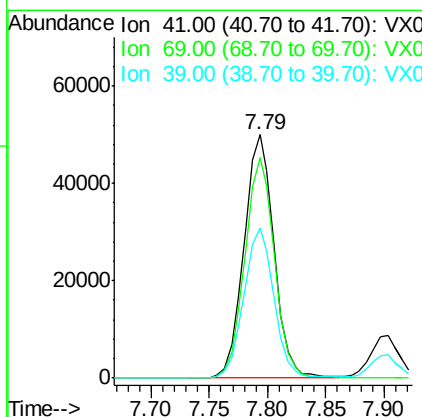
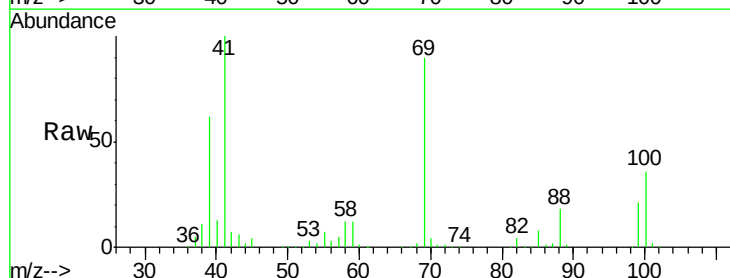
RT: 7.79 min Scan# 1182

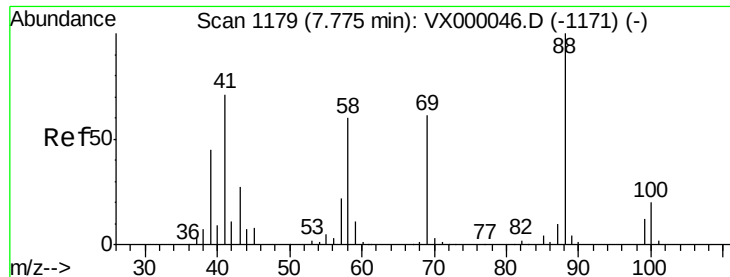
Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Tgt Ion:	41	Resp:	89835
Ion Ratio	Lower	Upper	
41	100		
69	90.1	72.1	108.1
39	62.0	49.6	74.4





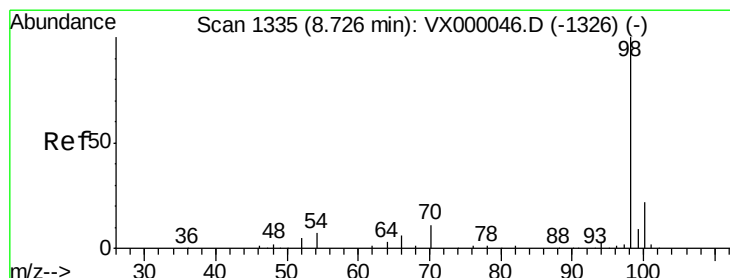
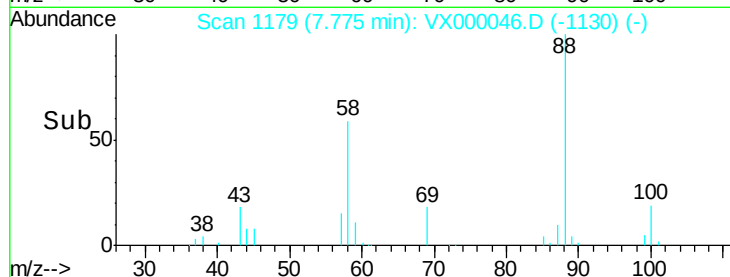
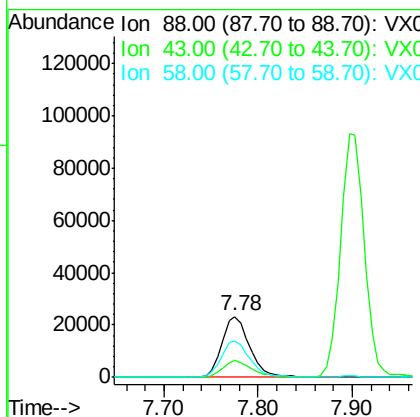
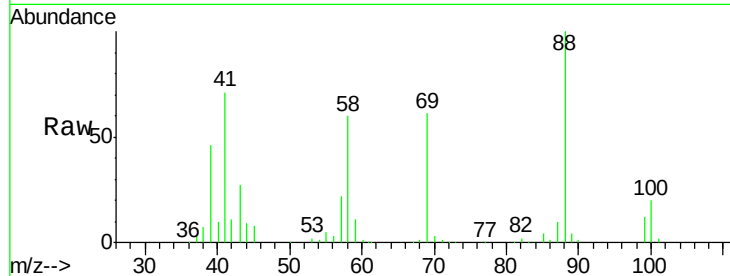
#49
 1,4-Dioxane
 Concen: 892.75 ug/l
 RT: 7.78 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 47772
 Ion Ratio Lower Upper
 88 100
 43 28.2 22.6 33.8
 58 61.8 49.4 74.2

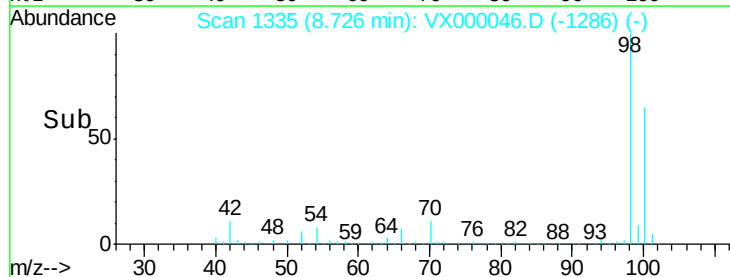
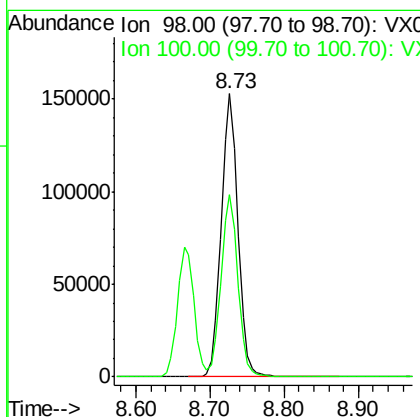
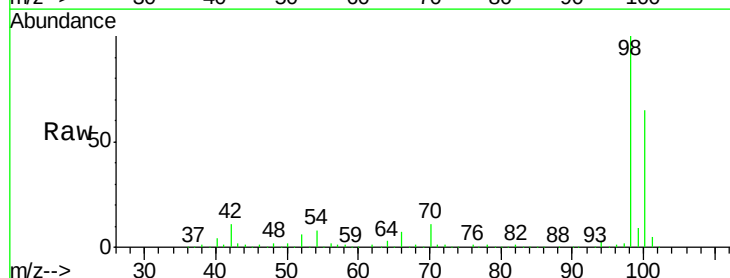
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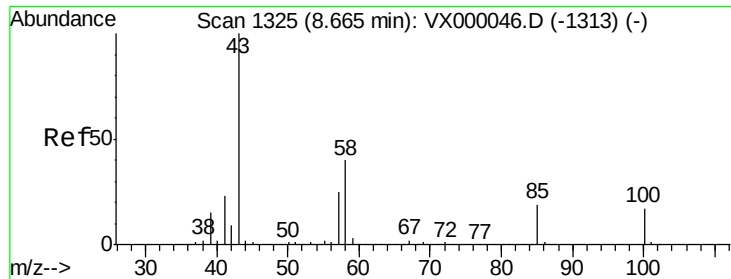
sam
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#50
 Toluene-d8
 Concen: 48.66 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion: 98 Resp: 238646
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 242.75 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDICCC050

Tgt Ion: 43 Resp: 654361

Ion Ratio Lower Upper

43 100

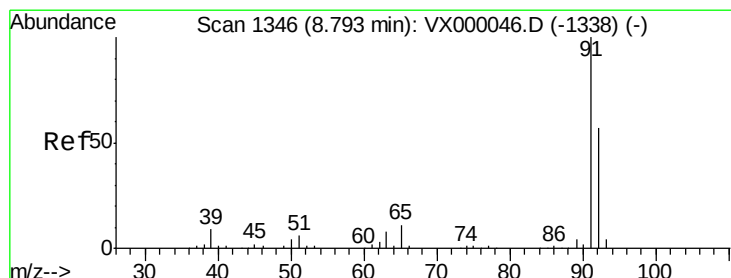
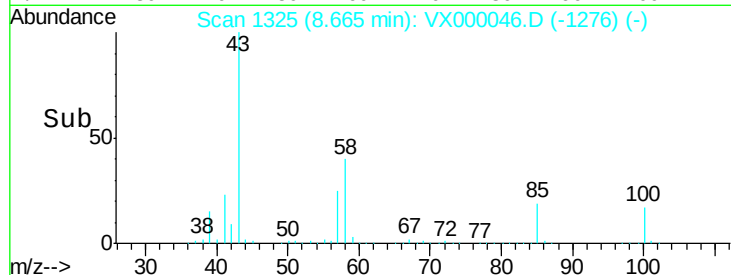
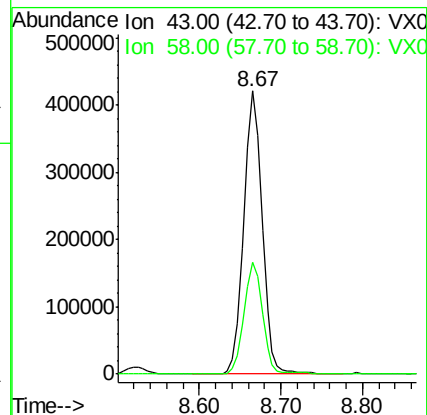
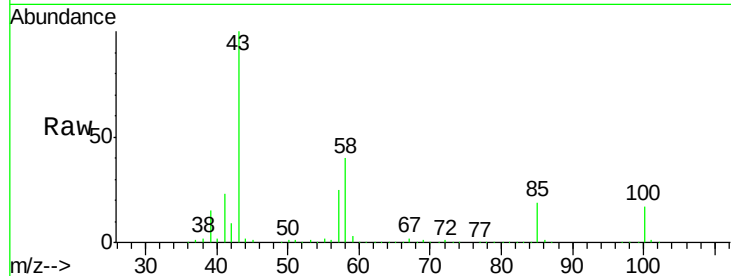
58 40.1 32.1 48.1

Manual Integrations

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#52

Toluene

Concen: 51.33 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000046.D

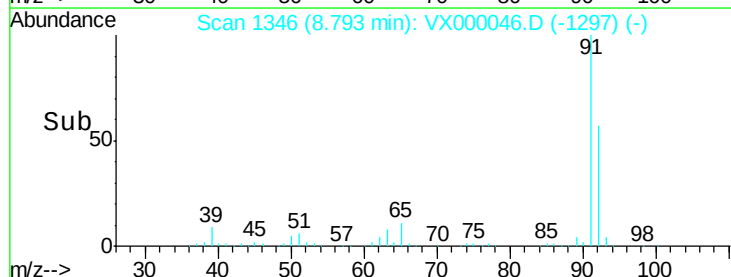
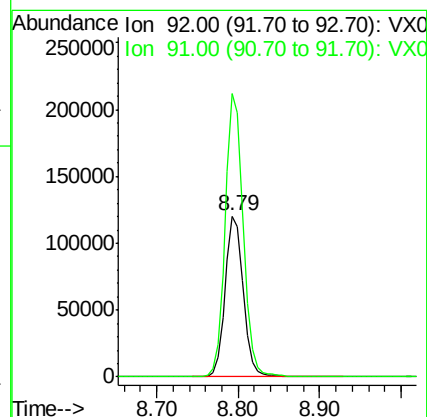
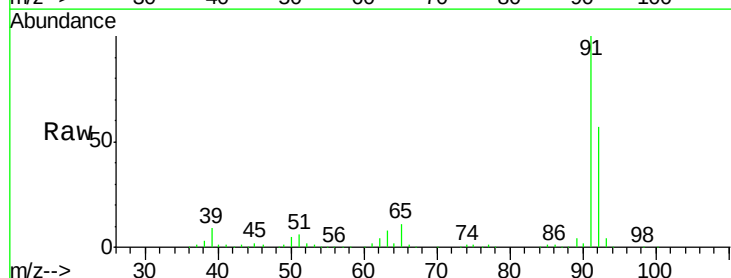
Acq: 09 Feb 2018 16:31

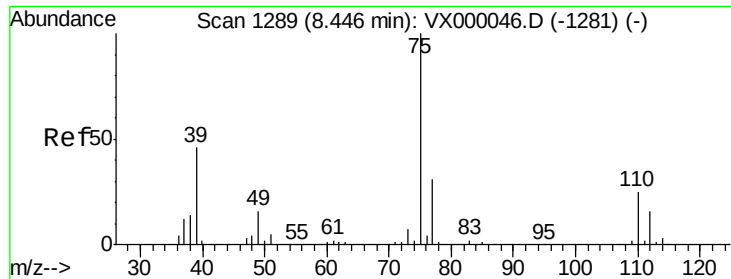
Tgt Ion: 92 Resp: 187137

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6





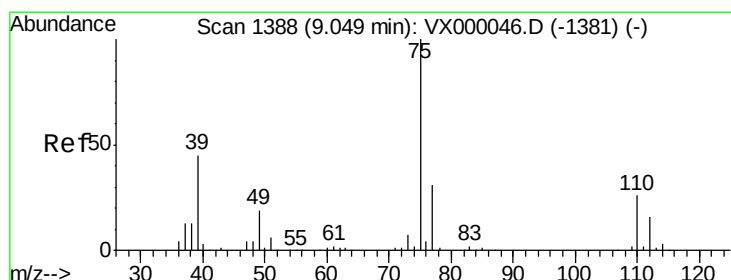
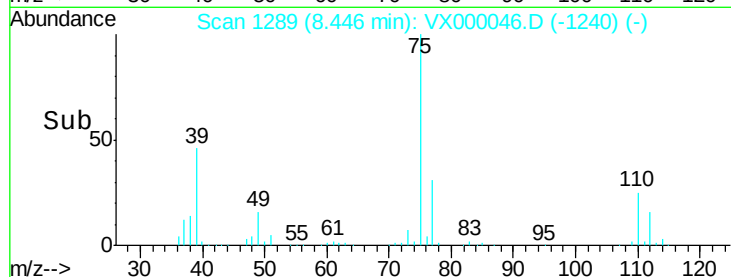
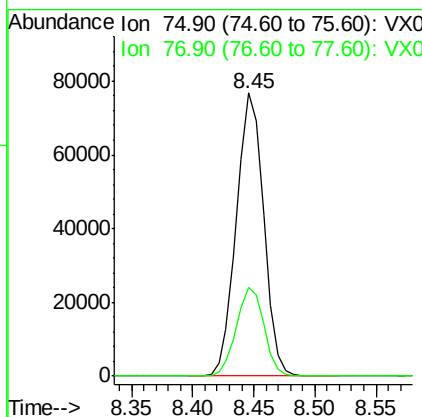
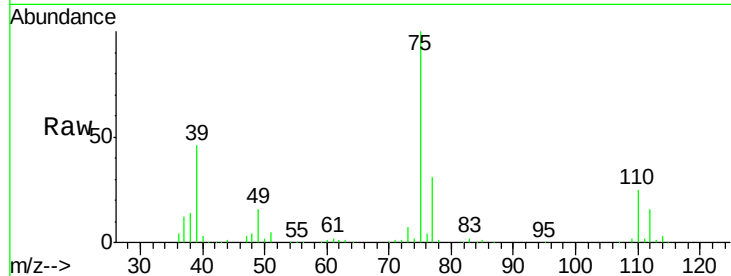
#53
 t-1,3-Dichloropropene
 Concen: 51.71 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 118926
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4

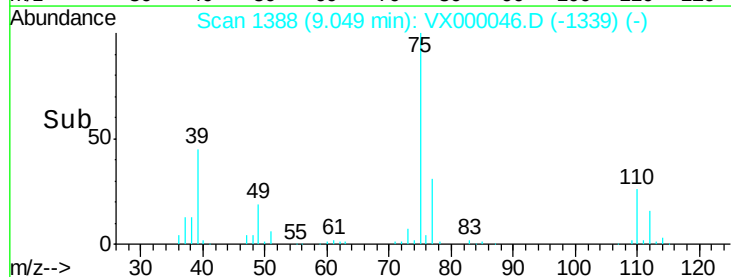
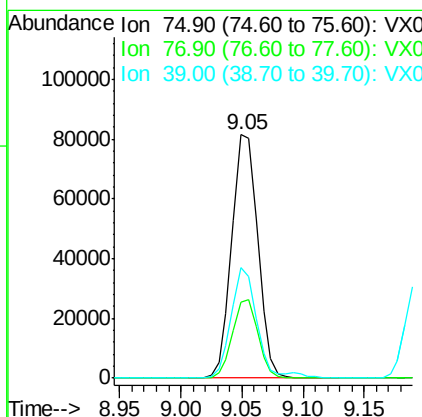
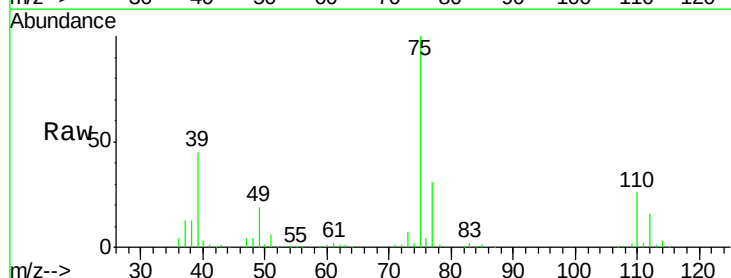
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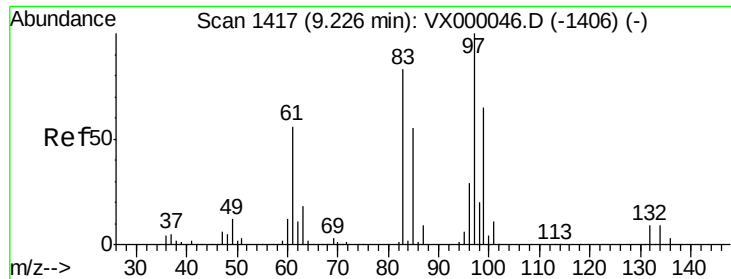
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 53.44 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion: 75 Resp: 119858
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 45.1 36.1 54.1





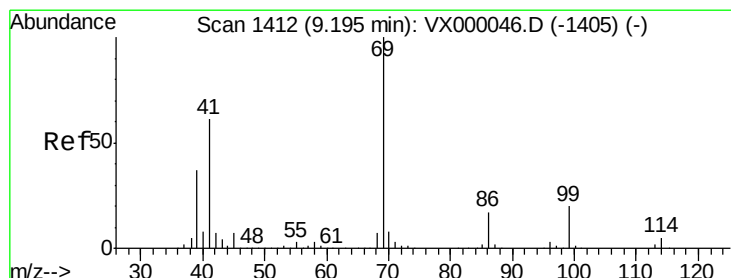
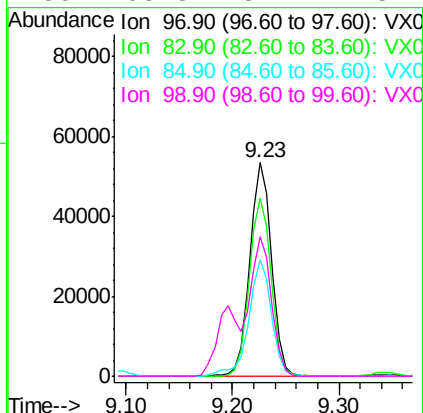
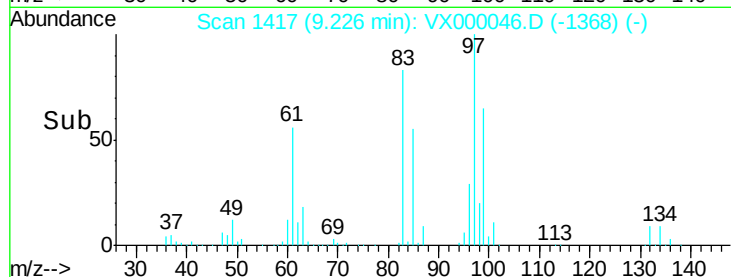
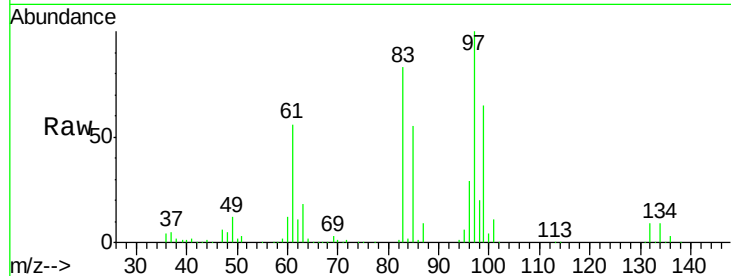
#55
 1,1,2-Trichloroethane
 Concen: 50.56 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.5	99.7
85	54.7	43.8	65.6
99	65.3	52.2	78.4

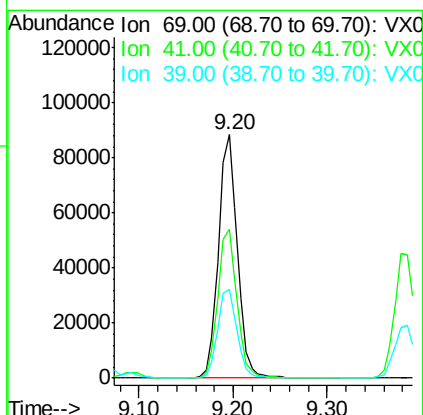
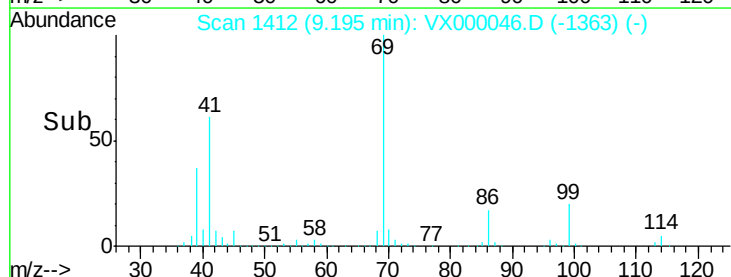
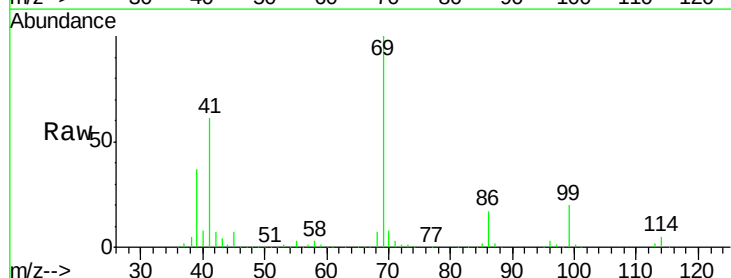
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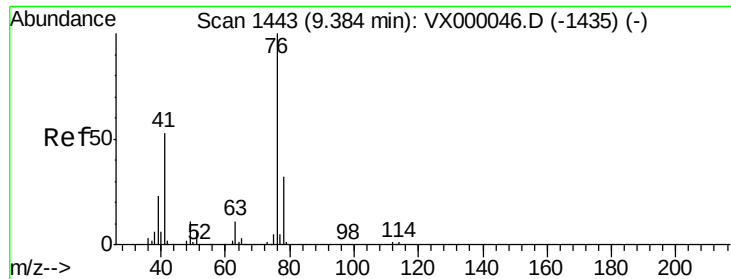
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#56
 Ethyl methacrylate
 Concen: 51.85 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.5	74.3
39	37.4	29.9	44.9





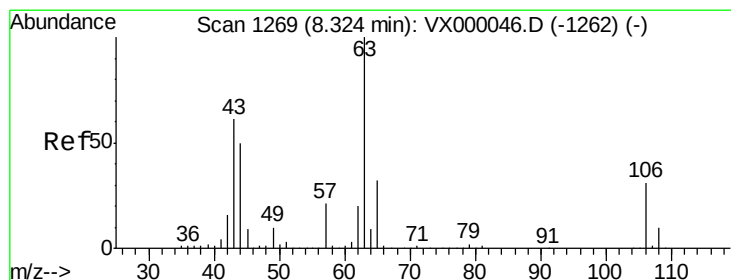
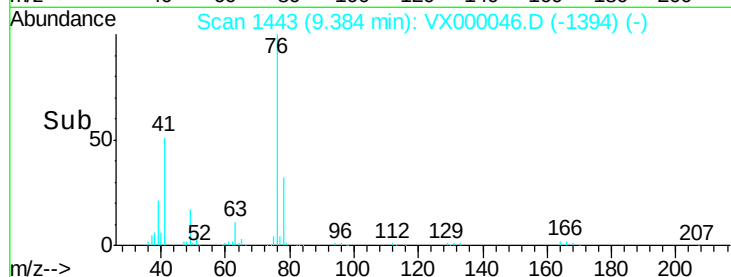
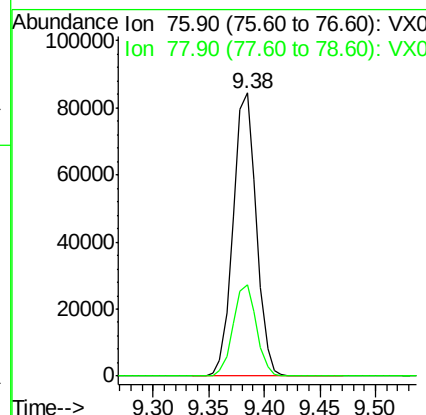
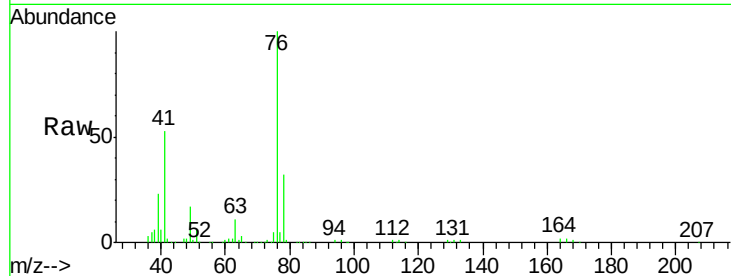
#57
 1,3-Dichloropropane
 Concen: 50.27 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 121762
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9

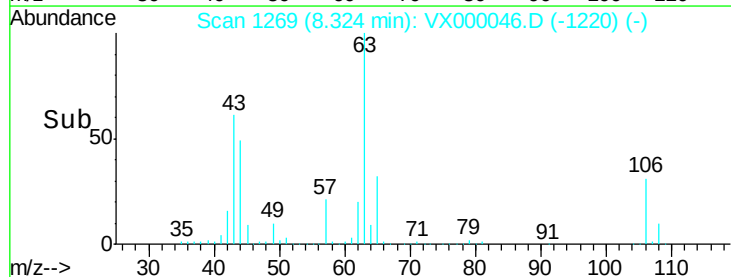
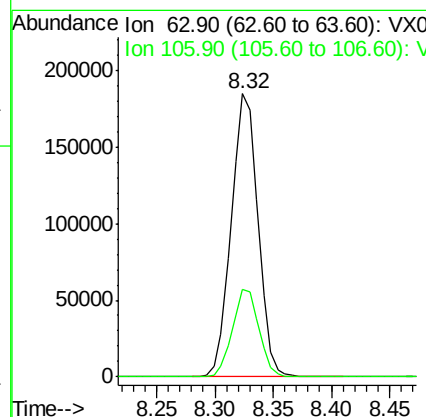
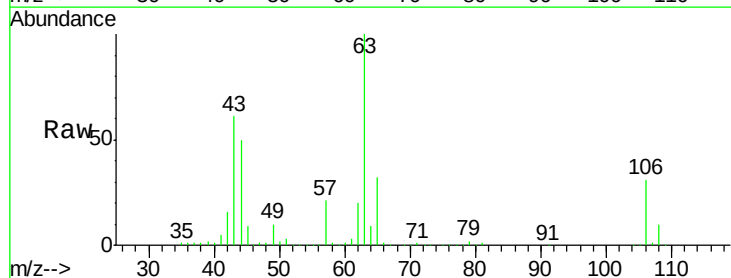
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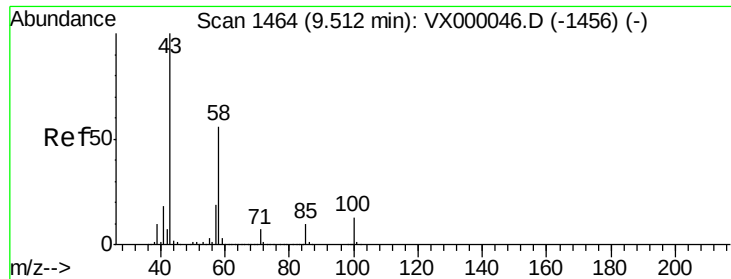
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#58
 2-Chloroethyl Vinyl ether
 Concen: 278.89 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion: 63 Resp: 294407
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.7 37.1





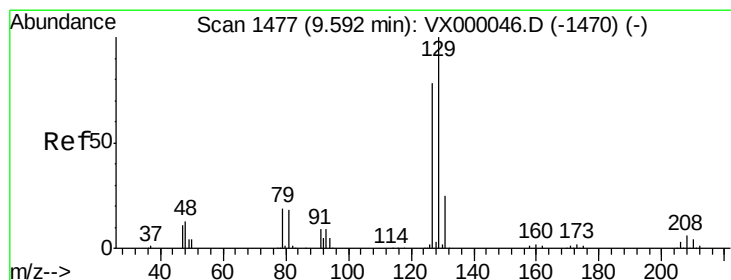
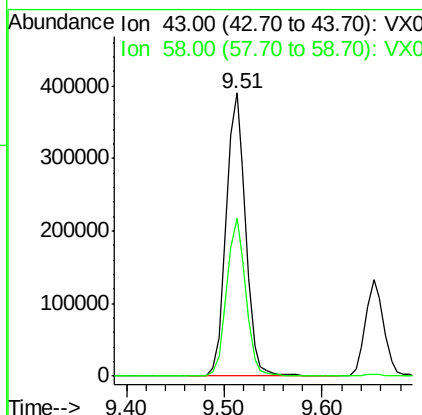
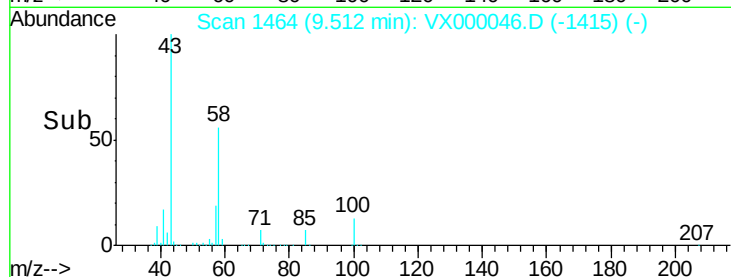
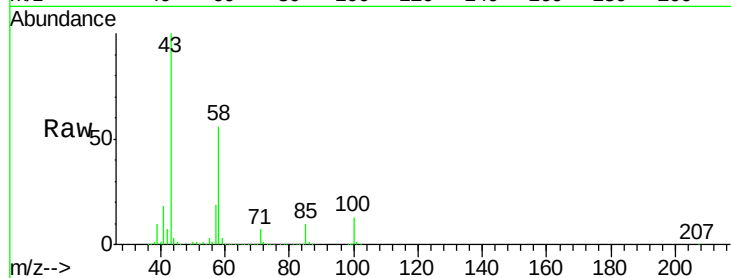
#59
2-Hexanone
Concen: 232.55 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDICCC050

Tgt Ion: 43 Resp: 536493
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.7

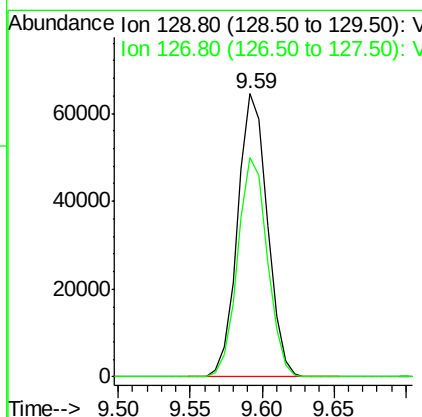
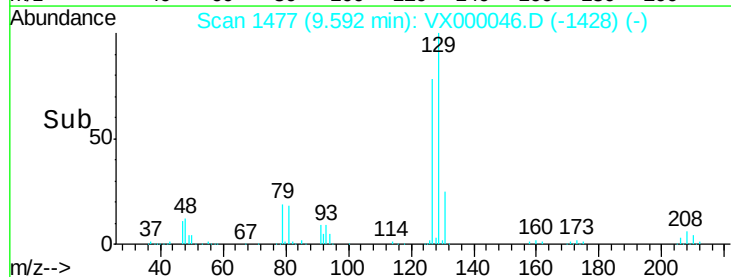
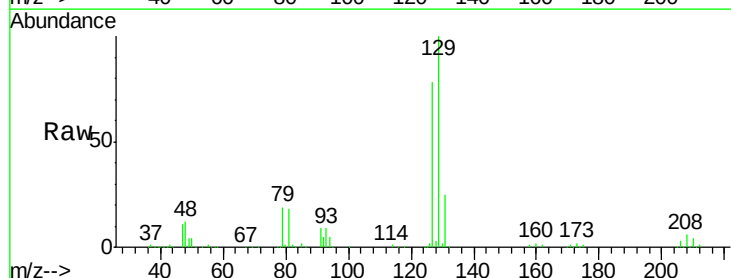
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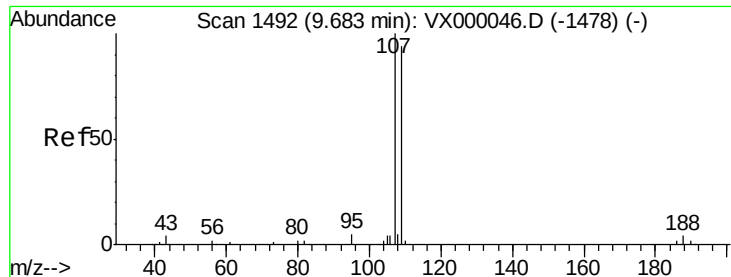
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#60
Dibromochloromethane
Concen: 53.76 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion: 129 Resp: 92670
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.62 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampleId :

VSTDICCC050

Tgt Ion: 107 Resp: 88515

Ion Ratio Lower Upper

107 100

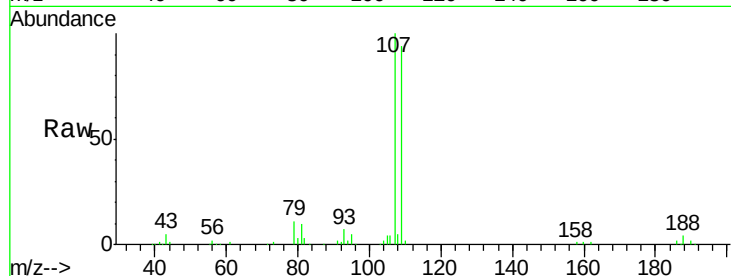
109 93.2 74.6 111.8

Manual Integrations

APPROVED

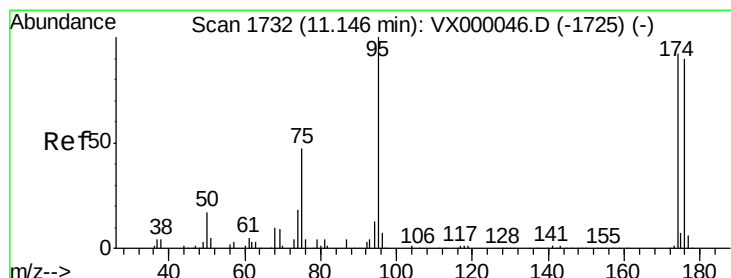
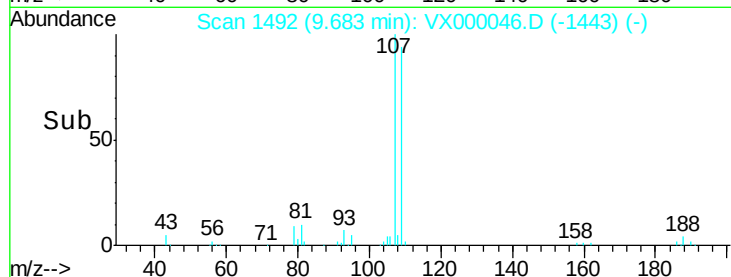
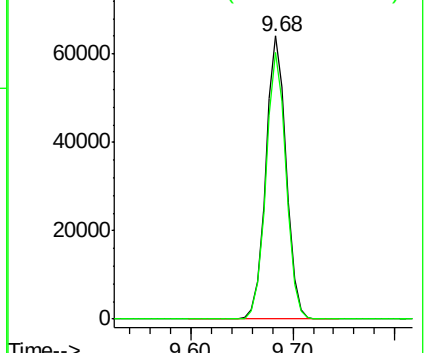
sam

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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: 49.55 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

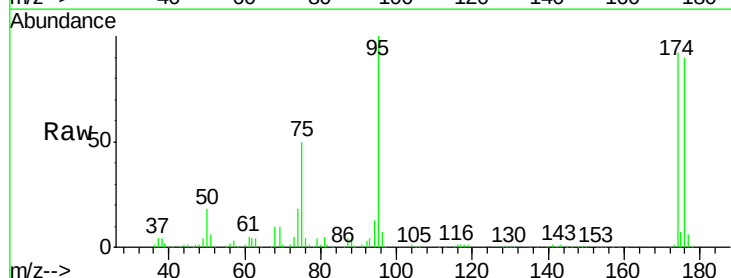
Tgt Ion: 95 Resp: 99273

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.6

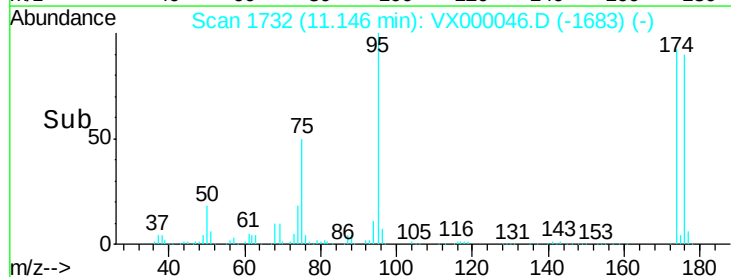
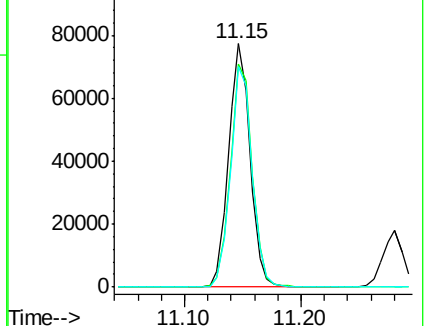
176 90.9 0.0 181.8

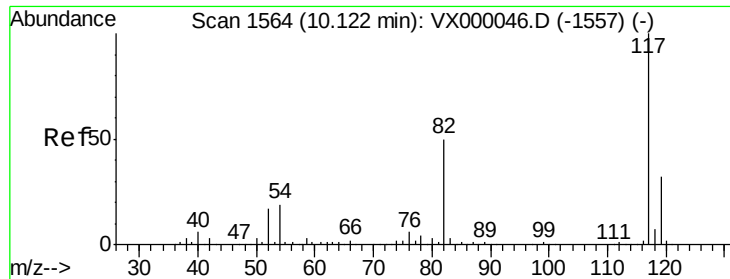


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





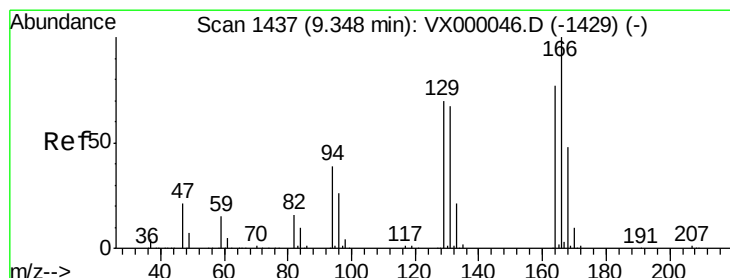
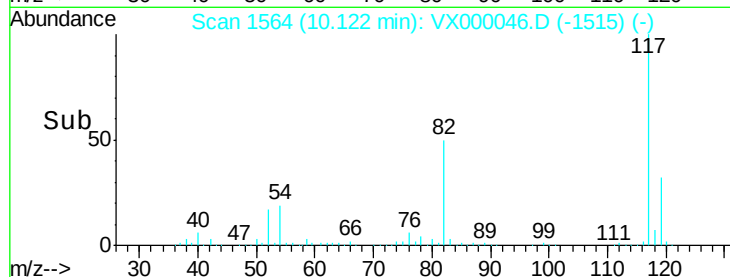
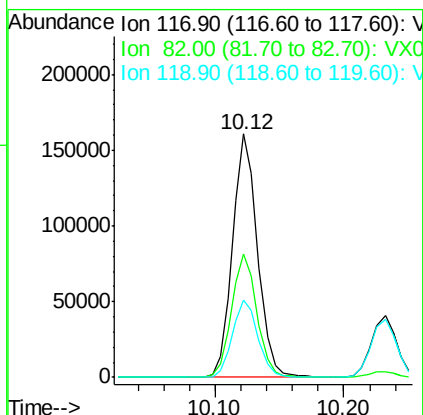
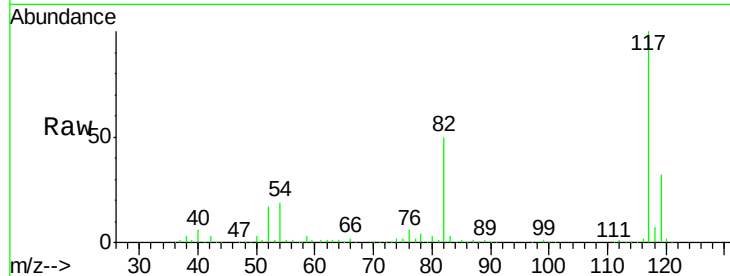
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	217136		
82	50.4	40.3	60.5	
119	31.6	25.3	37.9	

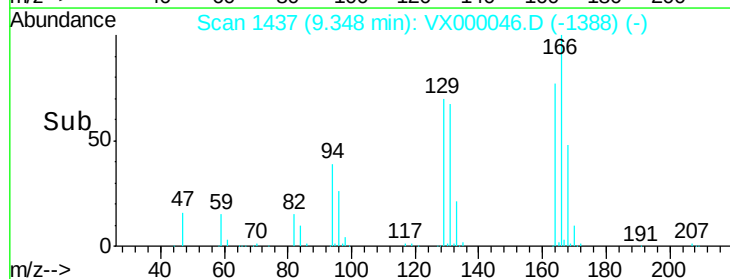
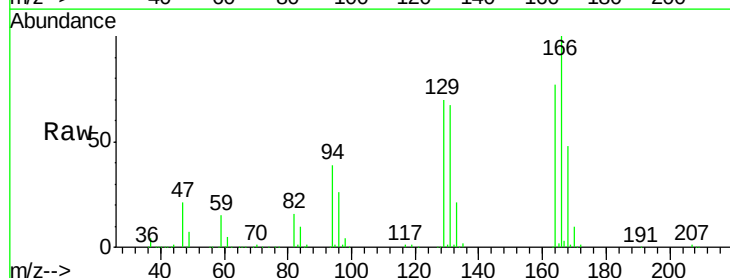
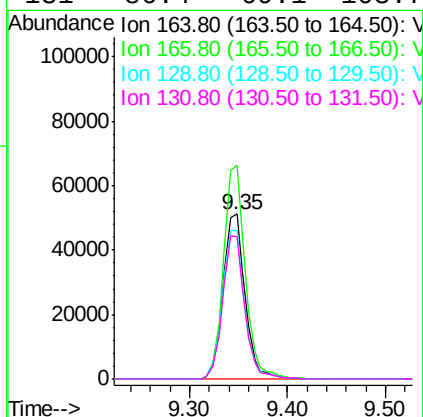
Manual Integrations
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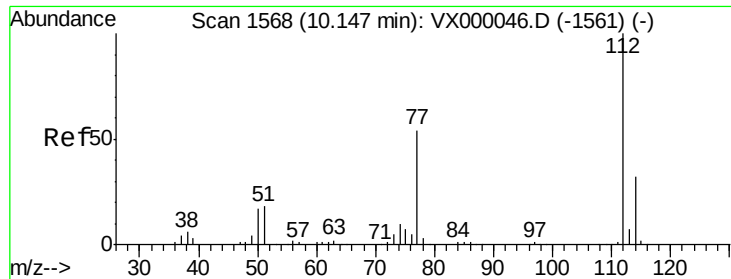
sam
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#64
Tetrachloroethene
Concen: 48.66 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80173		
166	129.6	103.7	155.5	
129	90.3	72.2	108.4	
131	86.4	69.1	103.7	





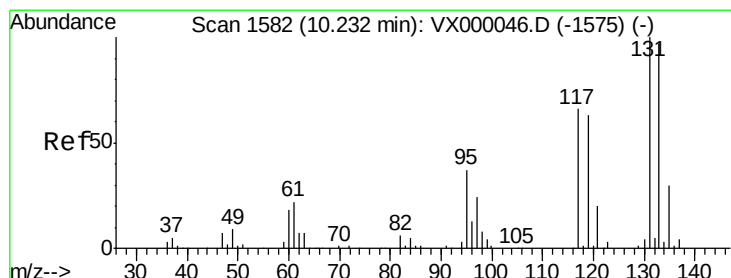
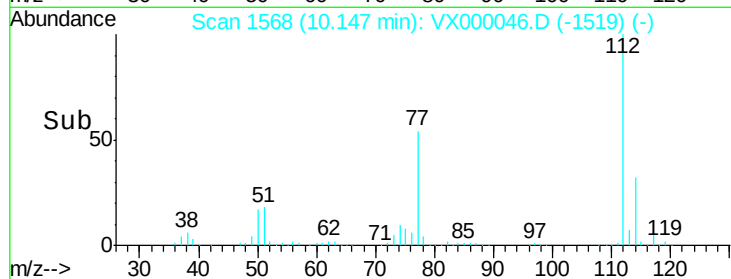
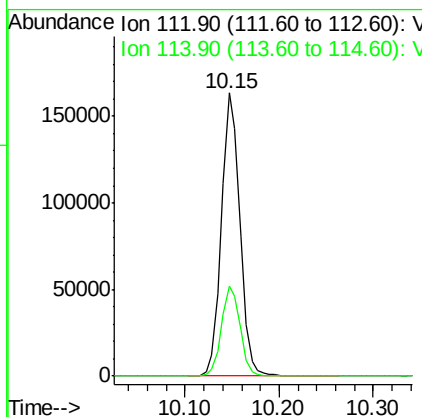
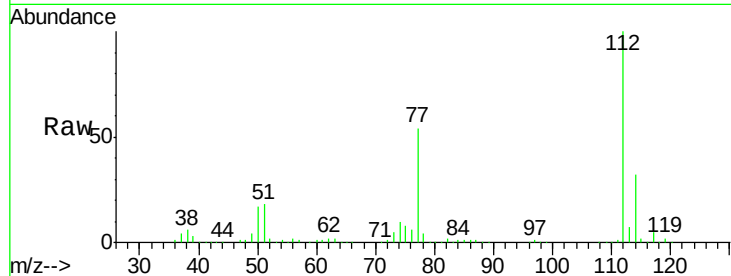
#65
Chlorobenzene
Concen: 50.57 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDICCC050

Tgt Ion:112 Resp: 222148
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

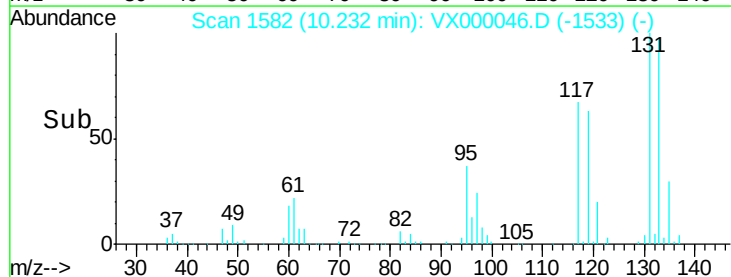
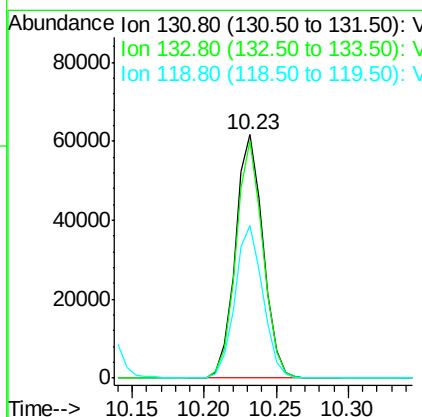
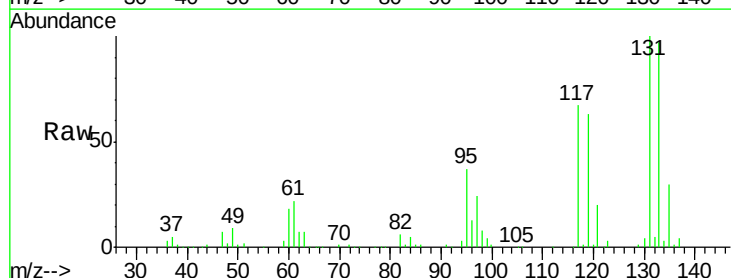
Manual Integrations
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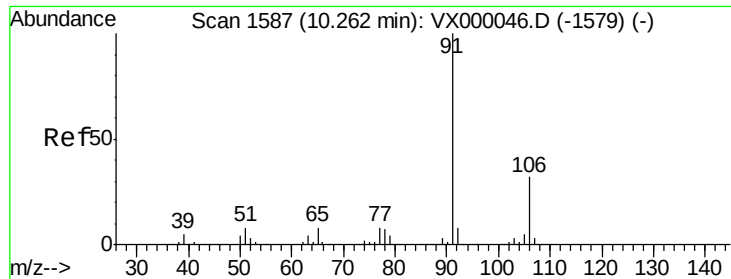
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.53 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion:131 Resp: 82565
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 63.4 31.7 95.1





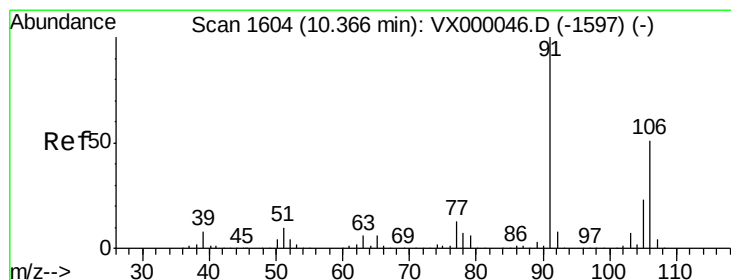
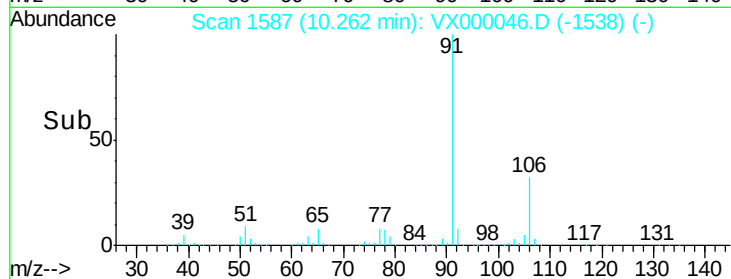
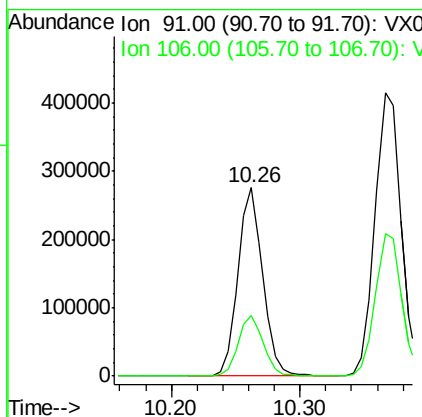
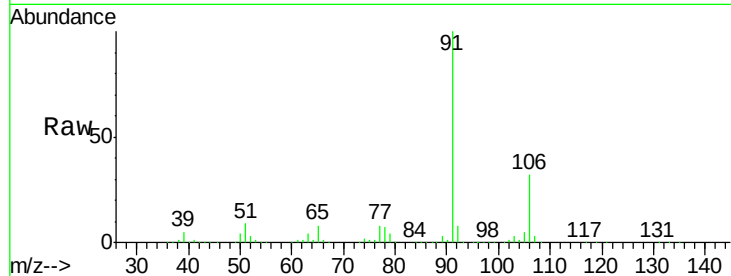
#67
Ethyl Benzene
Concen: 50.18 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 368783
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9

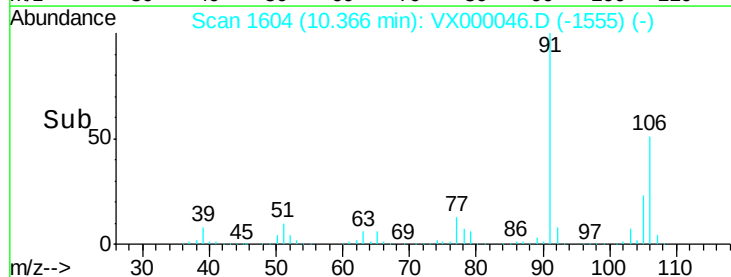
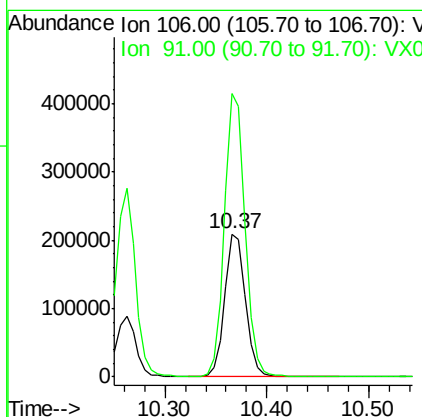
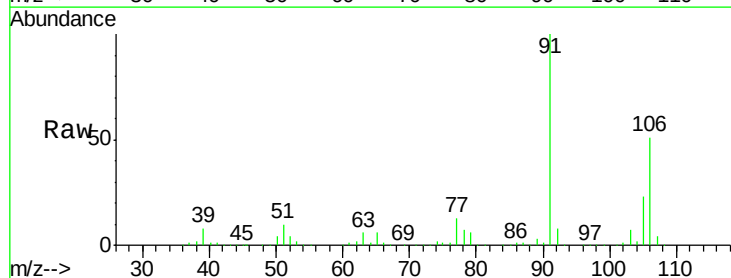
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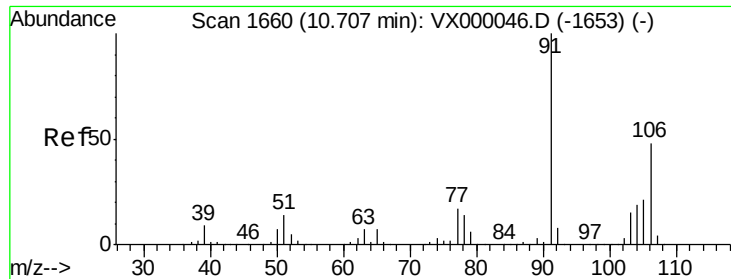
sam
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#68
m/p-Xylenes
Concen: 101.37 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion: 106 Resp: 294827
Ion Ratio Lower Upper
106 100
91 197.9 158.3 237.5





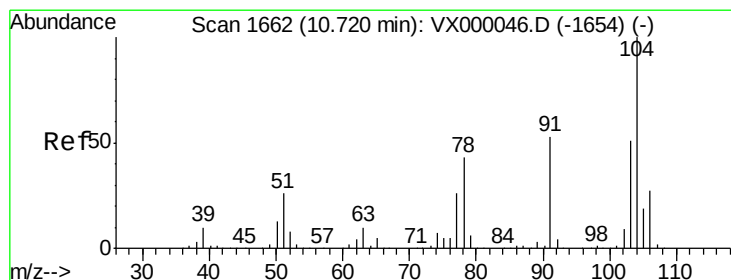
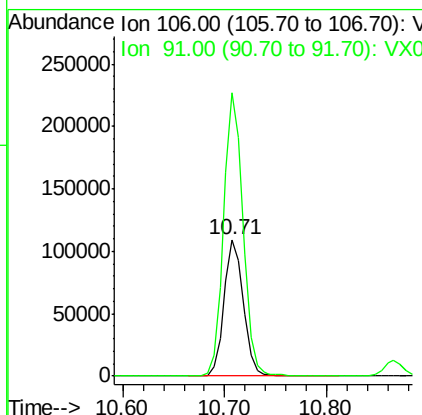
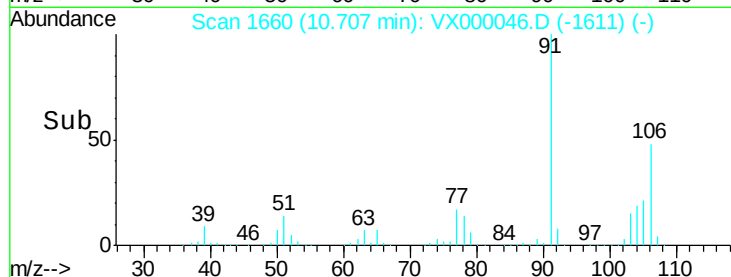
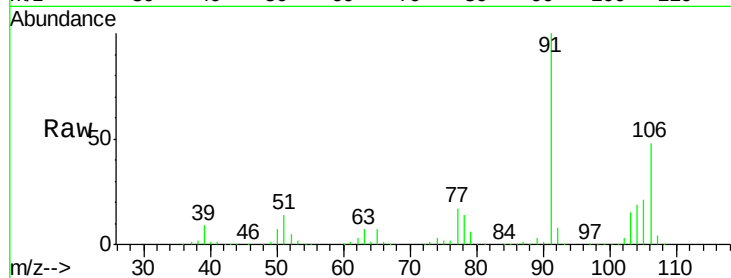
#69
o-Xylene
Concen: 50.94 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 143960
Ion Ratio Lower Upper
106 100
91 208.0 104.0 312.0

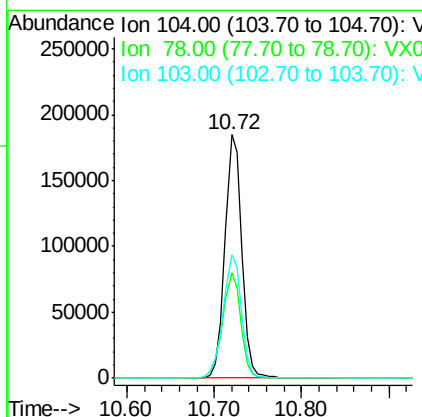
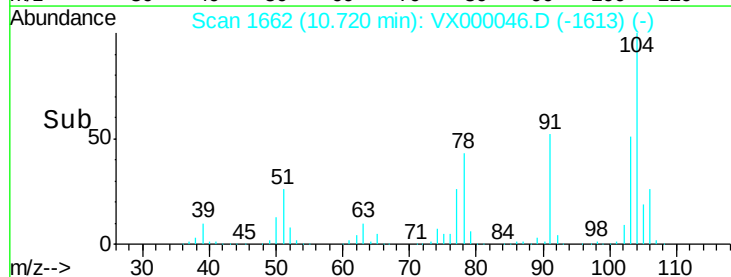
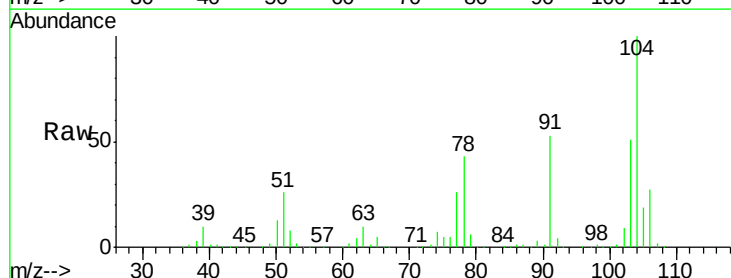
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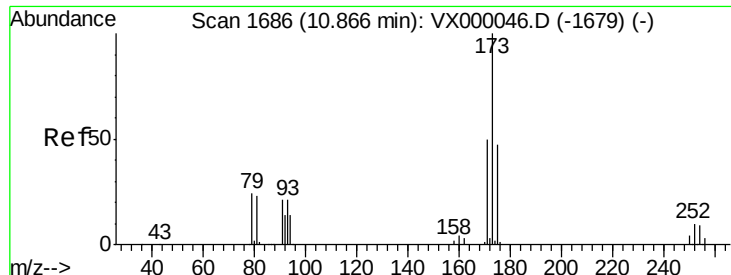
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#70
Styrene
Concen: 51.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion:104 Resp: 244127
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 55.0 44.0 66.0





#71

Bromoform

Concen: 54.22 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampled :
VSTDICCC050

Tgt Ion:173 Resp: 81831
Ion Ratio Lower Upper

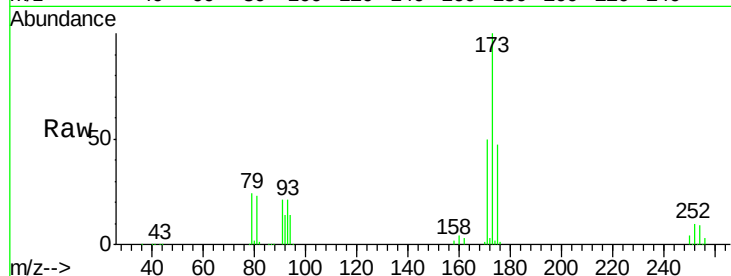
173 100

175 47.9 23.9 71.8

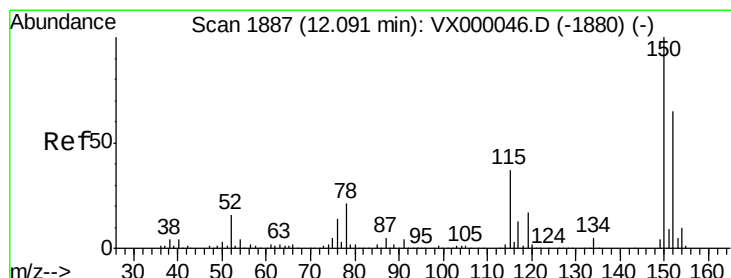
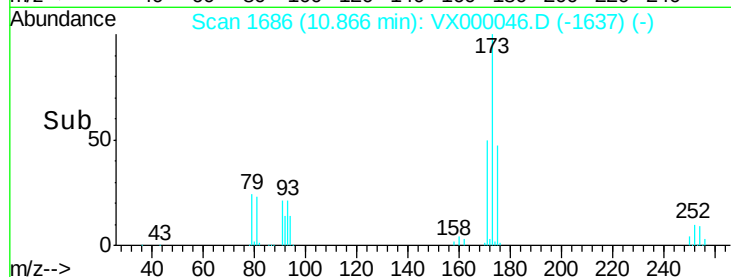
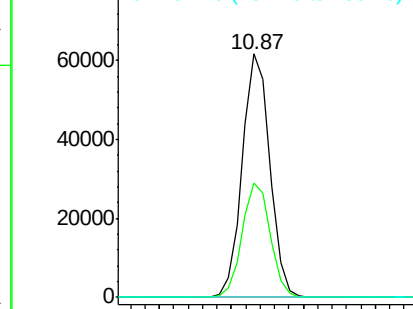
254 0.1 0.1 0.1#

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000046.D

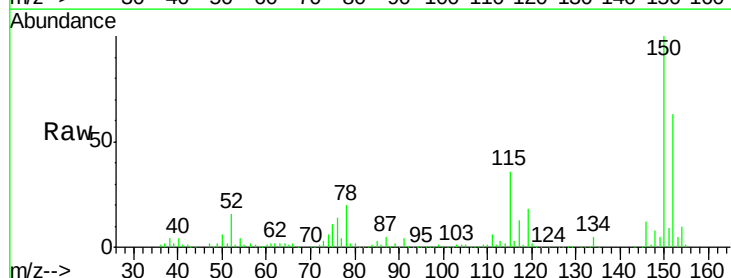
Acq: 09 Feb 2018 16:31

Tgt Ion:152 Resp: 125248
Ion Ratio Lower Upper

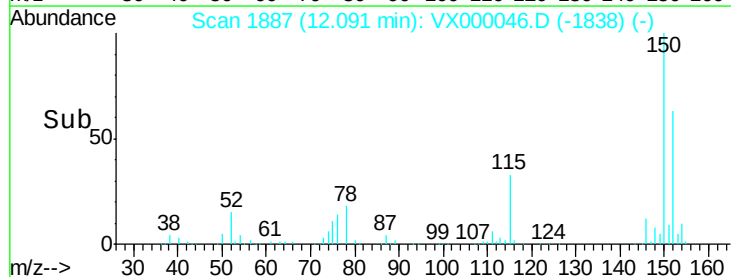
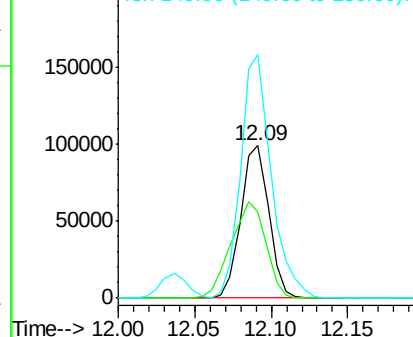
152 100

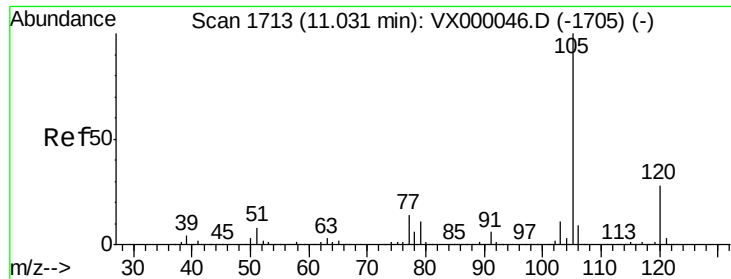
115 78.5 39.3 117.8

150 174.6 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: 50.17 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampleId :
VSTDICCC050

Tgt Ion: 105 Resp: 387253

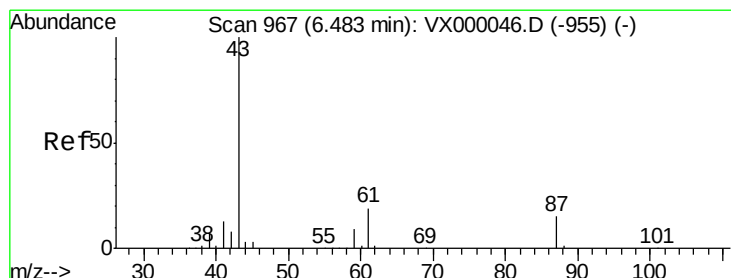
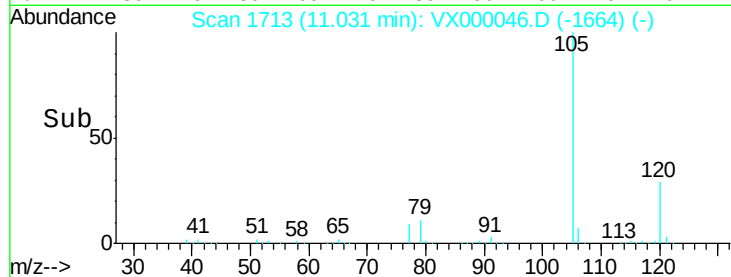
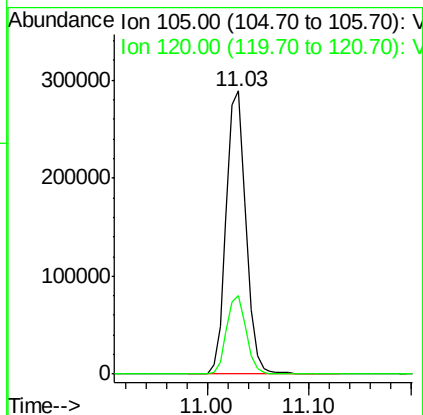
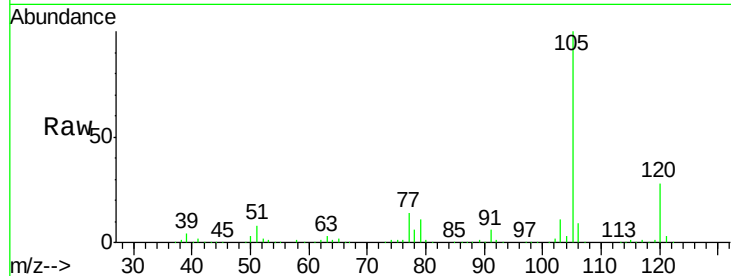
Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 47.38 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Tgt Ion: 43 Resp: 182786

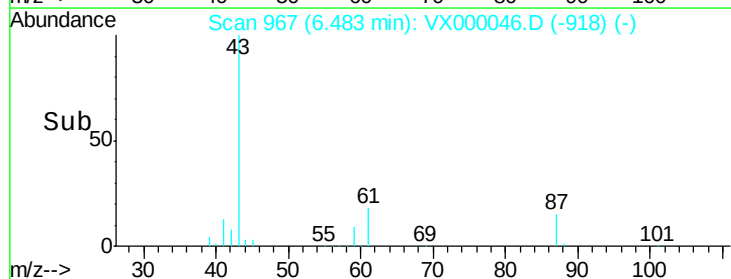
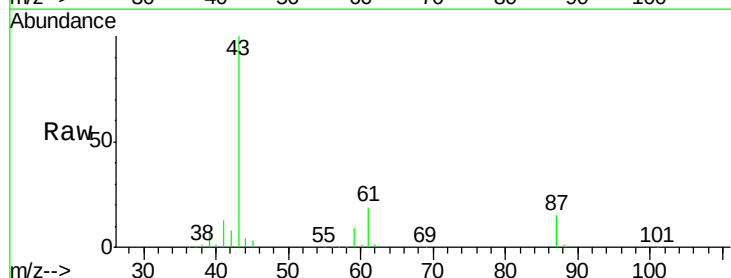
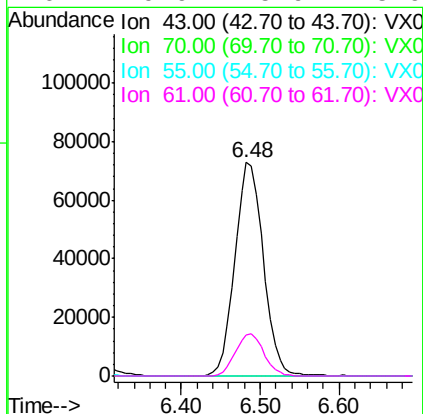
Ion Ratio Lower Upper

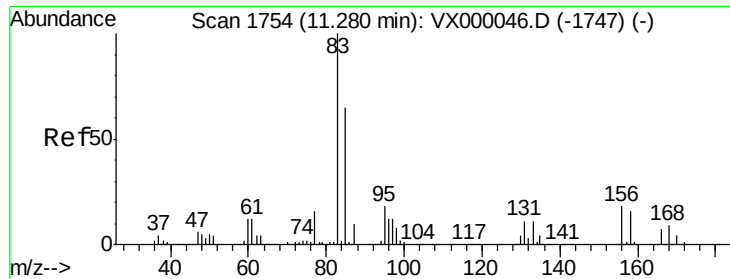
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.9 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.19 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

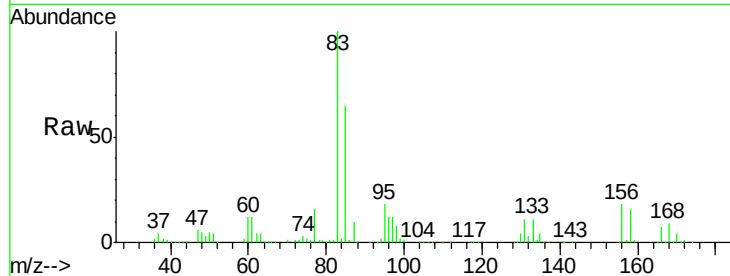
Instrument :

ClientSampled :
VSTDICCC050

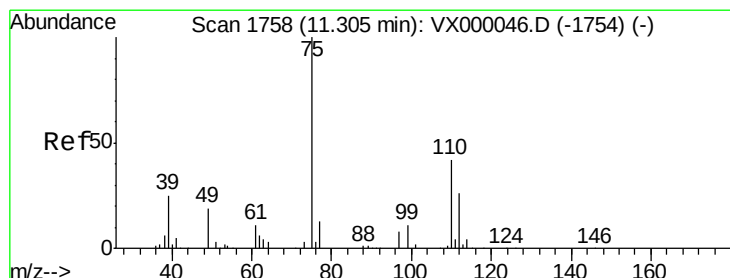
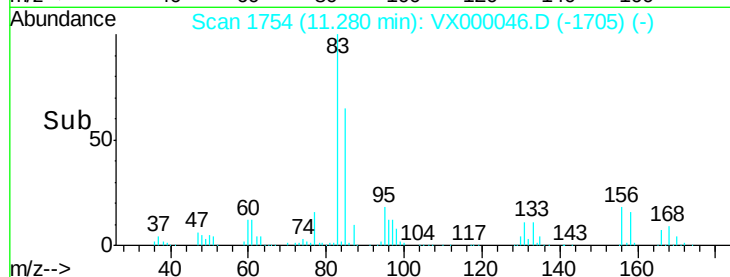
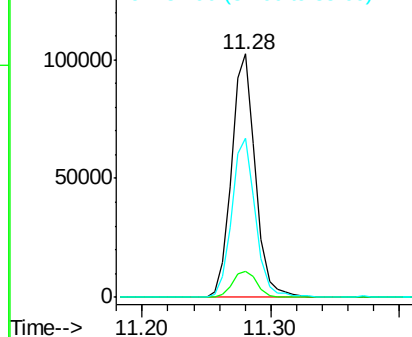
Tgt Ion:	83	Resp:	132549
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	65.1	32.6	97.7

Manual Integrations
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2/14/2018 5:29:36 PM



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



#76

1,2,3-Trichloropropane

Concen: 48.34 ug/l m

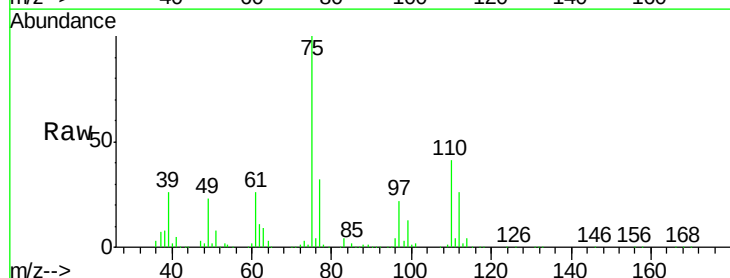
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

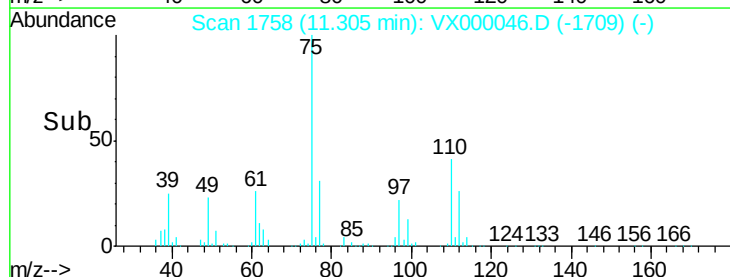
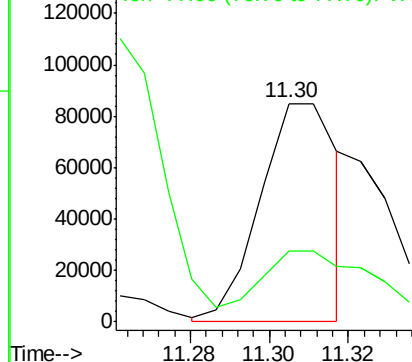
Lab File: VX000046.D

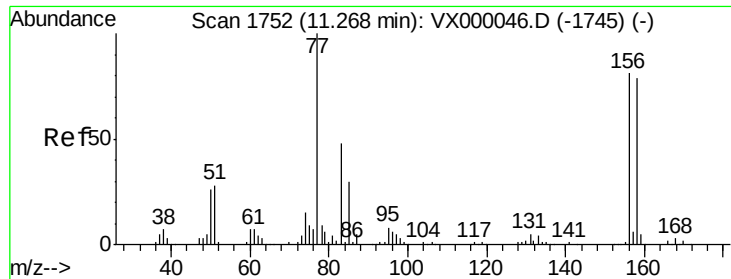
Acq: 09 Feb 2018 16:31

Tgt Ion:	75	Resp:	115659
Ion Ratio	Lower	Upper	
75	100		
77	47.4	23.7	71.1



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





#77

Bromobenzene

Concen: 51.88 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

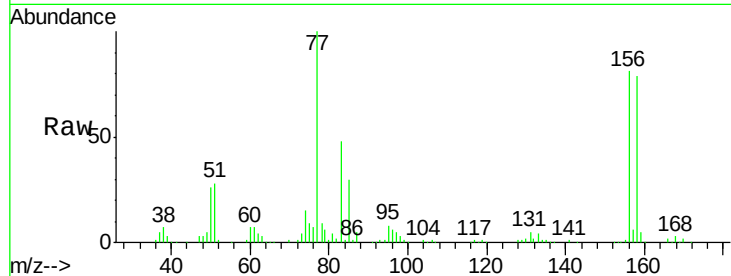
ClientSampleId :

VSTDICCC050

Tgt Ion:	156	Resp:	106708
Ion Ratio	Lower	Upper	
156	100		
77	132.4	66.2	198.6
158	97.3	48.6	145.9

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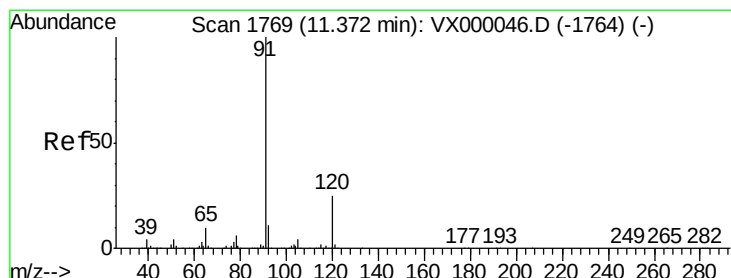
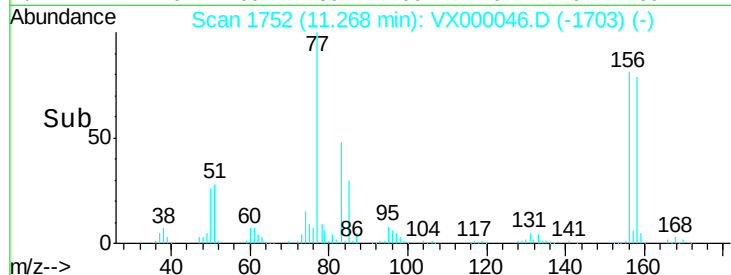
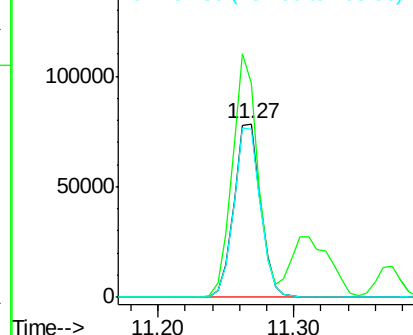
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.64 ug/l

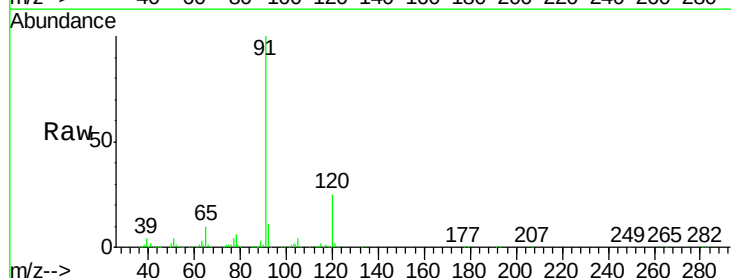
RT: 11.37 min Scan# 1769

Delta R.T. 0.00 min

Lab File: VX000046.D

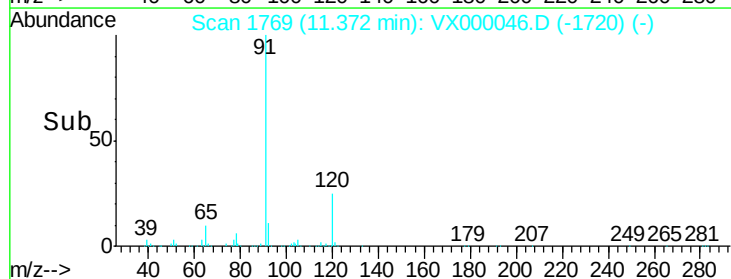
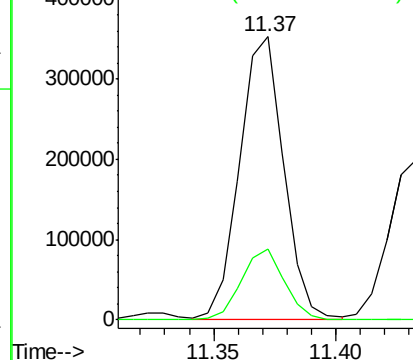
Acq: 09 Feb 2018 16:31

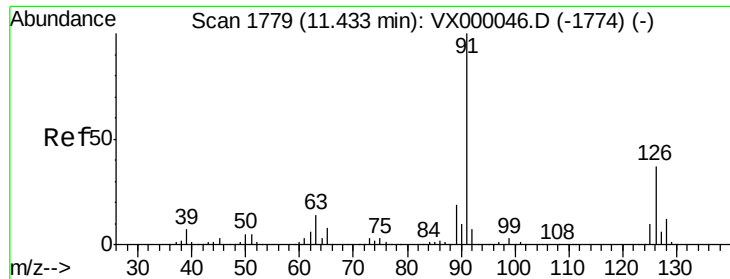
Tgt Ion:	91	Resp:	444794
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.2	36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.24 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

ClientSampled :

VSTDICCC050

Tgt Ion: 91 Resp: 260888

Ion Ratio Lower Upper

91 100

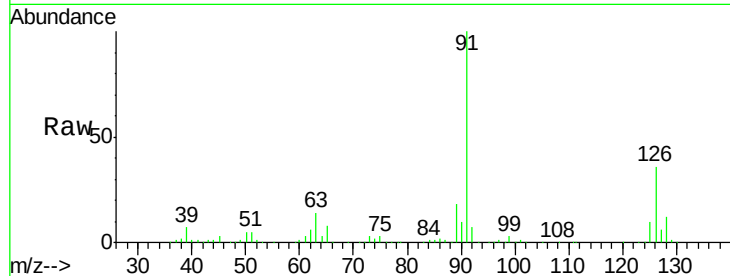
126 36.4 18.2 54.6

Manual Integrations

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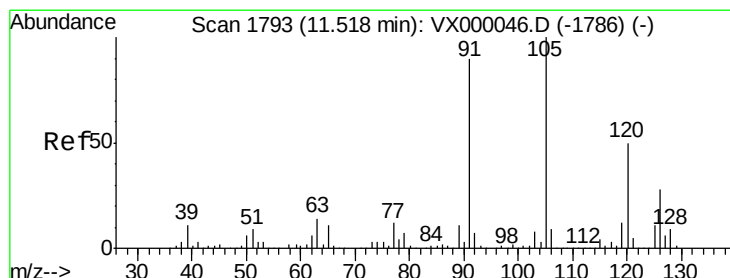
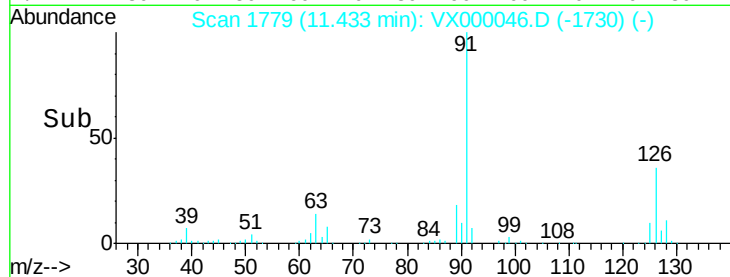
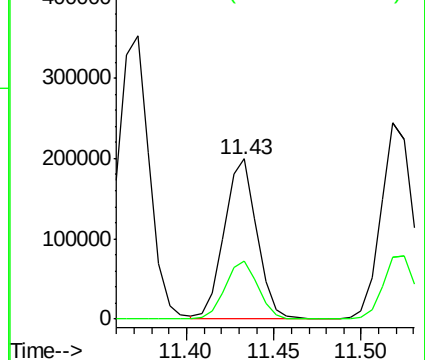
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.39 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000046.D

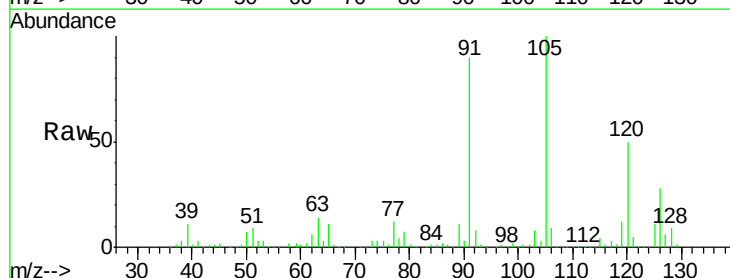
Acq: 09 Feb 2018 16:31

Tgt Ion: 105 Resp: 327658

Ion Ratio Lower Upper

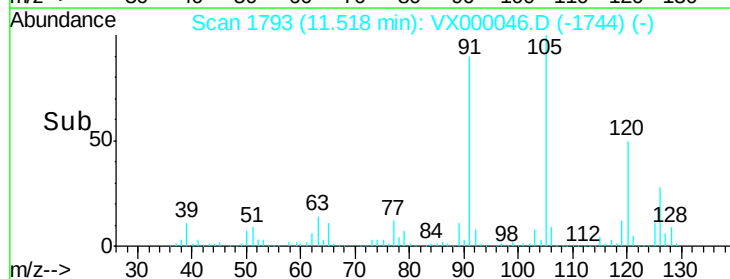
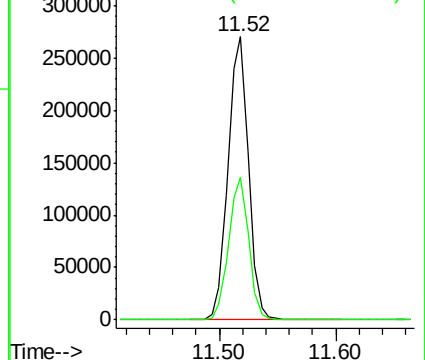
105 100

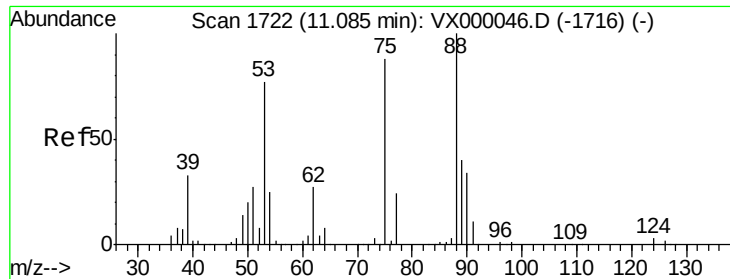
120 49.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





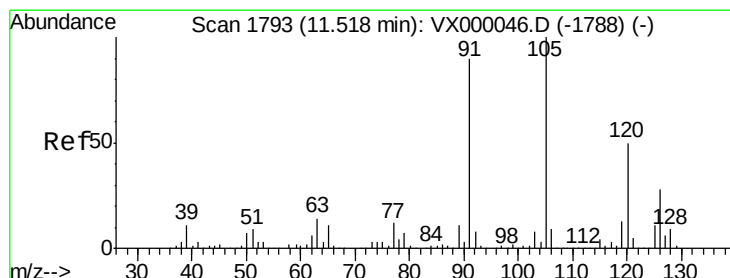
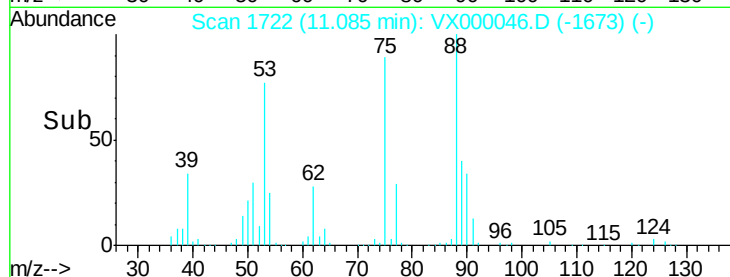
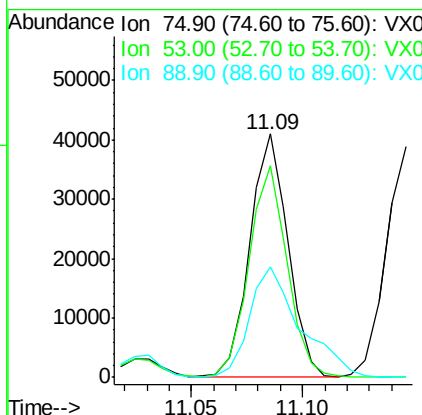
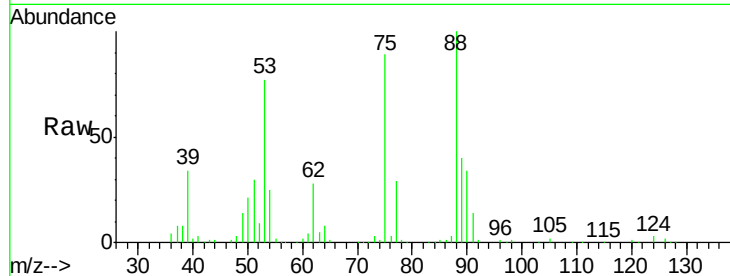
#81
trans-1,4-Dichloro-2-butene
Concen: 56.27 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.9	70.3	105.5
89	60.7	48.6	72.8

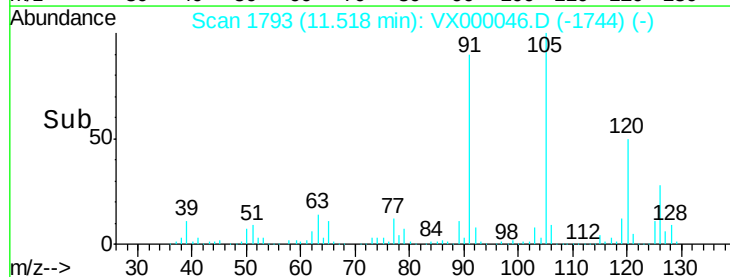
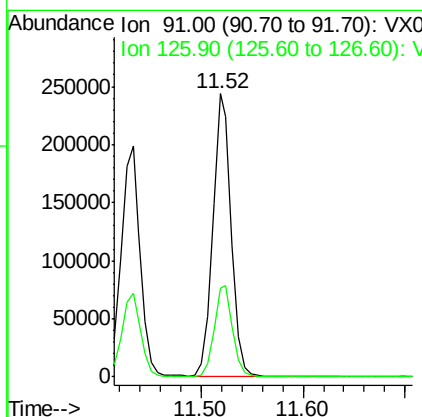
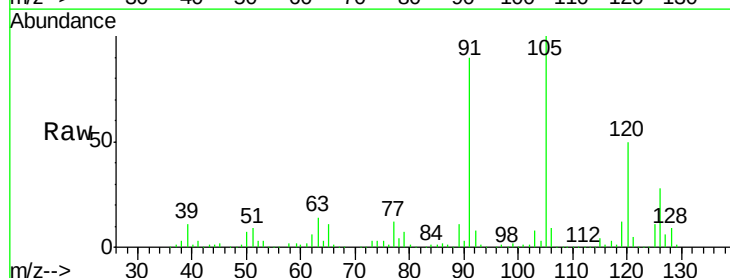
Manual Integrations
APPROVED

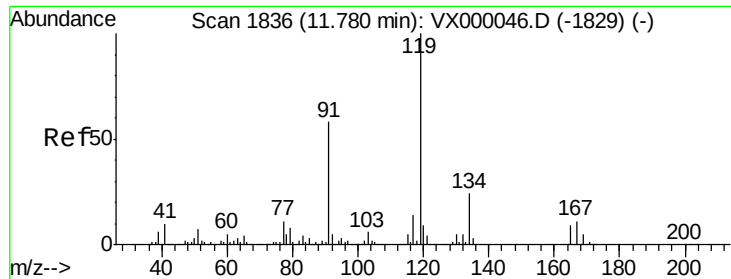
sam
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#82
4-Chlorotoluene
Concen: 50.06 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.8





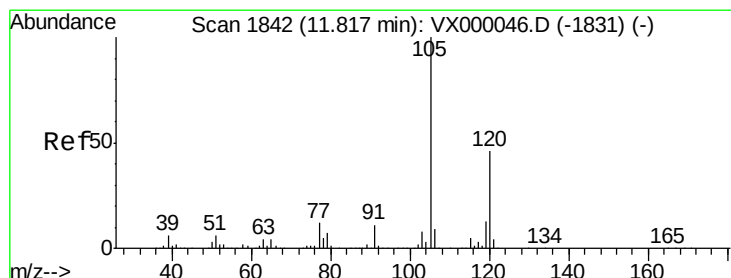
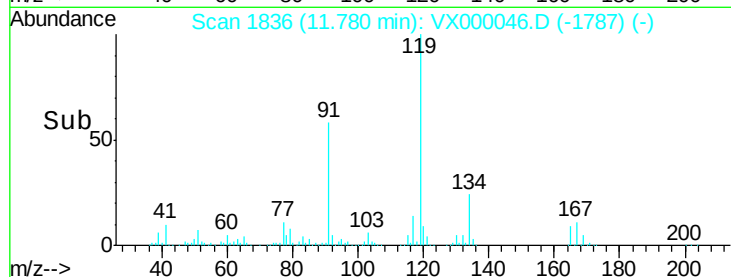
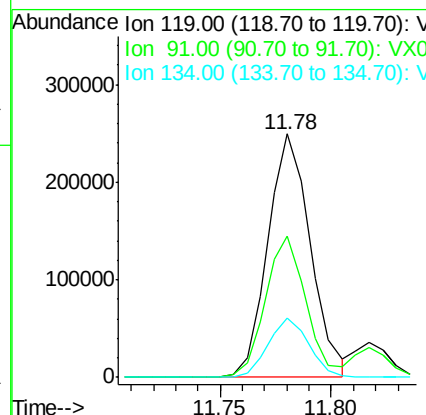
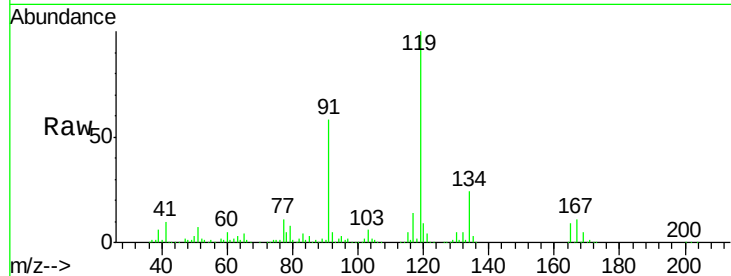
#83
 tert-Butylbenzene
 Concen: 50.33 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	330609		
91	55.8	27.9	83.7	
134	23.4	11.7	35.1	

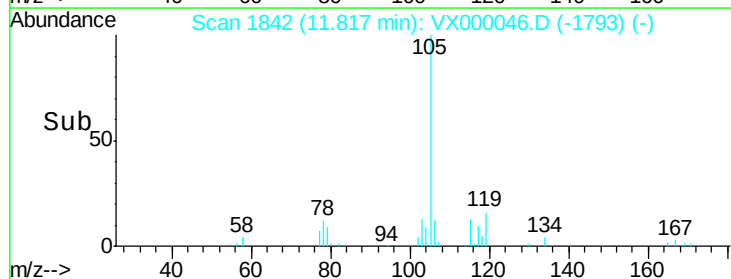
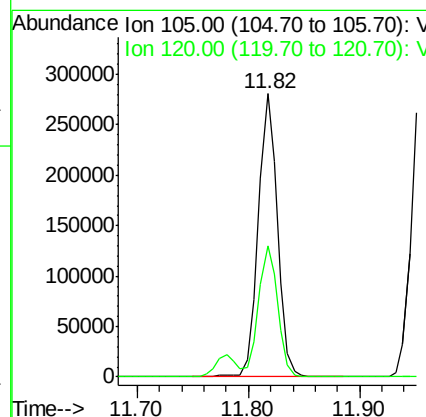
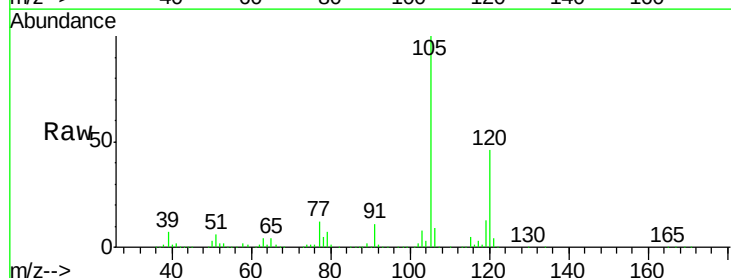
Manual Integrations
 APPROVED

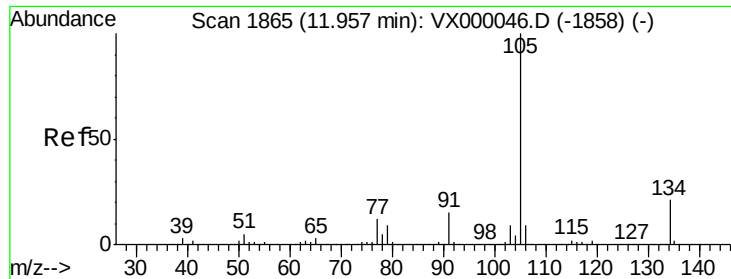
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.98 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	334889		
120	46.8	23.4	70.2	





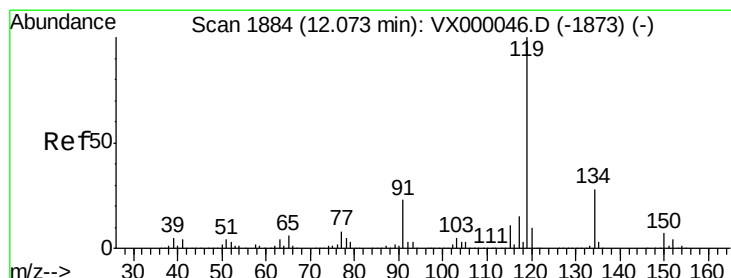
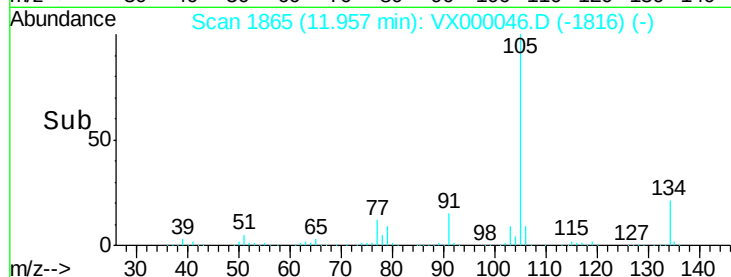
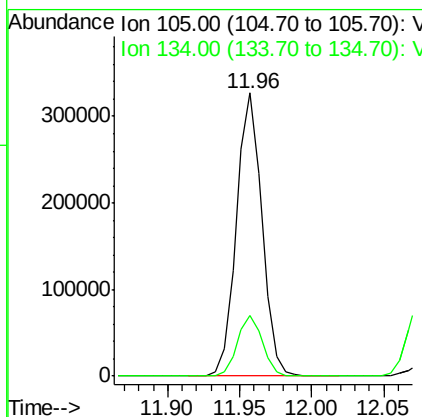
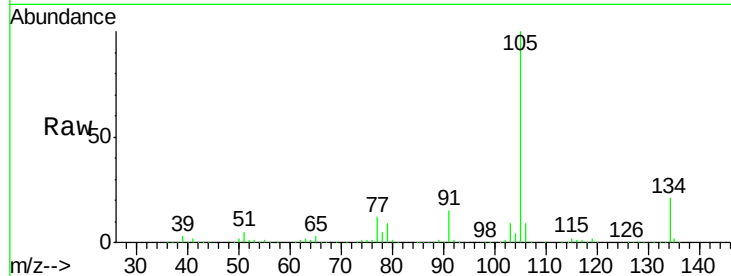
#85
 sec-Butylbenzene
 Concen: 50.10 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion:105 Resp: 404224
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.6 31.8

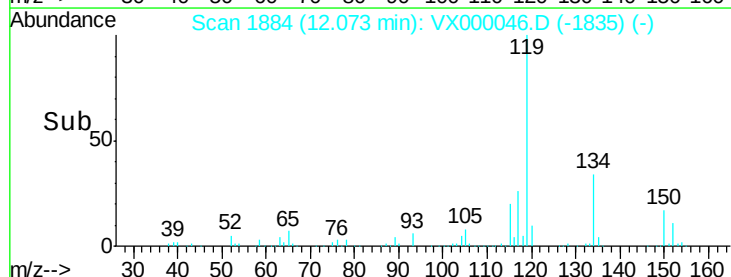
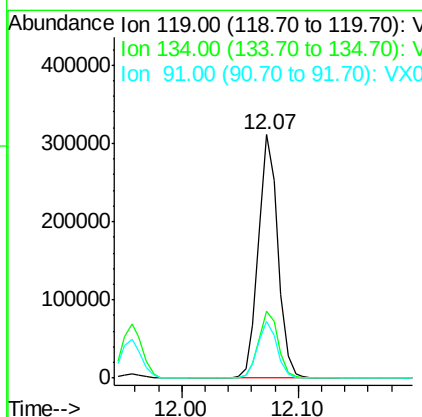
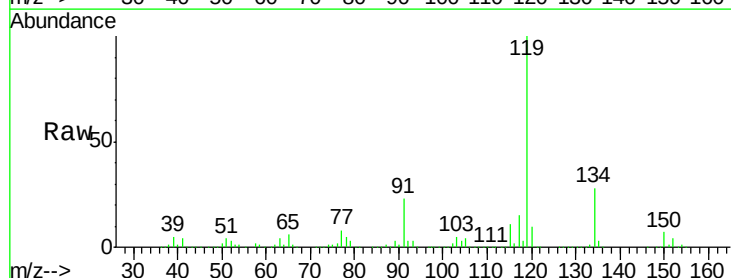
Manual Integrations
 APPROVED

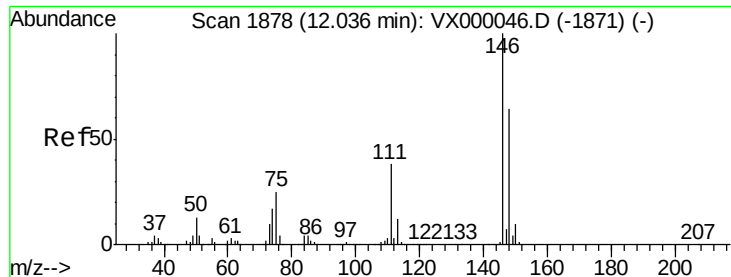
sam
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#86
 p-Isopropyltoluene
 Concen: 49.97 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion:119 Resp: 363327
 Ion Ratio Lower Upper
 119 100
 134 27.9 14.0 41.9
 91 23.1 11.6 34.7





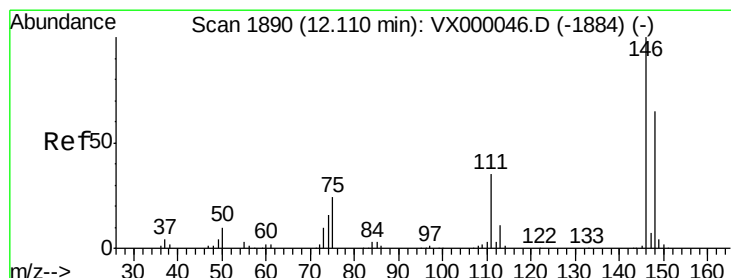
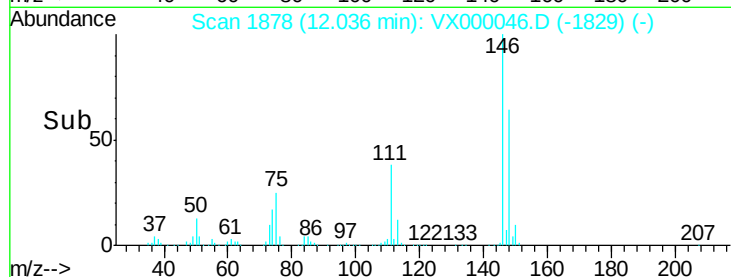
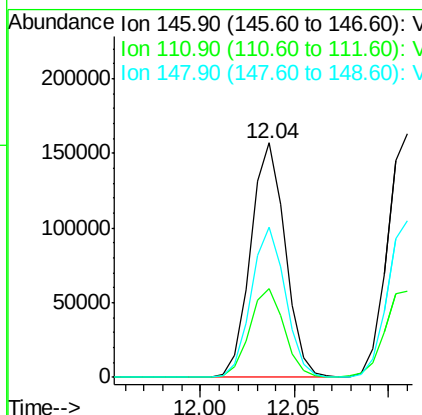
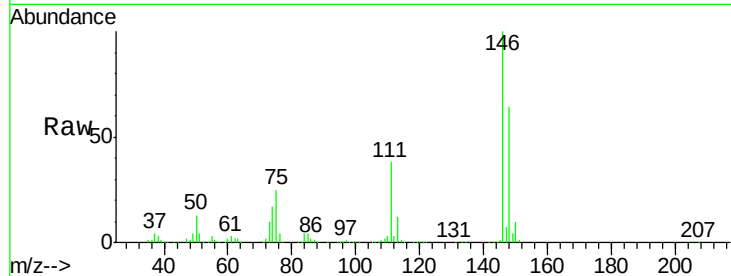
#87
 1,3-Dichlorobenzene
 Concen: 49.92 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199294		
111	37.9	18.9	56.9	
148	63.6	31.8	95.4	

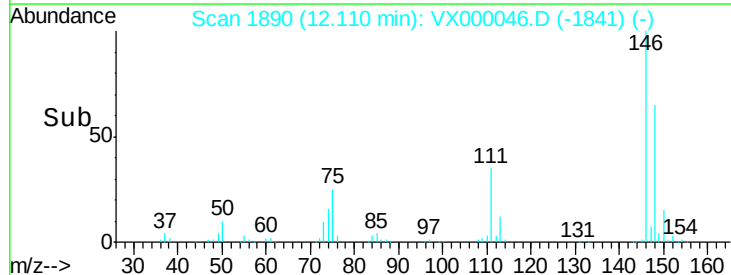
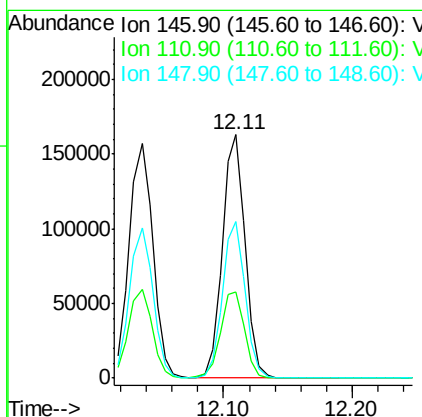
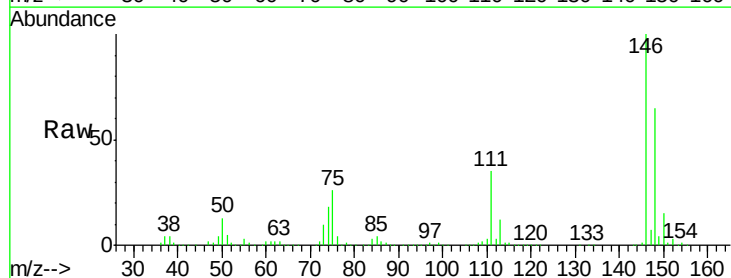
Manual Integrations
 APPROVED

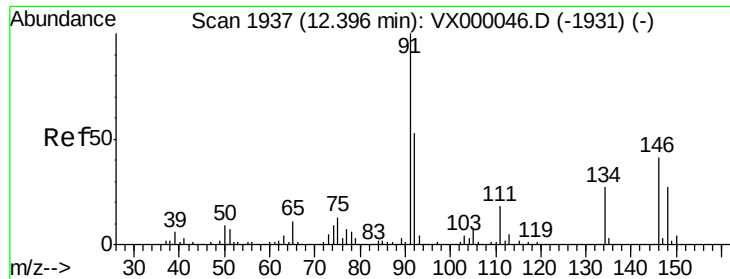
sam
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#88
 1,4-Dichlorobenzene
 Concen: 50.15 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	203210		
111	37.4	18.7	56.1	
148	64.3	32.1	96.5	





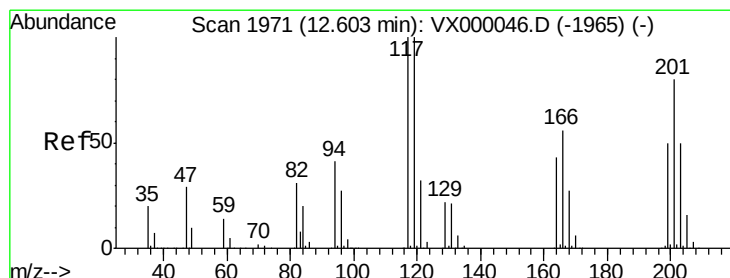
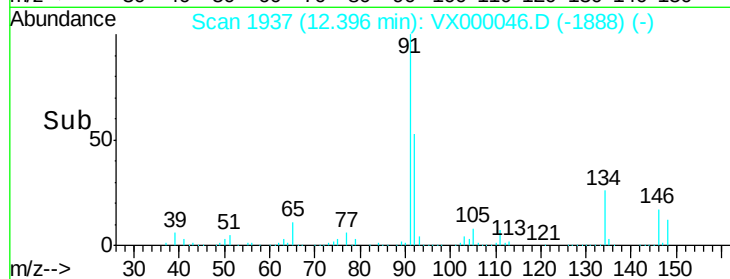
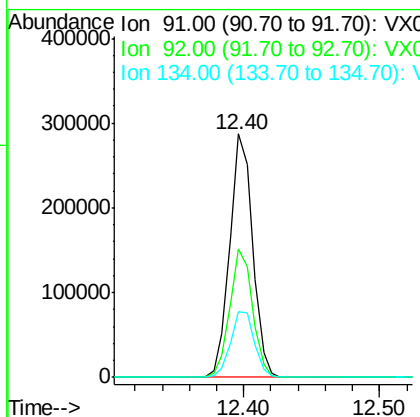
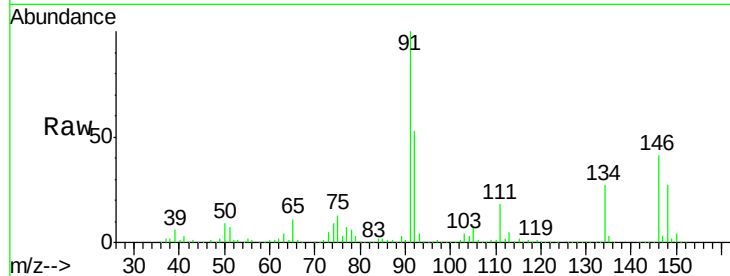
#89
n-Butylbenzene
Concen: 49.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Instrument :
ClientSampled :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	28.1	14.1	42.2

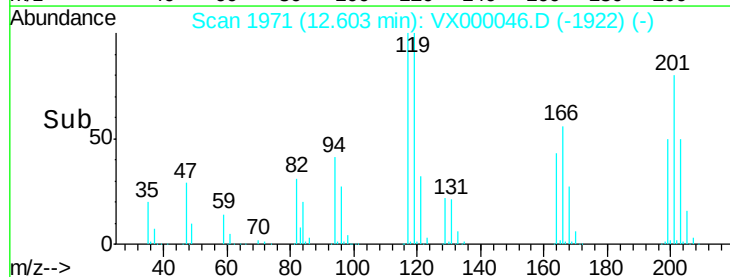
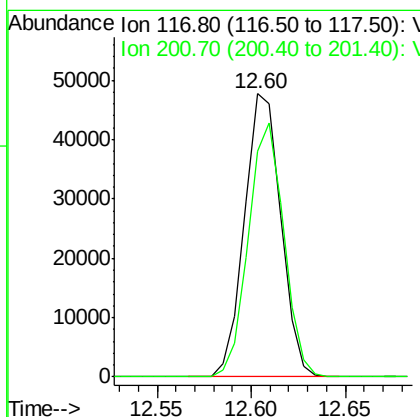
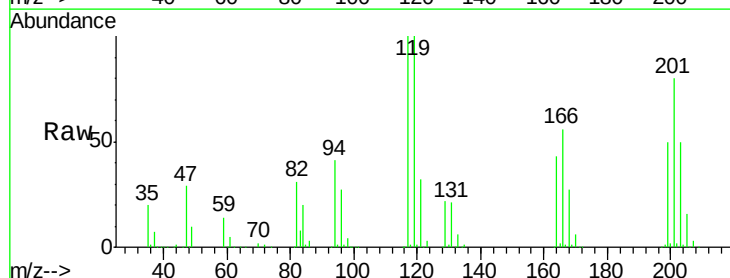
Manual Integrations
APPROVED

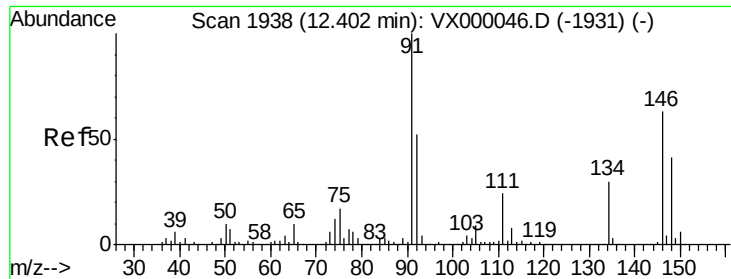
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#90
Hexachloroethane
Concen: 54.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000046.D
Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.5	130.7





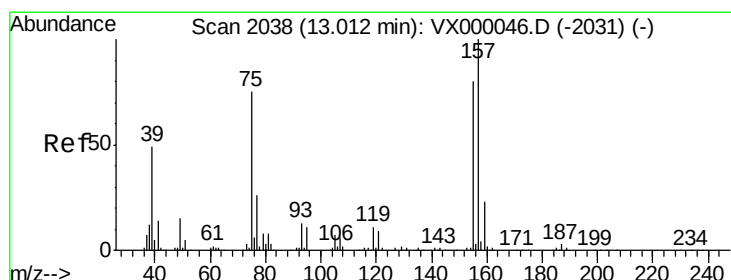
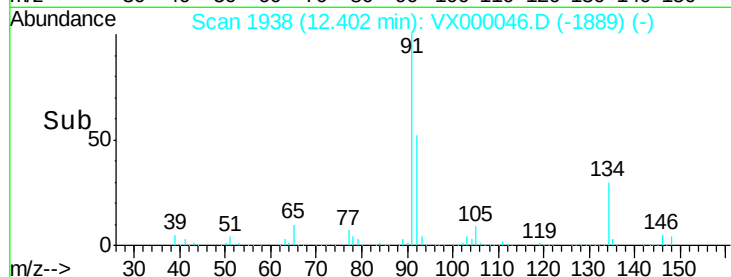
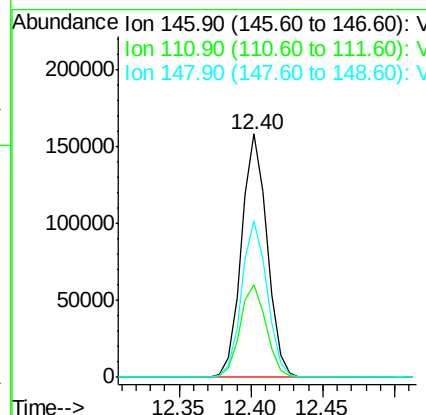
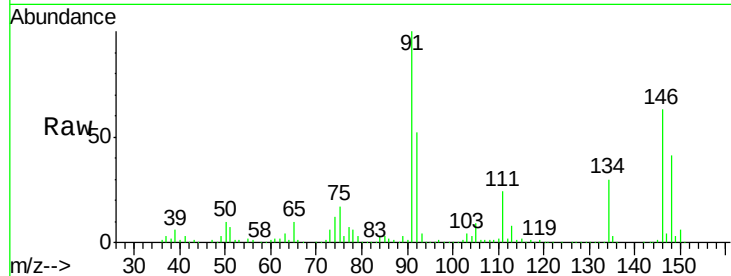
#91
 1,2-Dichlorobenzene
 Concen: 50.47 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196550		
111	38.8	19.4	58.2	
148	64.1	32.0	96.2	

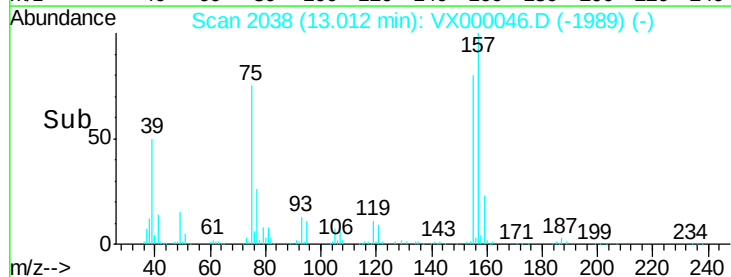
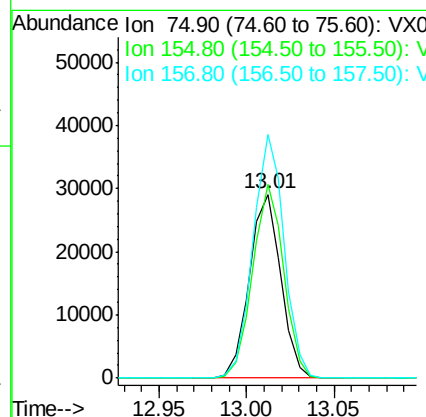
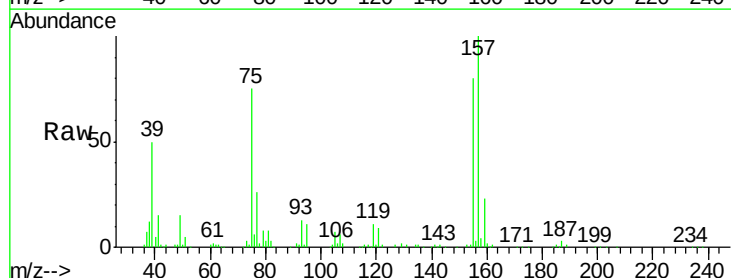
Manual Integrations
 APPROVED

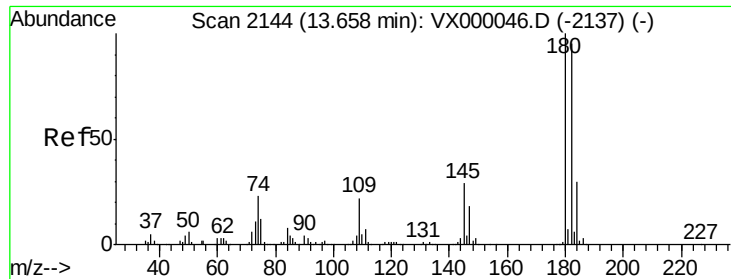
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.78 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36320		
155	104.0	52.0	156.0	
157	130.6	65.3	195.9	





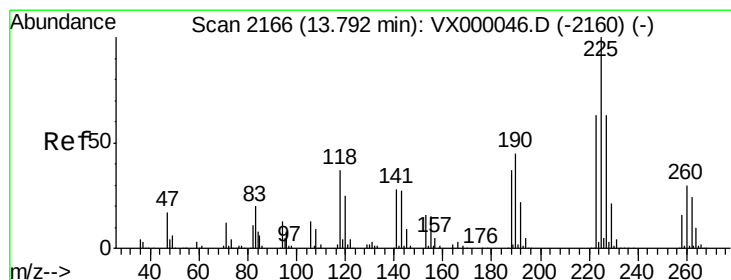
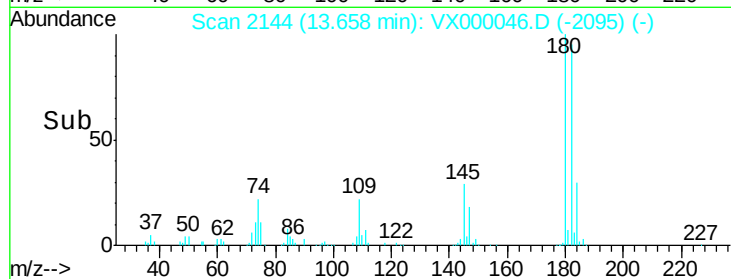
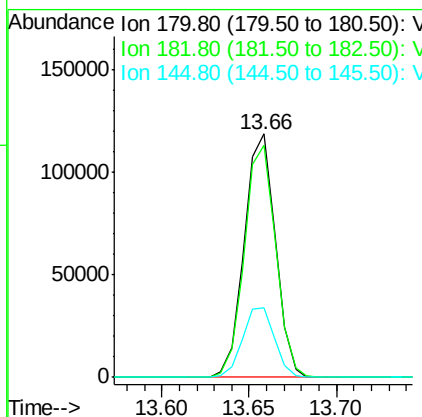
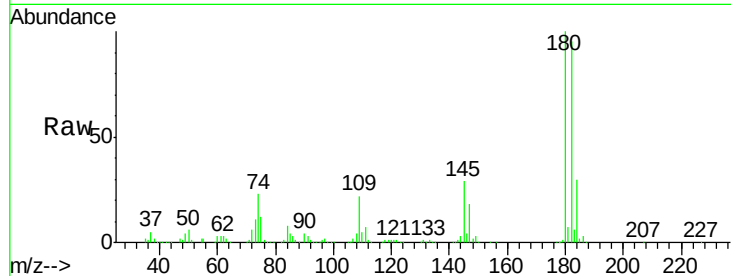
#93
 1,2,4-Trichlorobenzene
 Concen: 48.90 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Instrument :
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	146967		
182	96.0	48.0	144.0	
145	29.4	14.7	44.1	

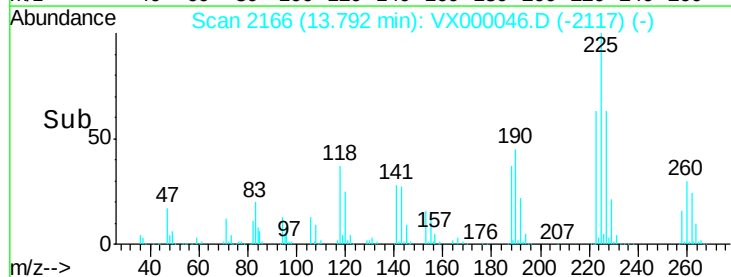
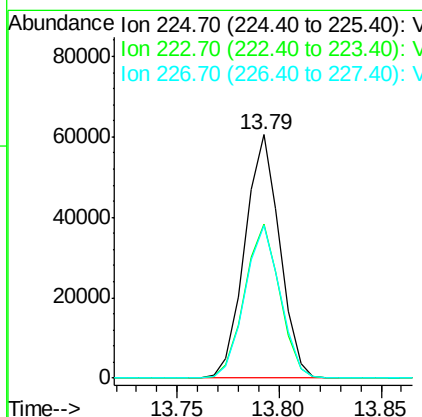
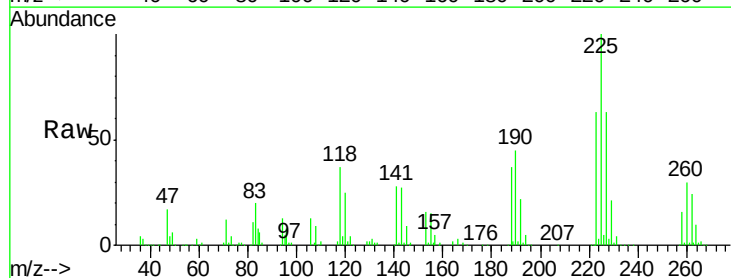
Manual Integrations
 APPROVED

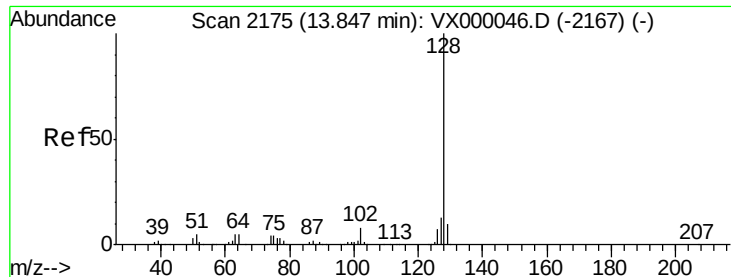
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#94
 Hexachlorobutadiene
 Concen: 52.12 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000046.D
 Acq: 09 Feb 2018 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71718		
223	63.7	31.9	95.5	
227	63.3	31.6	95.0	





#95

Naphthalene

Concen: 47.80 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.00 min

Lab File: VX000046.D

Acq: 09 Feb 2018 16:31

Instrument :

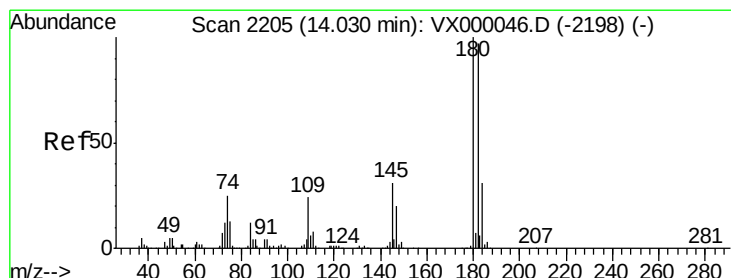
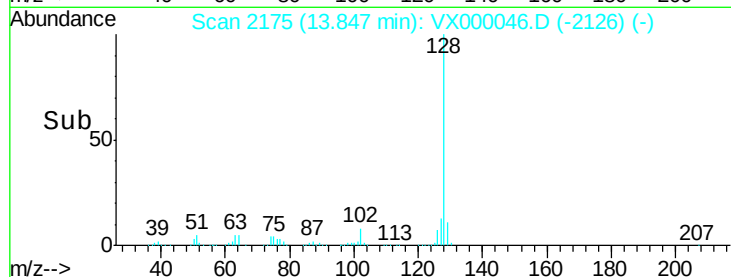
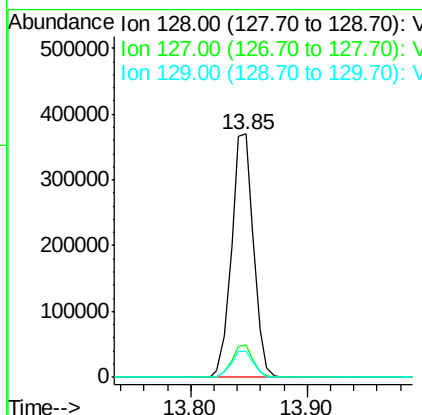
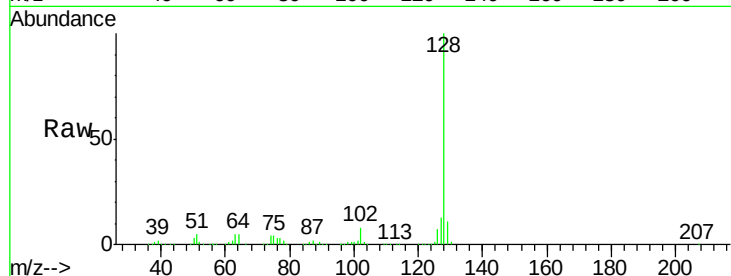
ClientSampled :

VSTDICCC050

Tgt Ion:	128	Resp:	482667
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 5:29:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.11 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000046.D

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Tgt Ion:	180	Resp:	144599
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.7
145	31.3	15.7	47.0

