

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000096.D
 Acq On : 15 Feb 2018 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 2/16/2018 3:40:16 PM

Quant Time: Feb 16 05:09:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	131801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	77068	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	64364	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.73	98	259902	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.15	95	103756	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66037	48.66	ug/l	99
3) Chloromethane	1.32	50	61697	46.35	ug/l	99
4) Vinyl Chloride	1.40	62	71740	48.38	ug/l	100
5) Bromomethane	1.64	94	62901	53.58	ug/l	99
6) Chloroethane	1.72	64	44458	44.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	121292	45.75	ug/l	100
8) Diethyl Ether	2.19	74	42025	45.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68458	46.20	ug/l	98
10) Methyl Iodide	2.51	142	78989	48.66	ug/l	98
11) Tert butyl alcohol	3.07	59	148952	234.84	ug/l	100
12) 1,1-Dichloroethene	2.38	96	62697	45.42	ug/l	96
13) Acrolein	2.29	56	65409	215.90	ug/l	98
14) Allyl chloride	2.73	41	110069	47.63	ug/l	99
15) Acrylonitrile	3.15	53	250751	231.49	ug/l	100
16) Acetone	2.45	43	252266	236.32	ug/l	99
17) Carbon Disulfide	2.57	76	182792	44.98	ug/l	98
18) Methyl Acetate	2.78	43	118455	47.32	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	220543	46.55	ug/l	99
20) Methylene Chloride	2.86	84	65325	48.03	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68756	45.95	ug/l	95
22) Diisopropyl ether	3.88	45	207382	51.37	ug/l	96
23) Vinyl Acetate	3.83	43	985775	262.74	ug/l	100
24) 1,1-Dichloroethane	3.70	63	116121	48.55	ug/l	99
25) 2-Butanone	4.71	43	355187	238.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	98208	47.23	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	66785	46.85	ug/l	97
28) Bromochloromethane	5.03	49	51493	48.01	ug/l	96
29) Tetrahydrofuran	5.17	42	231165	238.21	ug/l	99
30) Chloroform	5.23	83	118411	47.04	ug/l	97
31) Cyclohexane	5.59	56	99681	48.47	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	112146	48.41	ug/l	100
36) 1,1-Dichloropropene	5.81	75	92064	48.35	ug/l	99
37) Ethyl Acetate	4.87	43	122540	46.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	101255	49.22	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000096.D
 Acq On : 15 Feb 2018 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 2/16/2018 3:40:16 PM

Quant Time: Feb 16 05:09:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	116020	50.60	ug/l	98
40) Benzene	6.15	78	260738	47.92	ug/l	100
41) Methacrylonitrile	5.07	41	62649	49.89	ug/l	98
42) 1,2-Dichloroethane	6.21	62	96750	48.46	ug/l	100
43) Isopropyl Acetate	6.48	43	182053	48.25	ug/l	100
44) Trichloroethene	7.22	130	79235	49.45	ug/l	97
45) 1,2-Dichloropropane	7.53	63	64776	48.58	ug/l	99
46) Dibromomethane	7.67	93	50803	48.83	ug/l	99
47) Bromodichloromethane	7.91	83	96726	50.33	ug/l	98
48) Methyl methacrylate	7.79	41	89264	48.27	ug/l	100
49) 1,4-Dioxane	7.77	88	48318	996.41	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	685855	248.70	ug/l	100
52) Toluene	8.79	92	183177	50.40	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	114570	50.69	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	114307	50.94	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	74363	49.47	ug/l	96
56) Ethyl methacrylate	9.19	69	119291	51.71	ug/l	99
57) 1,3-Dichloropropane	9.38	76	119185	49.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	280530	240.61	ug/l	99
59) 2-Hexanone	9.51	43	596252	255.36	ug/l	100
60) Dibromochloromethane	9.59	129	87130	51.17	ug/l	96
61) 1,2-Dibromoethane	9.68	107	84895	50.89	ug/l	100
64) Tetrachloroethene	9.34	164	77311	49.93	ug/l	98
65) Chlorobenzene	10.15	112	219331	48.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	78599	50.05	ug/l	98
67) Ethyl Benzene	10.26	91	370692	49.20	ug/l	98
68) m/p-Xylenes	10.37	106	299379	100.34	ug/l	99
69) o-Xylene	10.71	106	142245	49.43	ug/l	98
70) Styrene	10.72	104	239906	50.99	ug/l	100
71) Bromoform	10.87	173	74994	52.58	ug/l #	100
73) Isopropylbenzene	11.02	105	387457	47.94	ug/l	100
74) N-amyl acetate	6.48	43	182053	44.59	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	130104	46.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	143045m	54.15	ug/l	
77) Bromobenzene	11.26	156	105332	48.09	ug/l	99
78) n-propylbenzene	11.37	91	458880	48.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	260721	47.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	336107	49.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	46900	50.56	ug/l	100
82) 4-Chlorotoluene	11.52	91	314545	47.69	ug/l	99
83) tert-Butylbenzene	11.78	119	331958	48.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	347533	48.99	ug/l	100
85) sec-Butylbenzene	11.96	105	414392	48.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	379127	49.51	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	202738	48.24	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	207528	47.80	ug/l	100
89) n-Butylbenzene	12.40	91	356508	49.37	ug/l	99
90) Hexachloroethane	12.60	117	62845	50.41	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	197814	47.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39791	50.93	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
Data File : VX000096.D
Acq On : 15 Feb 2018 10:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDCCC050

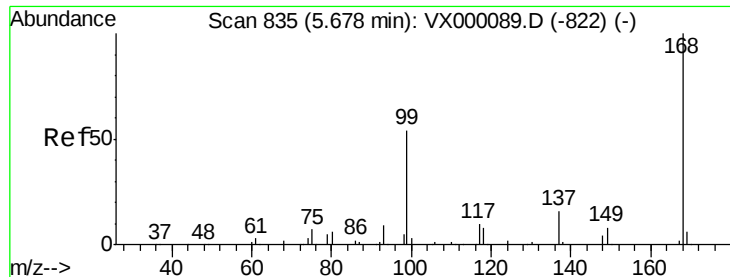
Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM

Quant Time: Feb 16 05:09:04 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	152393	49.11	ug/l	100
94) Hexachlorobutadiene	13.79	225	68403	50.52	ug/l	97
95) Naphthalene	13.85	128	511181	48.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	147678	48.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 131801

Ion Ratio Lower Upper

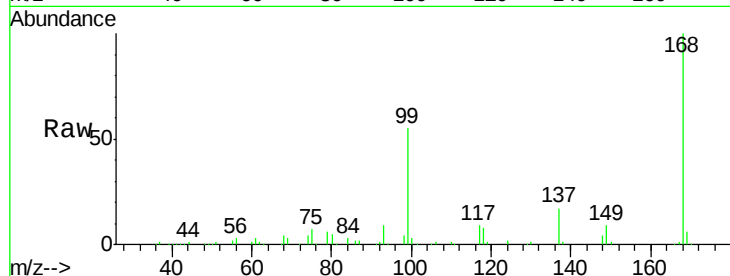
168 100

99 54.6 43.1 64.7

Manual Integrations
APPROVED

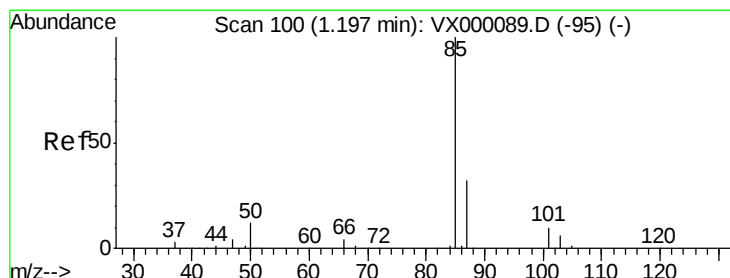
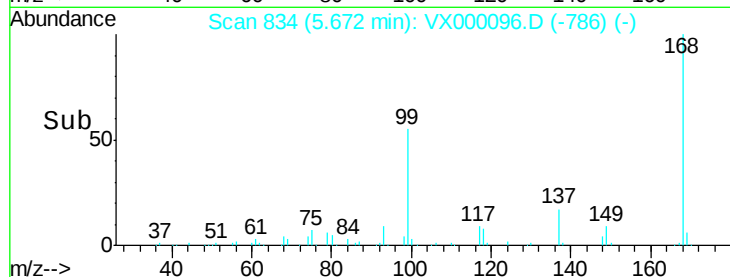
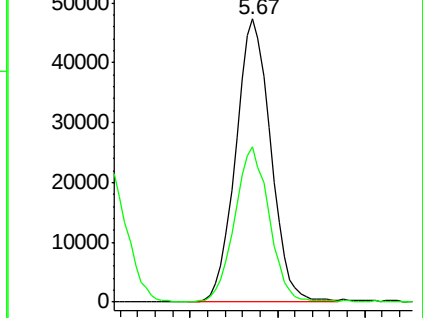
sam

2/16/2018 3:40:16 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.66 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000096.D

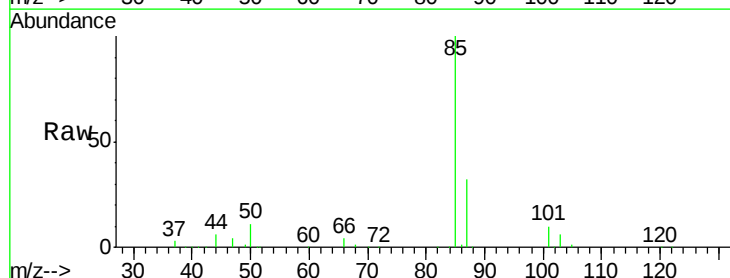
Acq: 15 Feb 2018 10:48

Tgt Ion: 85 Resp: 66037

Ion Ratio Lower Upper

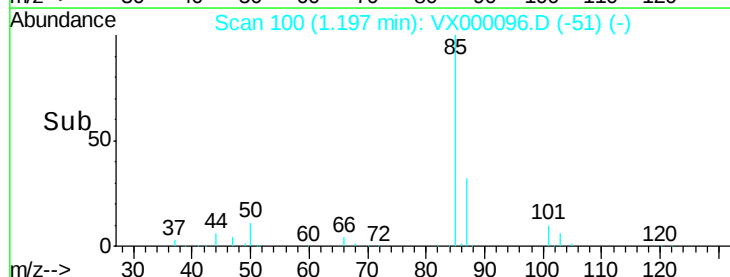
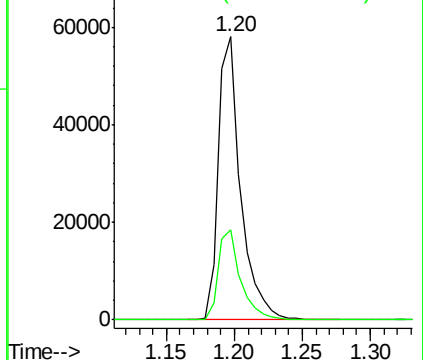
85 100

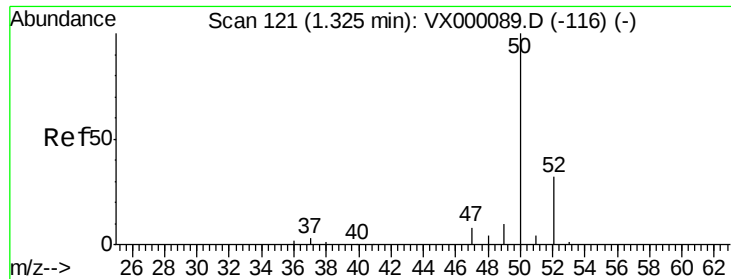
87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.35 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 61697

Ion Ratio Lower Upper

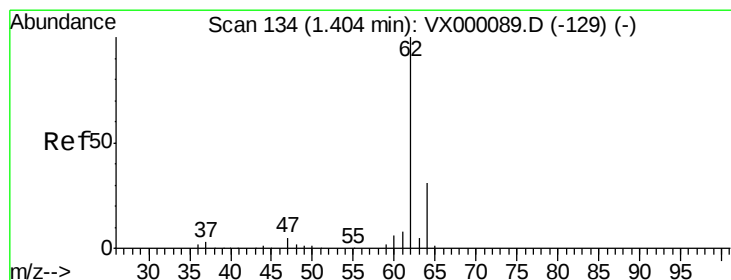
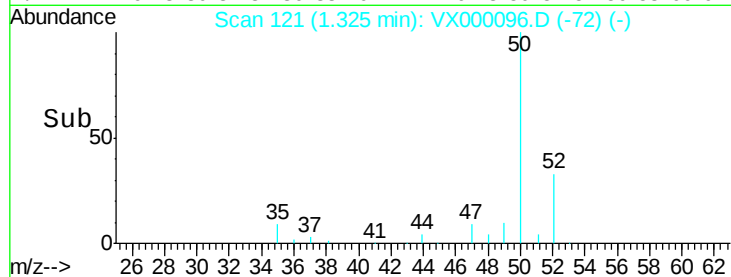
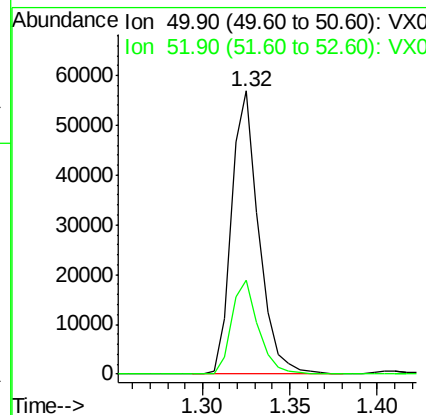
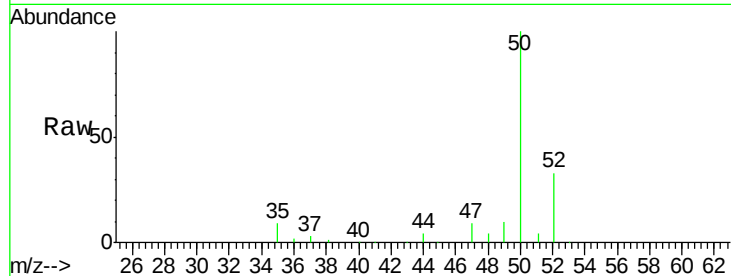
50 100

52 33.2 25.9 38.9

Manual Integrations
APPROVED

sam

2/16/2018 3:40:16 PM



#4

Vinyl Chloride

Concen: 48.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000096.D

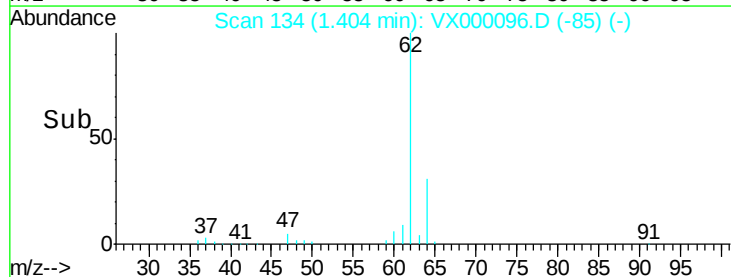
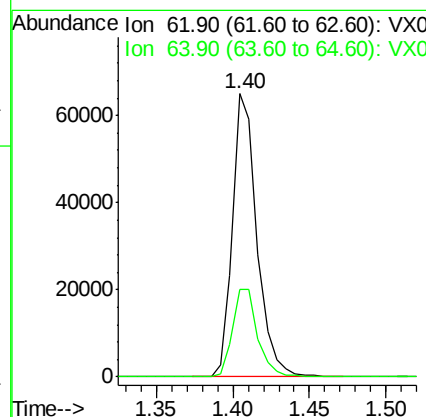
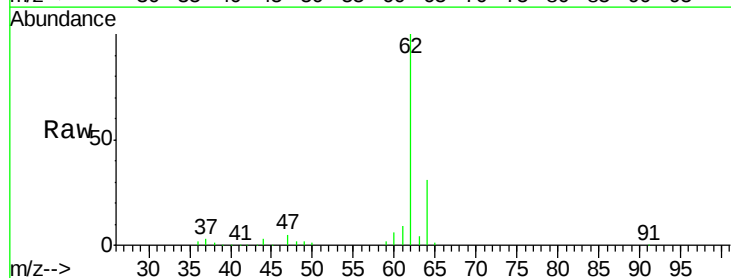
Acq: 15 Feb 2018 10:48

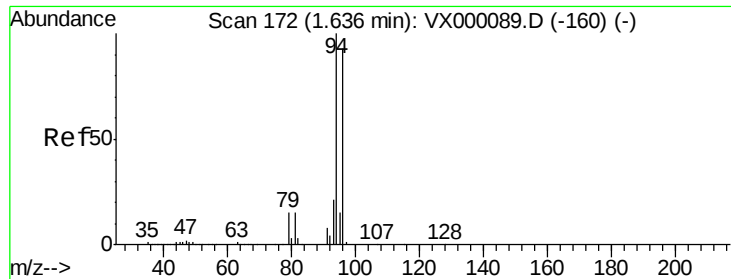
Tgt Ion: 62 Resp: 71740

Ion Ratio Lower Upper

62 100

64 30.9 24.6 37.0





#5

Bromomethane

Concen: 53.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 62901

Ion Ratio Lower Upper

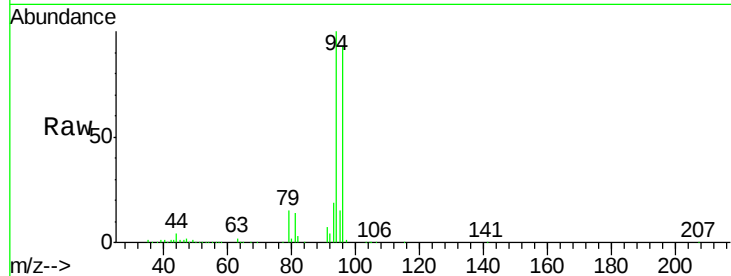
94 100

96 92.5 74.6 112.0

Manual Integrations
APPROVED

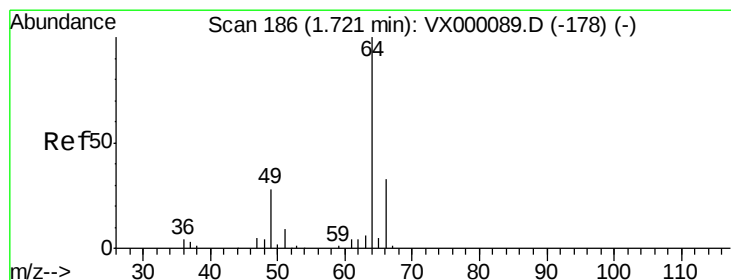
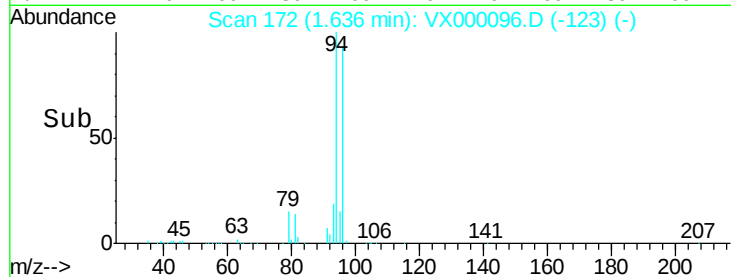
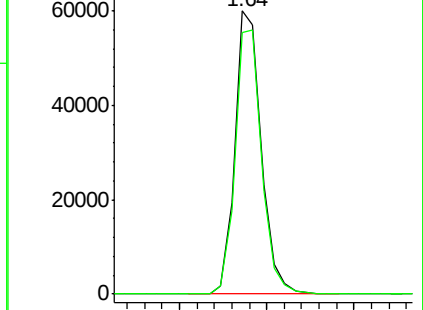
sam

2/16/2018 3:40:16 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000096.D

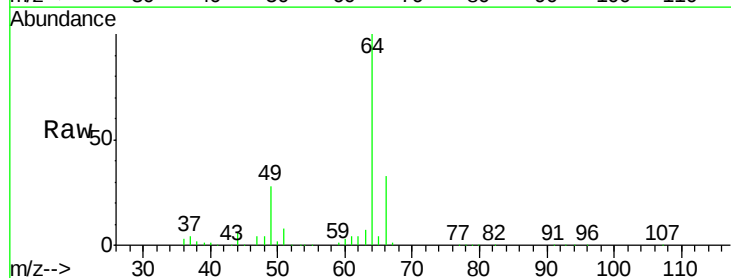
Acq: 15 Feb 2018 10:48

Tgt Ion: 64 Resp: 44458

Ion Ratio Lower Upper

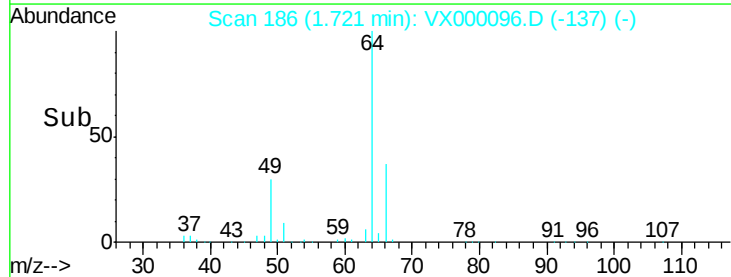
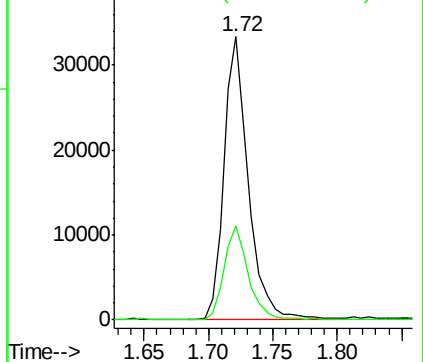
64 100

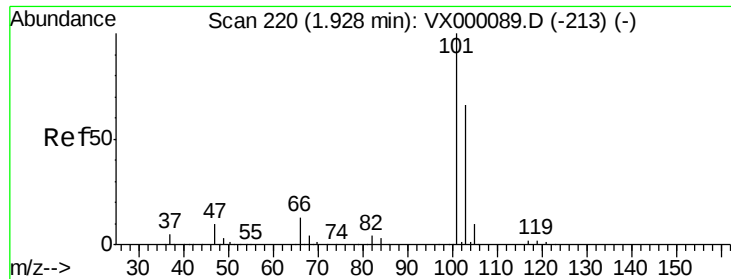
66 33.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

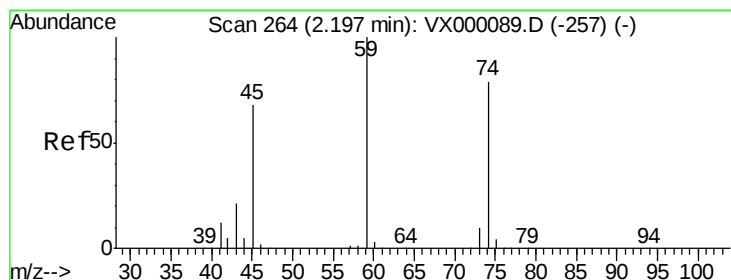
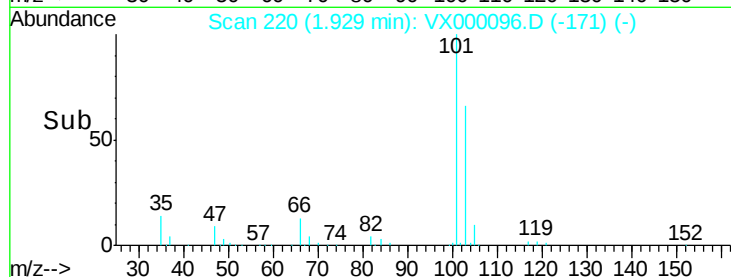
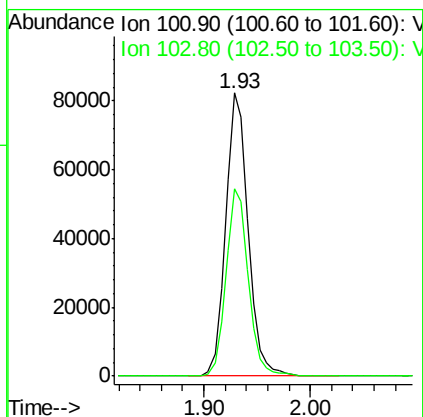
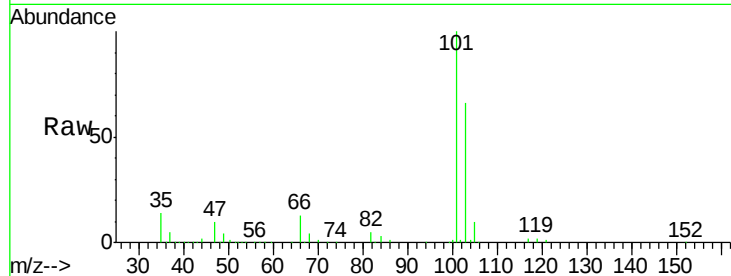
Trichlorofluoromethane
Concen: 45.75 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 121292
Ion Ratio Lower Upper
101 100
103 66.1 52.7 79.1

Manual Integrations
APPROVED

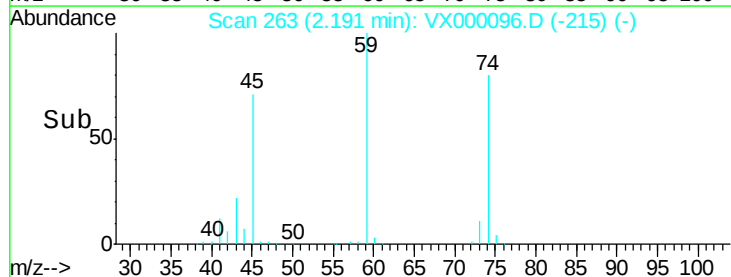
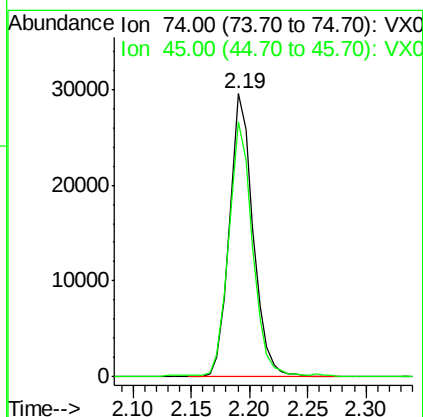
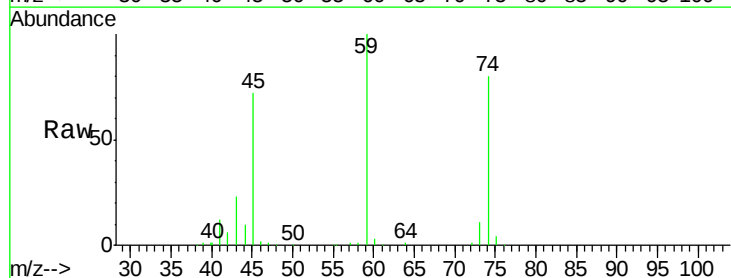
sam
2/16/2018 3:40:16 PM

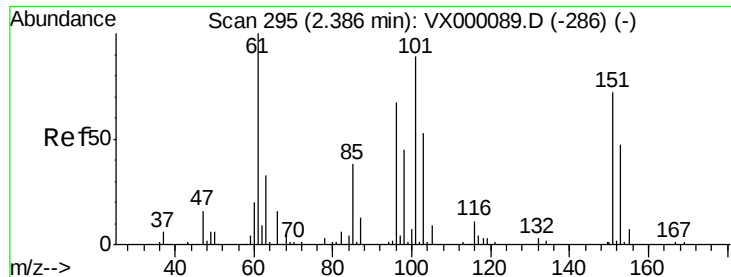


#8

Diethyl Ether
Concen: 45.93 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 74 Resp: 42025
Ion Ratio Lower Upper
74 100
45 91.4 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.20 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

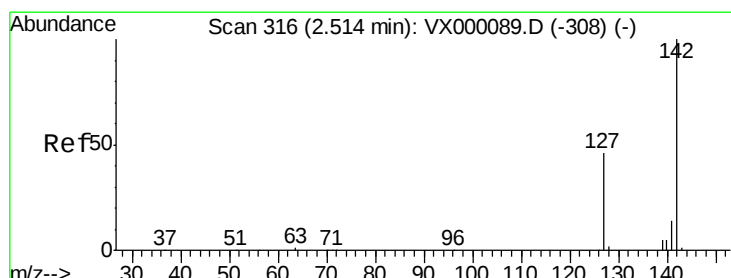
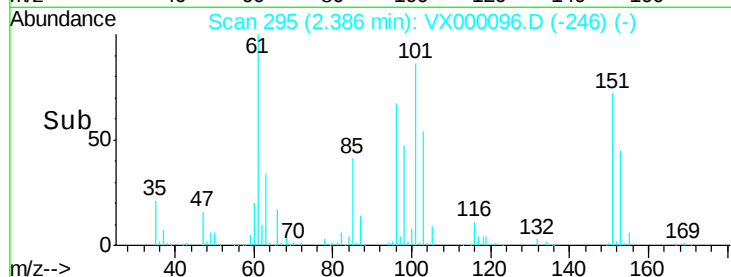
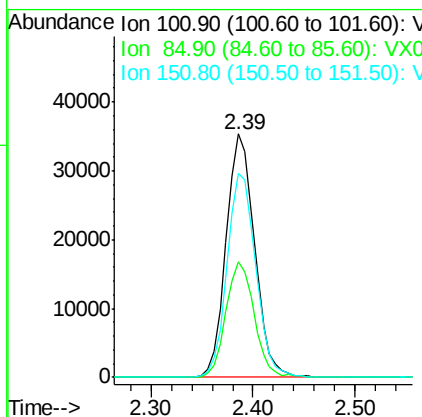
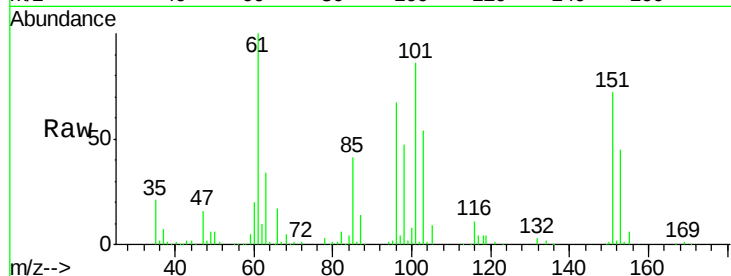
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	68458		
85	47.1	36.7	55.1	
151	84.2	65.8	98.6	

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#10

Methyl Iodide

Concen: 48.66 ug/l

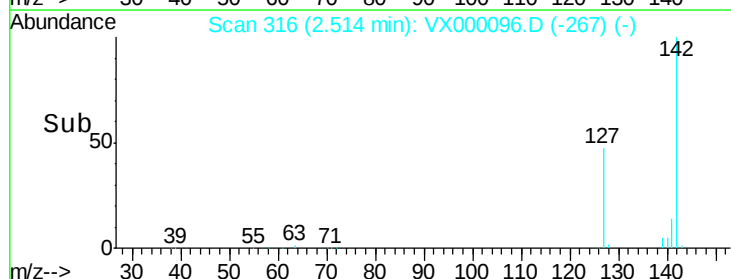
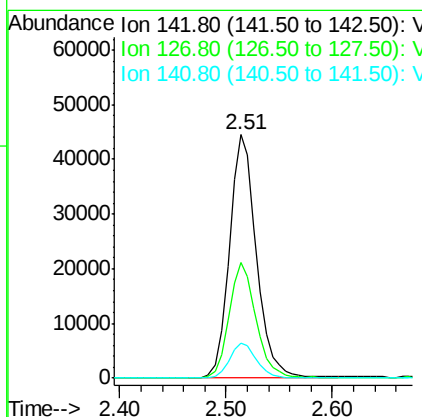
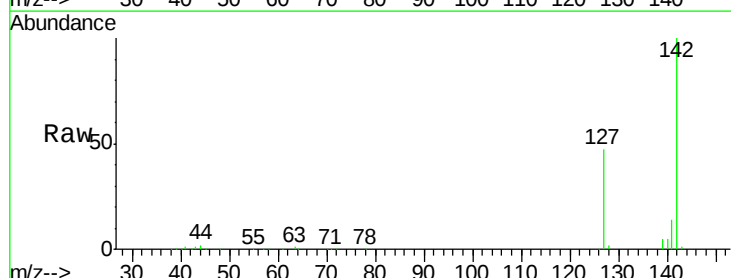
RT: 2.51 min Scan# 316

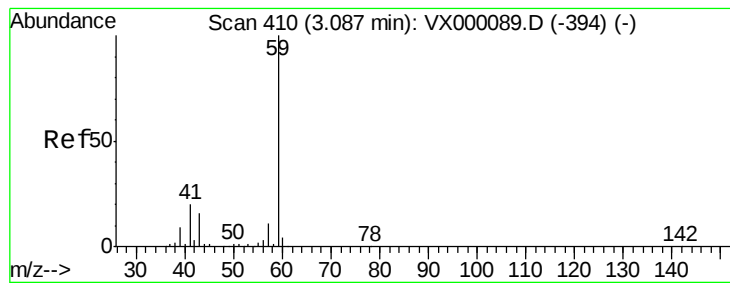
Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	78989		
127	47.6	36.8	55.2	
141	14.3	11.6	17.4	





#11

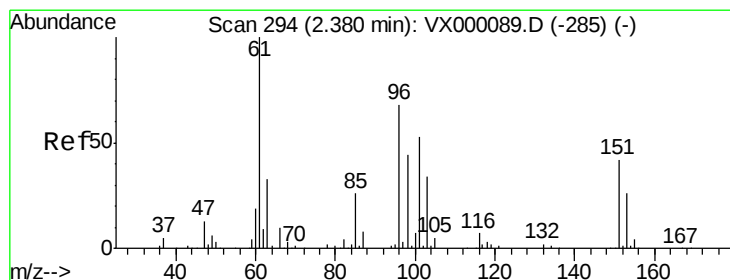
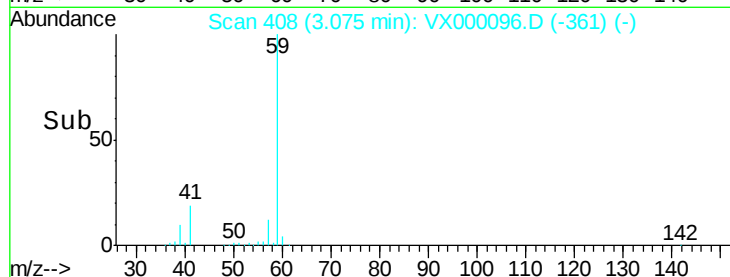
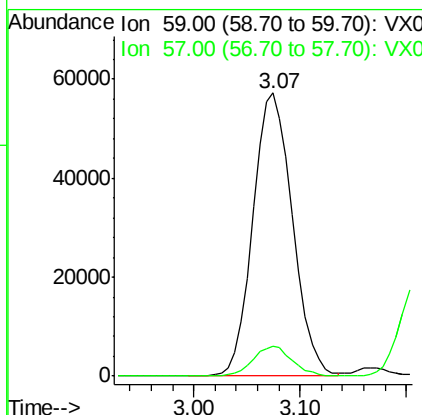
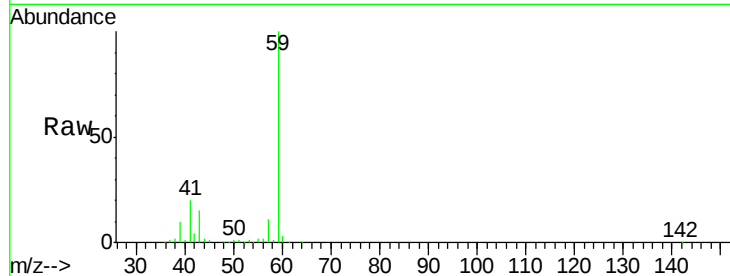
Tert butyl alcohol
 Concen: 234.84 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion: 59 Resp: 148952
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

Manual Integrations
 APPROVED

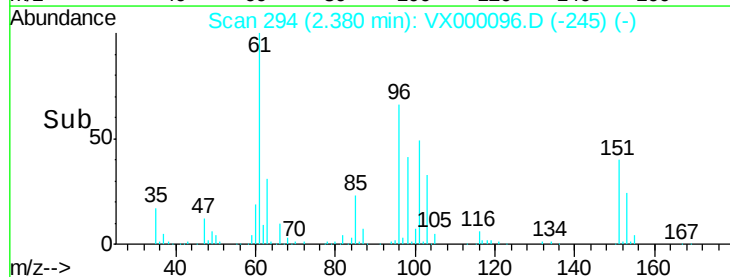
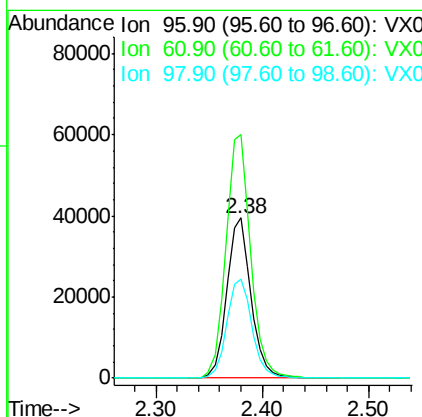
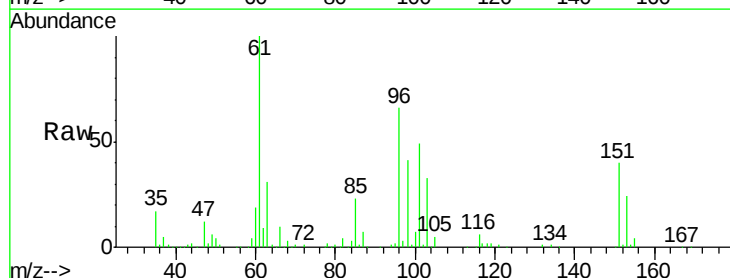
sam
 2/16/2018 3:40:16 PM

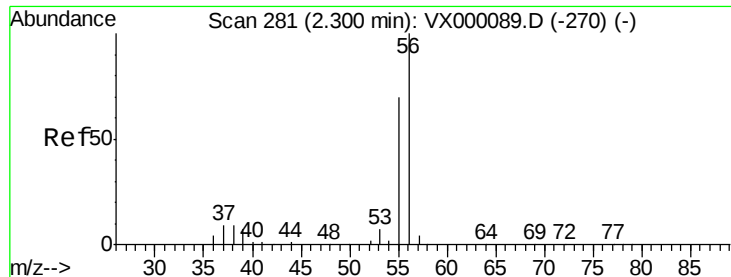


#12

1,1-Dichloroethene
 Concen: 45.42 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 96 Resp: 62697
 Ion Ratio Lower Upper
 96 100
 61 152.0 117.7 176.5
 98 62.0 51.3 76.9





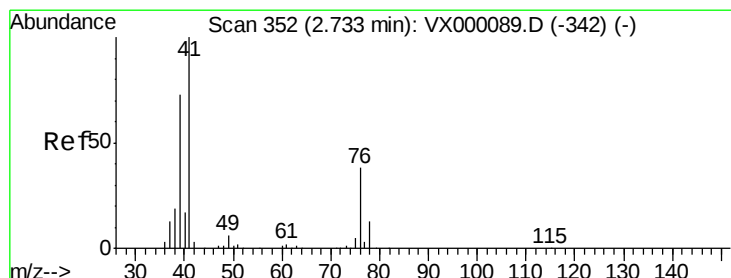
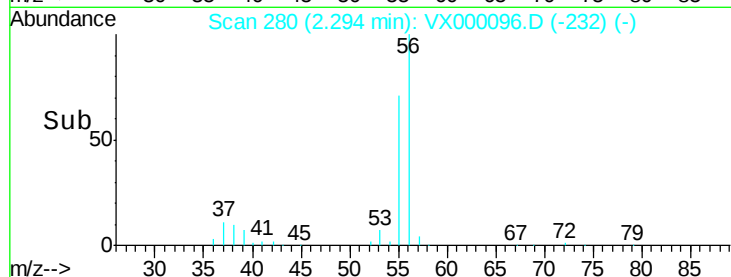
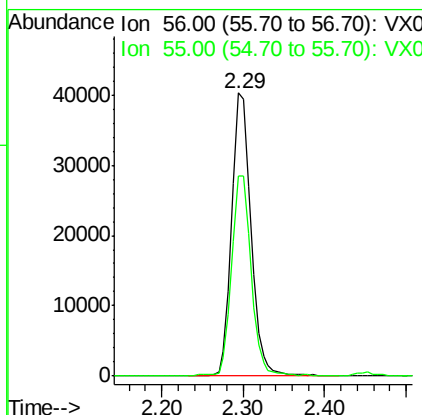
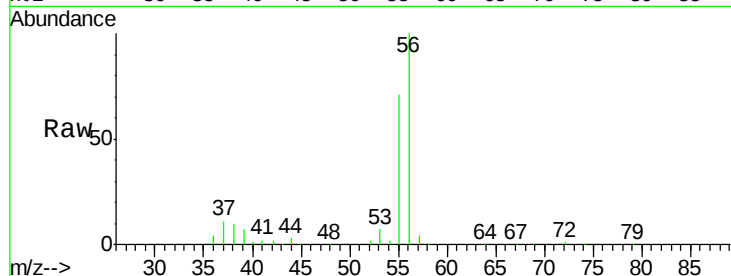
#13
Acrolein
Concen: 215.90 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion: 56 Resp: 65409
Ion Ratio Lower Upper
56 100
55 71.8 56.2 84.4

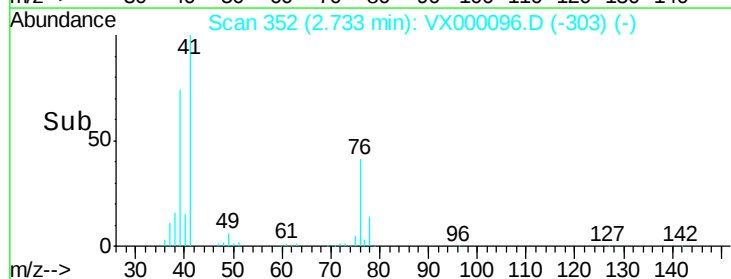
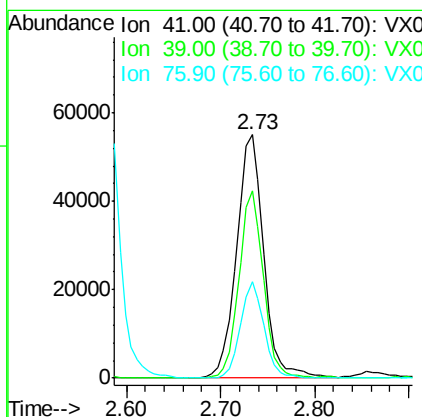
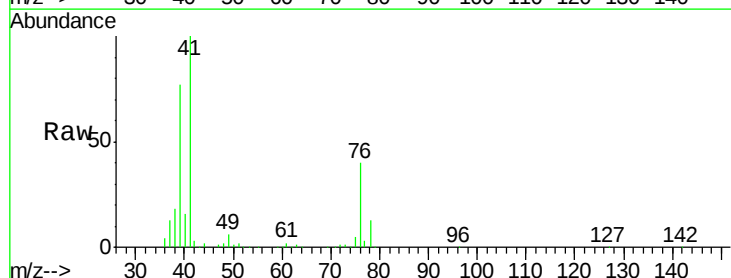
Manual Integrations
APPROVED

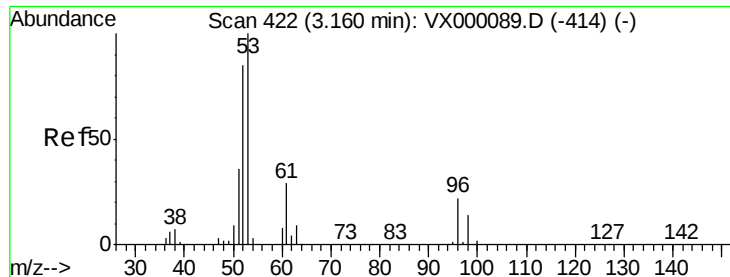
sam
2/16/2018 3:40:16 PM



#14
Allyl chloride
Concen: 47.63 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 41 Resp: 110069
Ion Ratio Lower Upper
41 100
39 68.9 55.1 82.7
76 34.2 28.5 42.7





#15

Acrylonitrile

Concen: 231.49 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

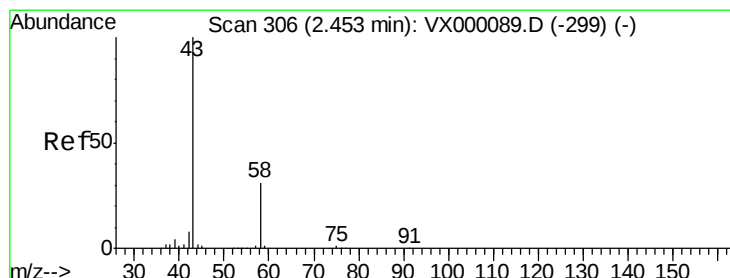
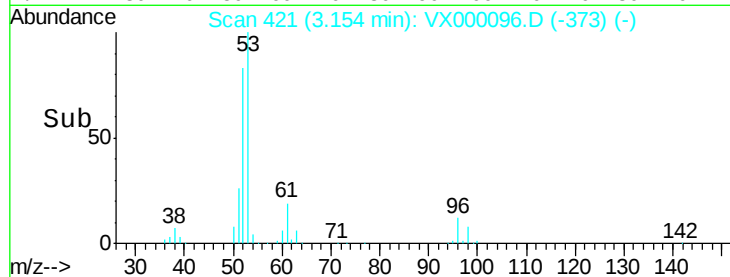
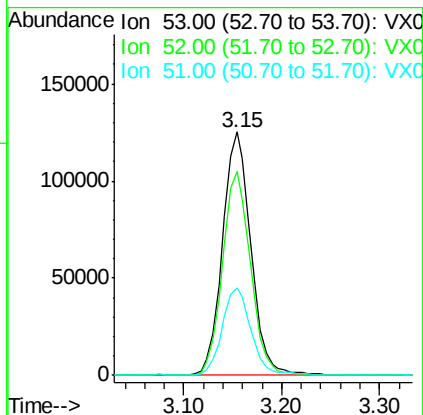
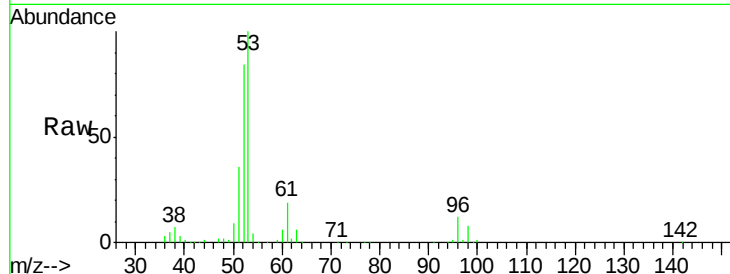
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	250751
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.5	99.7
51	36.8	29.0	43.6

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#16

Acetone

Concen: 236.32 ug/l

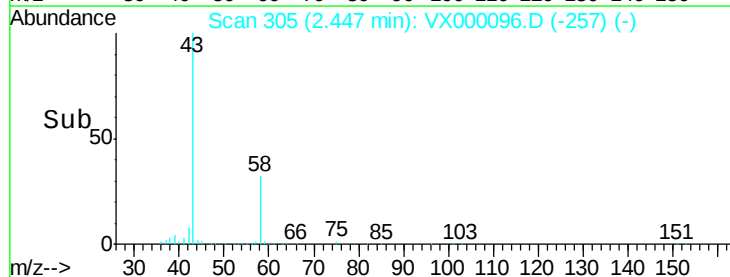
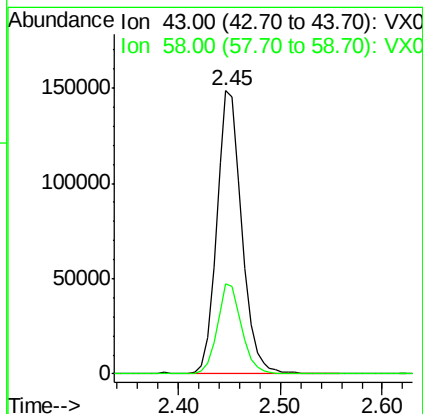
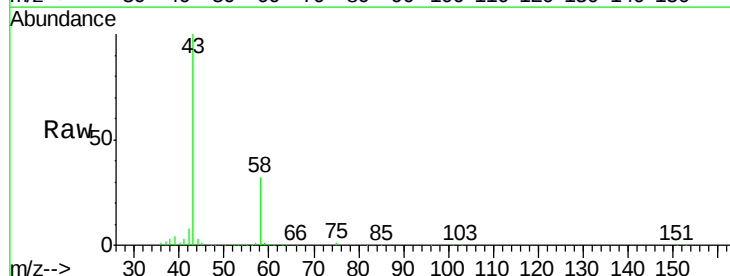
RT: 2.45 min Scan# 305

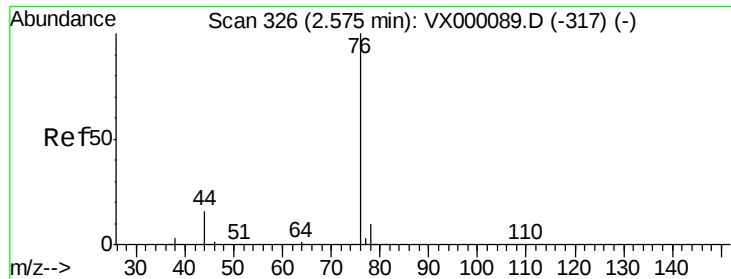
Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion:	43	Resp:	252266
Ion Ratio	Lower	Upper	
43	100		
58	31.9	25.0	37.4





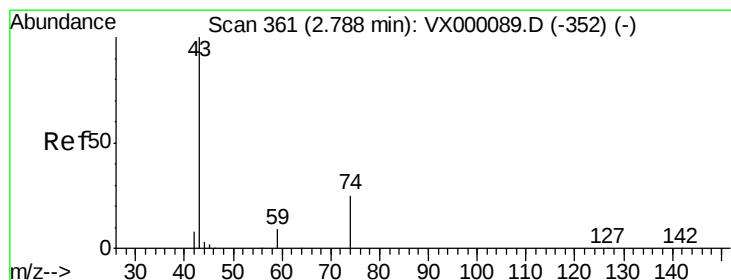
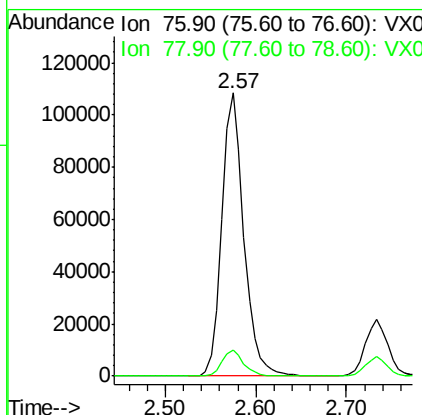
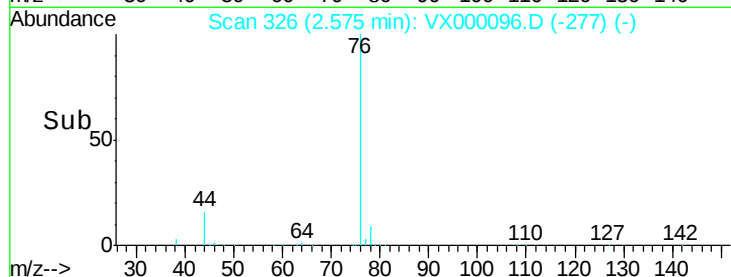
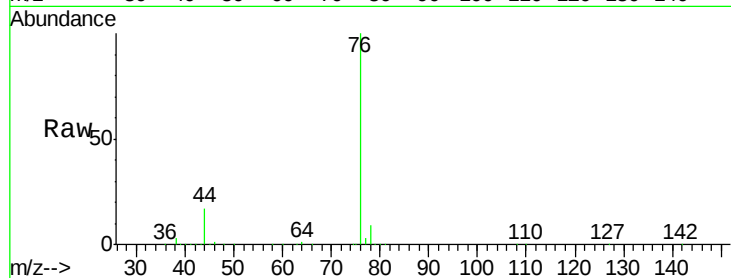
#17
Carbon Disulfide
Concen: 44.98 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.8	11.8

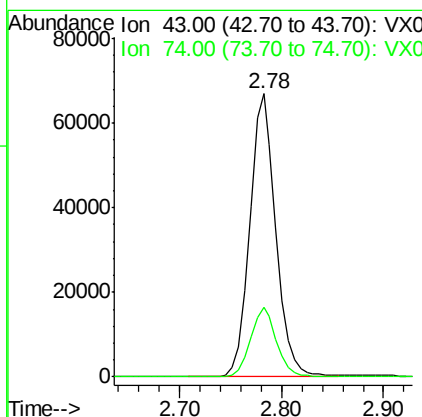
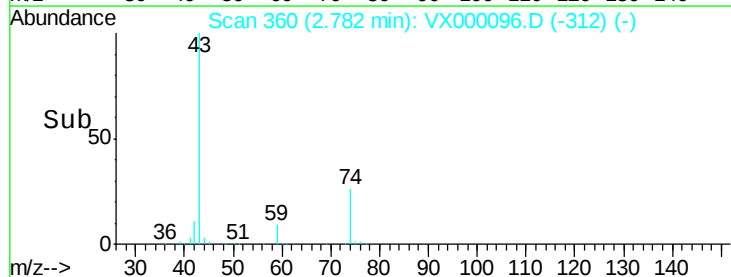
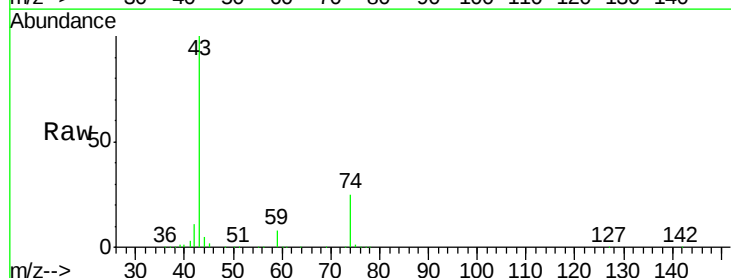
Manual Integrations
APPROVED

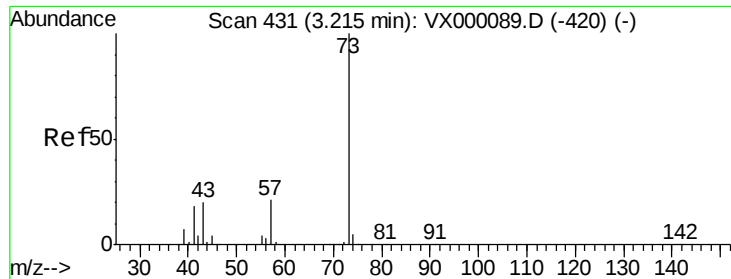
sam
2/16/2018 3:40:16 PM



#18
Methyl Acetate
Concen: 47.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	20.2	30.4





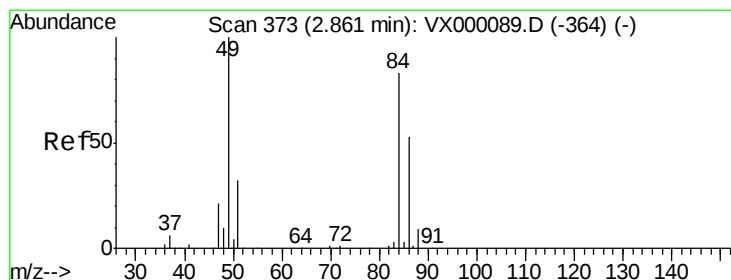
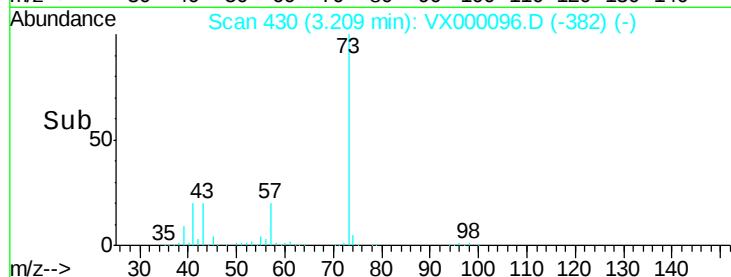
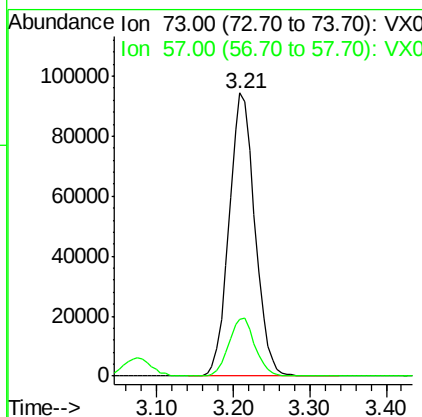
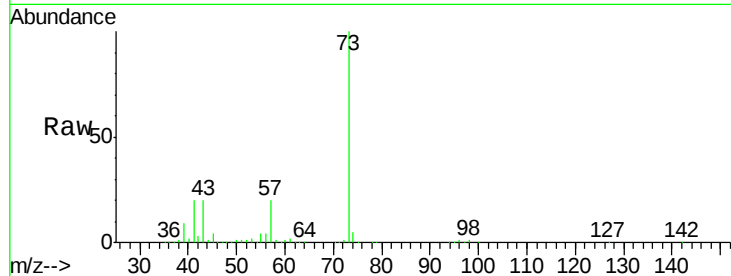
#19
Methvl tert-butvl Ether
Concen: 46.55 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 220543
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6

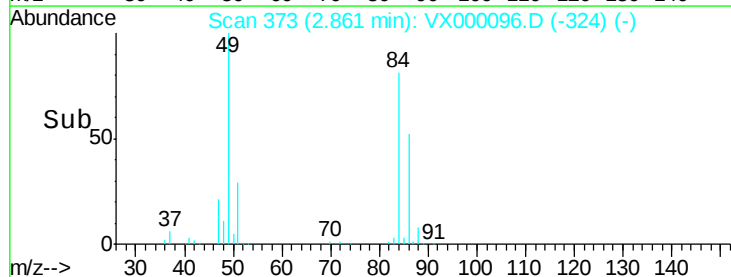
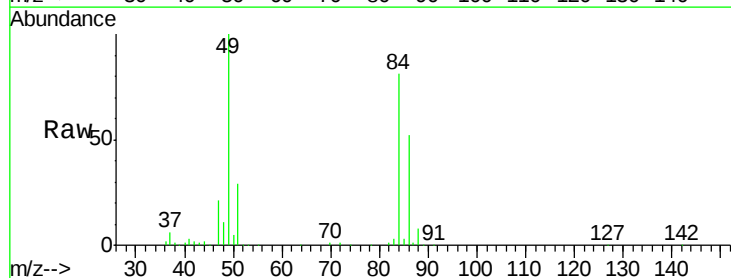
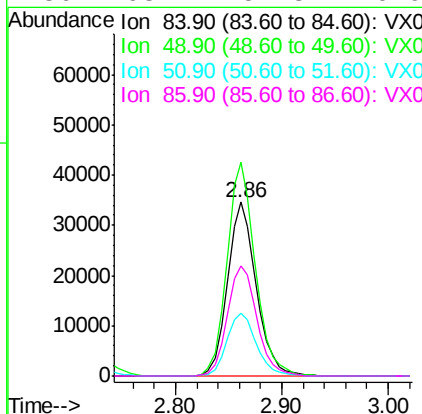
Manual Integrations
APPROVED

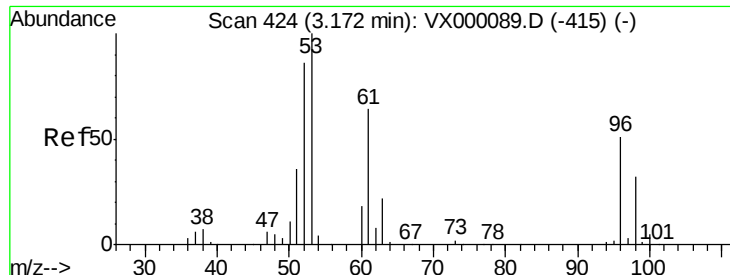
sam
2/16/2018 3:40:16 PM



#20
Methylene Chloride
Concen: 48.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 84 Resp: 65325
Ion Ratio Lower Upper
84 100
49 123.1 96.1 144.1
51 35.9 30.5 45.7
86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

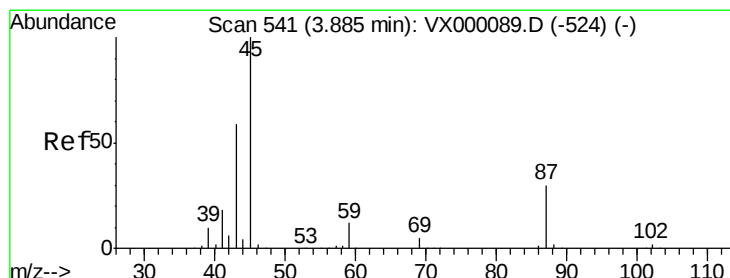
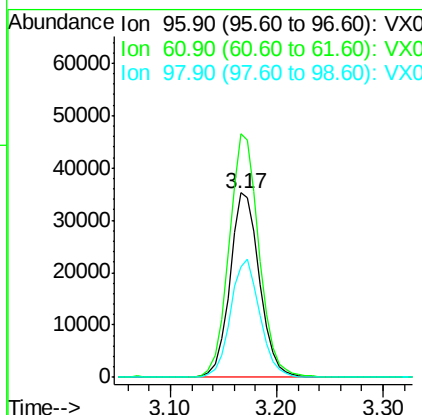
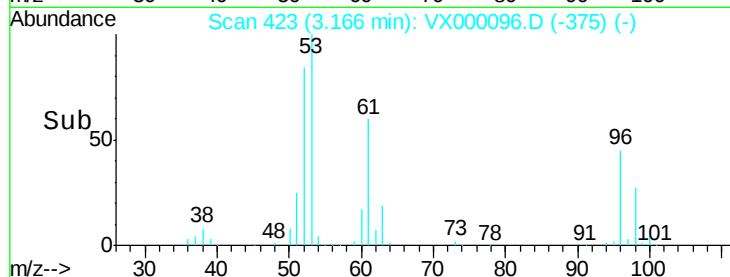
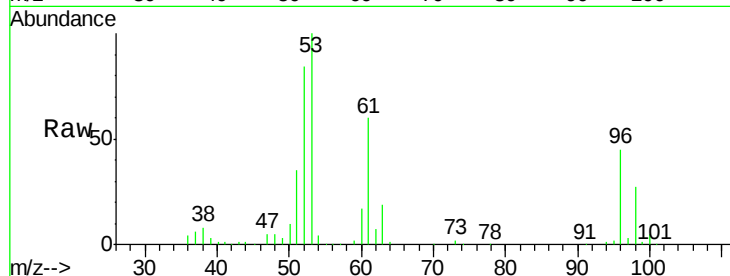
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	68756
Ion	Ratio	Lower	Upper
96	100		
61	132.0	100.3	150.5
98	59.8	50.6	75.8

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#22

Diisopropyl ether

Concen: 51.37 ug/l

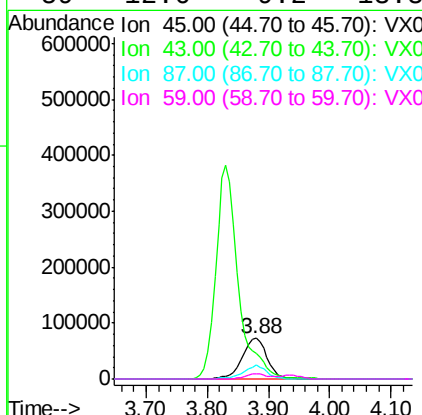
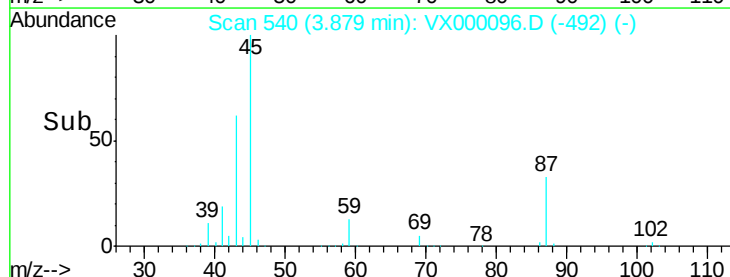
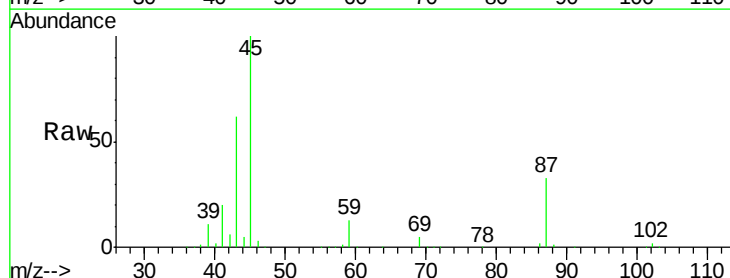
RT: 3.88 min Scan# 540

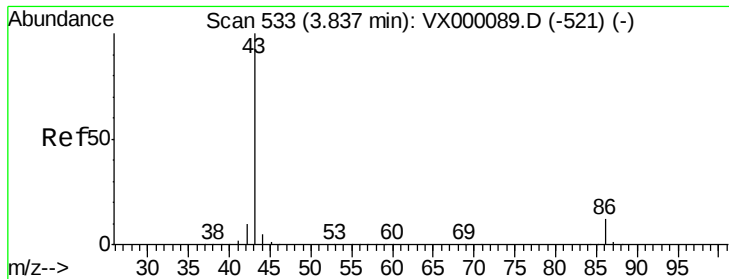
Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion:	45	Resp:	207382
Ion	Ratio	Lower	Upper
45	100		
43	61.4	47.4	71.2
87	33.2	24.2	36.2
59	12.6	9.2	13.8





#23

Vinyl Acetate

Concen: 262.74 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 985775

Ion Ratio Lower Upper

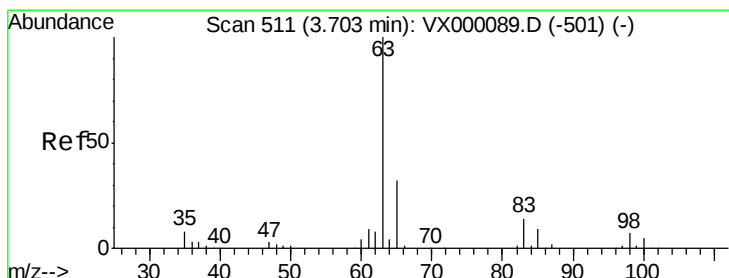
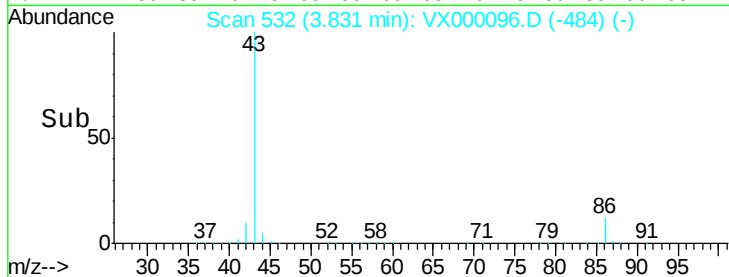
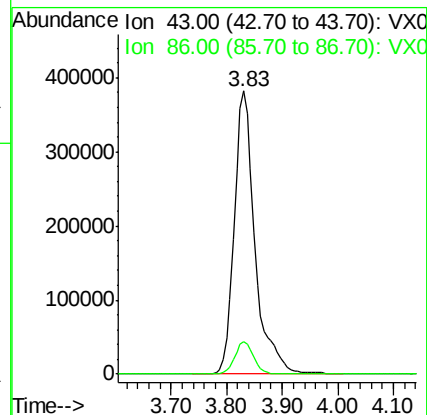
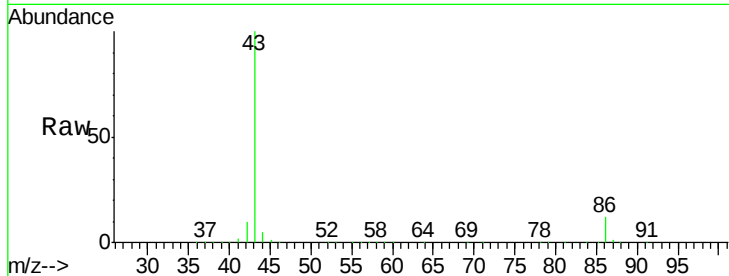
43 100

86 11.6 9.4 14.0

Manual Integrations
APPROVED

sam

2/16/2018 3:40:16 PM



#24

1,1-Dichloroethane

Concen: 48.55 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

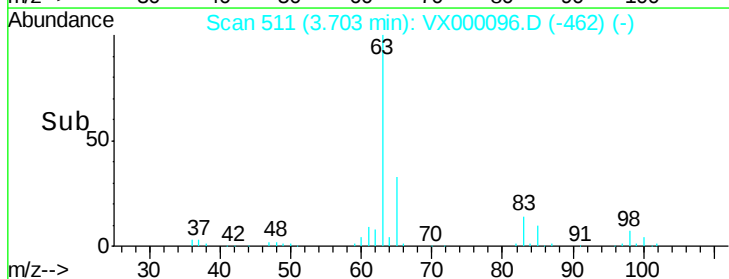
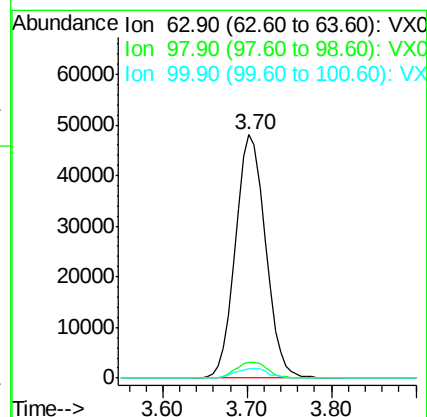
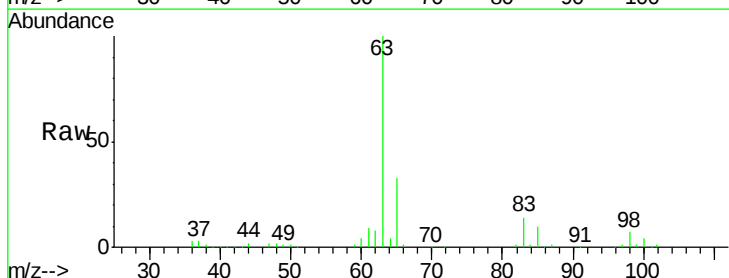
Tgt Ion: 63 Resp: 116121

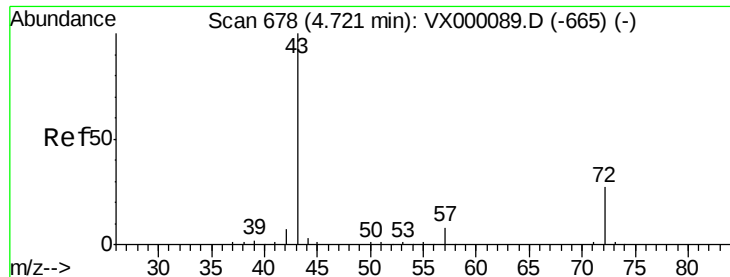
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 238.34 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tot Ion: 43 Resp: 355187

Ion Ratio Lower Upper

43 100

72 27.4 21.3 31.9

Instrument :

ClientSampled :

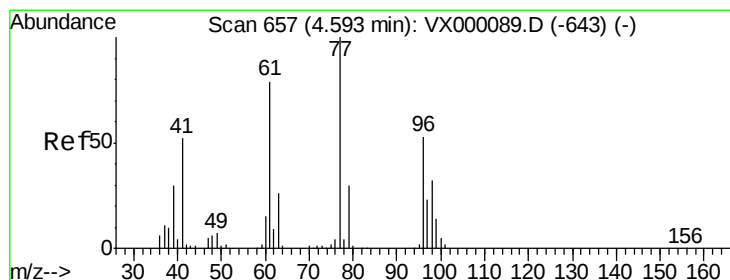
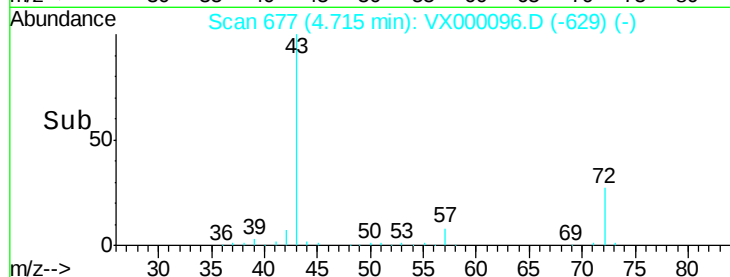
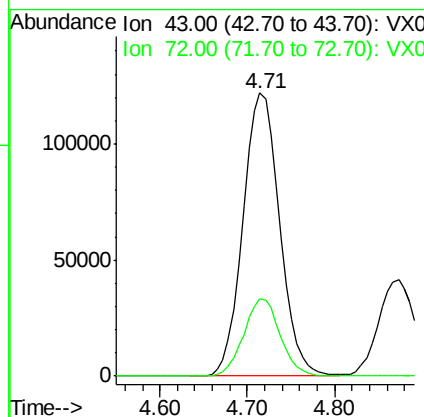
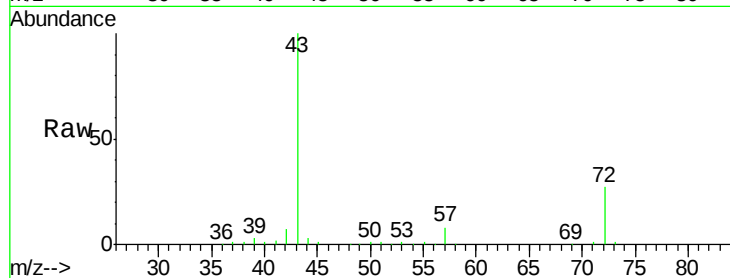
VSTDCCC050

Manual Integrations

APPROVED

sam

2/16/2018 3:40:16 PM



#26

2,2-Dichloropropane

Concen: 47.23 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000096.D

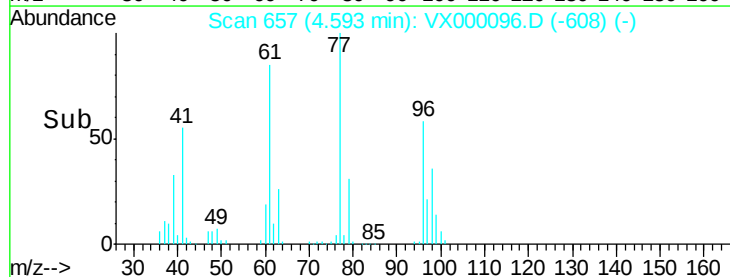
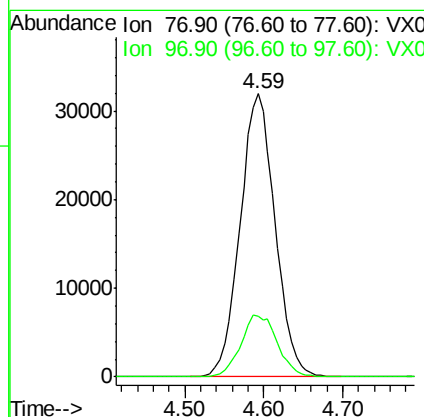
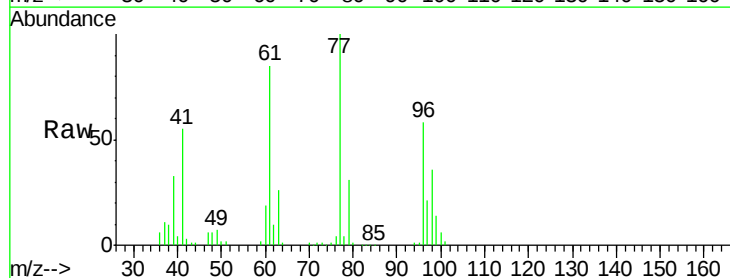
Acq: 15 Feb 2018 10:48

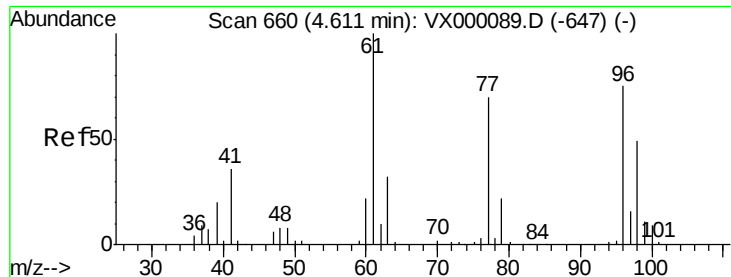
Tgt Ion: 77 Resp: 98208

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

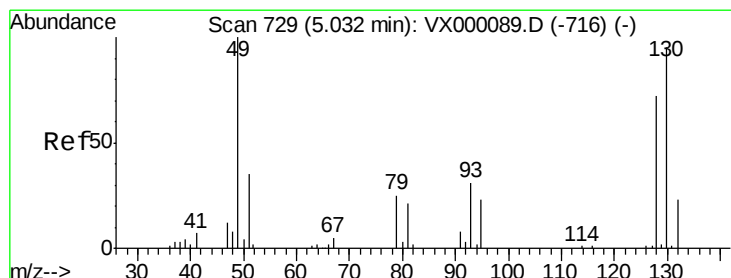
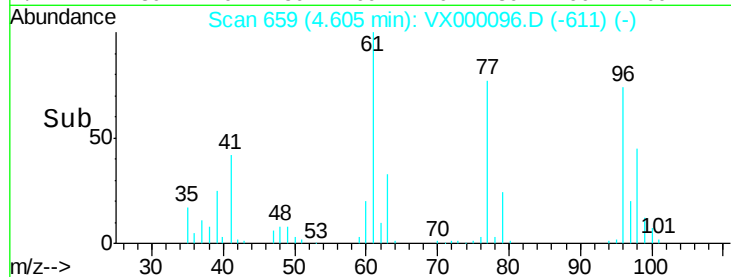
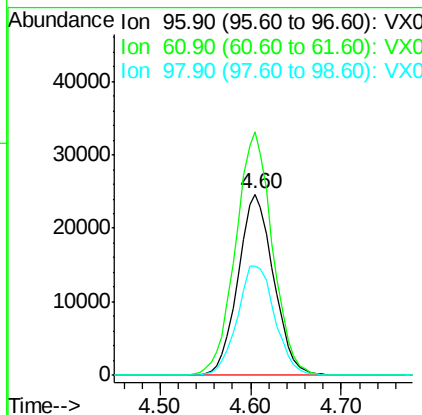
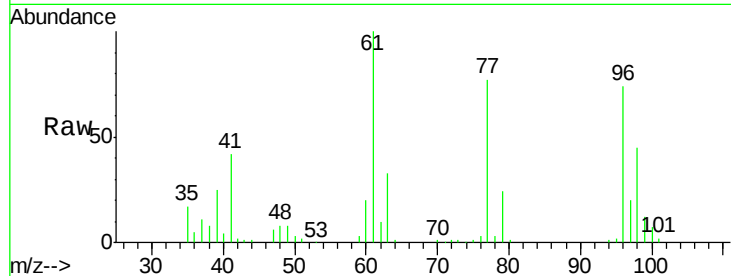
cis-1,2-Dichloroethene
Concen: 46.85 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	66785		
61	139.7	0.0	285.6	
98	63.8	0.0	131.8	

Manual Integrations
APPROVED

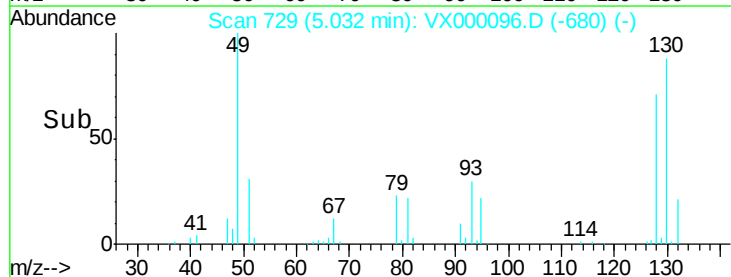
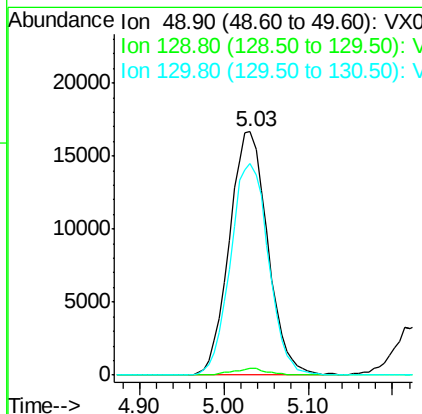
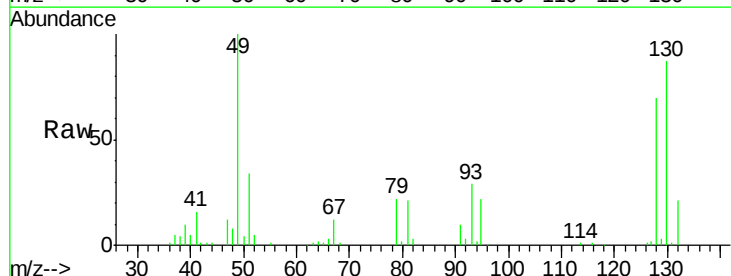
sam
2/16/2018 3:40:16 PM

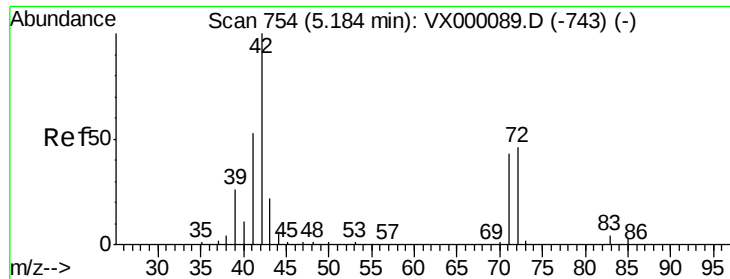


#28

Bromochloromethane
Concen: 48.01 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	51493		
129	2.3	0.0	5.0	
130	86.2	71.9	107.9	





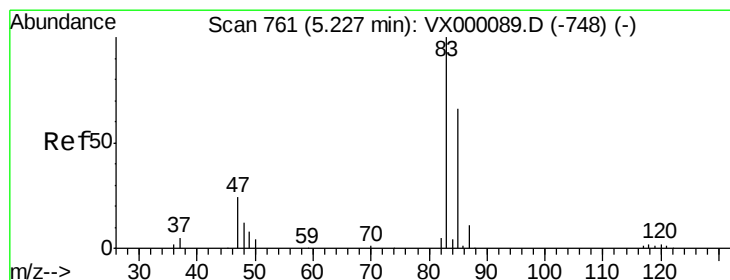
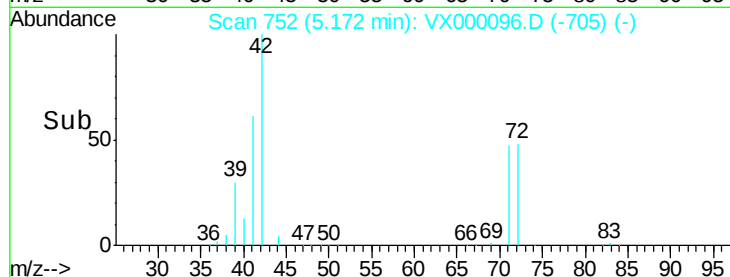
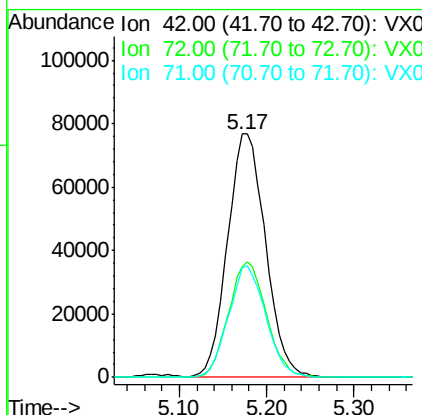
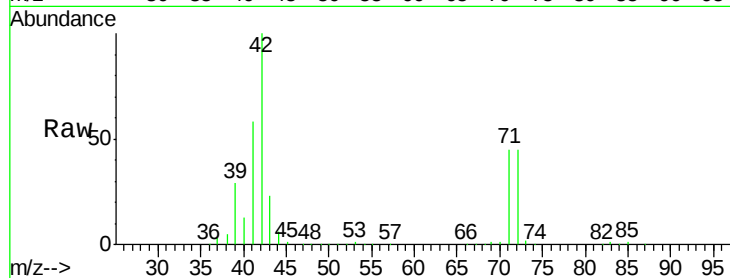
#29
Tetrahydrofuran
Concen: 238.21 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.6	58.0
71	44.8	36.2	54.4

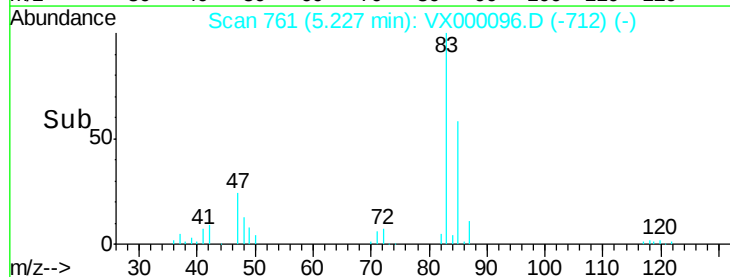
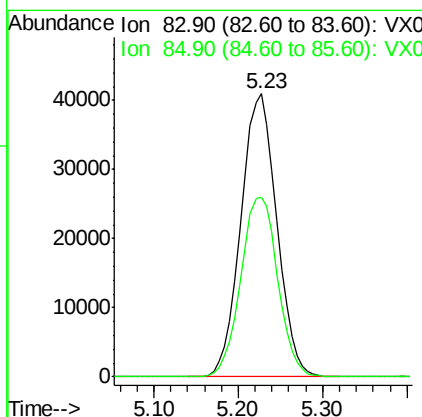
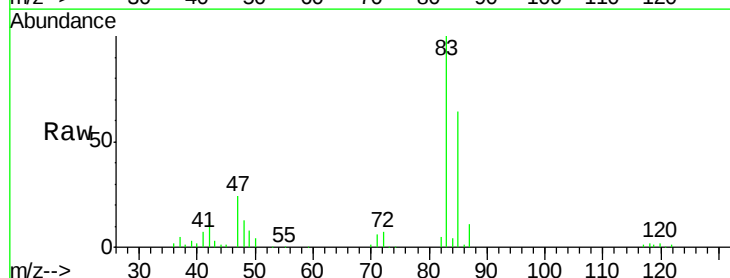
Manual Integrations
APPROVED

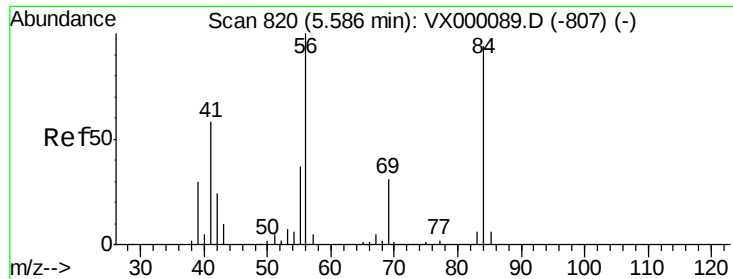
sam
2/16/2018 3:40:16 PM



#30
Chloroform
Concen: 47.04 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.7	79.1





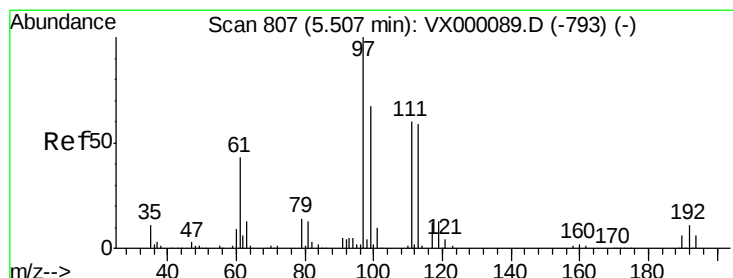
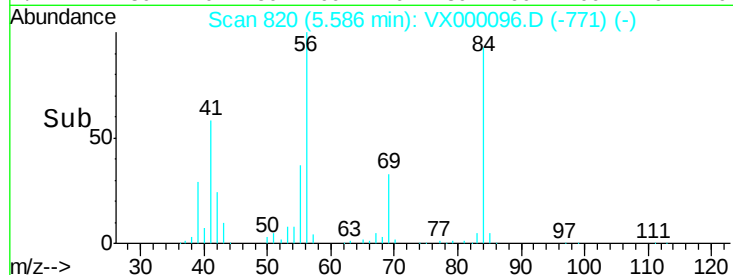
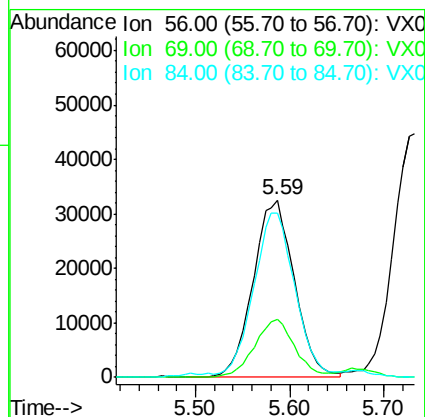
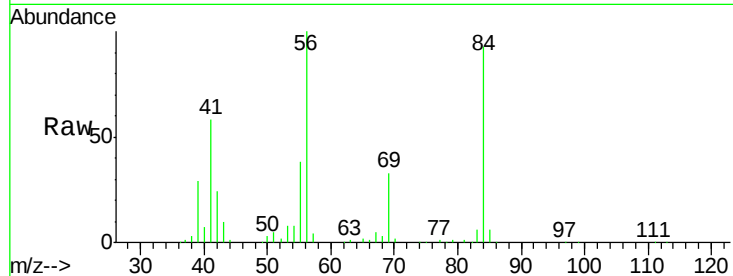
#31
Cyclohexane
Concen: 48.47 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion: 56 Resp: 99681
Ion Ratio Lower Upper
56 100
69 33.1 24.9 37.3
84 90.5 75.0 112.4

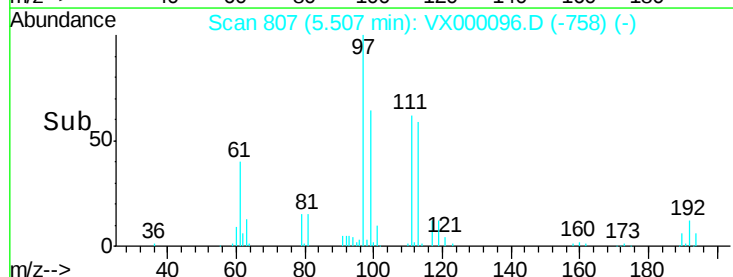
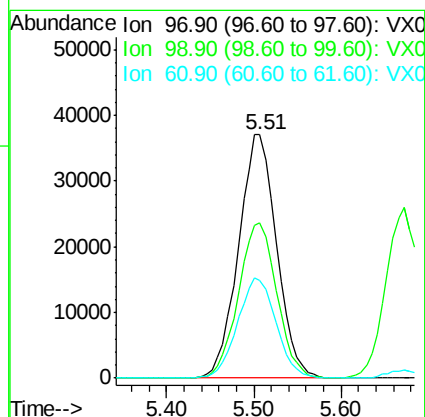
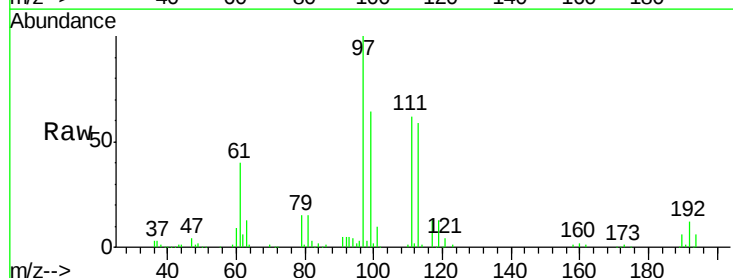
Manual Integrations
APPROVED

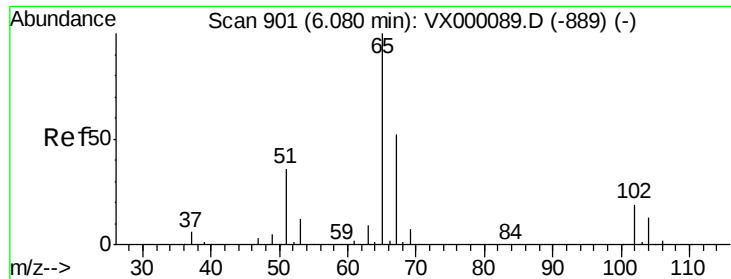
sam
2/16/2018 3:40:16 PM



#32
1,1,1-Trichloroethane
Concen: 48.41 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 97 Resp: 112146
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 41.5 33.4 50.0





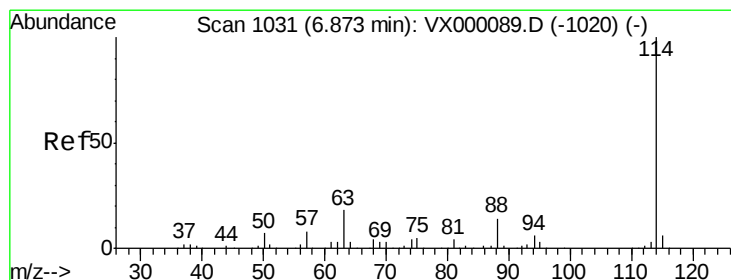
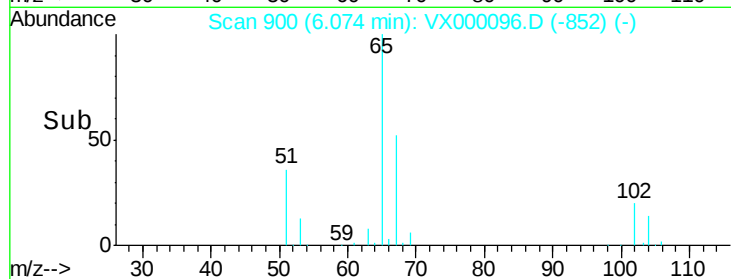
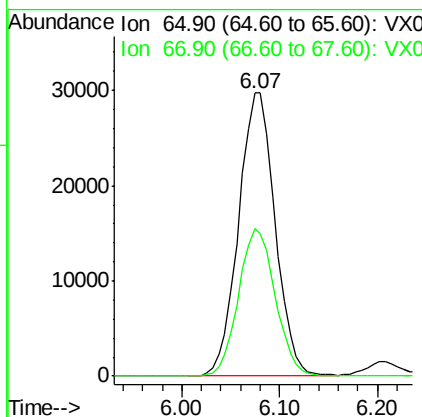
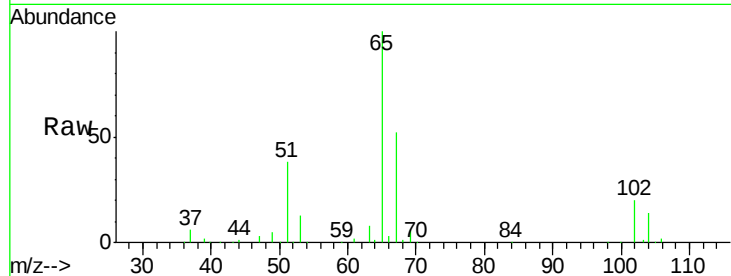
#33
 1,2-Dichloroethane-d4
 Concen: 46.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8

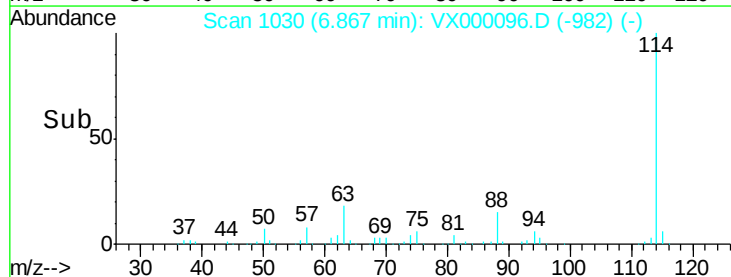
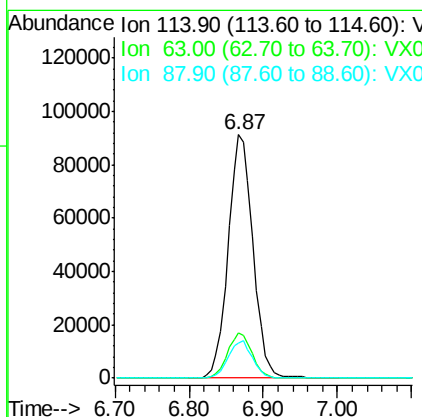
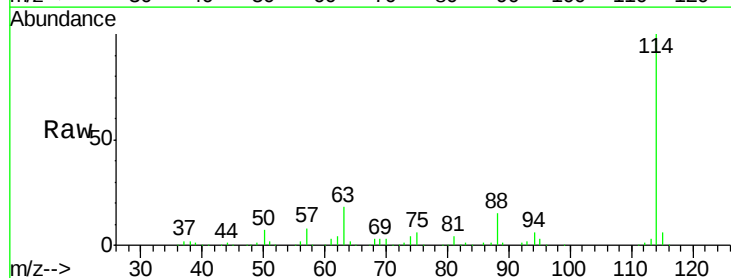
Manual Integrations
 APPROVED

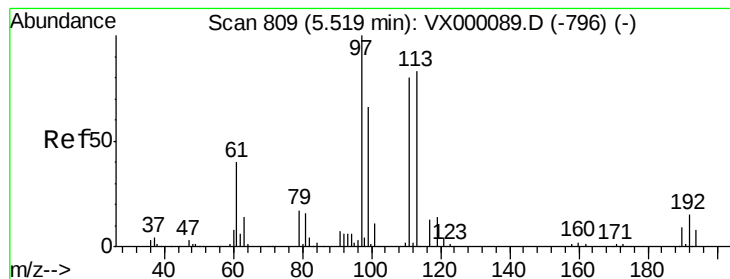
sam
 2/16/2018 3:40:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.4
88	14.6	0.0	29.0





#35

Dibromofluoromethane

Concen: 48.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

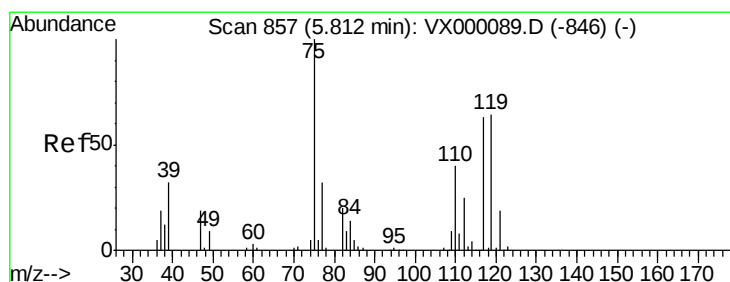
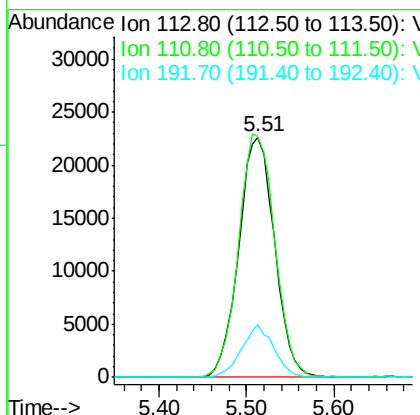
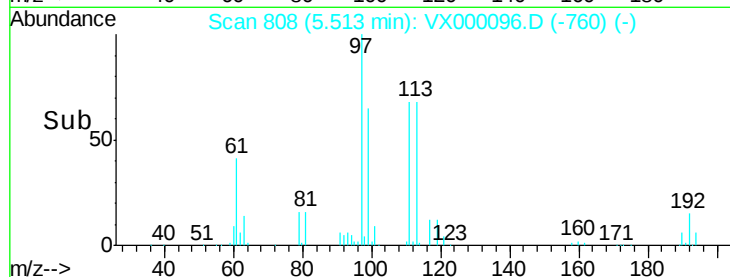
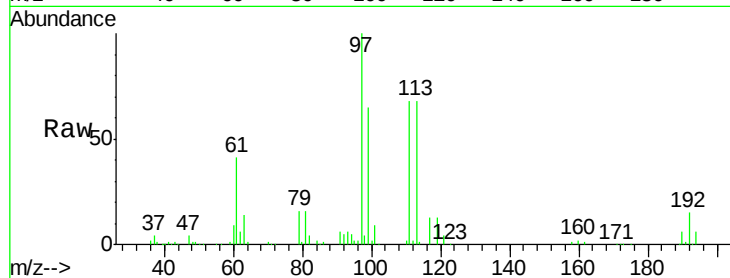
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.6
192	19.8	15.7	23.5

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#36

1,1-Dichloropropene

Concen: 48.35 ug/l

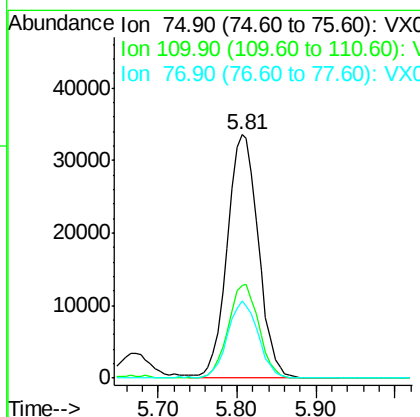
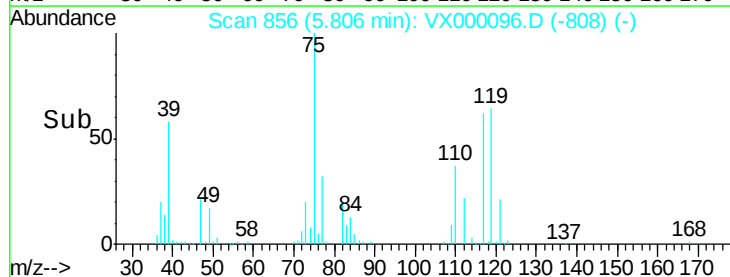
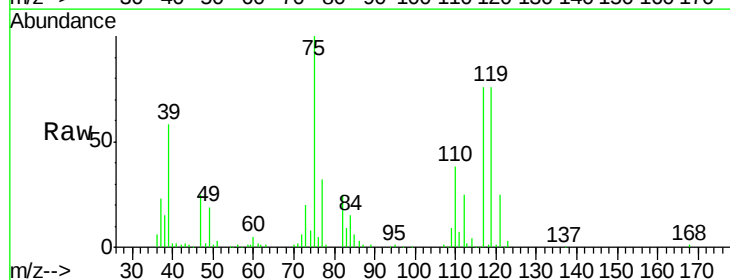
RT: 5.81 min Scan# 856

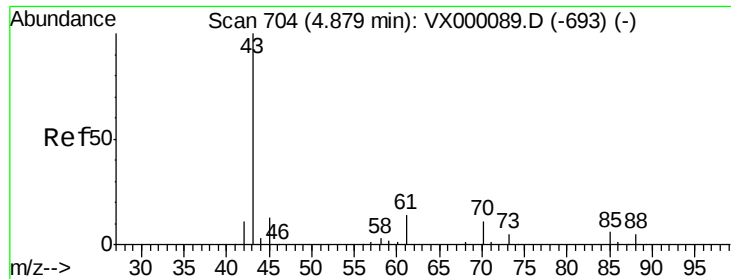
Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.5	58.5
77	31.0	24.7	37.1





#37

Ethyl Acetate

Concen: 46.83 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

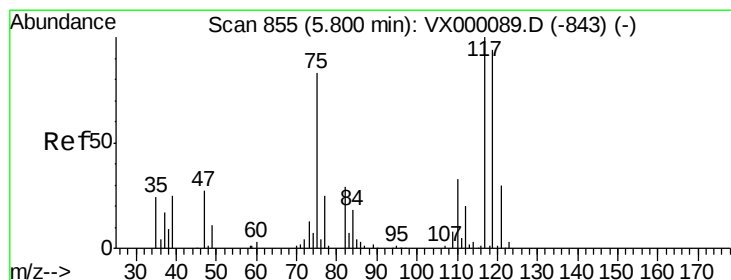
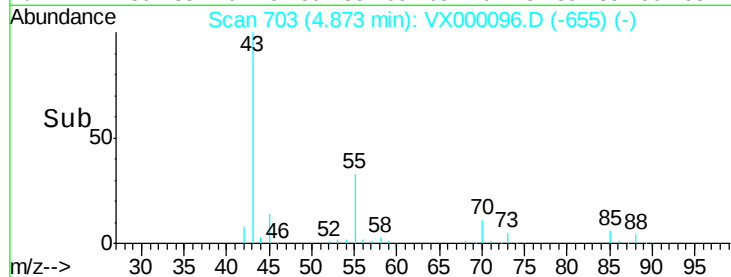
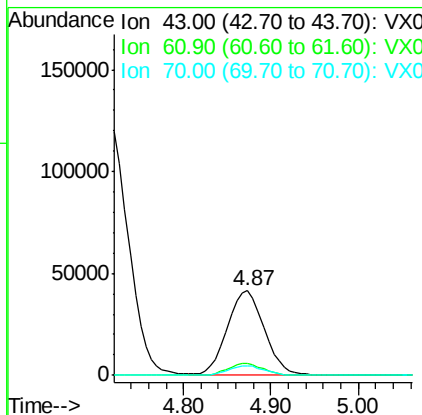
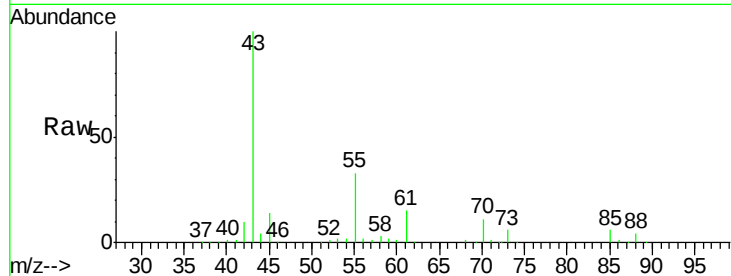
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	122540
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	10.8	9.0	13.4

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#38

Carbon Tetrachloride

Concen: 49.22 ug/l

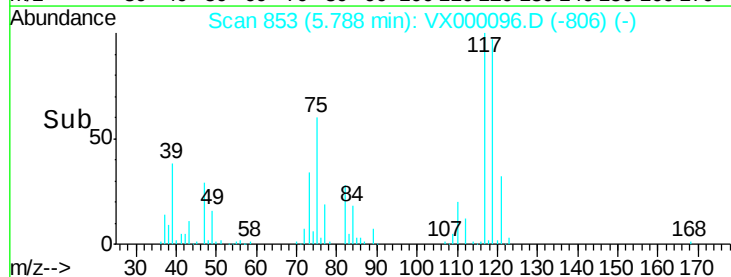
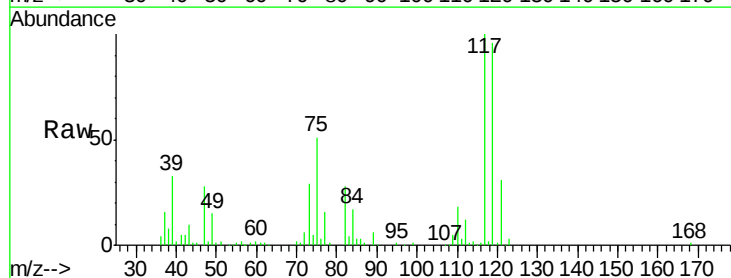
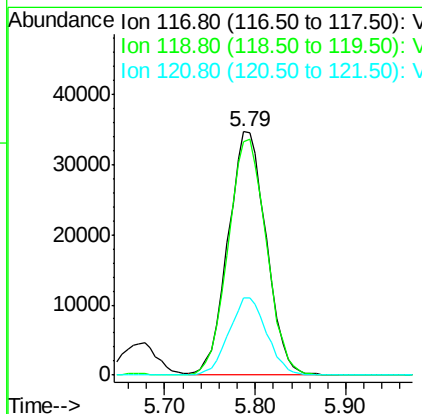
RT: 5.79 min Scan# 853

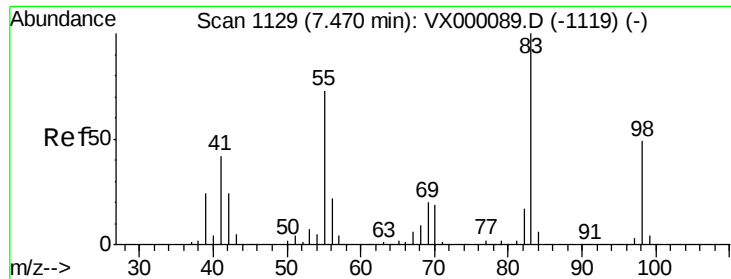
Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion:	117	Resp:	101255
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.3	112.9
121	31.5	23.7	35.5





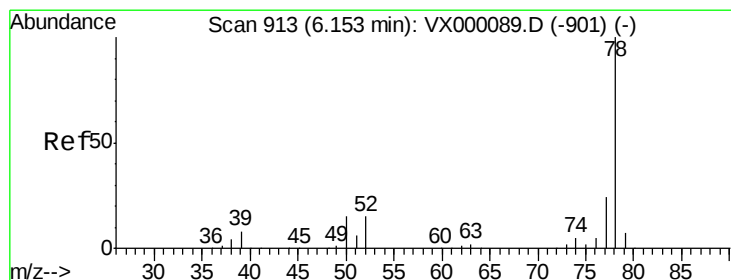
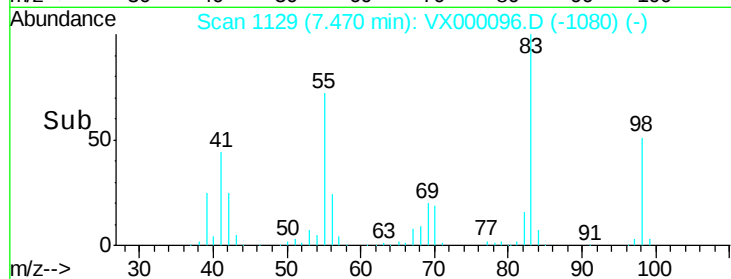
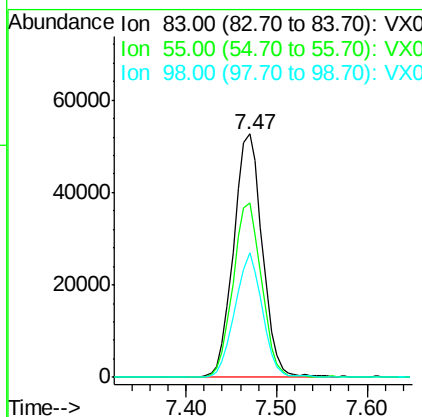
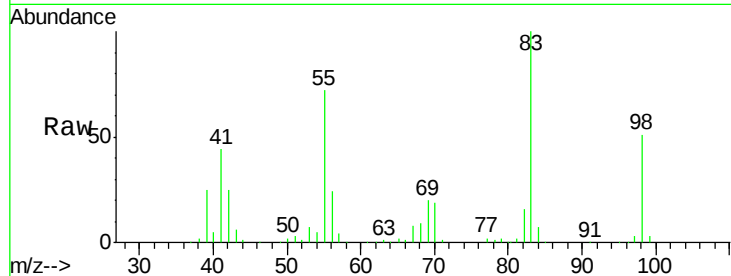
#39
Methvlcvclohexane
Concen: 50.60 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.2	87.2
98	51.0	39.0	58.6

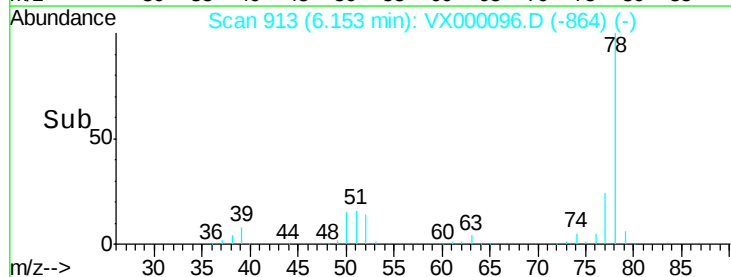
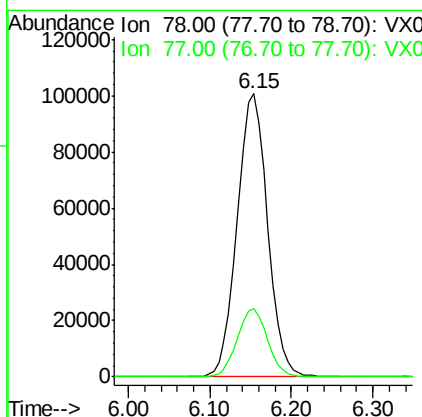
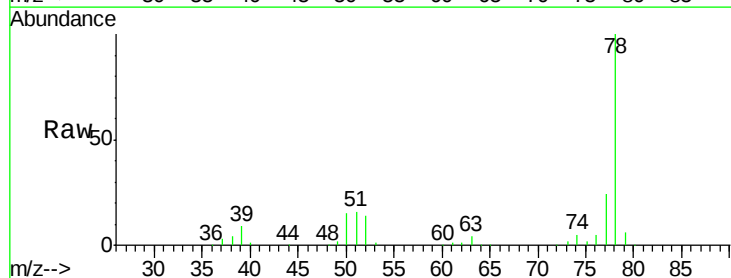
Manual Integrations
APPROVED

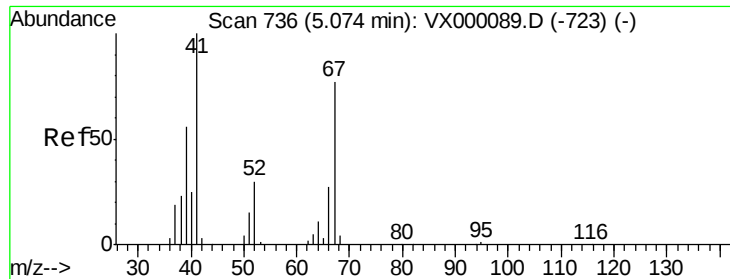
sam
2/16/2018 3:40:16 PM



#40
Benzene
Concen: 47.92 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





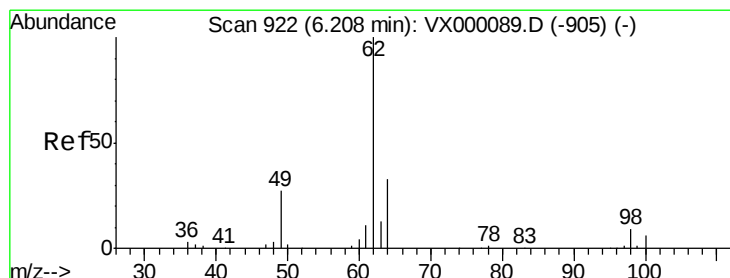
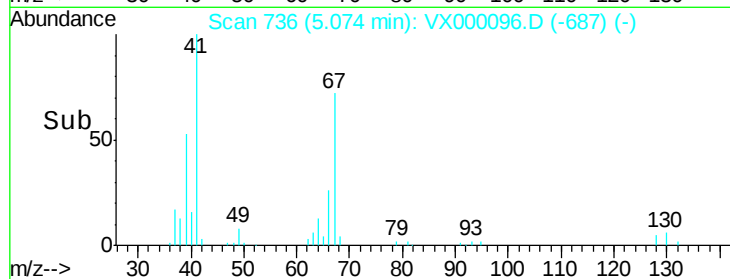
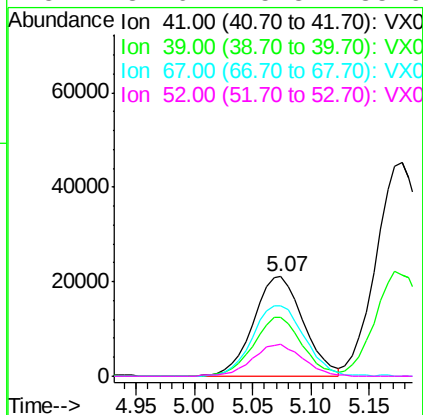
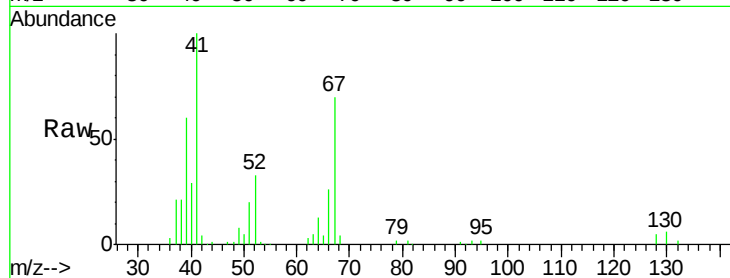
#41
Methacrylonitrile
Concen: 49.89 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	62649
Ion	Ratio	Lower	Upper
41	100		
39	58.6	45.1	67.7
67	74.7	61.0	91.4
52	32.6	25.8	38.6

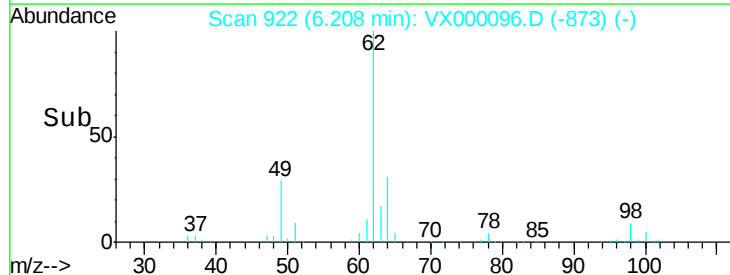
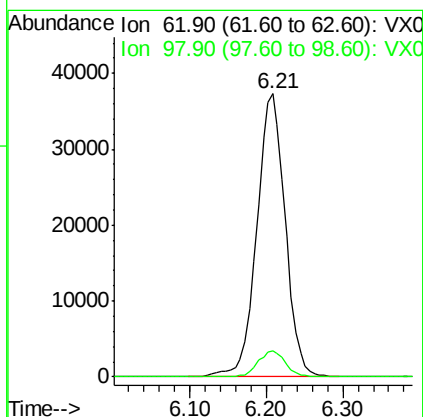
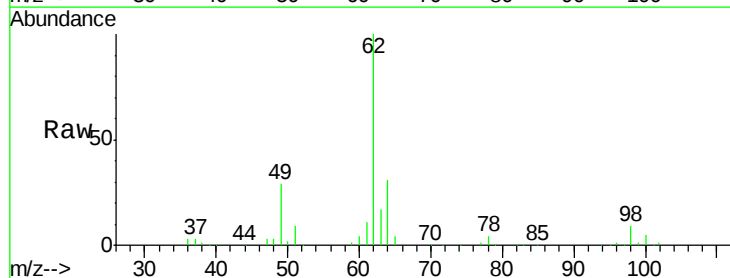
Manual Integrations
APPROVED

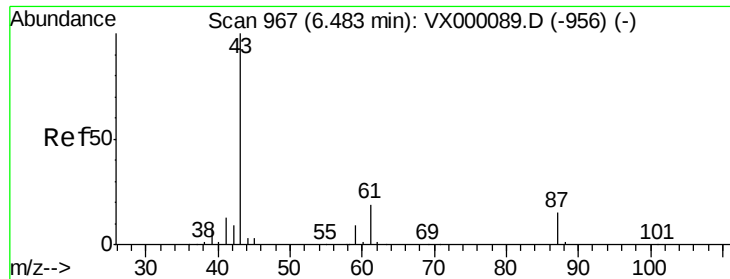
sam
2/16/2018 3:40:16 PM



#42
1,2-Dichloroethane
Concen: 48.46 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:	62	Resp:	96750
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





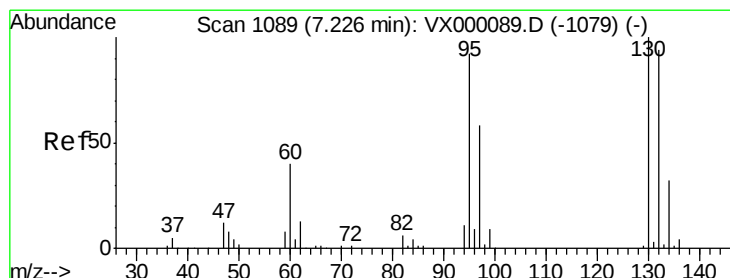
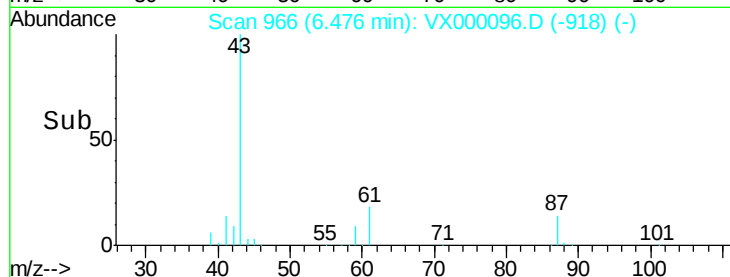
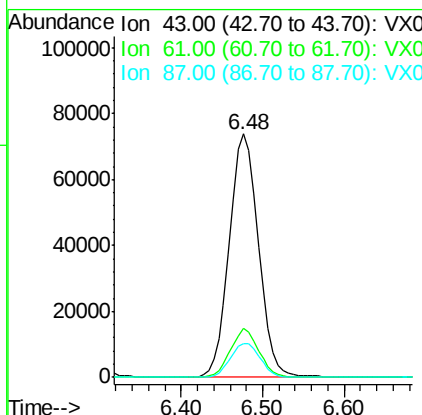
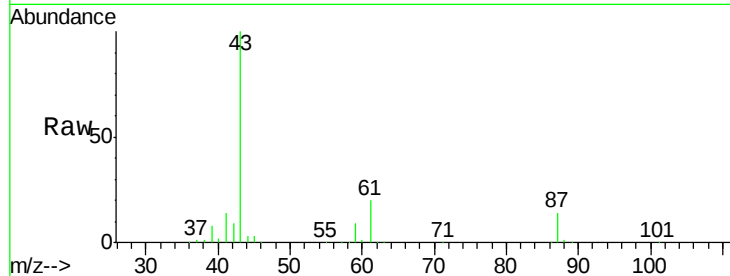
#43
Isopropyl Acetate
Concen: 48.25 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.6	23.4
87	14.3	11.7	17.5

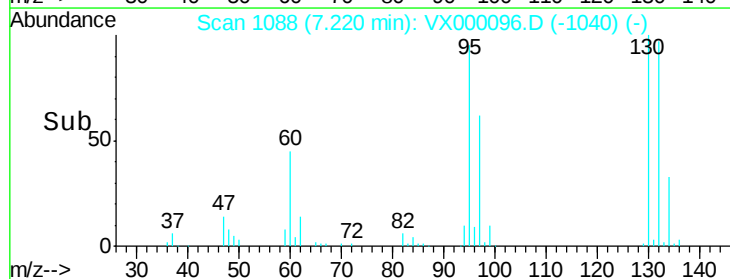
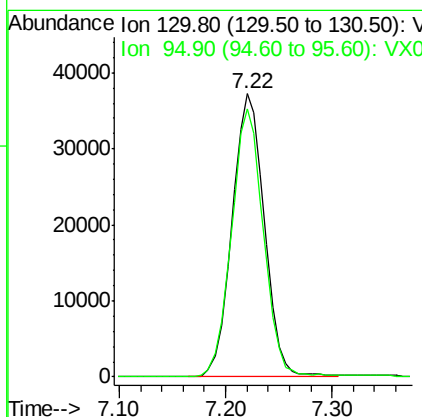
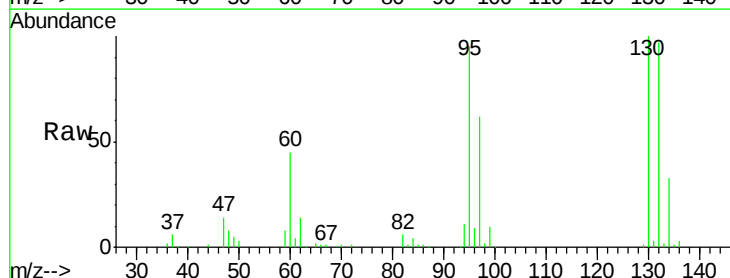
Manual Integrations
APPROVED

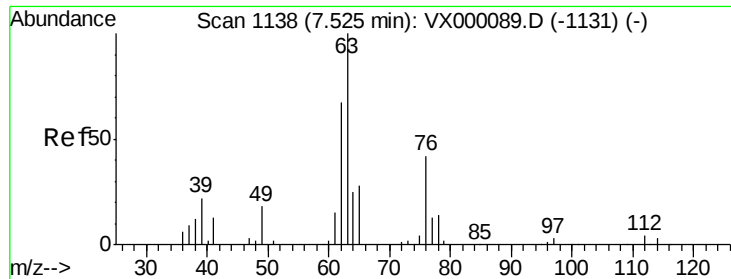
sam
2/16/2018 3:40:16 PM



#44
Trichloroethene
Concen: 49.45 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	183.4





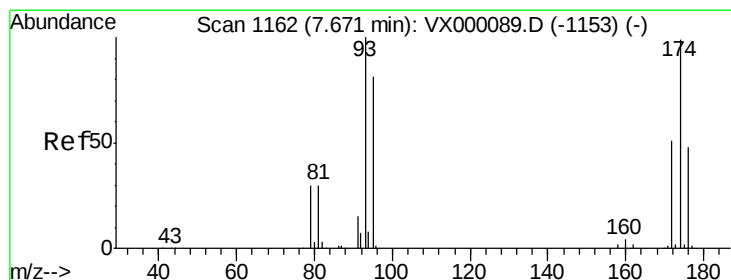
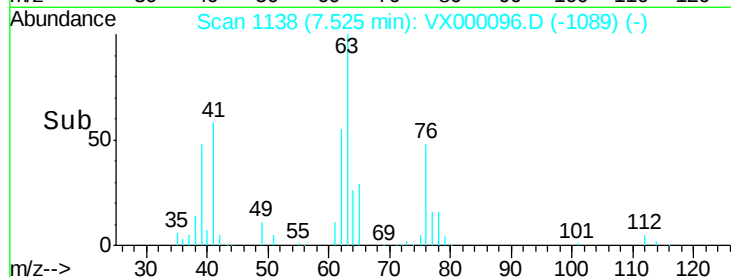
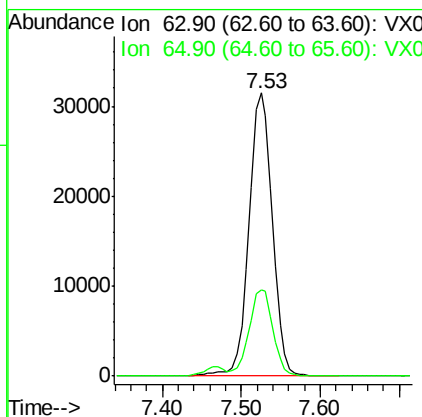
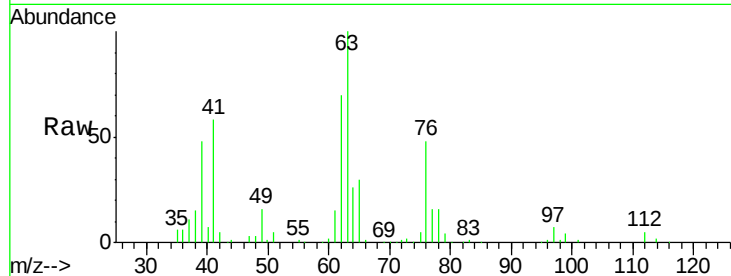
#45
 1,2-Dichloropropane
 Concen: 48.58 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 64776
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.8

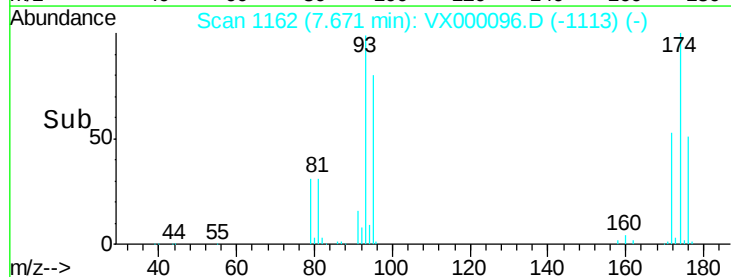
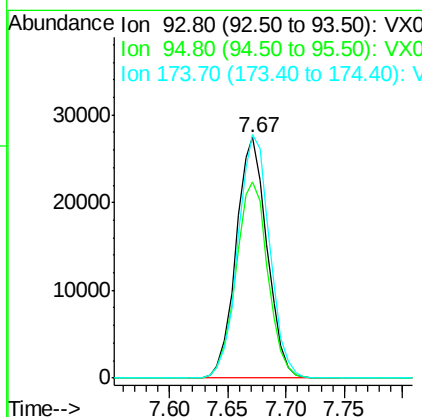
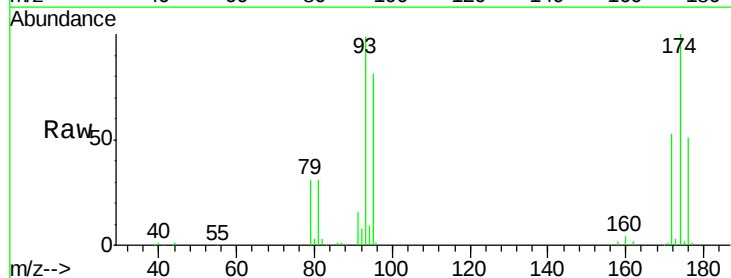
Manual Integrations
 APPROVED

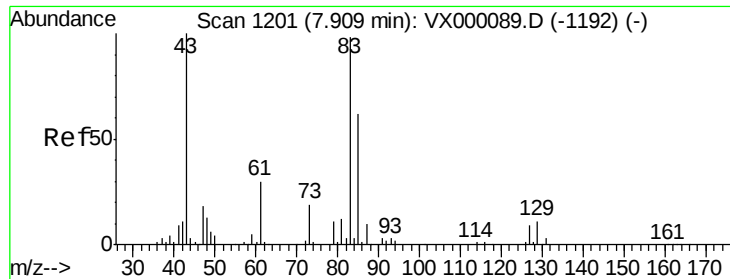
sam
 2/16/2018 3:40:16 PM



#46
 Dibromomethane
 Concen: 48.83 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 93 Resp: 50803
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.0 97.6
 174 103.4 83.1 124.7





#47

Bromodichloromethane

Concen: 50.33 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

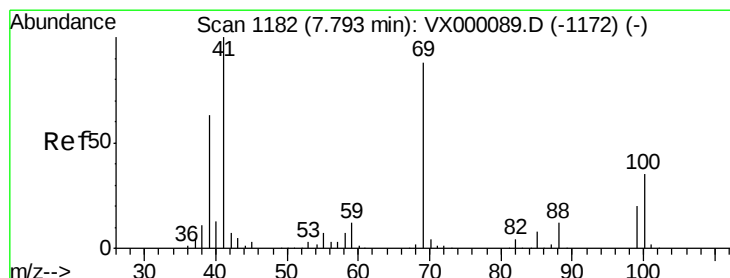
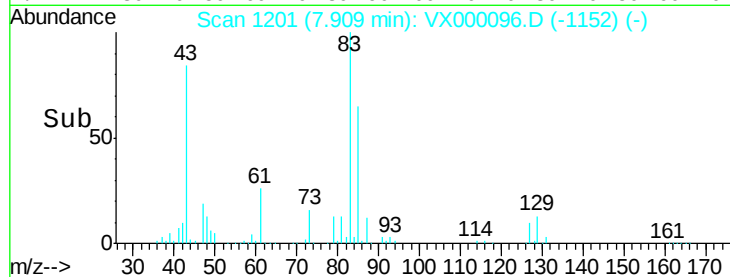
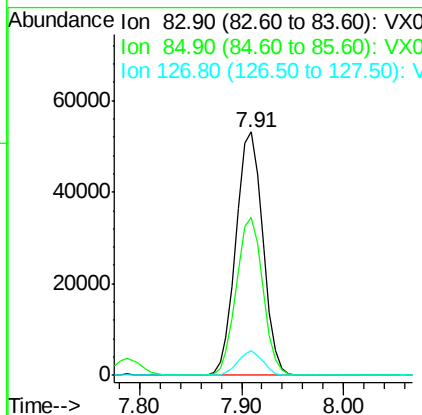
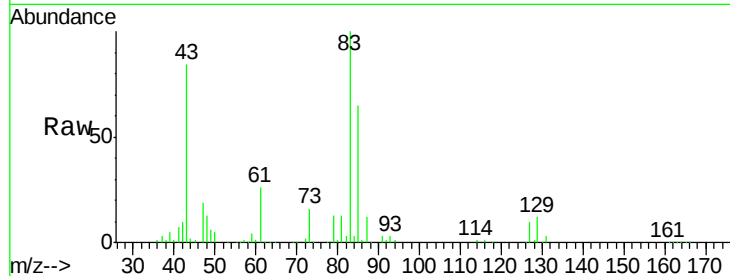
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	96726
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.4	75.6
127	9.9	7.2	10.8

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#48

Methyl methacrylate

Concen: 48.27 ug/l

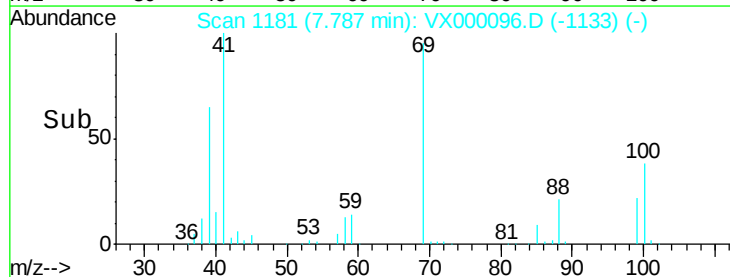
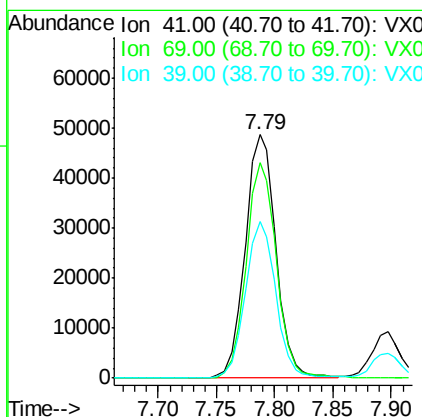
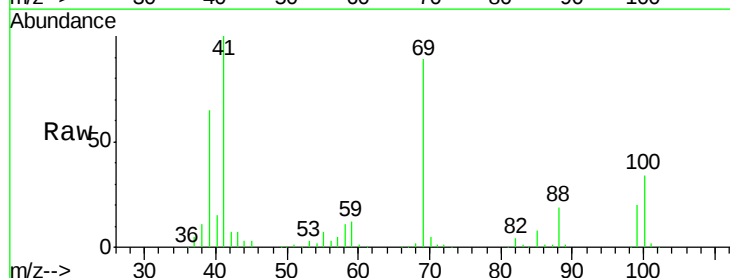
RT: 7.79 min Scan# 1181

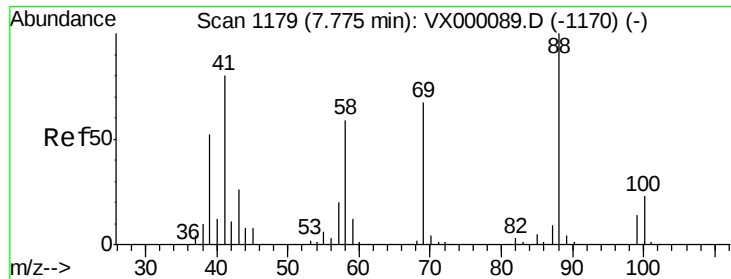
Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion:	41	Resp:	89264
Ion Ratio	Lower	Upper	
41	100		
69	87.5	70.2	105.4
39	64.2	51.0	76.6





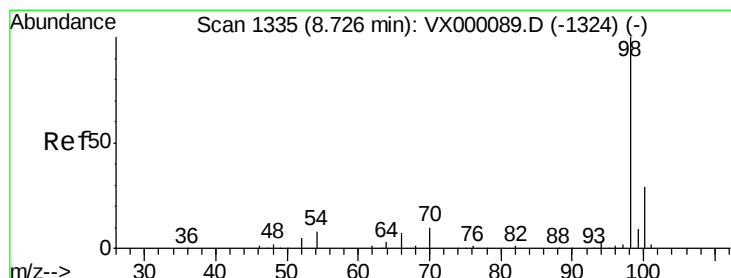
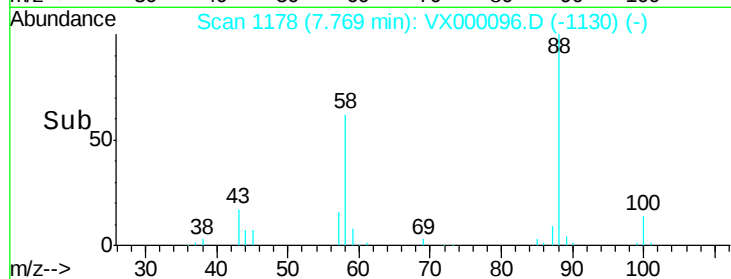
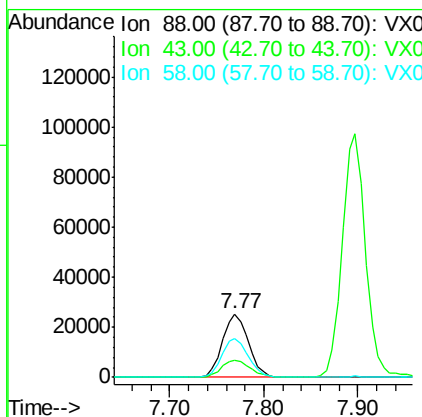
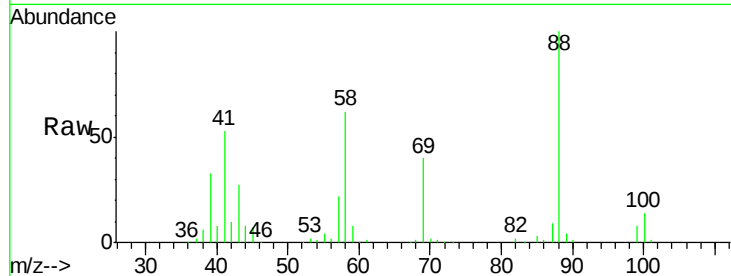
#49
1,4-Dioxane
Concen: 996.41 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.1	36.1
58	62.1	49.0	73.6

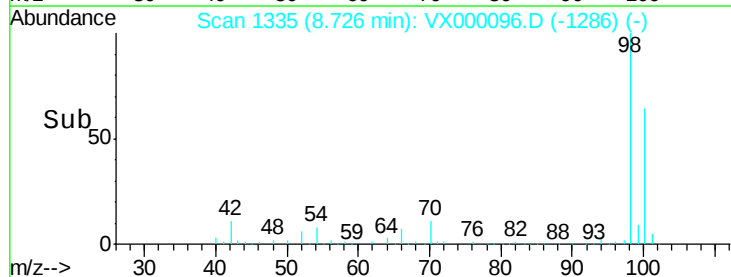
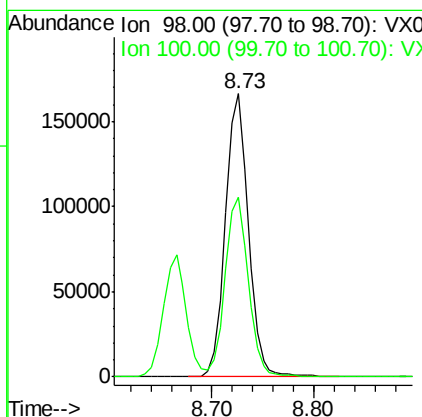
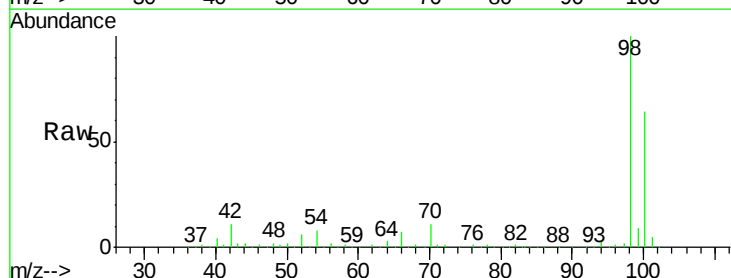
Manual Integrations
APPROVED

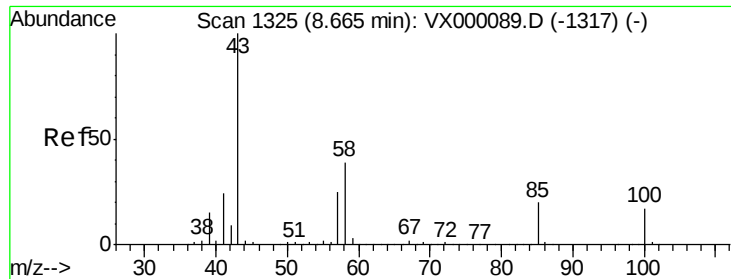
sam
2/16/2018 3:40:16 PM



#50
Toluene-d8
Concen: 49.19 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 248.70 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 685855

Ion Ratio Lower Upper

43 100

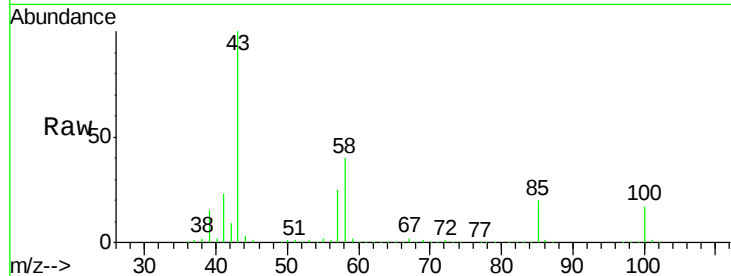
58 39.6 31.6 47.4

Manual Integrations

APPROVED

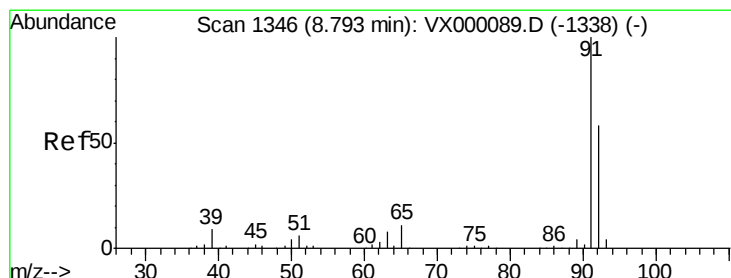
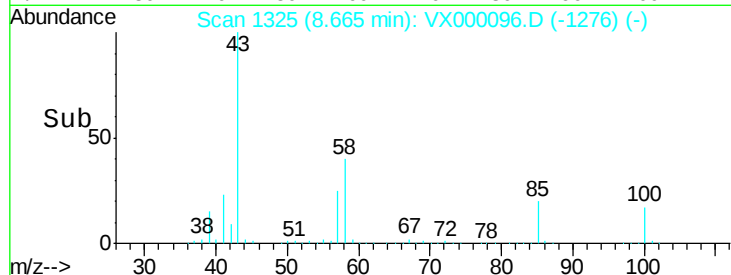
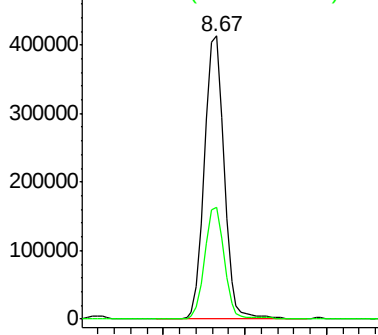
sam

2/16/2018 3:40:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.40 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000096.D

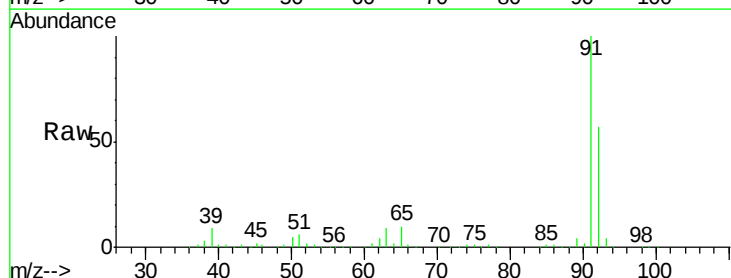
Acq: 15 Feb 2018 10:48

Tgt Ion: 92 Resp: 183177

Ion Ratio Lower Upper

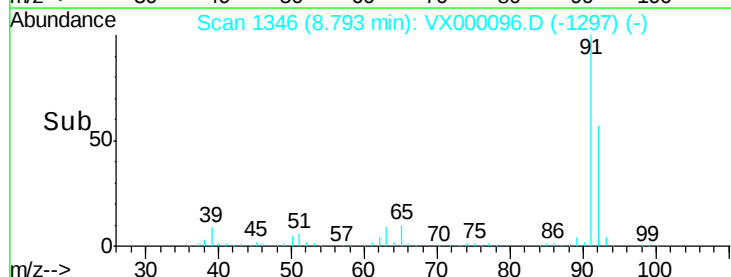
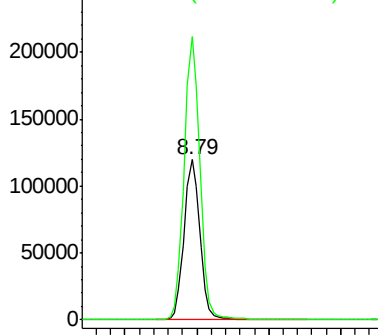
92 100

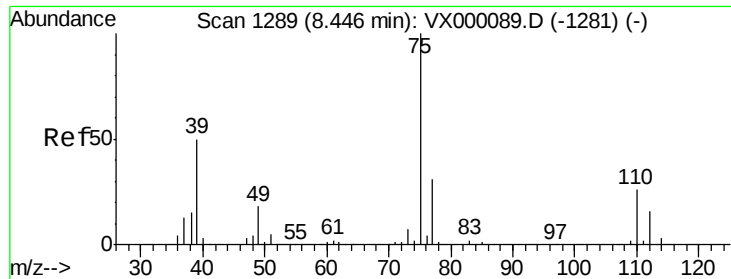
91 176.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.69 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tot Ion: 75 Resp: 114570

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

Instrument :

ClientSampleId :

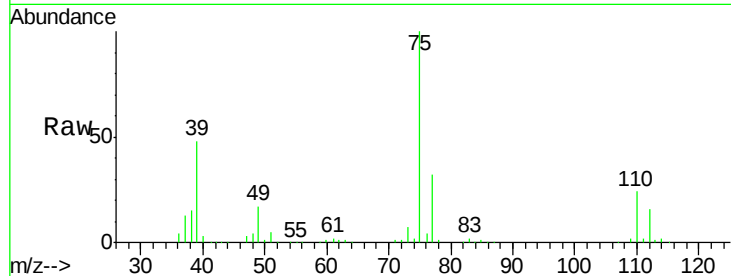
VSTDCCC050

Manual Integrations

APPROVED

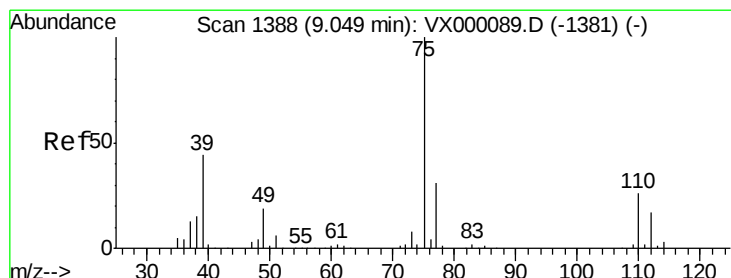
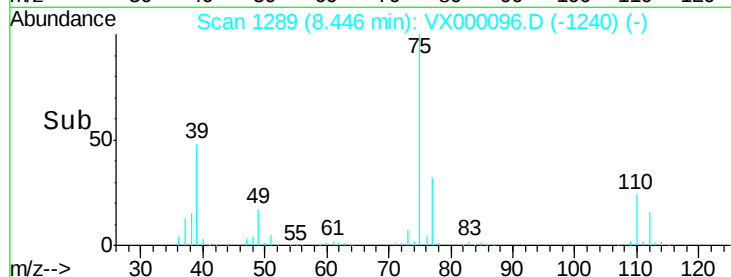
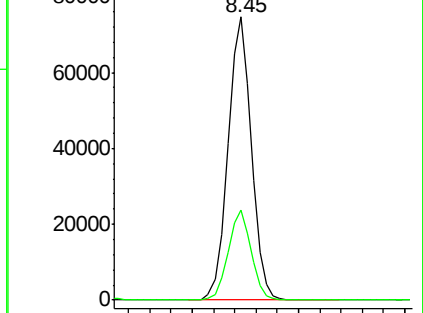
sam

2/16/2018 3:40:16 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.94 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

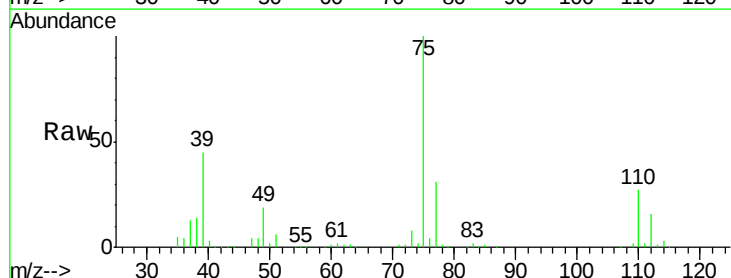
Tgt Ion: 75 Resp: 114307

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

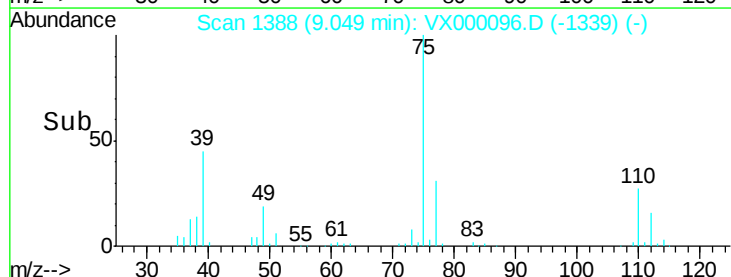
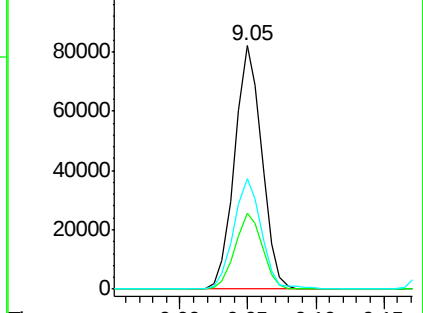
39 45.1 35.4 53.0

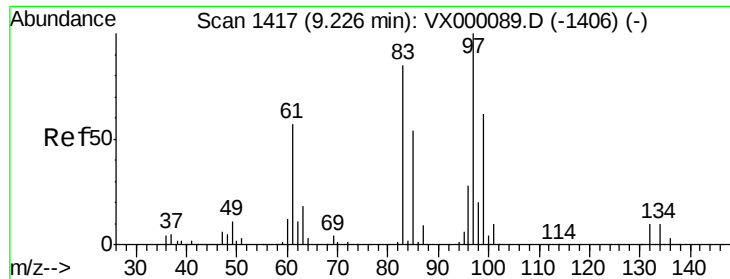


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





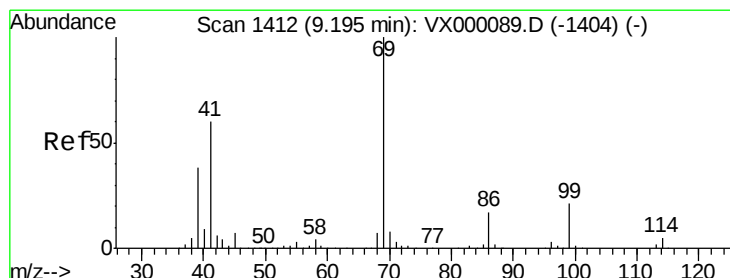
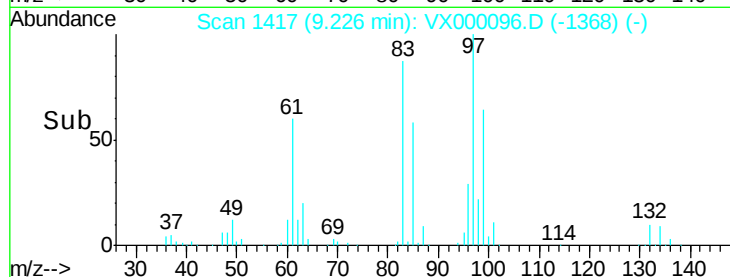
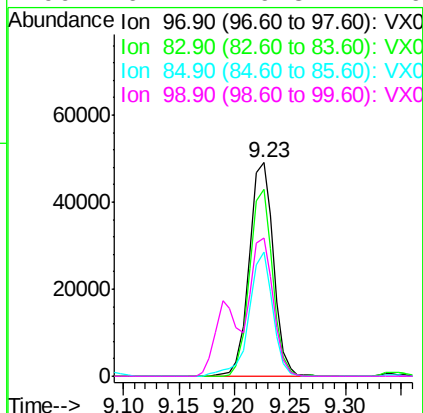
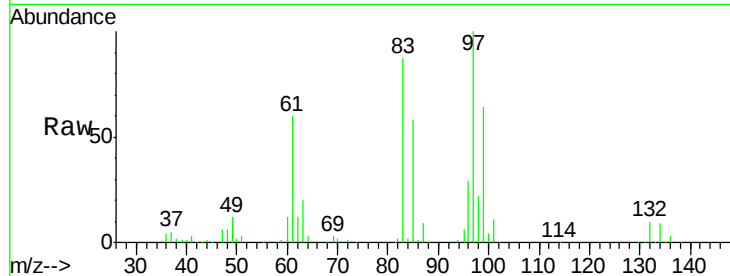
#55
 1,1,2-Trichloroethane
 Concen: 49.47 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	74363
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.6	101.4
85	58.0	42.9	64.3
99	64.4	49.8	74.6

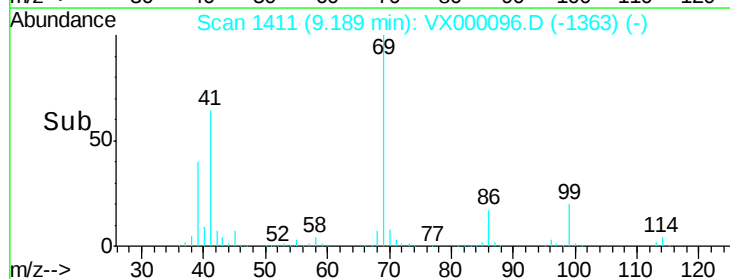
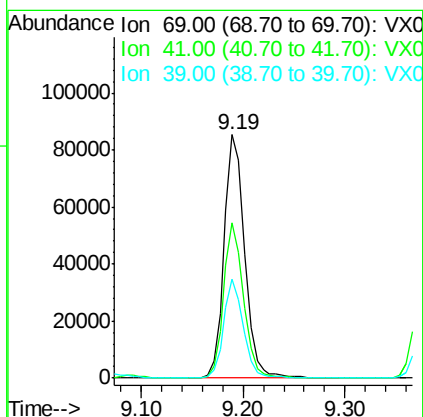
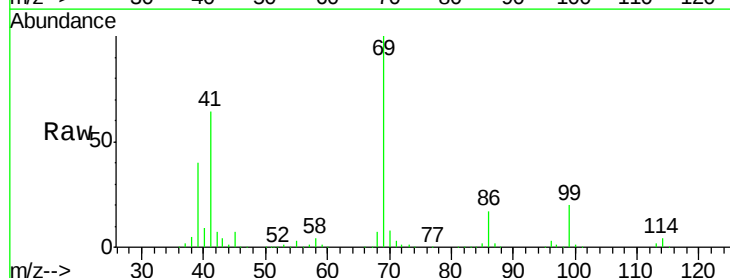
Manual Integrations
 APPROVED

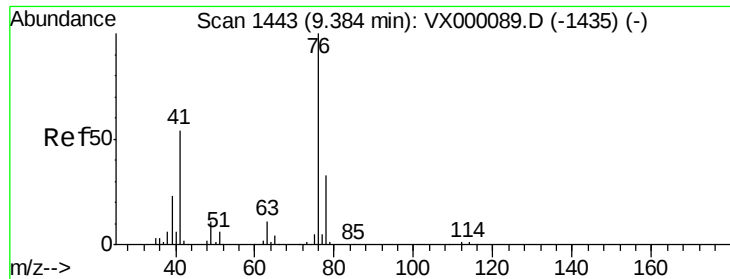
sam
 2/16/2018 3:40:16 PM



#56
 Ethyl methacrylate
 Concen: 51.71 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion:	69	Resp:	119291
Ion	Ratio	Lower	Upper
69	100		
41	62.4	49.4	74.0
39	39.1	31.3	46.9





#57

1,3-Dichloropropane

Concen: 49.92 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tot Ion: 76 Resp: 119185

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8

Instrument :

ClientSampled :

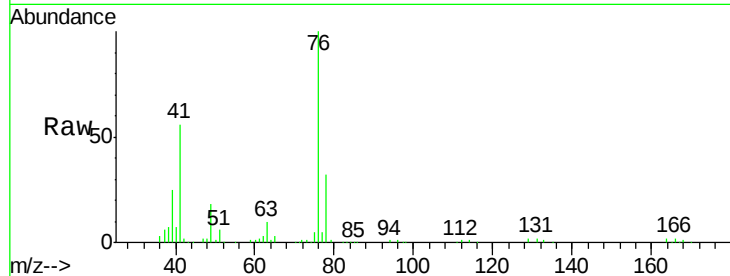
VSTDCCC050

Manual Integrations

APPROVED

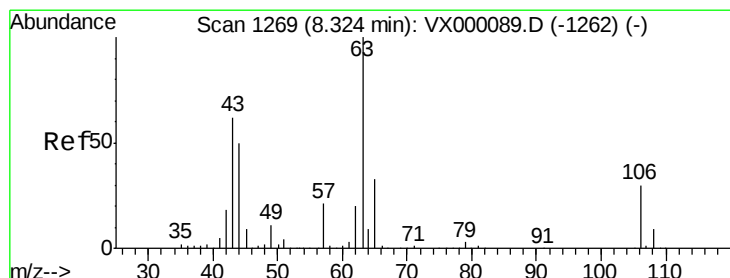
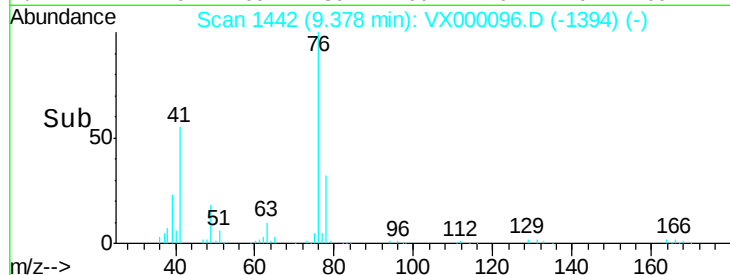
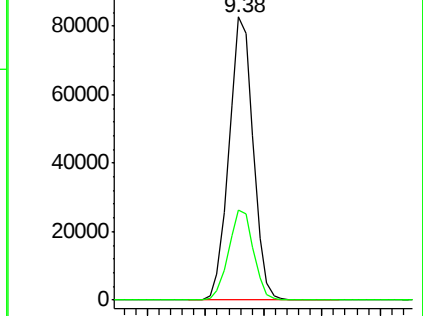
sam

2/16/2018 3:40:16 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 240.61 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000096.D

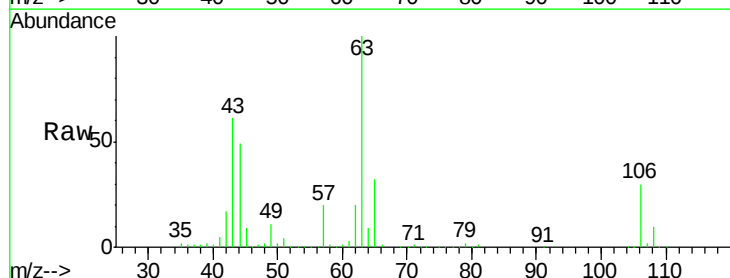
Acq: 15 Feb 2018 10:48

Tgt Ion: 63 Resp: 280530

Ion Ratio Lower Upper

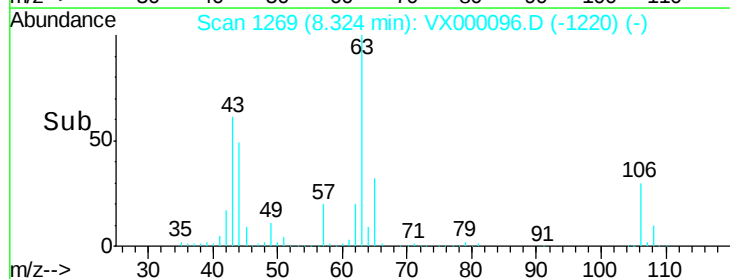
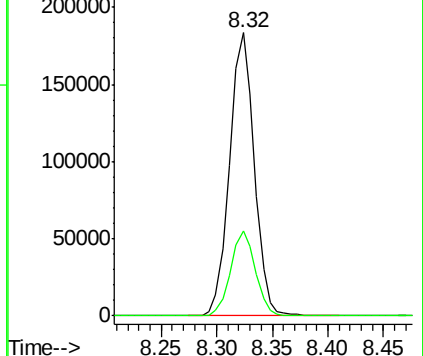
63 100

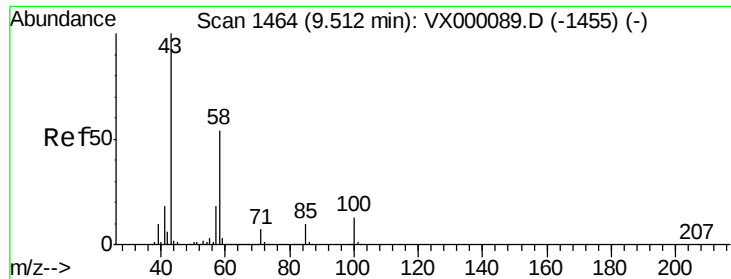
106 30.1 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





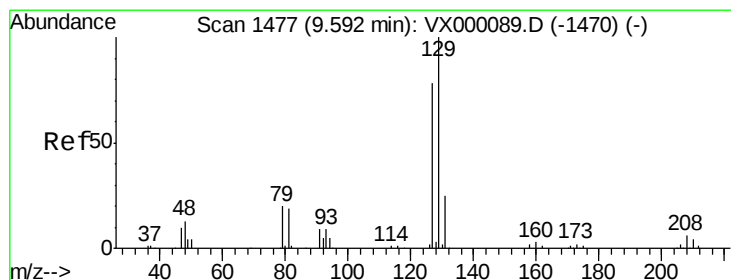
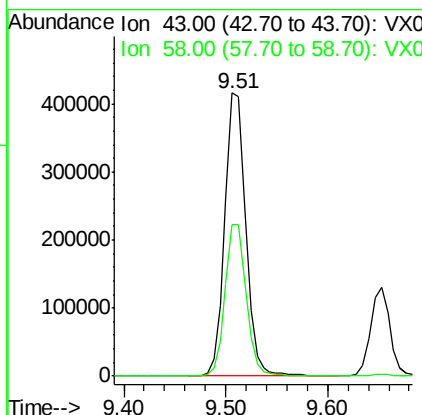
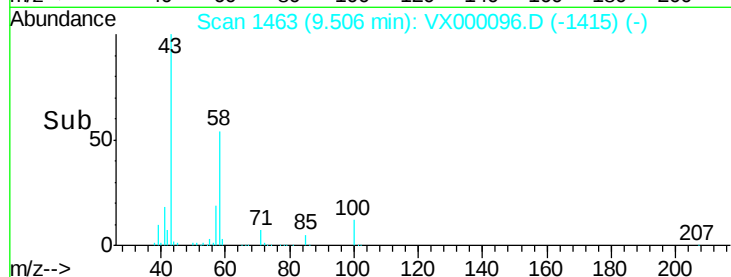
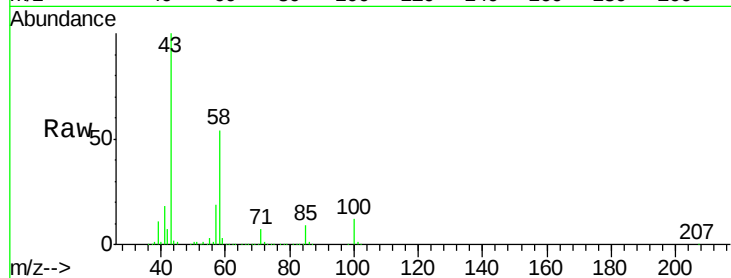
#59
2-Hexanone
Concen: 255.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 596252
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3

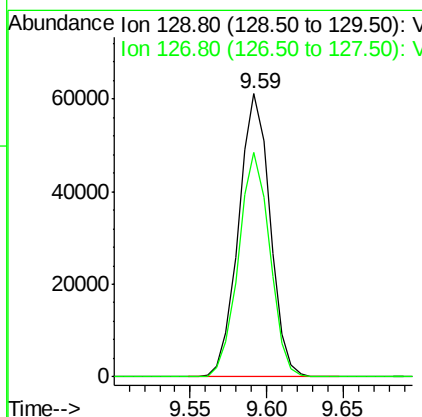
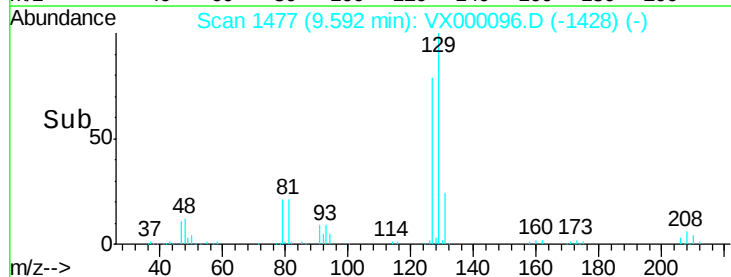
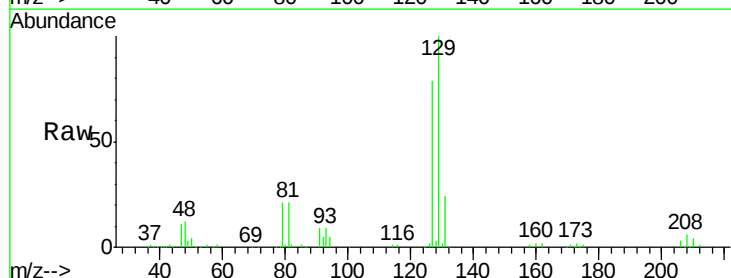
Manual Integrations
APPROVED

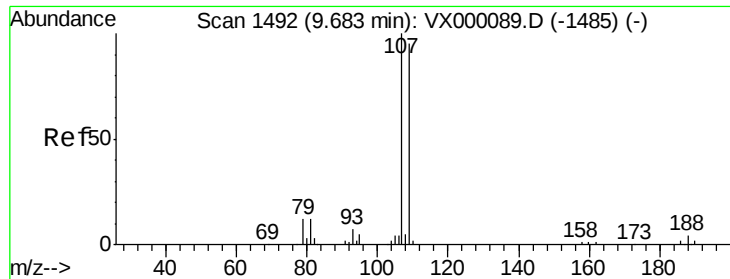
sam
2/16/2018 3:40:16 PM



#60
Dibromochloromethane
Concen: 51.17 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:129 Resp: 87130
Ion Ratio Lower Upper
129 100
127 78.9 37.6 112.9





#61

1,2-Dibromoethane

Concen: 50.89 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 84895

Ion Ratio Lower Upper

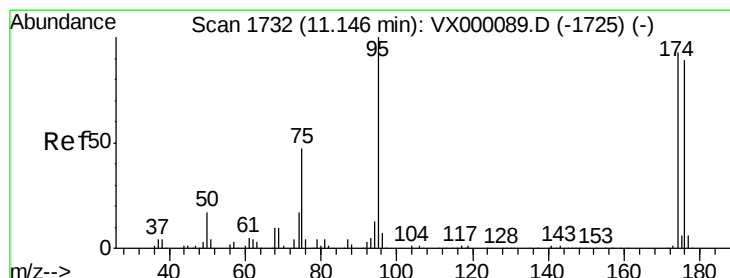
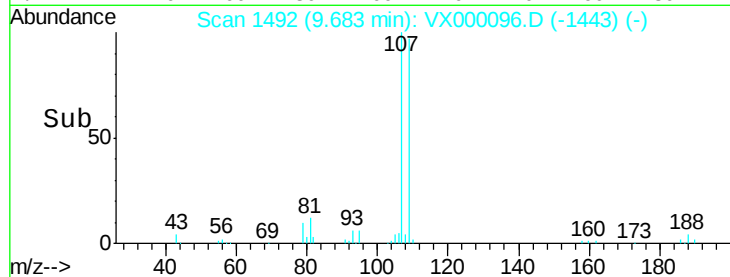
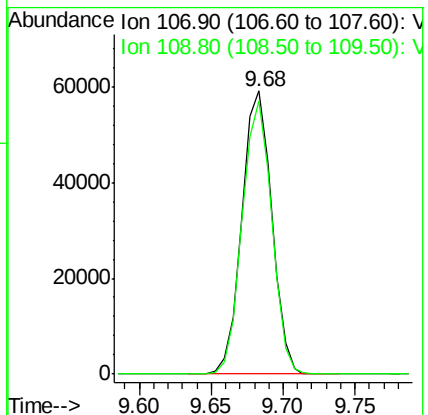
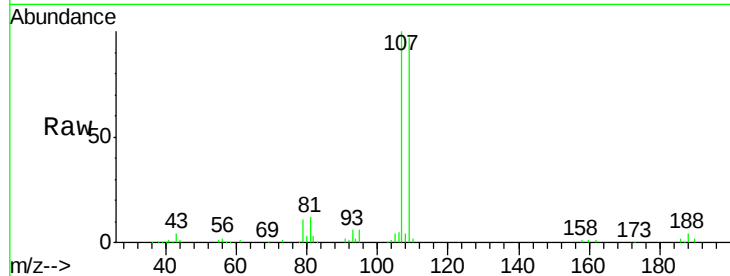
107 100

109 95.5 76.4 114.6

Manual Integrations
APPROVED

sam

2/16/2018 3:40:16 PM



#62

4-Bromofluorobenzene

Concen: 50.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

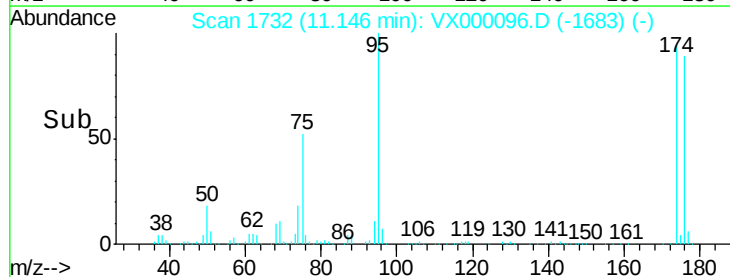
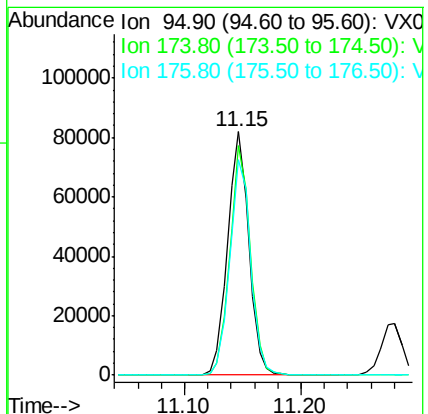
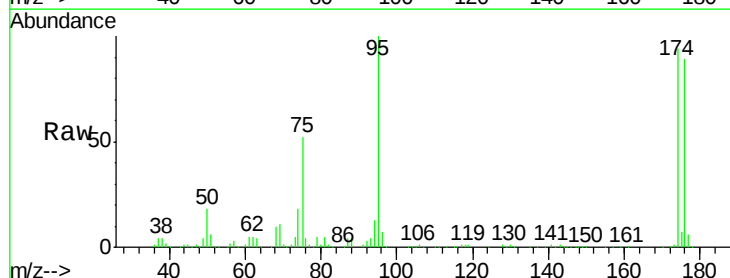
Tgt Ion: 95 Resp: 103756

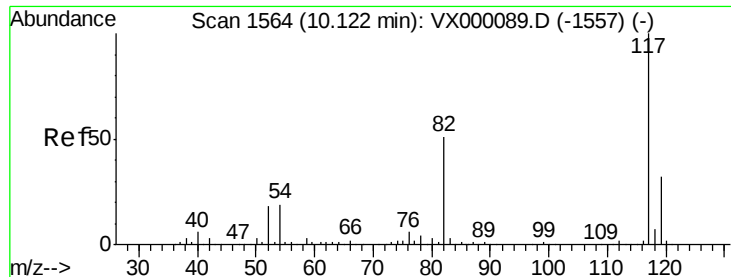
Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.8

176 87.9 0.0 181.2





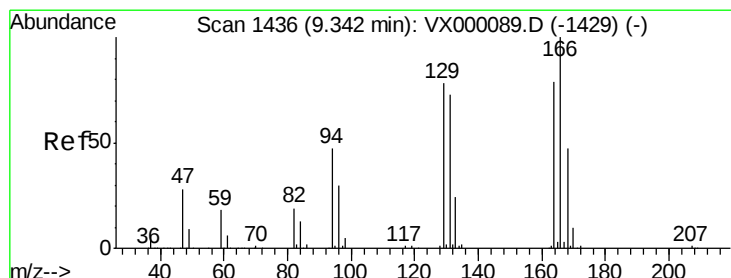
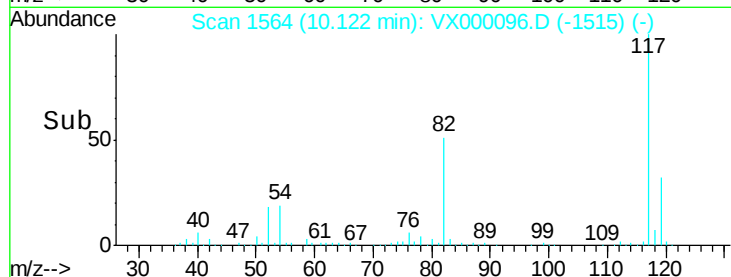
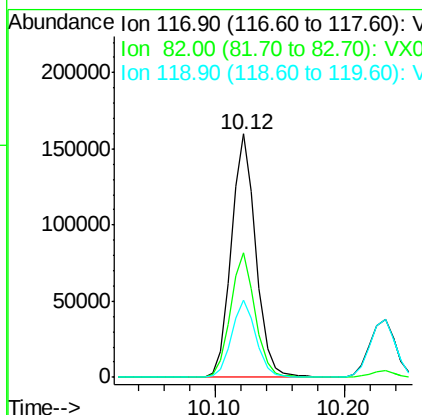
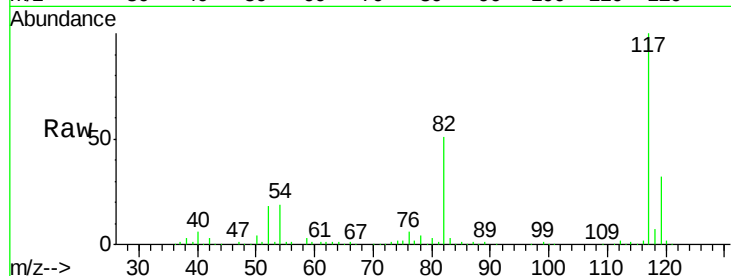
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.0	61.6
119	31.6	25.5	38.3

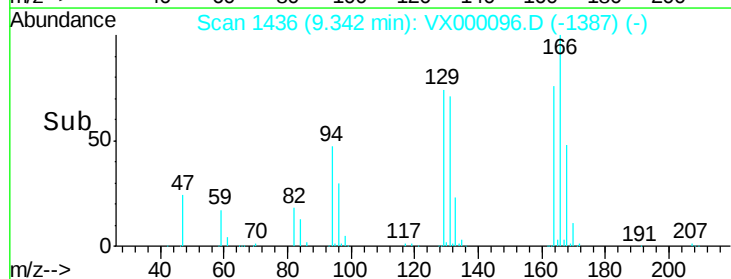
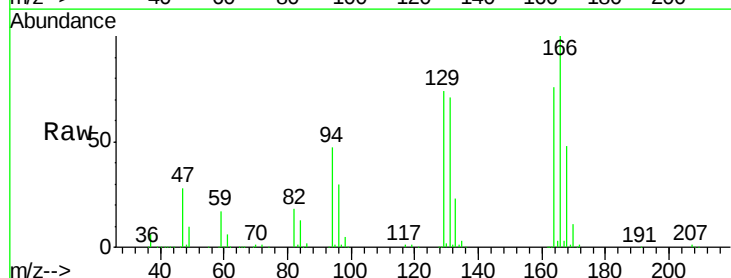
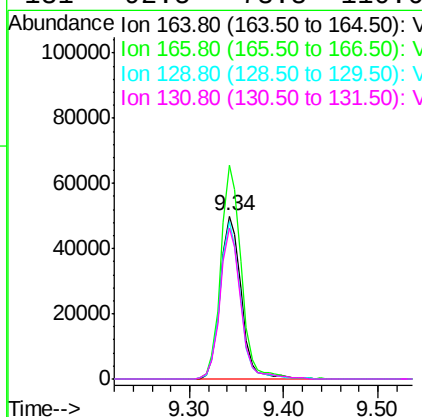
Manual Integrations
APPROVED

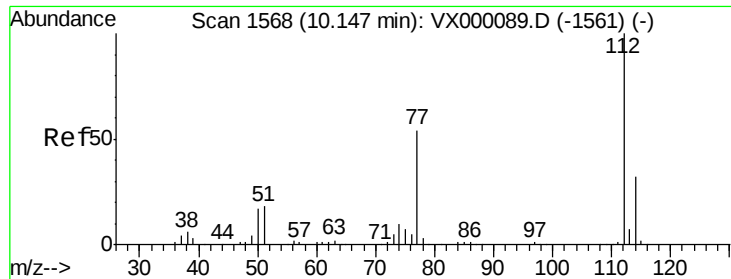
sam
2/16/2018 3:40:16 PM



#64
Tetrachloroethene
Concen: 49.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.4	152.2
129	96.5	78.6	118.0
131	92.5	73.8	110.6





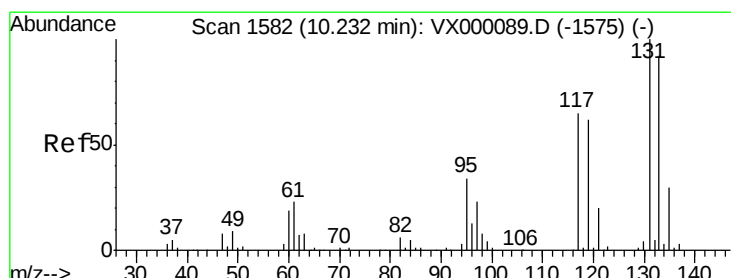
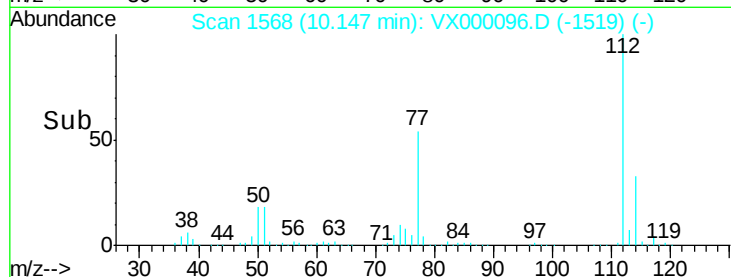
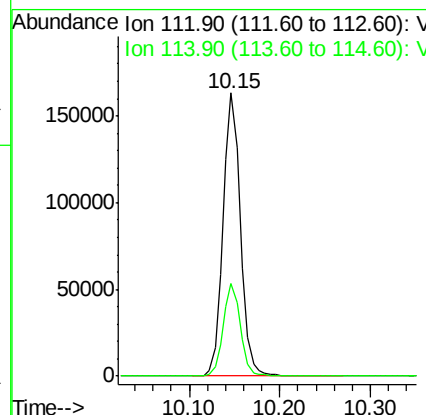
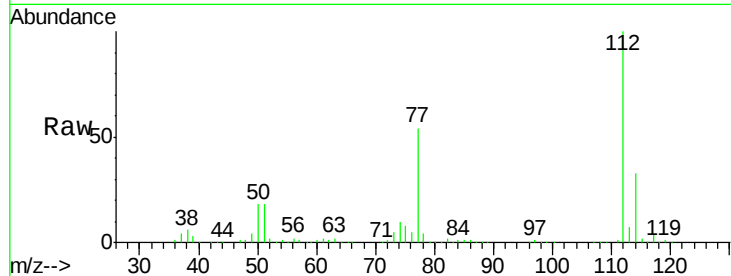
#65
Chlorobenzene
Concen: 48.86 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 219331
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

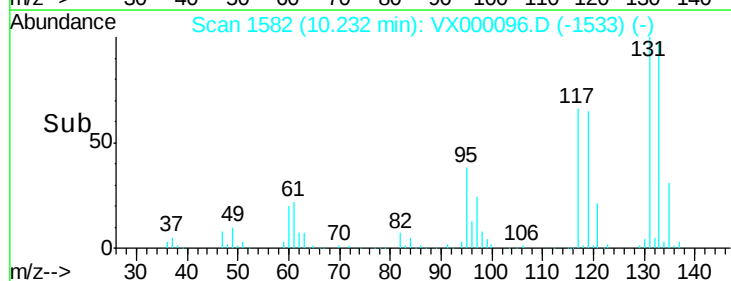
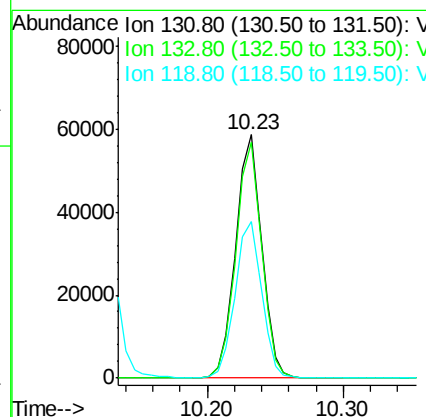
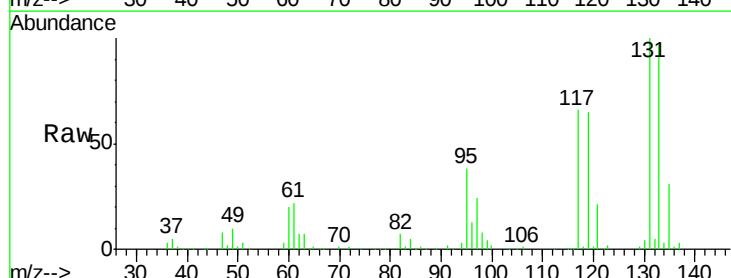
Manual Integrations
APPROVED

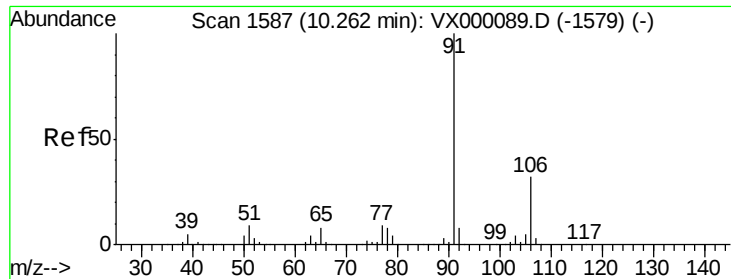
sam
2/16/2018 3:40:16 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.05 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:131 Resp: 78599
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.3
119 65.7 31.7 95.1





#67

Ethyl Benzene

Concen: 49.20 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 370692

Ion Ratio Lower Upper

91 100

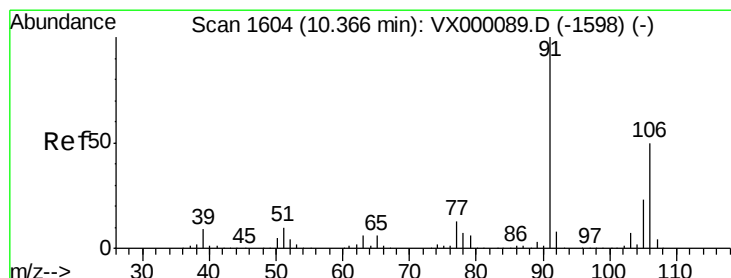
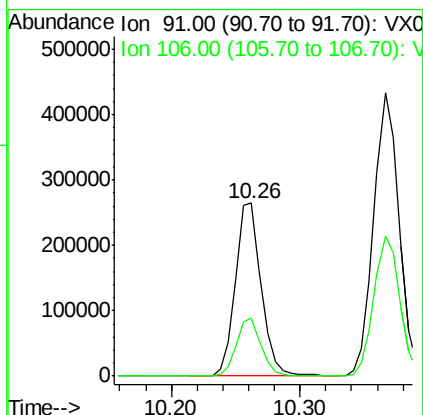
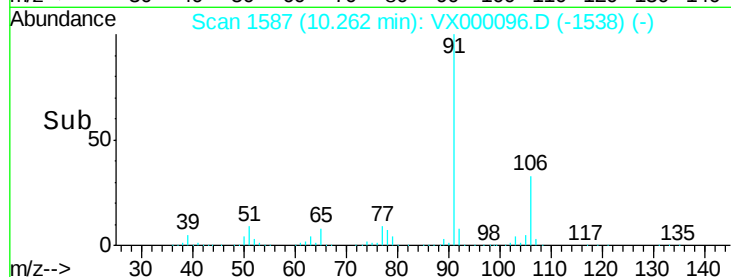
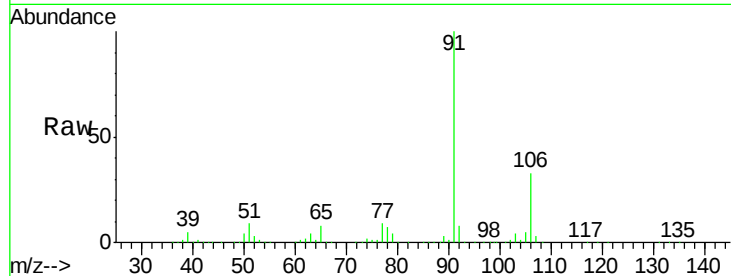
106 33.5 25.8 38.6

Manual Integrations

APPROVED

sam

2/16/2018 3:40:16 PM



#68

m/p-Xylenes

Concen: 100.34 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000096.D

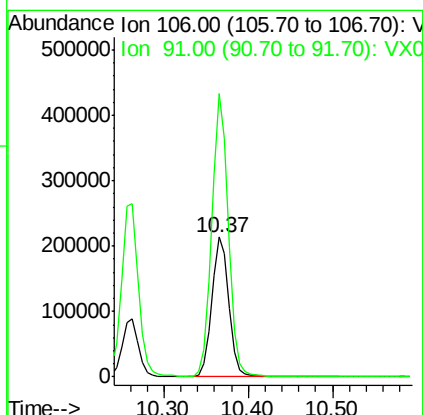
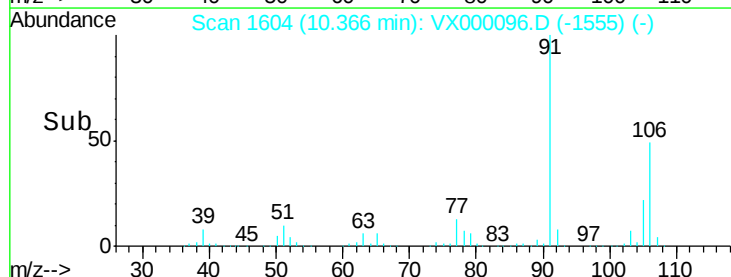
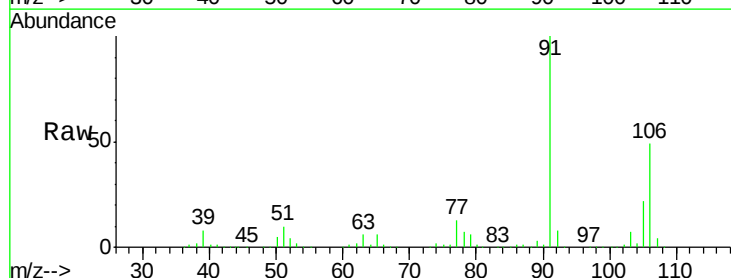
Acq: 15 Feb 2018 10:48

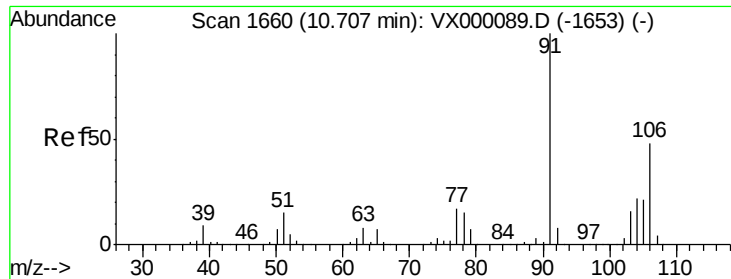
Tgt Ion: 106 Resp: 299379

Ion Ratio Lower Upper

106 100

91 197.7 159.1 238.7





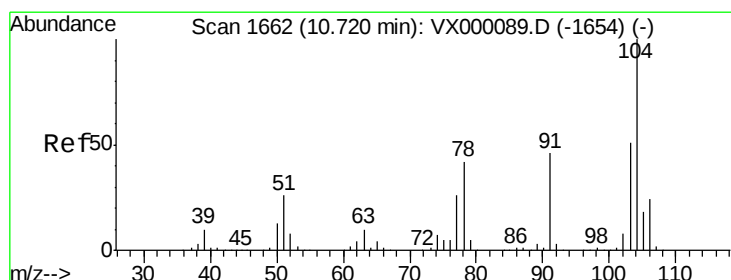
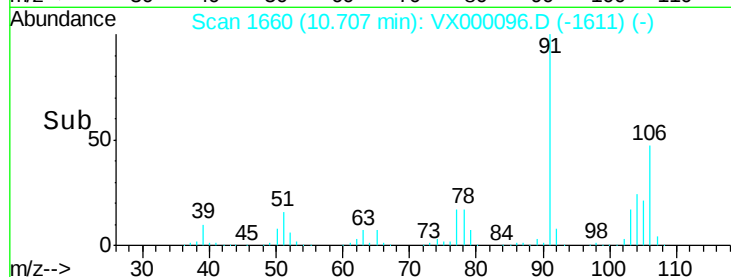
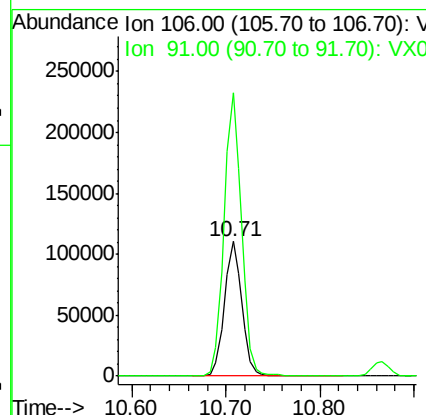
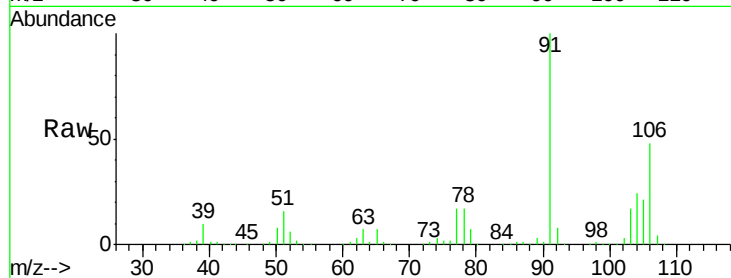
#69
o-Xylene
Concen: 49.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 142245
Ion Ratio Lower Upper
106 100
91 210.7 103.8 311.6

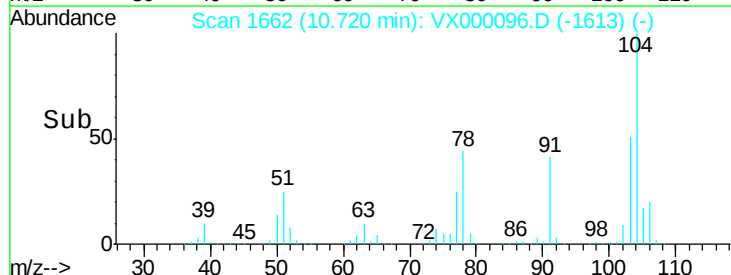
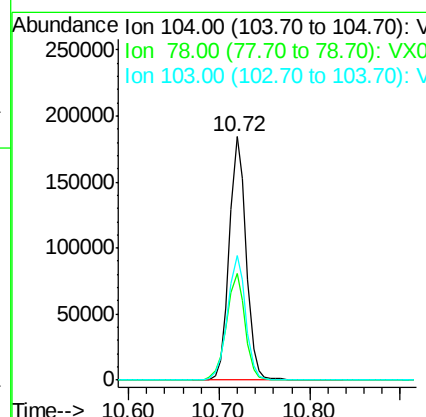
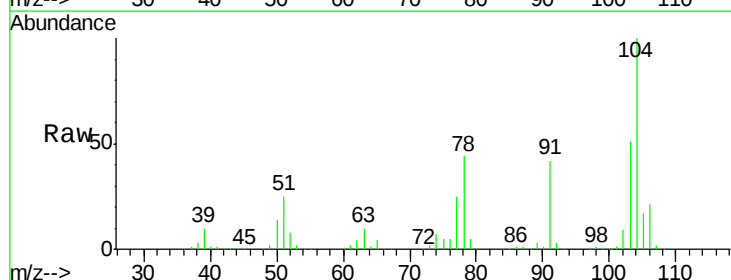
Manual Integrations
APPROVED

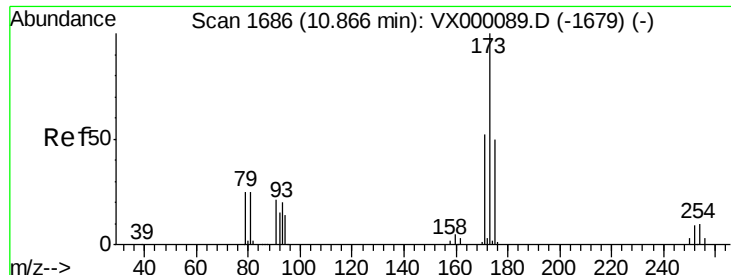
sam
2/16/2018 3:40:16 PM



#70
Styrene
Concen: 50.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion:104 Resp: 239906
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.4
103 55.4 44.2 66.4





#71

Bromoform

Concen: 52.58 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

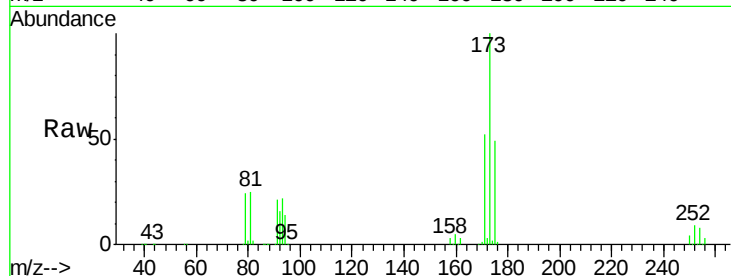
ClientSampled :

VSTDCCC050

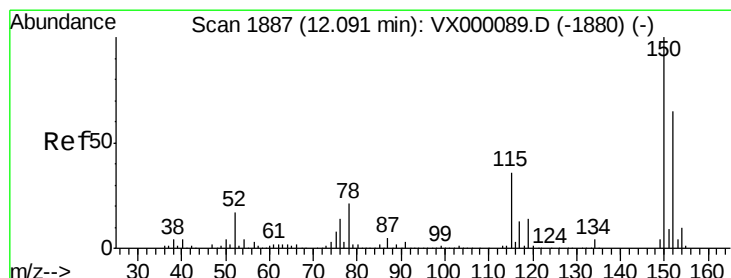
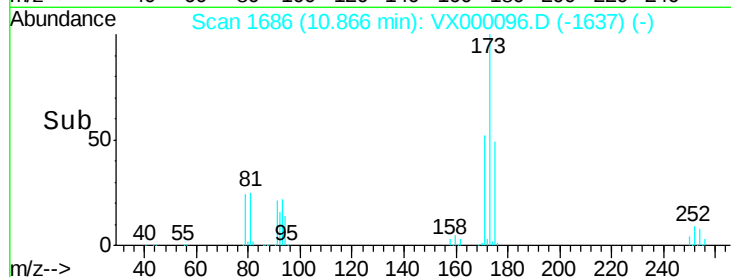
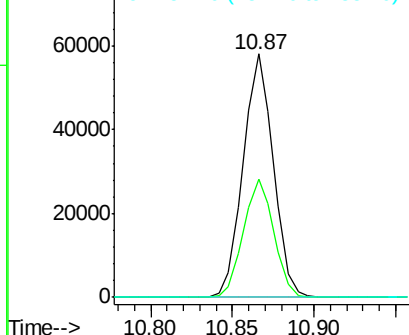
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	73.0
254	0.1	0.0	0.0

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

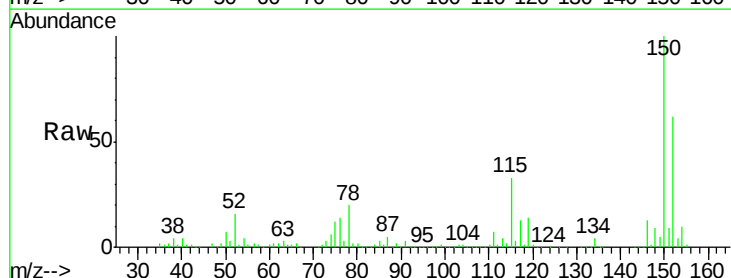
RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

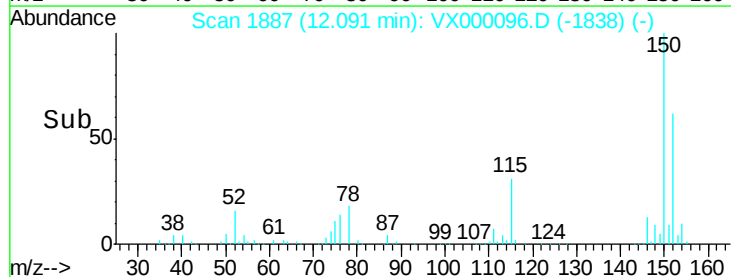
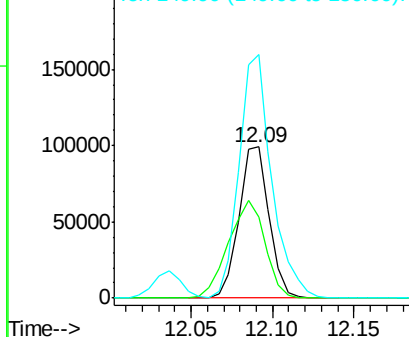
Lab File: VX000096.D

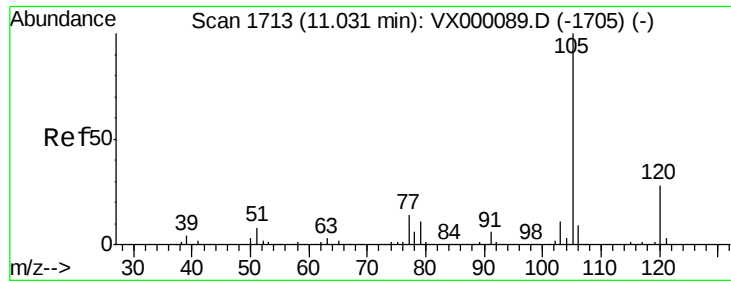
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	39.1	117.2
150	174.5	0.0	348.2



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: 47.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 387457

Ion Ratio Lower Upper

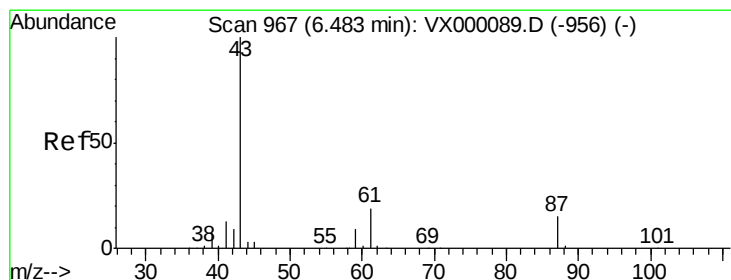
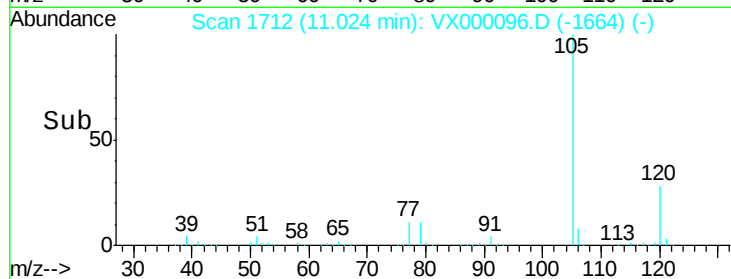
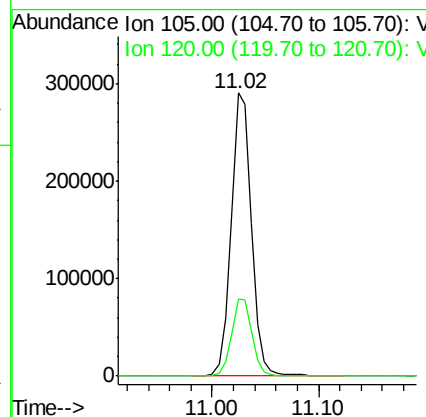
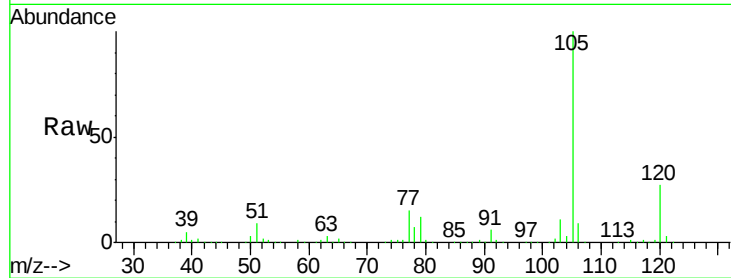
105 100

120 27.8 14.0 42.0

Manual Integrations
APPROVED

sam

2/16/2018 3:40:16 PM



#74

N-ethyl acetate

Concen: 44.59 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion: 43 Resp: 182053

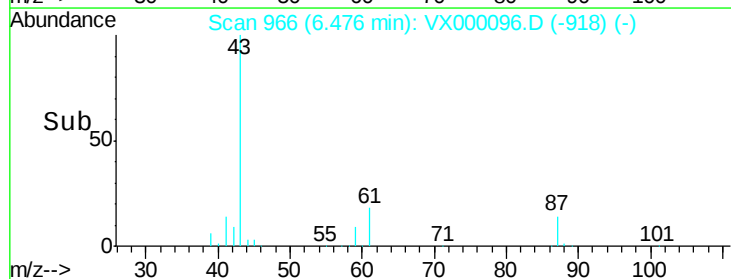
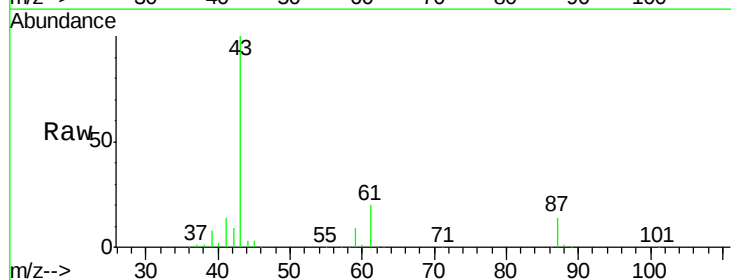
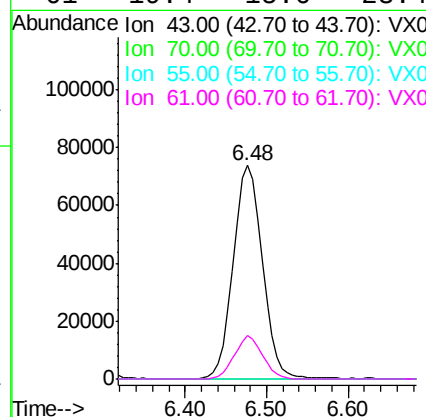
Ion Ratio Lower Upper

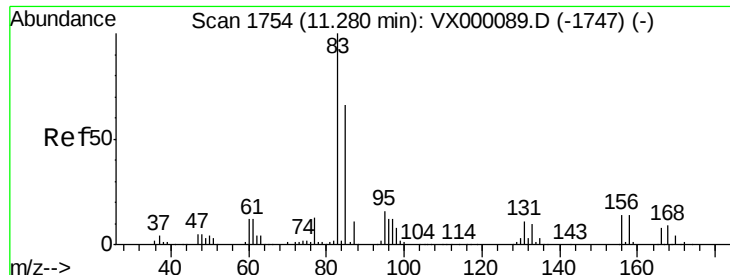
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.4 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.22 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion: 83 Resp: 130104
Ion Ratio Lower Upper

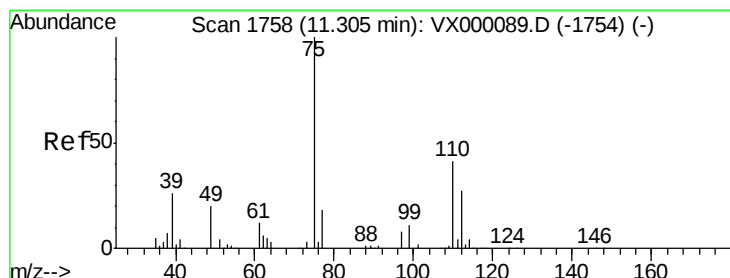
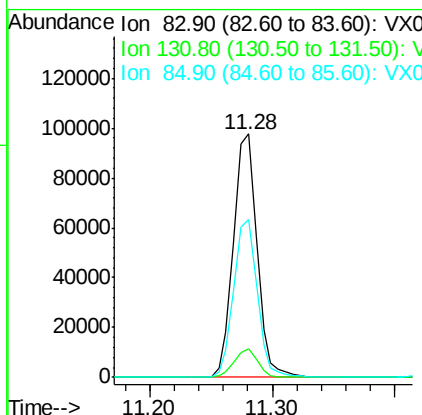
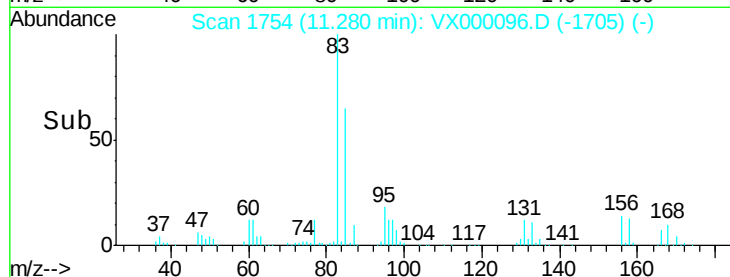
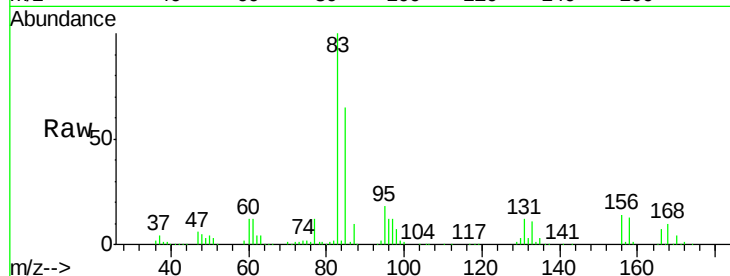
83 100

131 11.5 5.6 16.8

85 65.3 32.3 96.8

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#76

1,2,3-Trichloropropane

Concen: 54.15 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

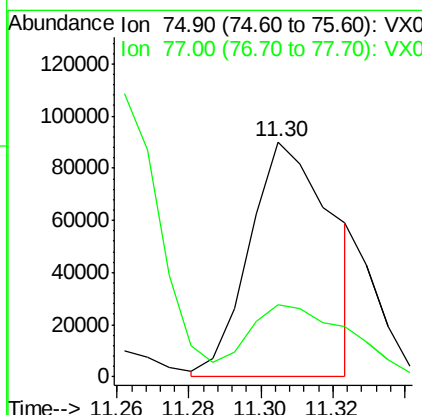
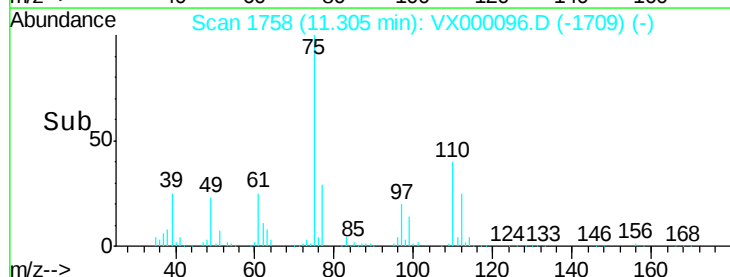
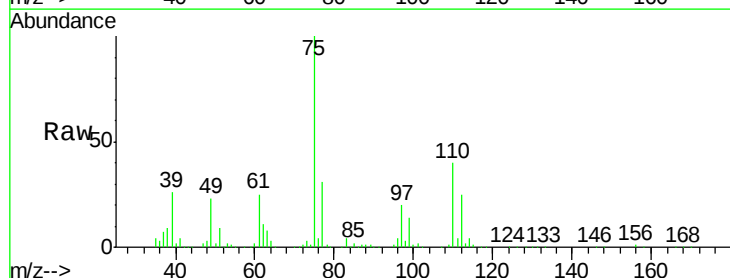
Lab File: VX000096.D

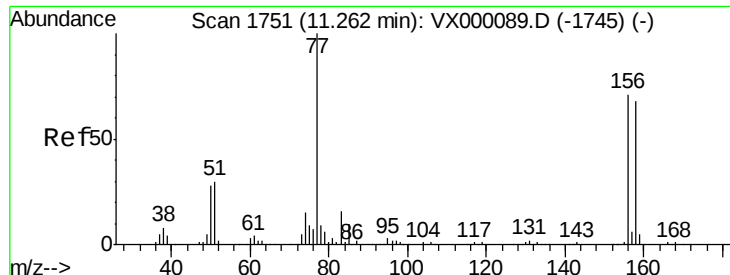
Acq: 15 Feb 2018 10:48

Tgt Ion: 75 Resp: 143045
Ion Ratio Lower Upper

75 100

77 37.7 22.8 68.3





#77

Bromobenzene

Concen: 48.09 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

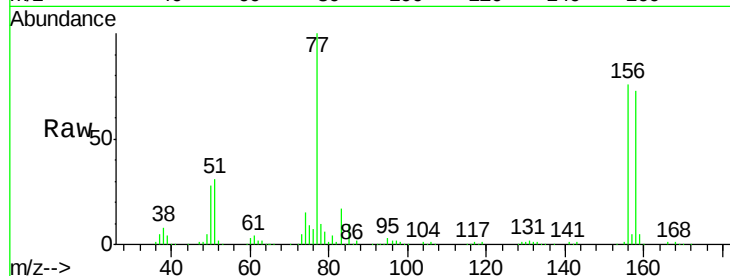
ClientSampled :

VSTDCCC050

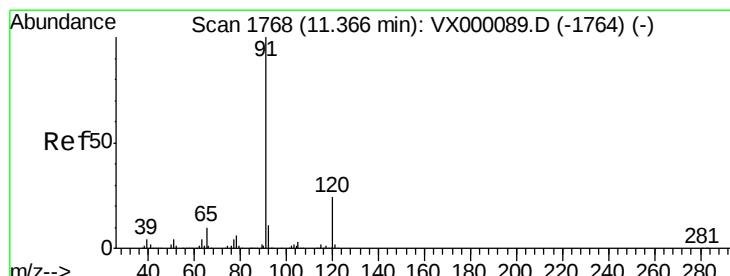
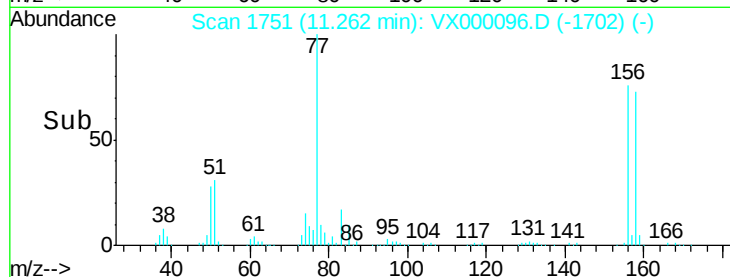
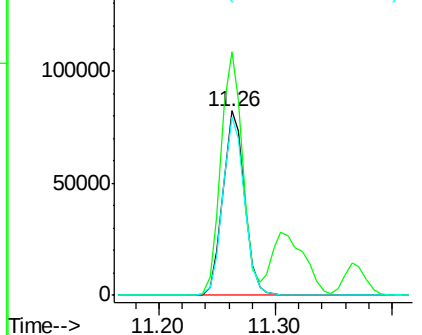
Tot Ion:	156	Resp:	105332
Ion Ratio	Lower	Upper	
156	100		
77	132.6	67.0	201.0
158	96.8	48.3	144.9

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.16 ug/l

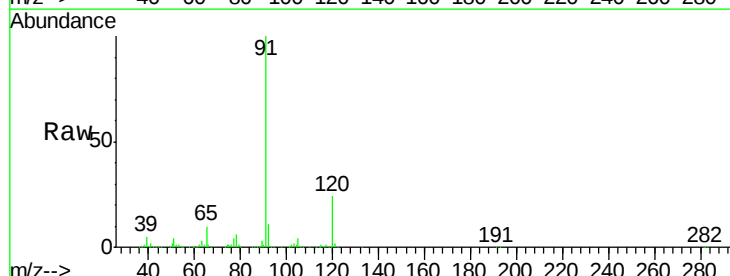
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

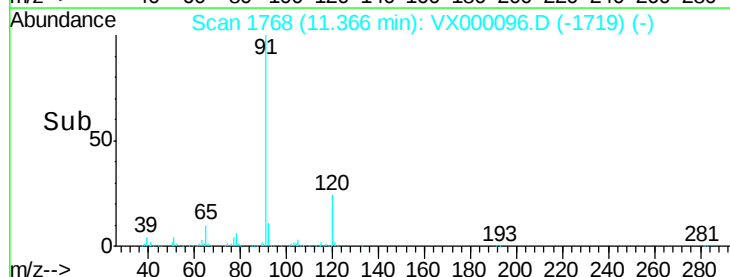
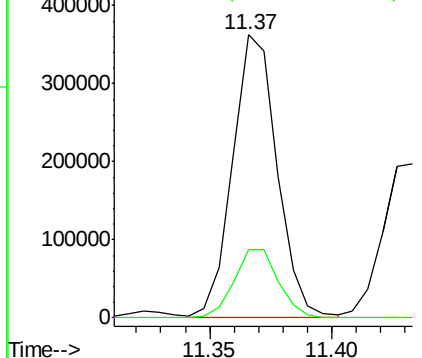
Lab File: VX000096.D

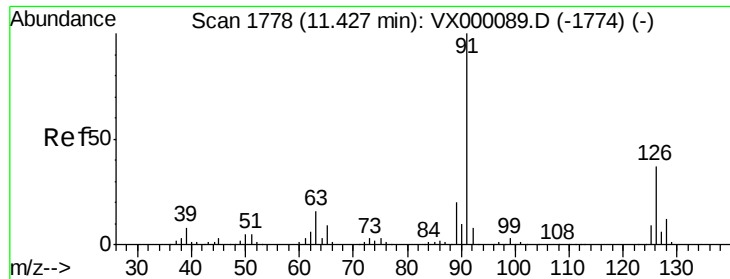
Acq: 15 Feb 2018 10:48

Tgt Ion:	91	Resp:	458880
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





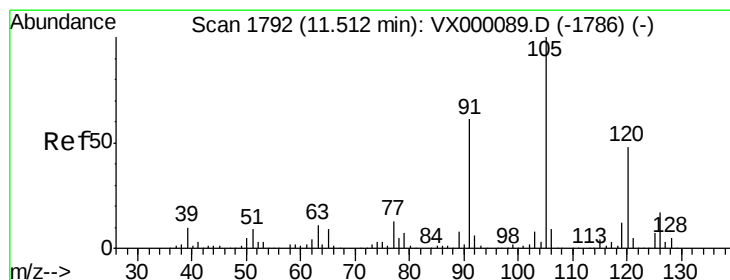
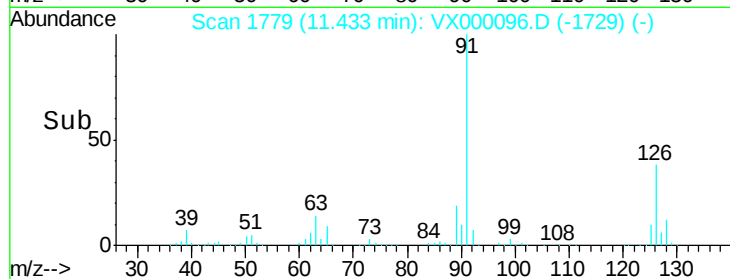
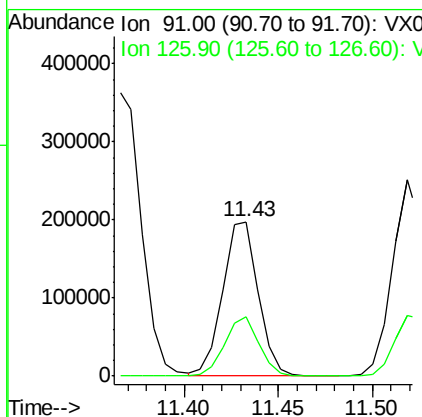
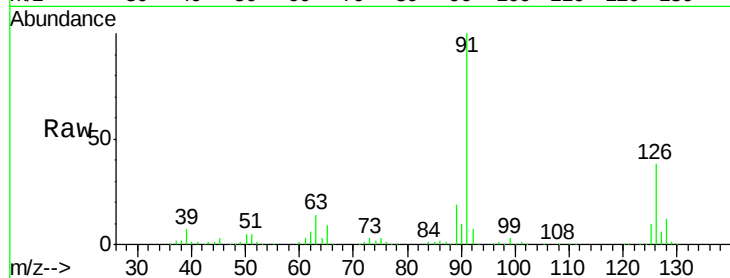
#79
 2-Chlorotoluene
 Concen: 47.82 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 260721
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.2

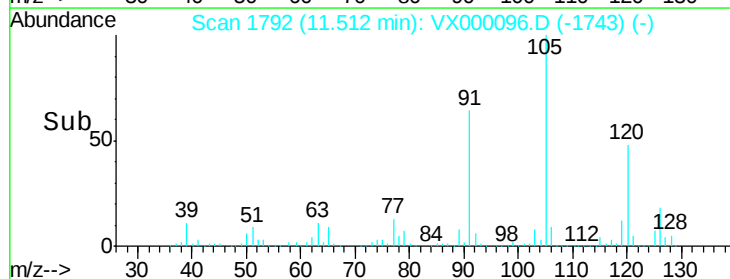
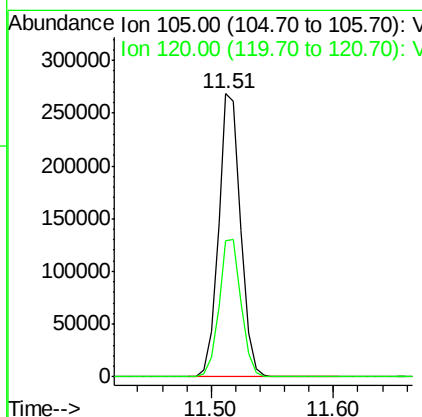
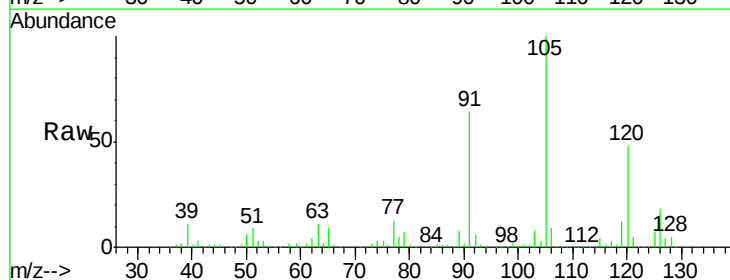
Manual Integrations
 APPROVED

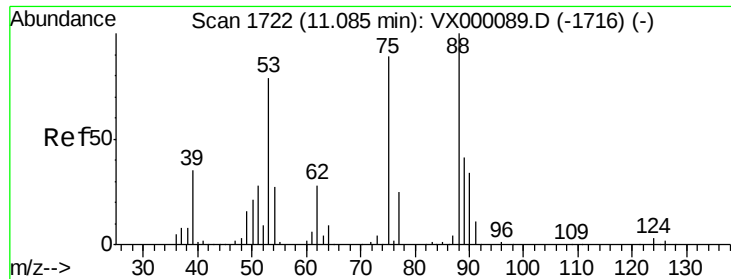
sam
 2/16/2018 3:40:16 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.19 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion: 105 Resp: 336107
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.6





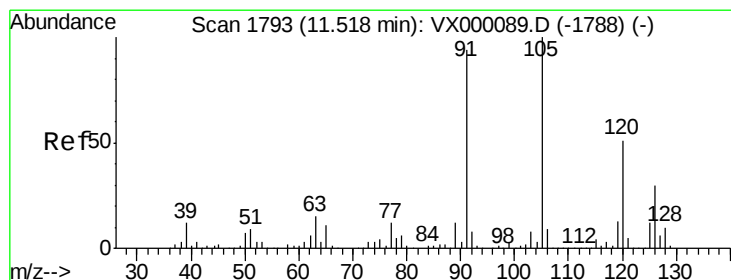
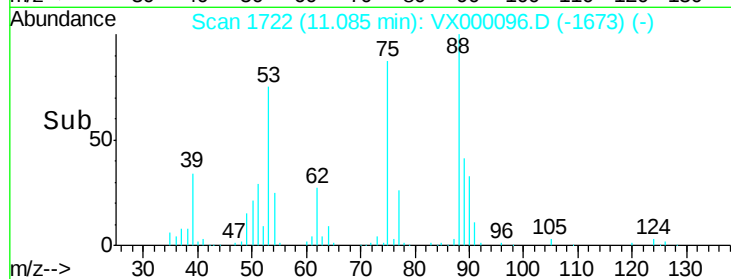
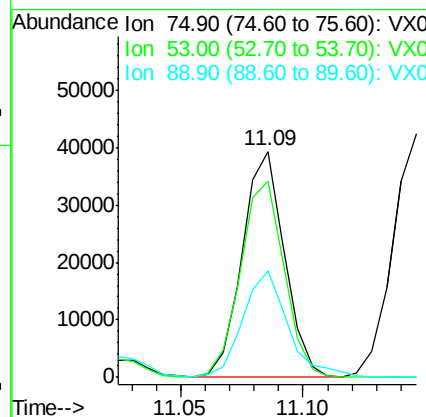
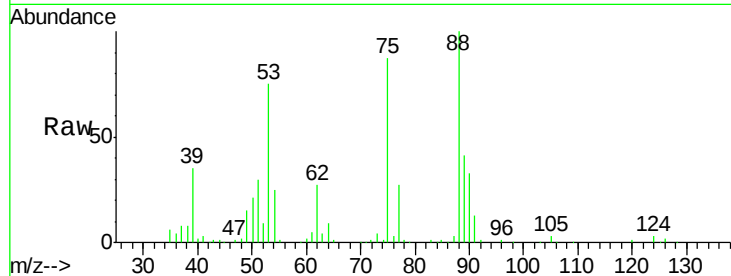
#81
trans-1,4-Dichloro-2-butene
Concen: 50.56 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 46900
Ion Ratio Lower Upper
75 100
53 90.5 72.3 108.5
89 51.0 40.6 60.8

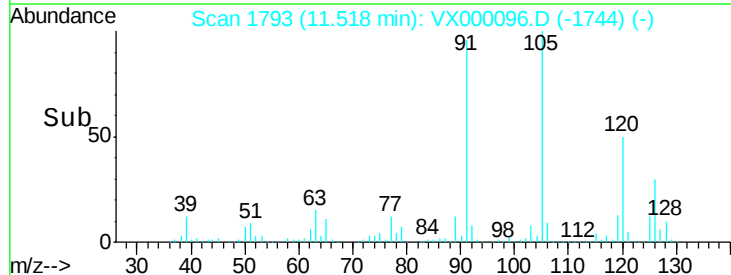
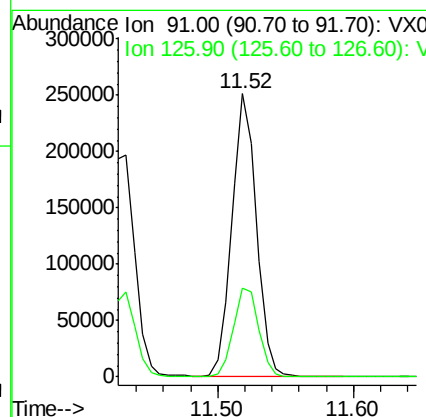
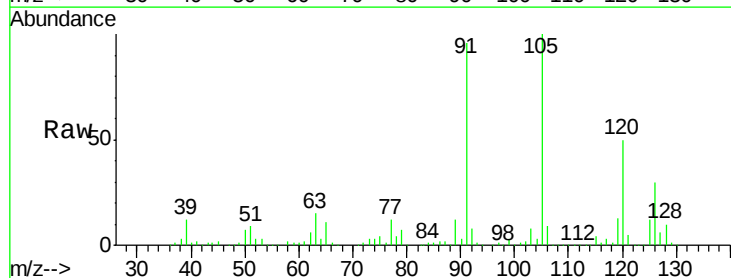
Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#82
4-Chlorotoluene
Concen: 47.69 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion: 91 Resp: 314545
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





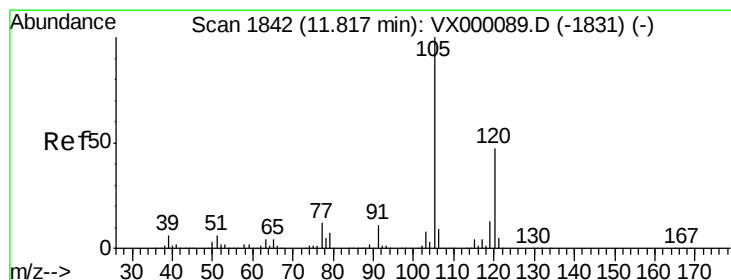
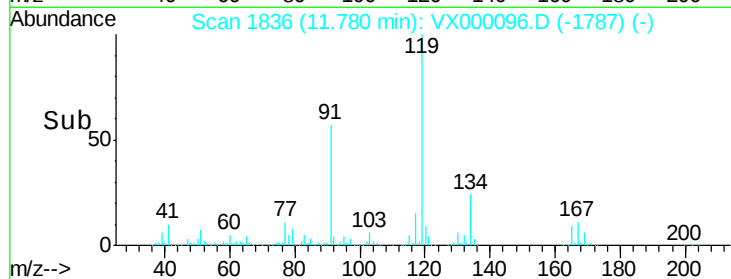
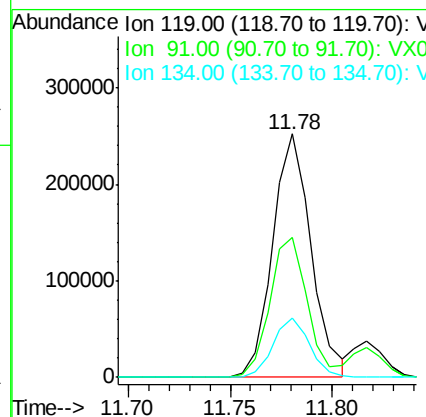
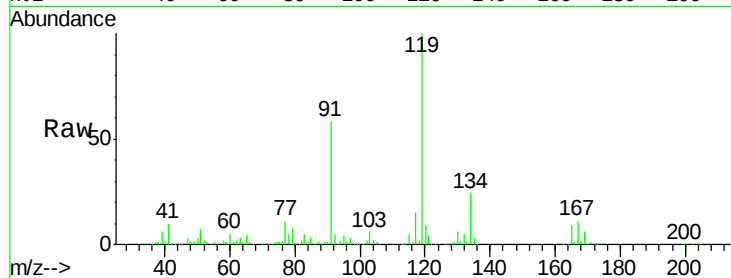
#83
 tert-Butylbenzene
 Concen: 48.11 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	331958		
91	55.3	28.4	85.2	
134	23.4	11.8	35.4	

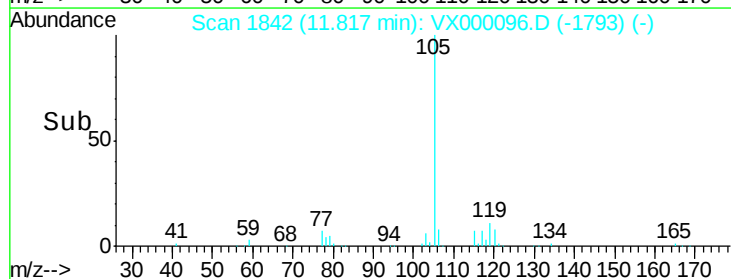
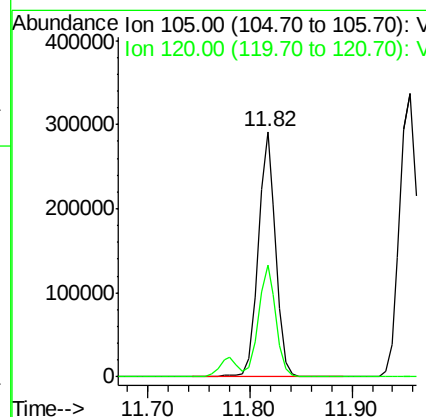
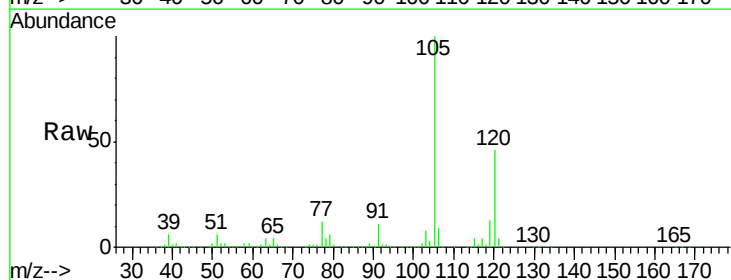
Manual Integrations
 APPROVED

sam
 2/16/2018 3:40:16 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.99 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	347533		
120	45.9	23.1	69.2	





#85

sec-Butylbenzene

Concen: 48.36 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 414392

Ion Ratio Lower Upper

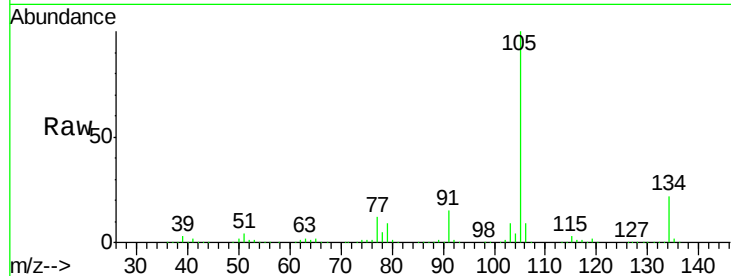
105 100

134 21.4 10.5 31.6

Manual Integrations
APPROVED

sam

2/16/2018 3:40:16 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

400000

300000

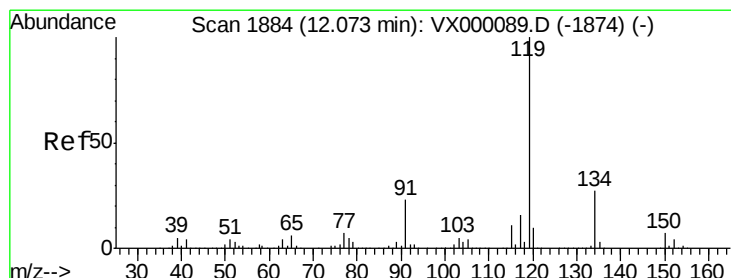
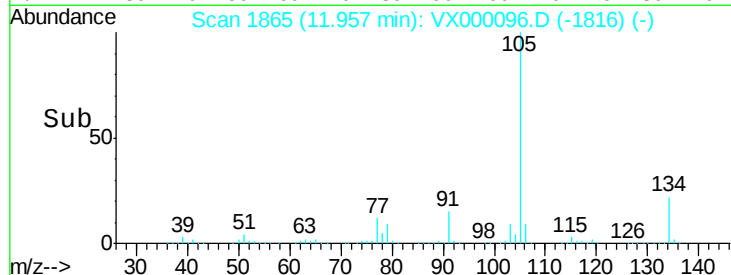
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 49.51 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

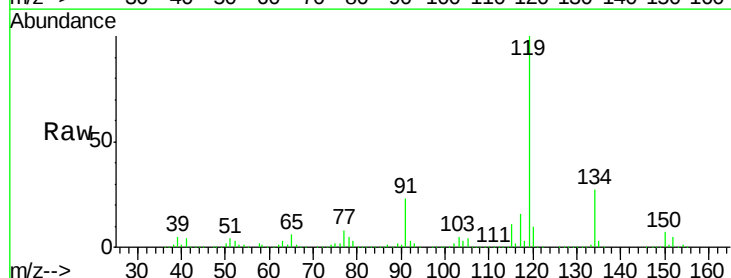
Tgt Ion:119 Resp: 379127

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

91 23.2 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

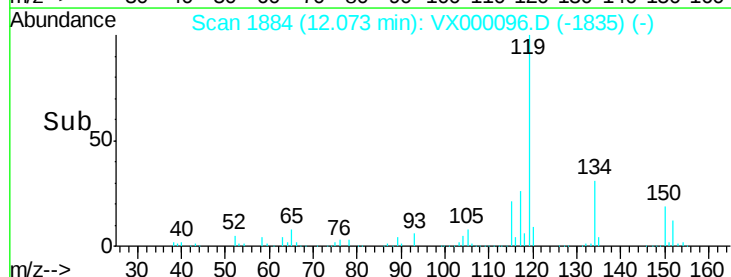
200000

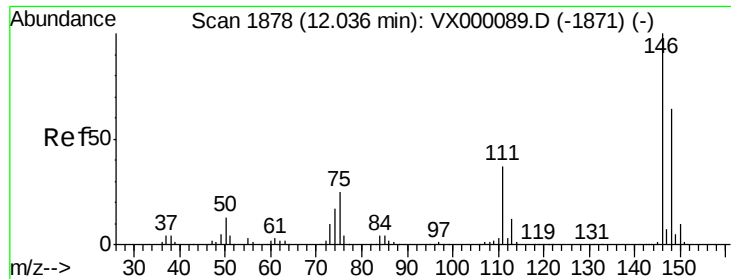
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 48.24 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Instrument :

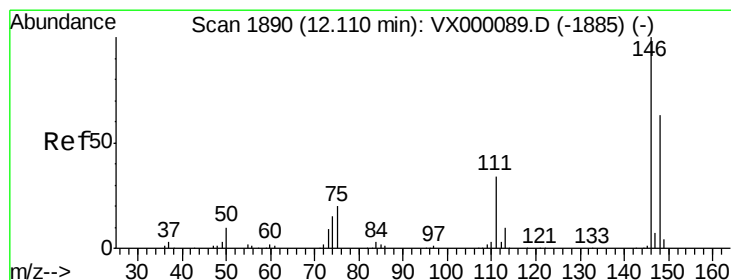
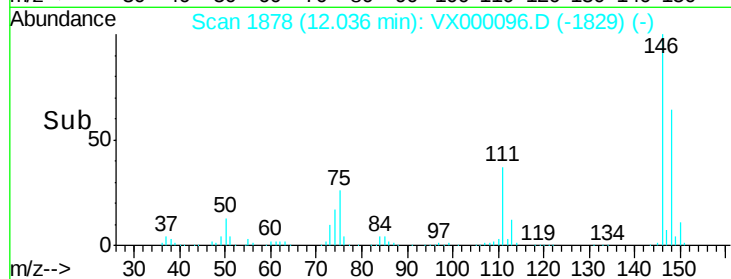
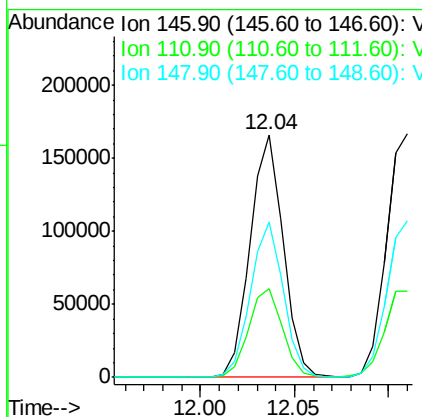
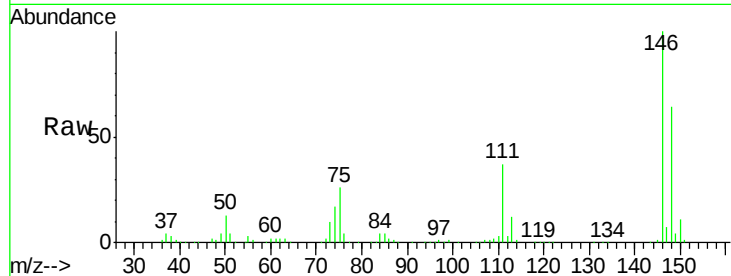
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	202738
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.1	57.3
148	63.7	32.2	96.6

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#88

1,4-Dichlorobenzene

Concen: 47.80 ug/l

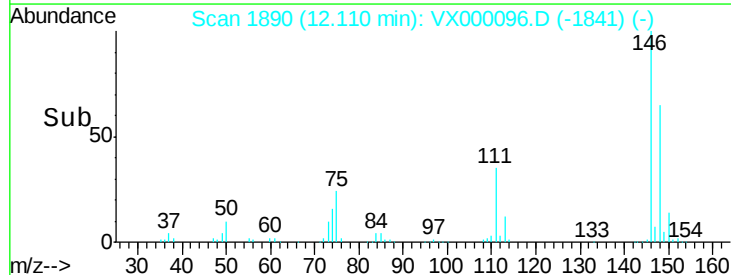
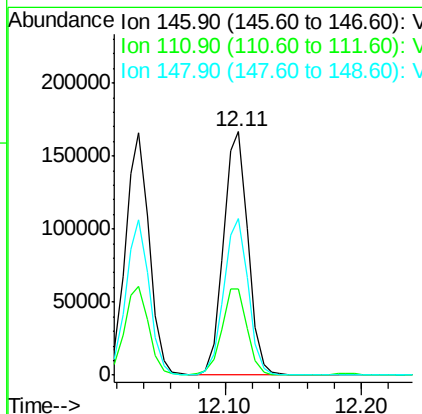
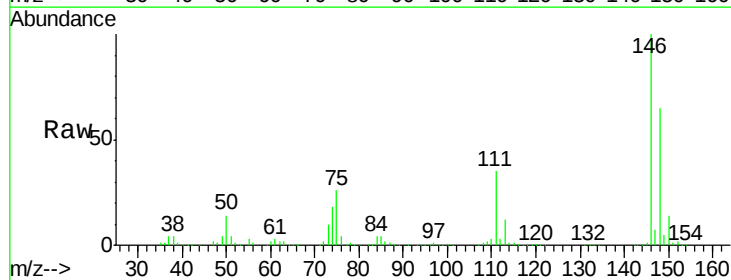
RT: 12.11 min Scan# 1890

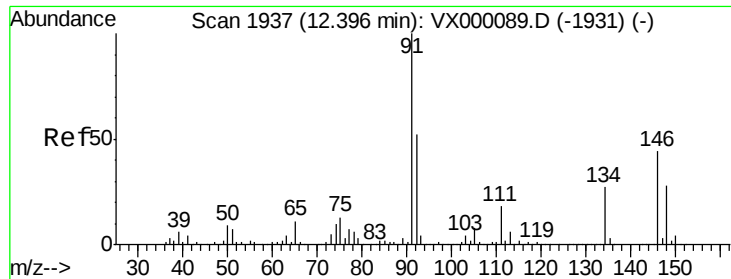
Delta R.T. 0.00 min

Lab File: VX000096.D

Acq: 15 Feb 2018 10:48

Tgt Ion:	146	Resp:	207528
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.4	55.0
148	64.1	31.9	95.9





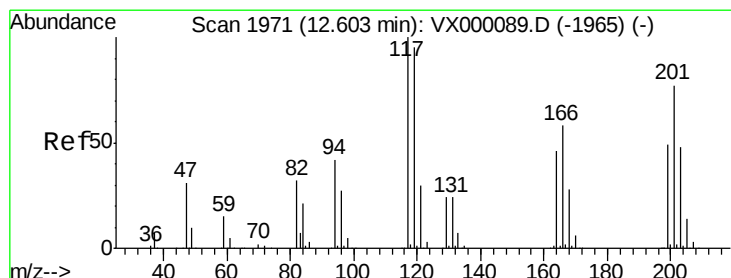
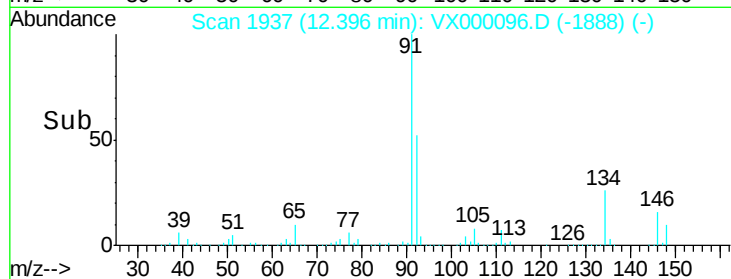
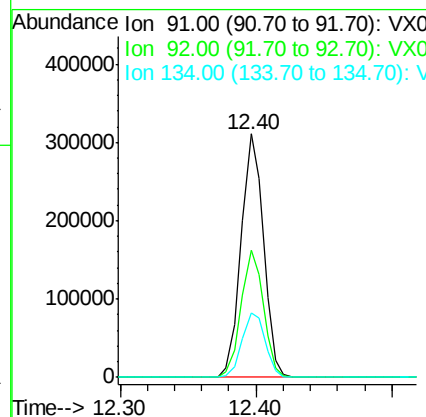
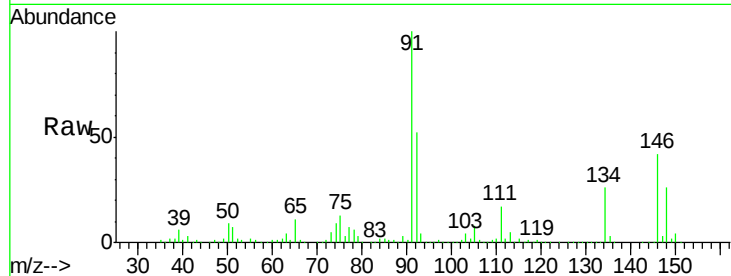
#89
n-Butylbenzene
Concen: 49.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.6
134	27.4	14.3	42.9

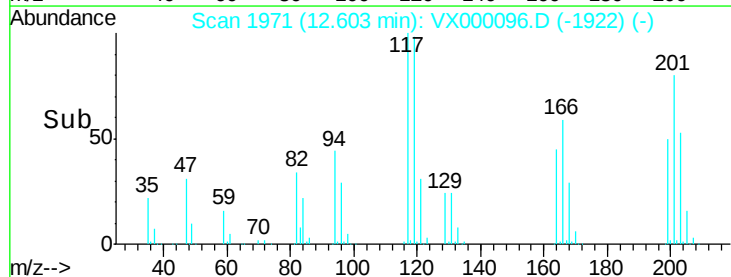
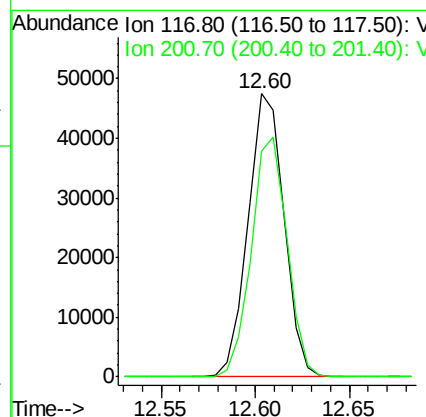
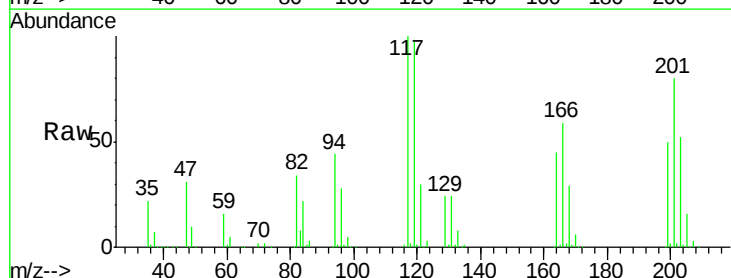
Manual Integrations
APPROVED

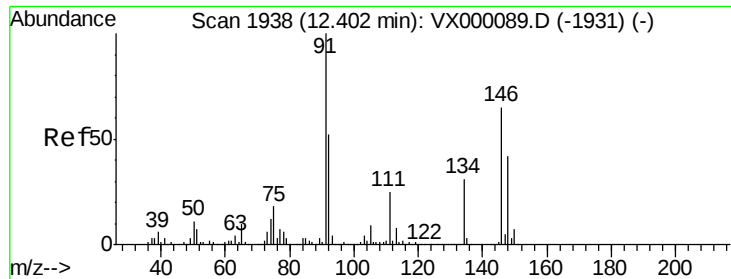
sam
2/16/2018 3:40:16 PM



#90
Hexachloroethane
Concen: 50.41 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	41.1	123.4





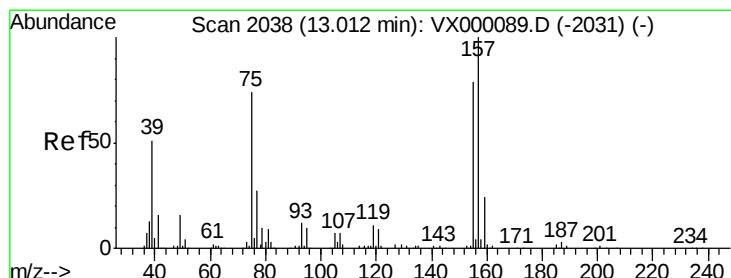
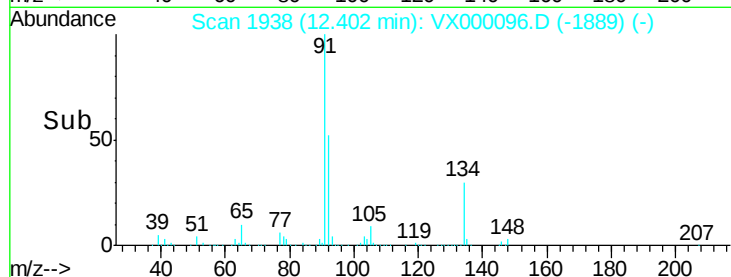
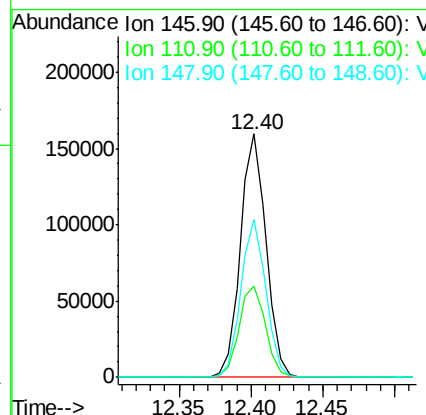
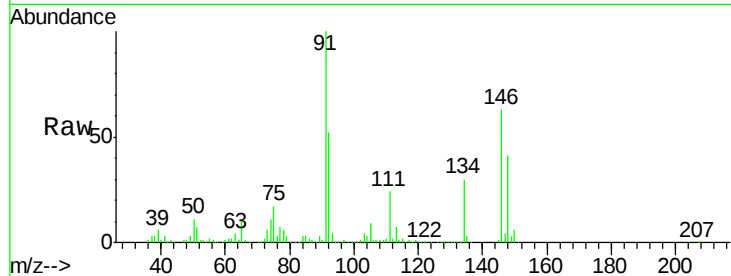
#91
 1,2-Dichlorobenzene
 Concen: 47.83 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	197814		
111	38.7	19.6	58.8	
148	63.5	32.4	97.0	

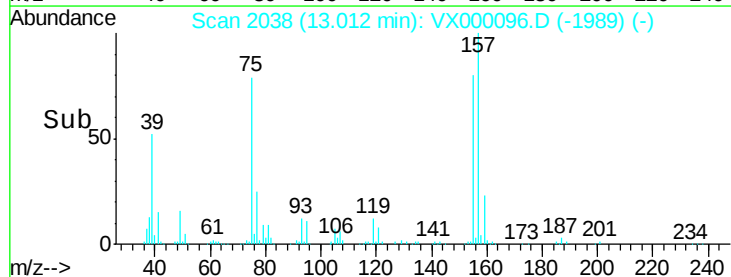
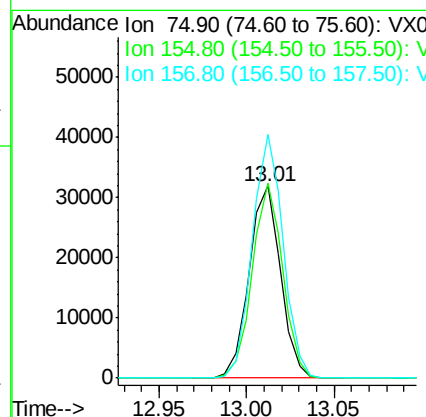
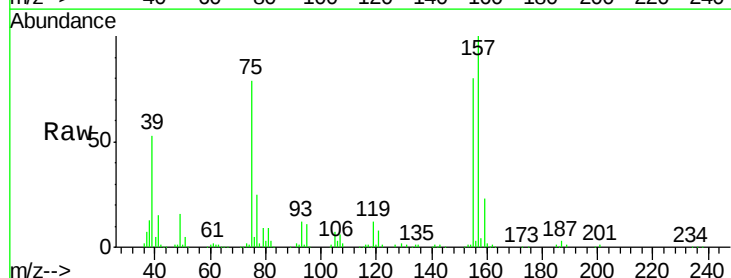
Manual Integrations
 APPROVED

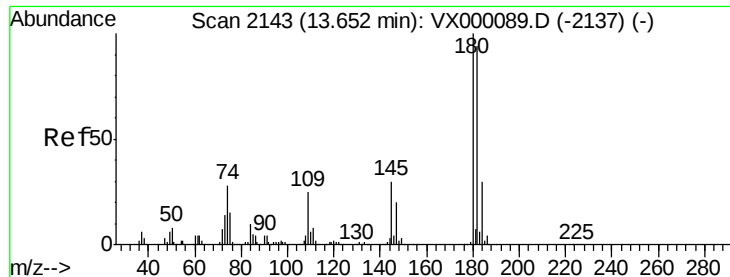
sam
 2/16/2018 3:40:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.93 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39791		
155	98.1	49.3	147.9	
157	124.5	63.7	191.1	





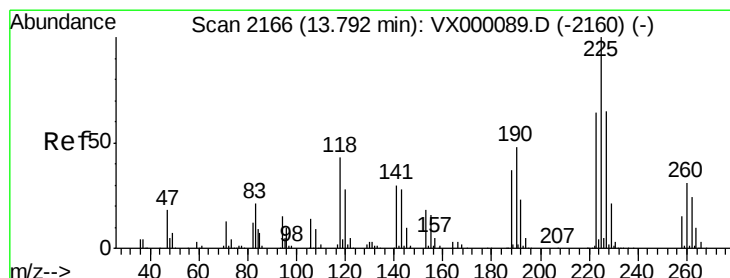
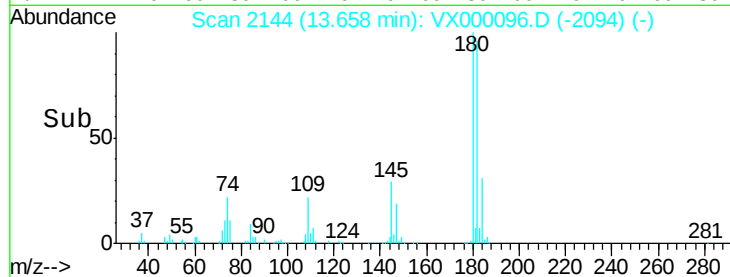
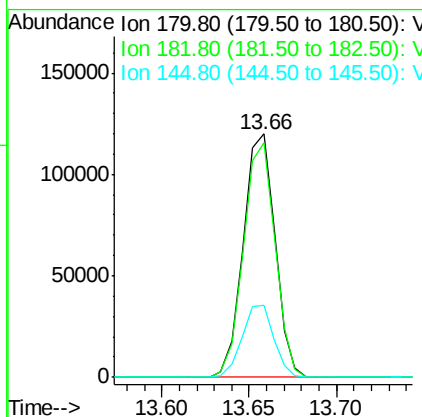
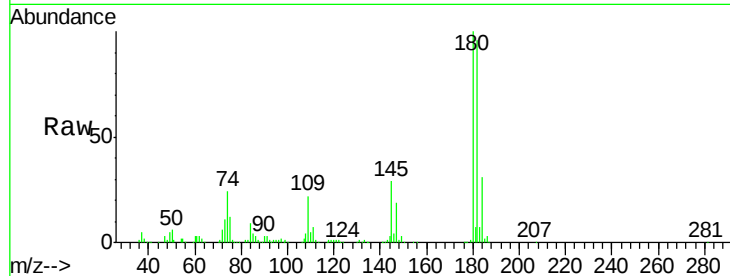
#93
 1,2,4-Trichlorobenzene
 Concen: 49.11 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Instrument :
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152393		
182	95.8	47.8	143.4	
145	29.5	14.7	44.1	

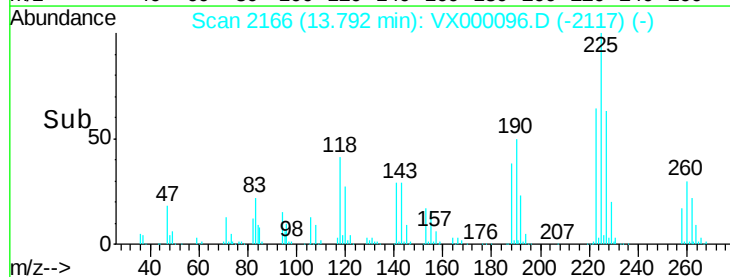
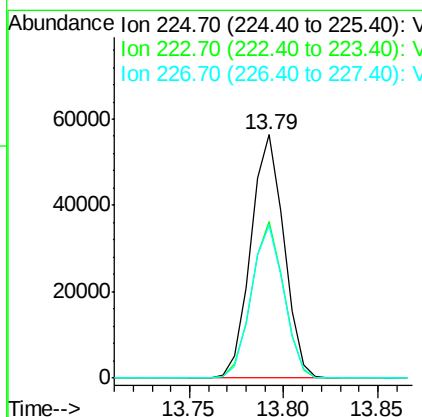
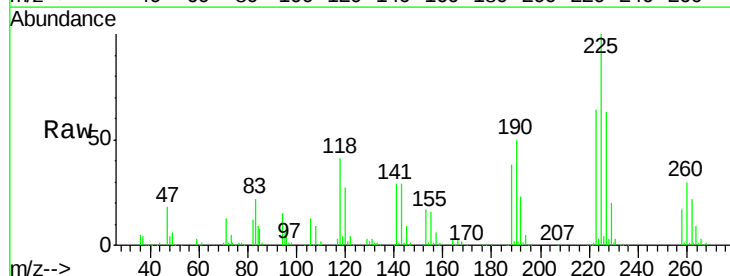
Manual Integrations
 APPROVED

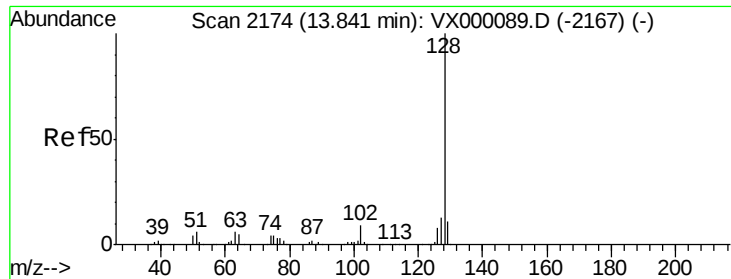
sam
 2/16/2018 3:40:16 PM



#94
 Hexachlorobutadiene
 Concen: 50.52 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000096.D
 Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68403		
223	62.9	31.9	95.7	
227	62.1	32.8	98.4	





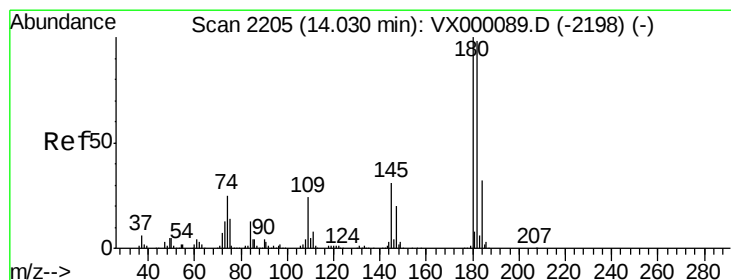
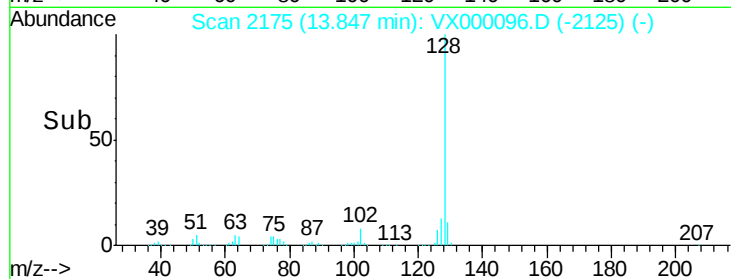
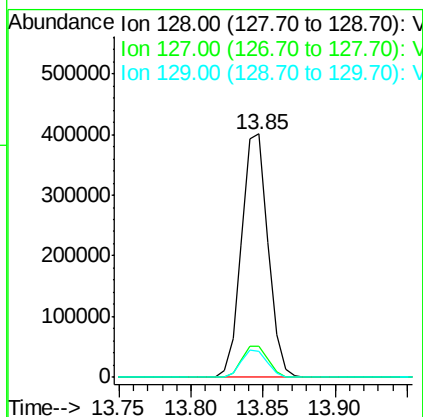
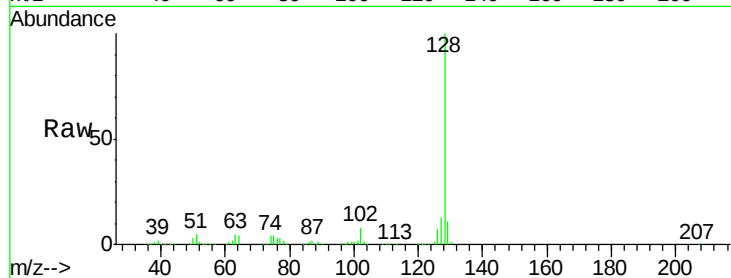
#95
Naphthalene
Concen: 48.59 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Instrument :
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

sam
2/16/2018 3:40:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.21 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000096.D
Acq: 15 Feb 2018 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.2	144.6
145	31.3	15.3	45.9

