

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000088.D
 Acq On : 14 Feb 2018 15:44
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

sam
 2/16/2018 1:20:56 PM

Quant Time: Feb 15 03:10:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 02:51:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	120063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	30712	23.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.22%	
35) Dibromofluoromethane	5.51	113	24680	20.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.60%	
50) Toluene-d8	8.73	98	96841	21.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.24%	
62) 4-Bromofluorobenzene	11.15	95	37380	20.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25867	23.16	ug/l	100
3) Chloromethane	1.32	50	24900	22.22	ug/l	97
4) Vinyl Chloride	1.40	62	28783	22.70	ug/l	97
5) Bromomethane	1.64	94	23774	31.72	ug/l	96
6) Chloroethane	1.73	64	18459	24.05	ug/l	97
7) Trichlorofluoromethane	1.93	101	49248	22.27	ug/l	97
8) Diethyl Ether	2.20	74	17557	22.03	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26837	21.49	ug/l	97
10) Methyl Iodide	2.52	142	28949	20.72	ug/l	99
11) Tert butyl alcohol	3.07	59	58152	111.33	ug/l	99
12) 1,1-Dichloroethene	2.38	96	25817	21.87	ug/l	94
13) Acrolein	2.30	56	26884	103.10	ug/l	97
14) Allyl chloride	2.73	41	43784	21.24	ug/l	100
15) Acrylonitrile	3.15	53	100695	112.13	ug/l	100
16) Acetone	2.45	43	97447	123.63	ug/l	100
17) Carbon Disulfide	2.57	76	72486	21.21	ug/l	96
18) Methyl Acetate	2.78	43	46943	24.25	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	88848	21.96	ug/l	100
20) Methylene Chloride	2.86	84	27473	21.80	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	27496	21.59	ug/l	96
22) Diisopropyl ether	3.88	45	69620	20.42	ug/l	93
23) Vinyl Acetate	3.83	43	330581	107.14	ug/l	97
24) 1,1-Dichloroethane	3.71	63	46773	22.70	ug/l	98
25) 2-Butanone	4.72	43	137653	118.09	ug/l	99
26) 2,2-Dichloropropane	4.59	77	38799	21.47	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	26732	21.56	ug/l	98
28) Bromochloromethane	5.03	49	20424	27.63	ug/l	94
29) Tetrahydrofuran	5.18	42	88214	111.45	ug/l	100
30) Chloroform	5.23	83	46272	21.71	ug/l	99
31) Cyclohexane	5.59	56	37481	21.64	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	42848	21.36	ug/l	100
36) 1,1-Dichloropropene	5.81	75	35575	20.22	ug/l	97
37) Ethyl Acetate	4.88	43	47330	20.63	ug/l	98
38) Carbon Tetrachloride	5.80	117	38078	19.38	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
 Data File : VX000088.D
 Acq On : 14 Feb 2018 15:44
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

sam
 2/16/2018 1:20:56 PM

Quant Time: Feb 15 03:10:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 02:51:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	43283	20.32	ug/l	96
40) Benzene	6.16	78	101103	20.36	ug/l	97
41) Methacrylonitrile	5.08	41	24713	20.99	ug/l	99
42) 1,2-Dichloroethane	6.21	62	38024	21.33	ug/l	99
43) Isopropyl Acetate	6.48	43	70532	20.49	ug/l	99
44) Trichloroethene	7.23	130	30063	19.73	ug/l	98
45) 1,2-Dichloropropane	7.52	63	25408	21.00	ug/l	98
46) Dibromomethane	7.67	93	19509	20.86	ug/l	98
47) Bromodichloromethane	7.91	83	36774	20.29	ug/l	95
48) Methyl methacrylate	7.79	41	34011	20.12	ug/l	99
49) 1,4-Dioxane	7.77	88	17614	390.76	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	257788	106.83	ug/l	97
52) Toluene	8.79	92	67587	20.23	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	42584	20.13	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	41467	20.11	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	28476	20.35	ug/l	98
56) Ethyl methacrylate	9.19	69	43663	20.36	ug/l	97
57) 1,3-Dichloropropane	9.38	76	44744	20.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	107081	100.83	ug/l	98
59) 2-Hexanone	9.51	43	217199	109.91	ug/l	100
60) Dibromochloromethane	9.59	129	31327	19.48	ug/l	95
61) 1,2-Dibromoethane	9.68	107	31625	20.61	ug/l	100
64) Tetrachloroethene	9.34	164	27481	18.93	ug/l	98
65) Chlorobenzene	10.15	112	82041	20.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28402	19.44	ug/l	97
67) Ethyl Benzene	10.26	91	136323	20.19	ug/l	98
68) m/p-Xylenes	10.37	106	107425	39.95	ug/l	99
69) o-Xylene	10.71	106	53085	20.45	ug/l	100
70) Styrene	10.72	104	87861	20.08	ug/l	98
71) Bromoform	10.87	173	25245	18.44	ug/l #	100
73) Isopropylbenzene	11.02	105	140615	19.87	ug/l	99
74) N-amyl acetate	6.48	43	70532	19.82	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.28	83	48043	19.92	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	43657m	20.62	ug/l	
77) Bromobenzene	11.26	156	37381	19.49	ug/l	96
78) n-propylbenzene	11.37	91	163030	19.82	ug/l	100
79) 2-Chlorotoluene	11.43	91	92484	19.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	119816	20.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	15620	18.50	ug/l	96
82) 4-Chlorotoluene	11.52	91	112787	19.87	ug/l	100
83) tert-Butylbenzene	11.78	119	118690	19.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	124059	20.37	ug/l	98
85) sec-Butylbenzene	11.96	105	149341	20.24	ug/l	99
86) p-Isopropyltoluene	12.07	119	131418	19.77	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	71039	19.62	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	73200	19.73	ug/l	98
89) n-Butylbenzene	12.40	91	124171	20.05	ug/l	98
90) Hexachloroethane	12.60	117	21688	18.77	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	70839	19.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13866	19.88	ug/l	95

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\
Data File : VX000088.D
Acq On : 14 Feb 2018 15:44
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDICC020

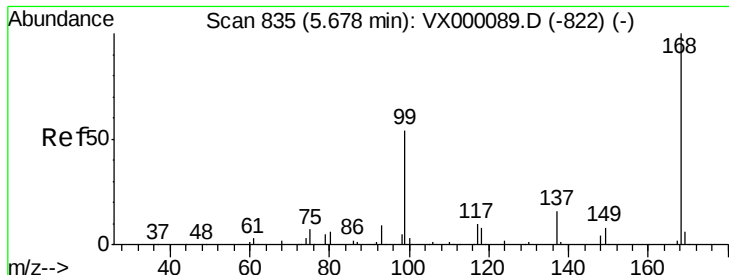
Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM

Quant Time: Feb 15 03:10:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 02:51:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51917	19.15	ug/l	98
94) Hexachlorobutadiene	13.79	225	22263	17.70	ug/l	99
95) Naphthalene	13.84	128	181106	20.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	52278	19.78	ug/l	99

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



#1

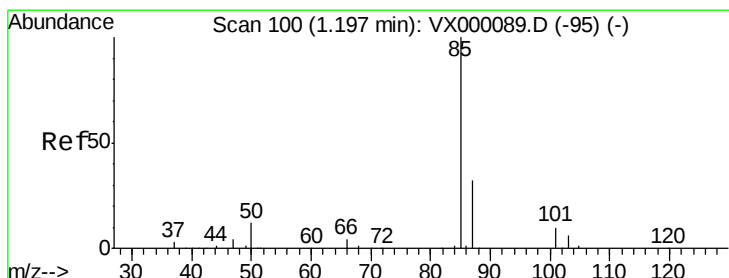
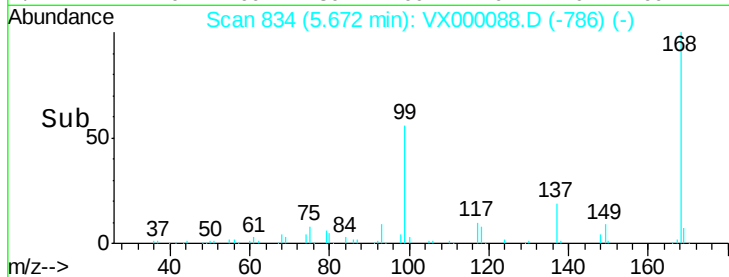
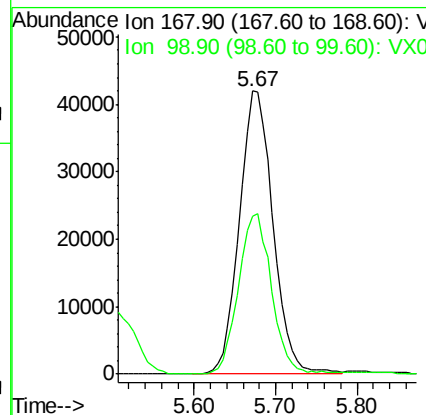
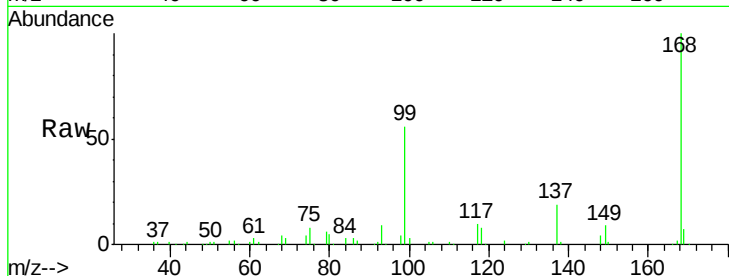
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		120063		
99	55.6	43.1	64.7		

Manual Integrations
 APPROVED

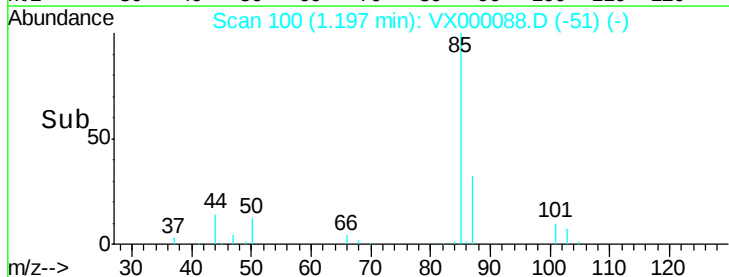
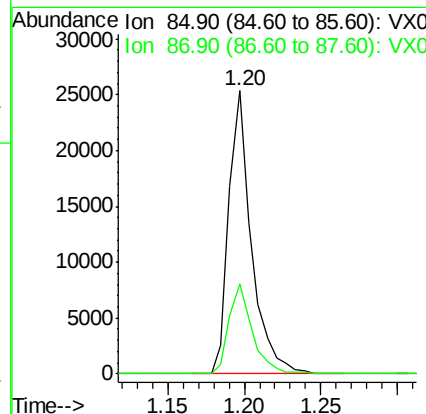
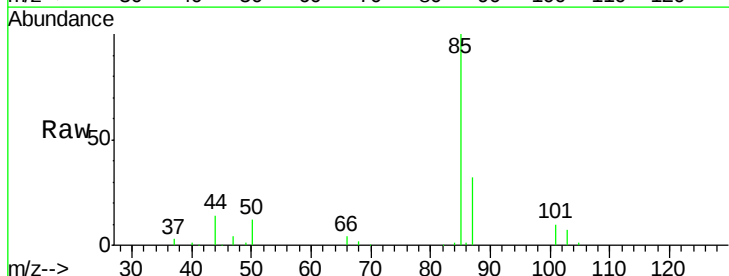
sam
 2/16/2018 1:20:56 PM

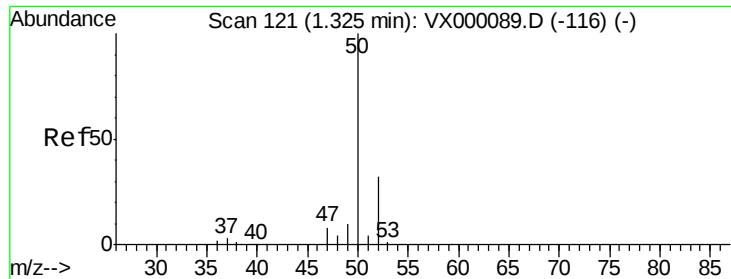


#2

Dichlorodifluoromethane
 Concen: 23.16 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		25867		
87	31.9	16.1	48.2		





#3

Chloromethane

Concen: 22.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion: 50 Resp: 24900

Ion Ratio Lower Upper

50 100

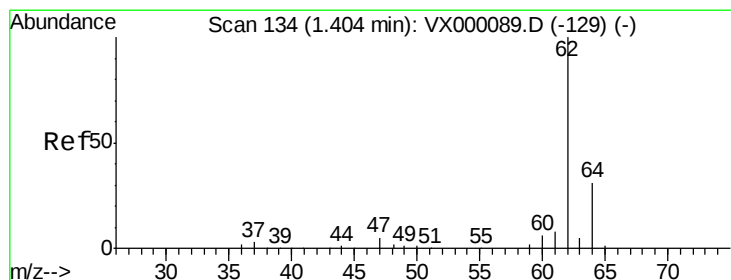
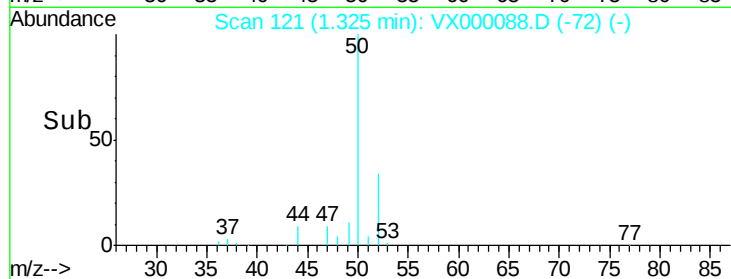
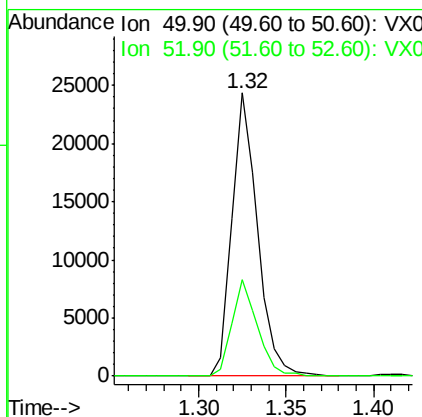
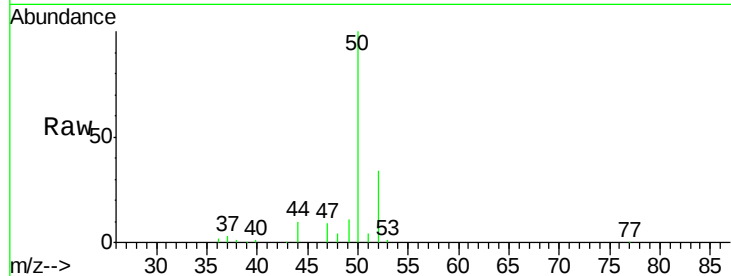
52 34.3 25.9 38.9

Manual Integrations

APPROVED

sam

2/16/2018 1:20:56 PM



#4

Vinyl Chloride

Concen: 22.70 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000088.D

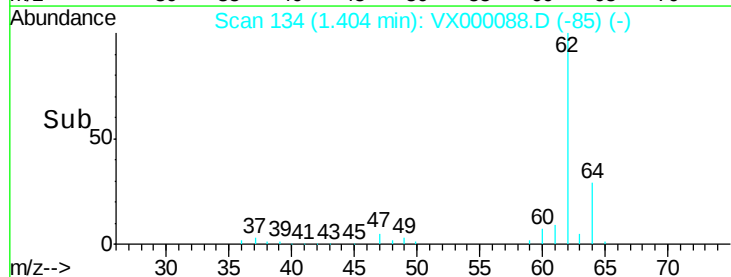
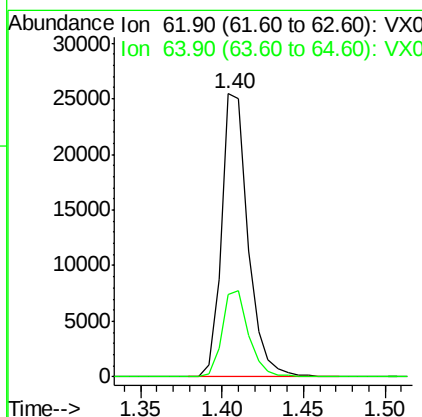
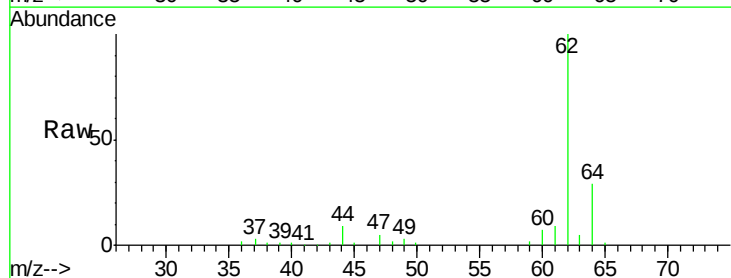
Acq: 14 Feb 2018 15:44

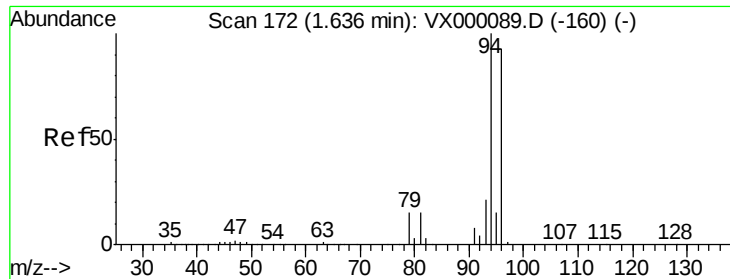
Tgt Ion: 62 Resp: 28783

Ion Ratio Lower Upper

62 100

64 29.3 24.6 37.0





#5

Bromomethane

Concen: 31.72 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion: 94 Resp: 23774

Ion Ratio Lower Upper

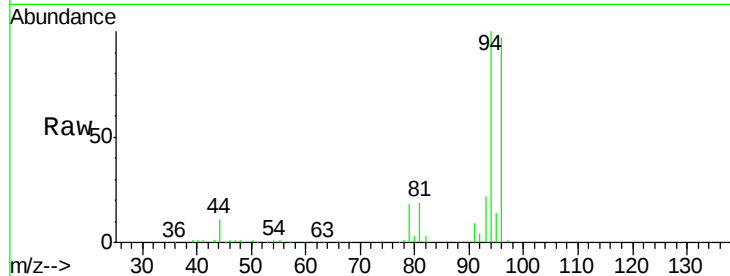
94 100

96 97.3 74.6 112.0

Manual Integrations
APPROVED

sam

2/16/2018 1:20:56 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

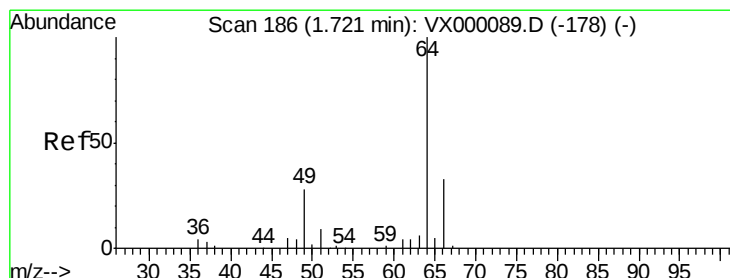
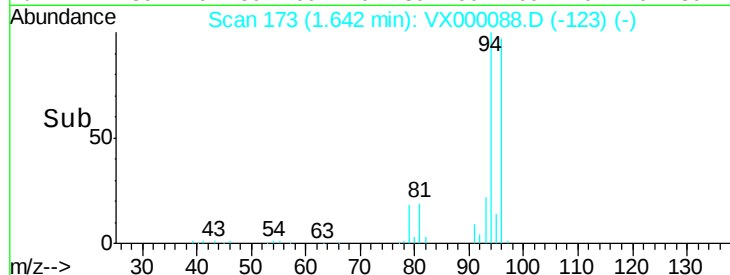
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 24.05 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000088.D

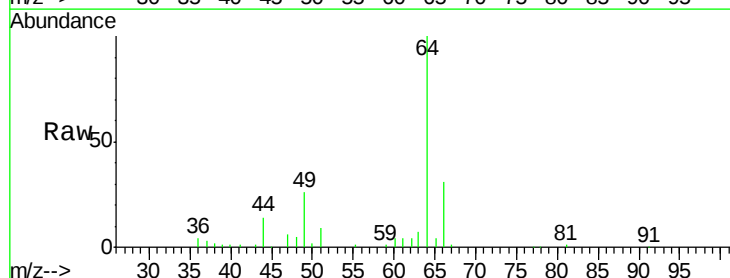
Acq: 14 Feb 2018 15:44

Tgt Ion: 64 Resp: 18459

Ion Ratio Lower Upper

64 100

66 31.0 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

15000

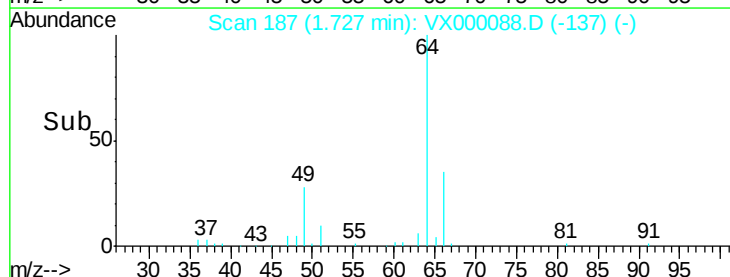
10000

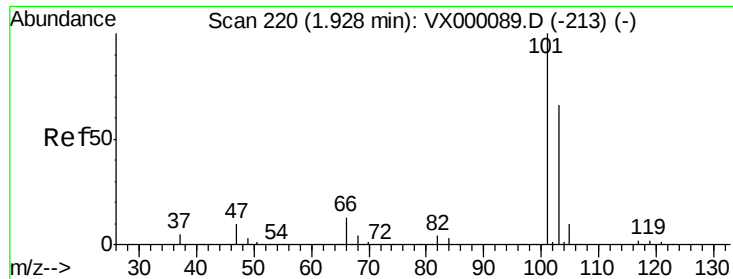
5000

0

Time-->

1.60 1.65 1.70 1.75 1.80





#7

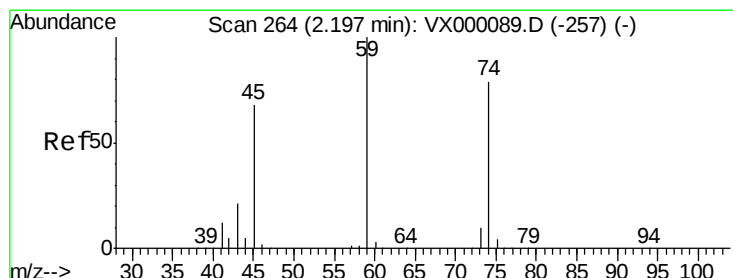
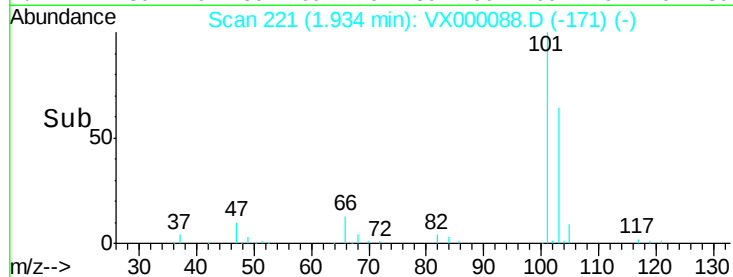
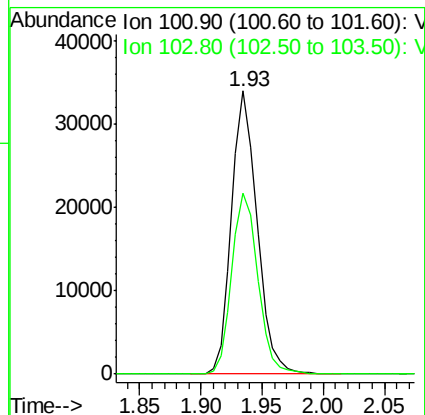
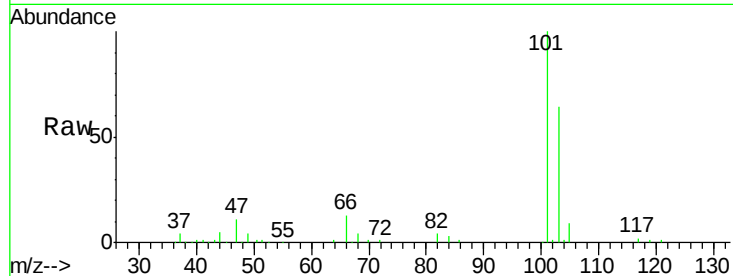
Trichlorofluoromethane
 Concen: 22.27 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.7	79.1

Manual Integrations
 APPROVED

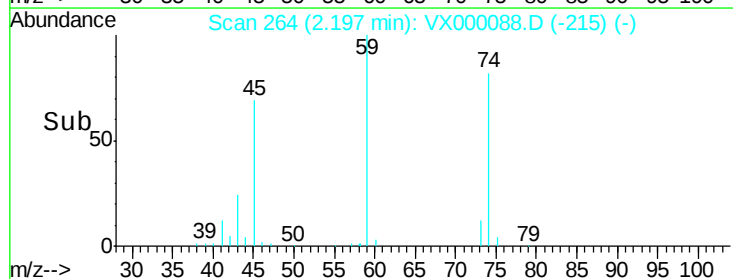
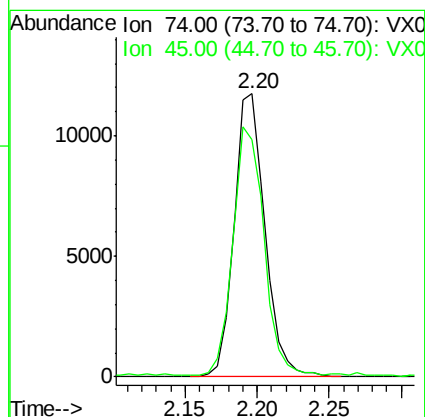
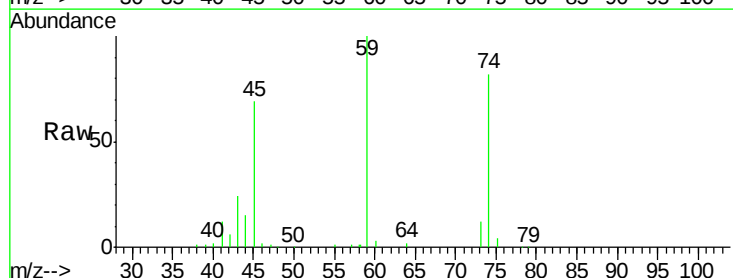
sam
 2/16/2018 1:20:56 PM

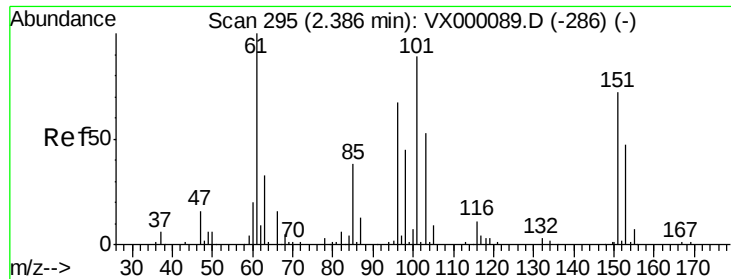


#8

Diethyl Ether
 Concen: 22.03 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.2	44.7	134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.49 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

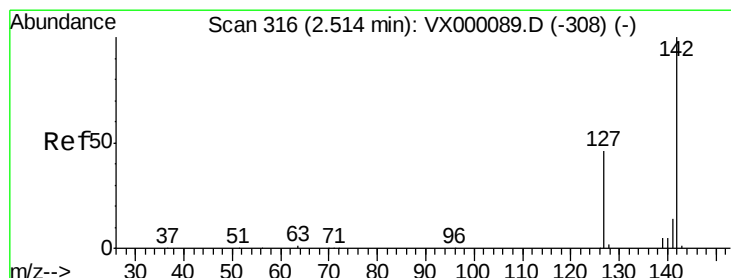
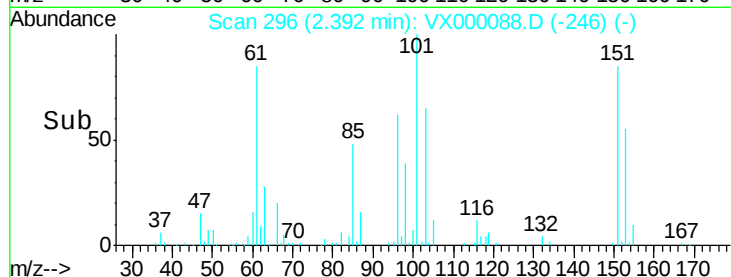
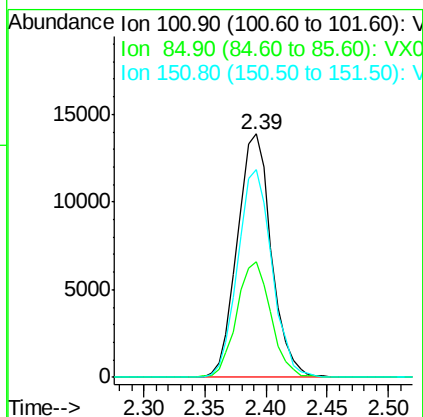
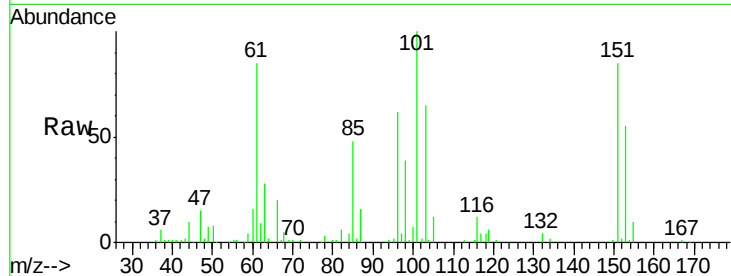
ClientSampled :

VSTDIC020

Tot Ion:	101	Resp:	26837
Ion Ratio	Lower	Upper	
101	100		
85	47.5	36.7	55.1
151	85.6	65.8	98.6

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM



#10

Methyl Iodide

Concen: 20.72 ug/l

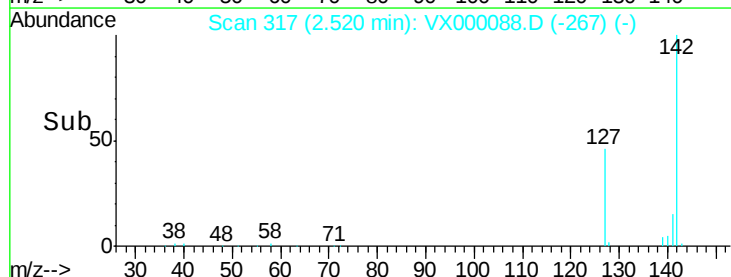
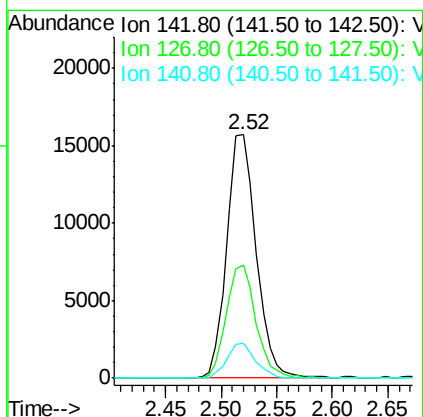
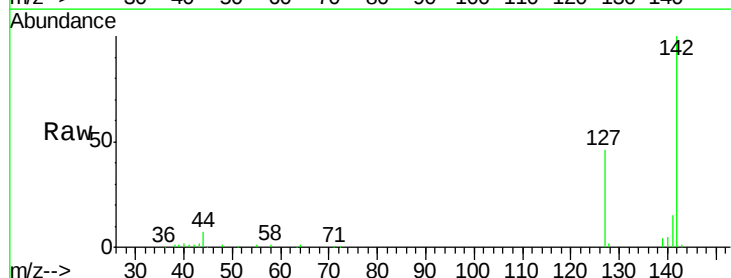
RT: 2.52 min Scan# 317

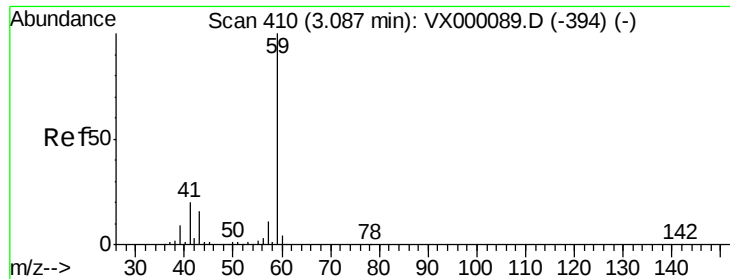
Delta R.T. 0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Tgt Ion:	142	Resp:	28949
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.8	55.2
141	13.9	11.6	17.4





#11

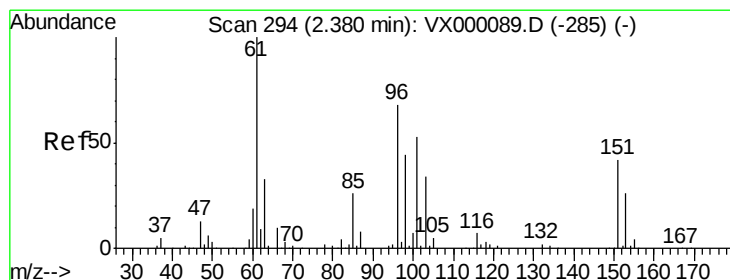
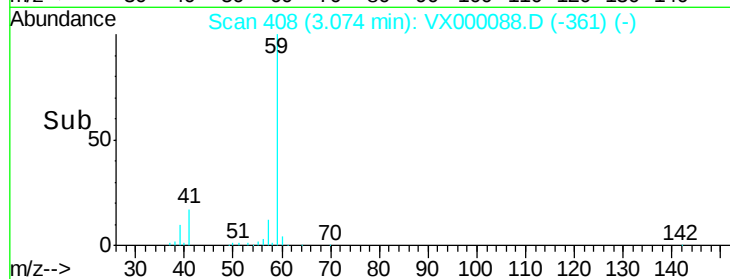
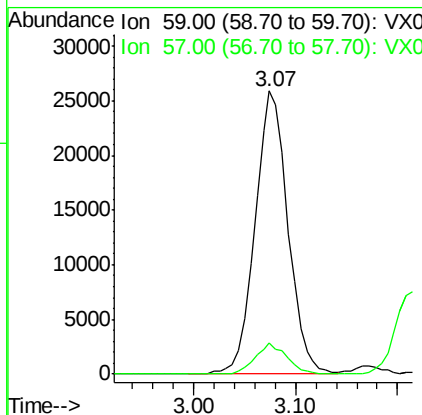
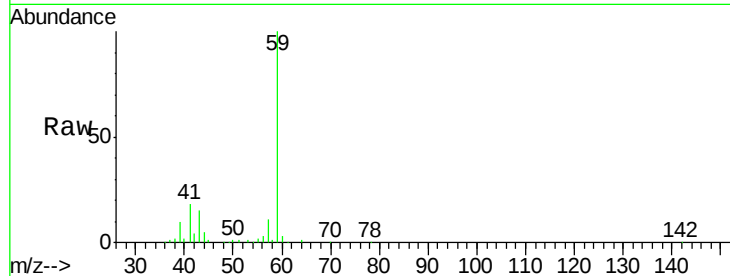
Tert butyl alcohol
Concen: 111.33 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion	59	57	Ratio	100	10.7	Resp	58152	Lower	Upper
59	100								
57		10.7						8.3	12.5

Manual Integrations
APPROVED

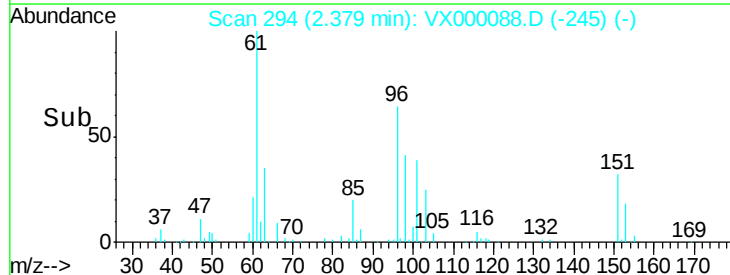
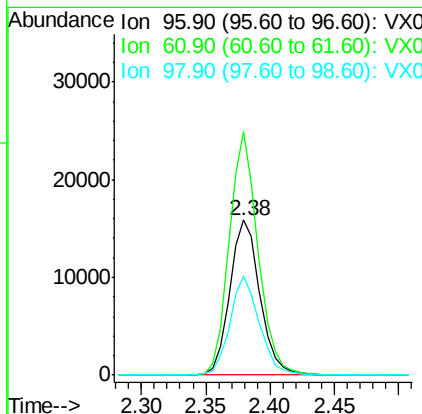
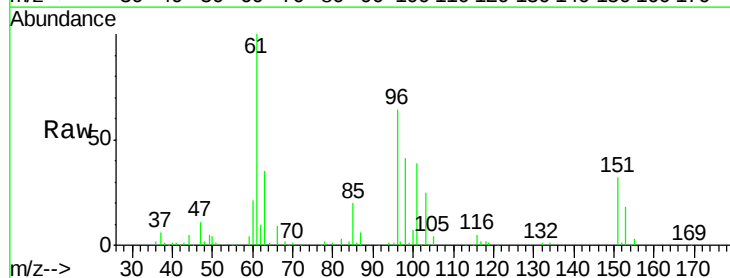
sam
2/16/2018 1:20:56 PM

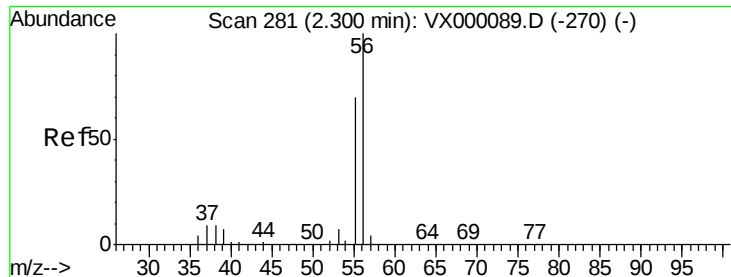


#12

1,1-Dichloroethene
Concen: 21.87 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	96	61	98	Ratio	100	157.0	63.8	Resp	25817	Lower	Upper
96	100										
61		157.0								117.7	176.5
98		63.8								51.3	76.9





#13

Acrolein

Concen: 103.10 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion: 56 Resp: 26884

Ion Ratio Lower Upper

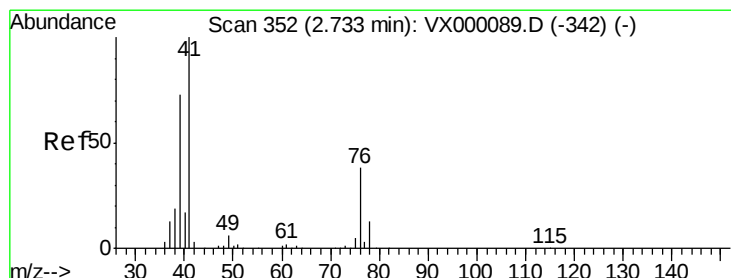
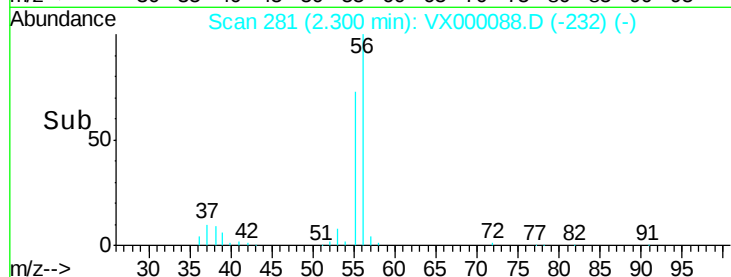
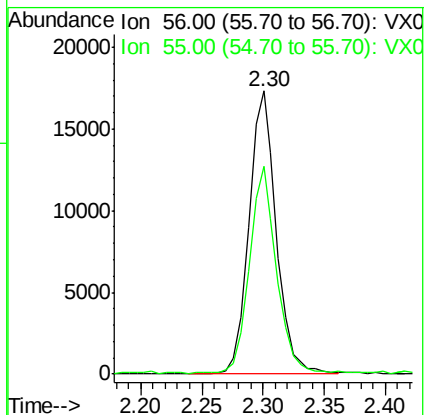
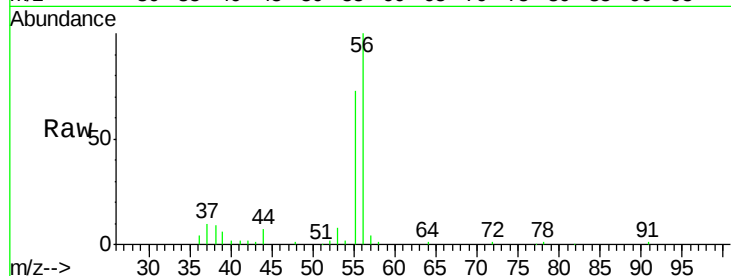
56 100

55 72.7 56.2 84.4

Manual Integrations
APPROVED

sam

2/16/2018 1:20:56 PM



#14

Allyl chloride

Concen: 21.24 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

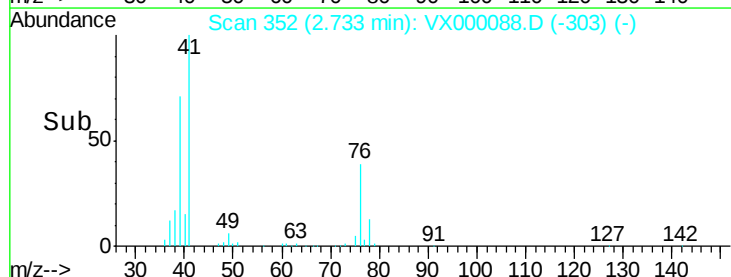
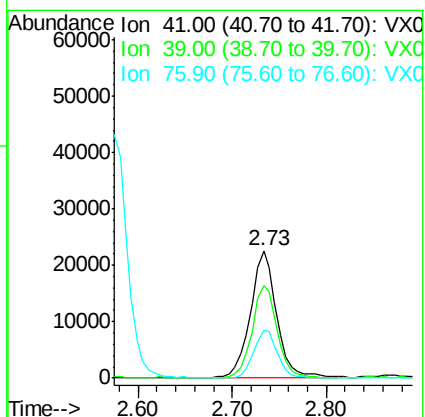
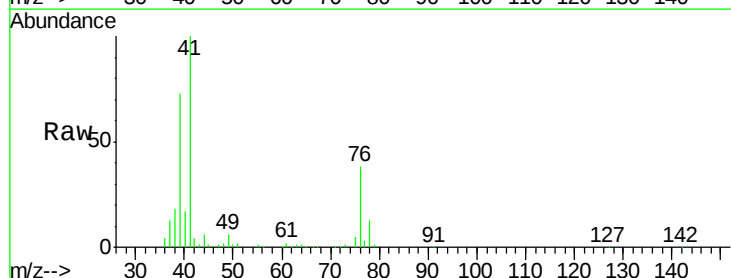
Tgt Ion: 41 Resp: 43784

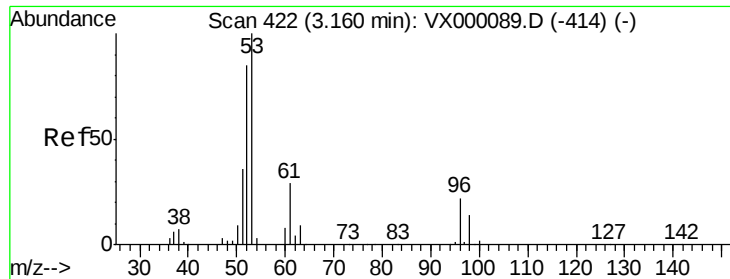
Ion Ratio Lower Upper

41 100

39 68.8 55.1 82.7

76 35.4 28.5 42.7





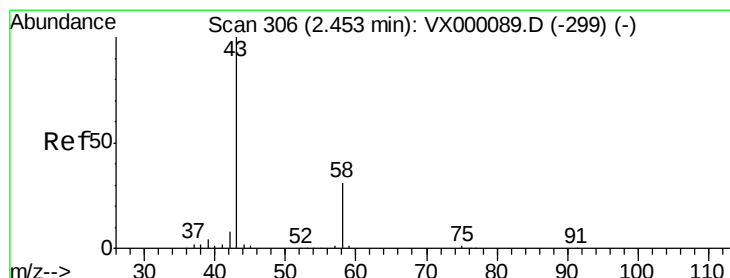
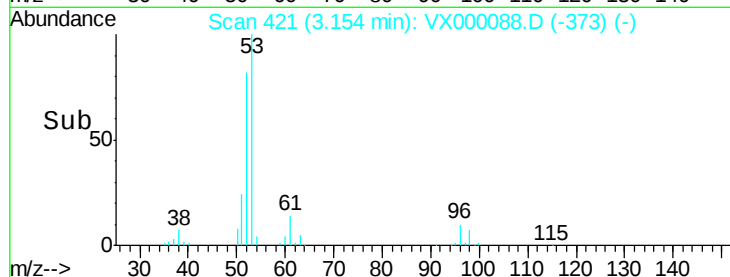
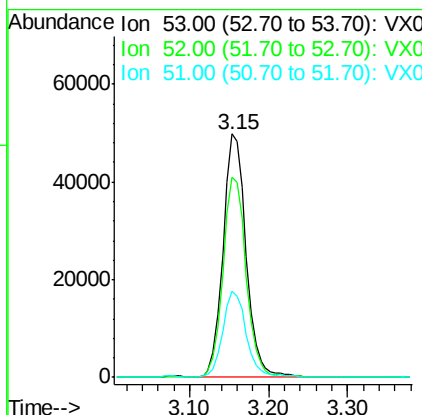
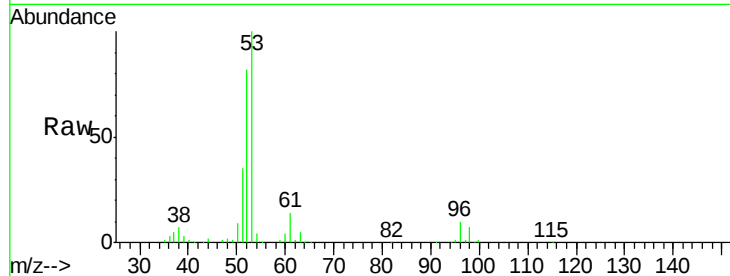
#15
 Acrylonitrile
 Concen: 112.13 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	36.2	29.0	43.6

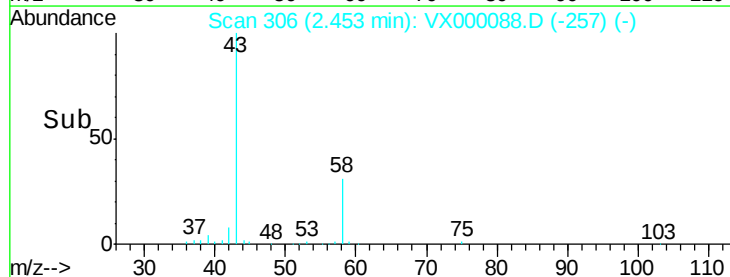
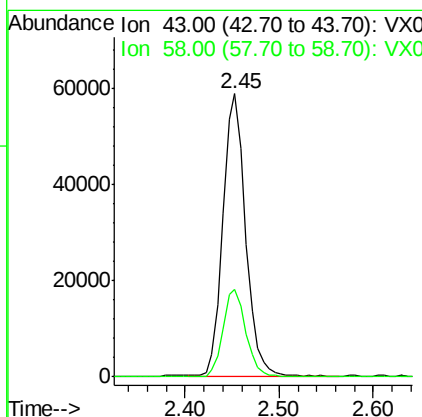
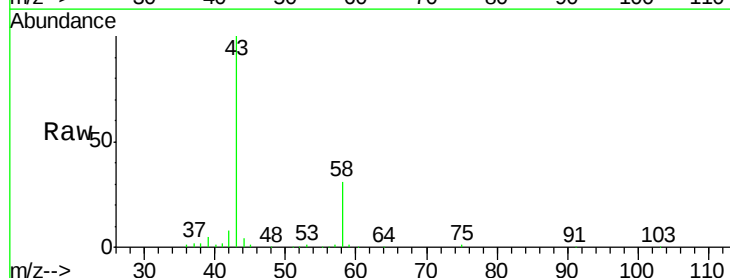
Manual Integrations
 APPROVED

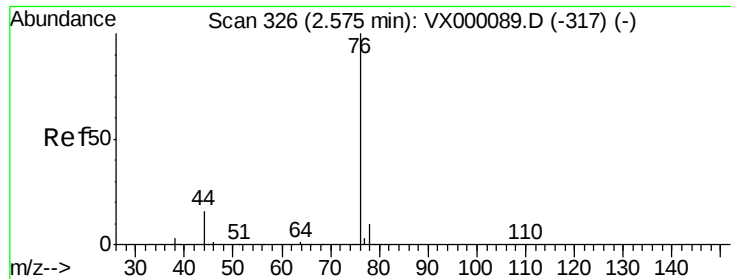
sam
 2/16/2018 1:20:56 PM



#16
 Acetone
 Concen: 123.63 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.0	37.4





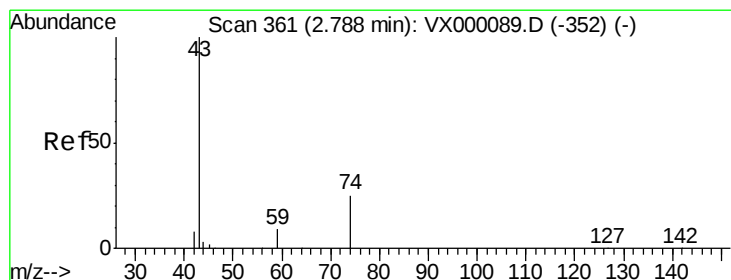
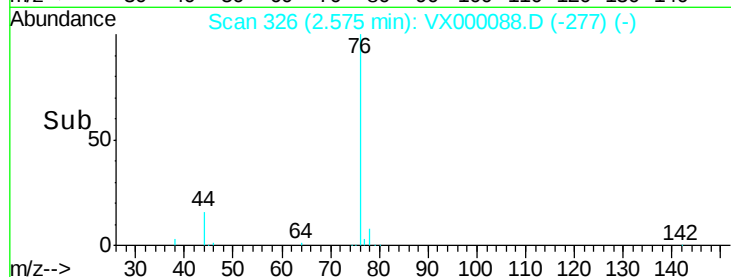
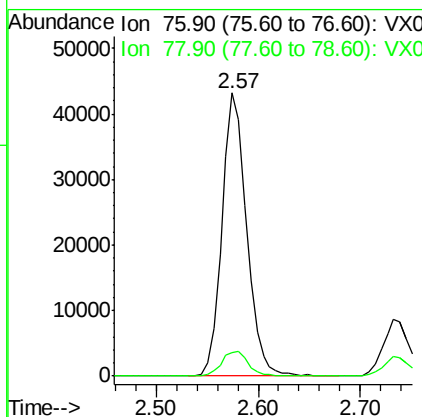
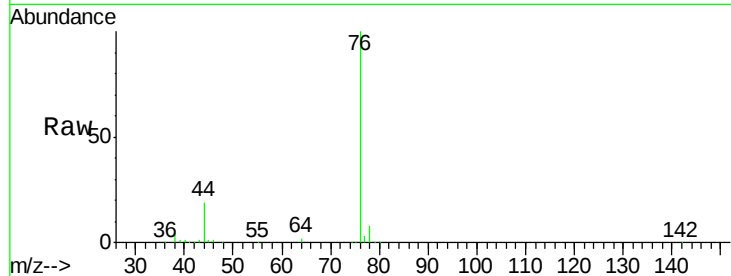
#17
Carbon Disulfide
Concen: 21.21 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.8	11.8

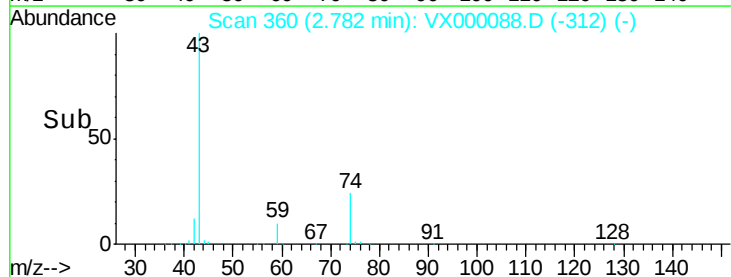
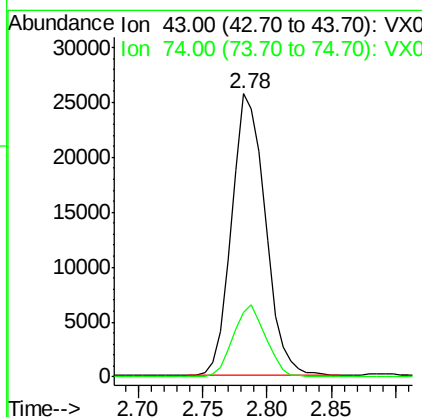
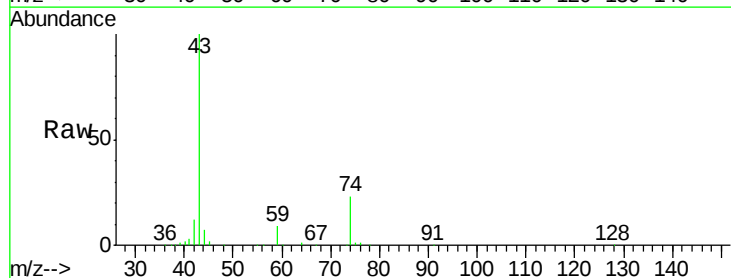
Manual Integrations
APPROVED

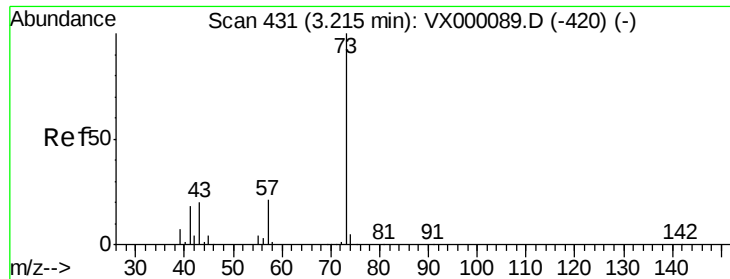
sam
2/16/2018 1:20:56 PM



#18
Methyl Acetate
Concen: 24.25 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.2	30.4





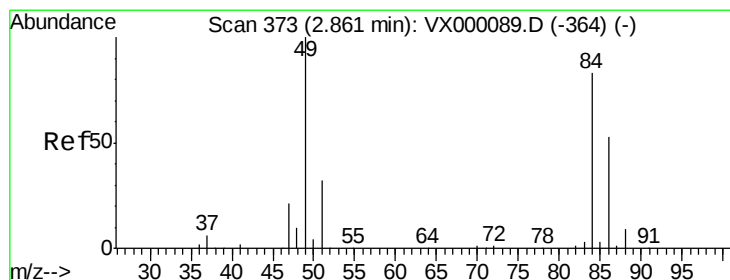
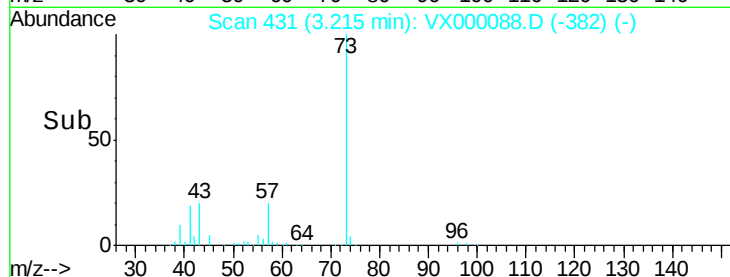
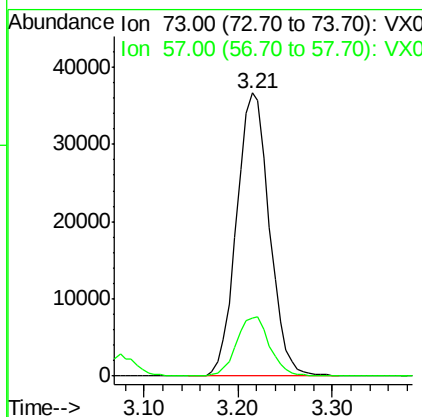
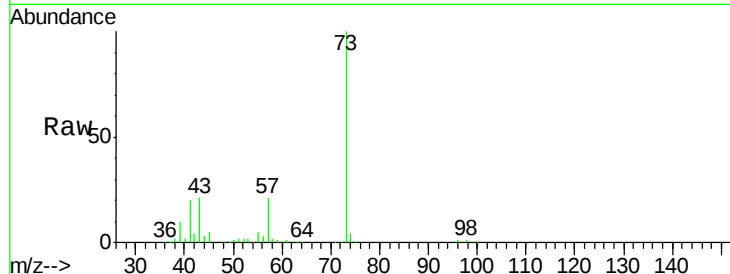
#19
Methyl tert-butyl Ether
Concen: 21.96 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 88848
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6

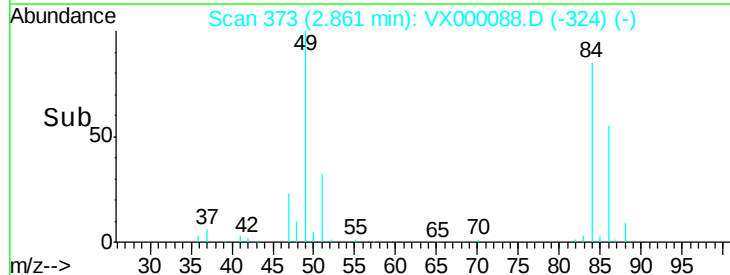
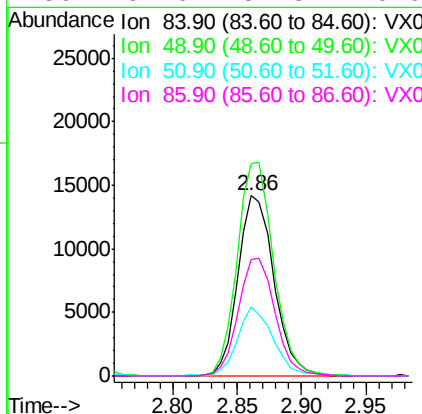
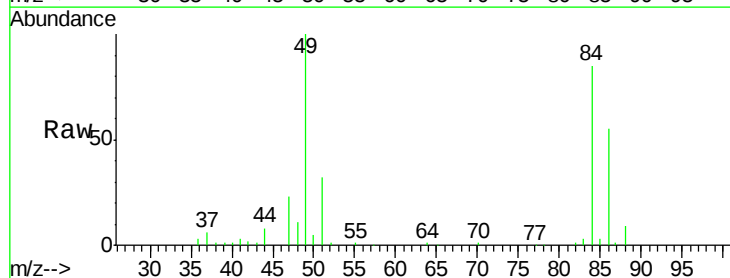
Manual Integrations
APPROVED

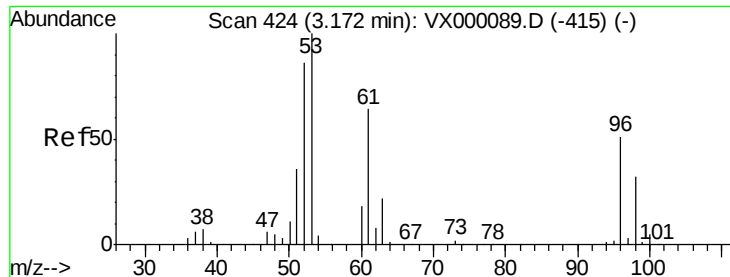
sam
2/16/2018 1:20:56 PM



#20
Methylene Chloride
Concen: 21.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion: 84 Resp: 27473
Ion Ratio Lower Upper
84 100
49 118.1 96.1 144.1
51 38.1 30.5 45.7
86 64.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 21.59 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 27496

Ion Ratio Lower Upper

96 100

61 130.7 100.3 150.5

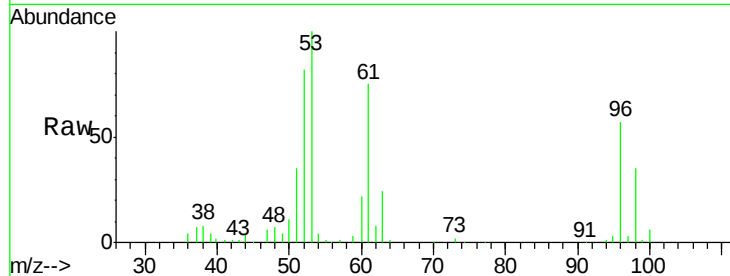
98 61.5 50.6 75.8

Manual Integrations

APPROVED

sam

2/16/2018 1:20:56 PM

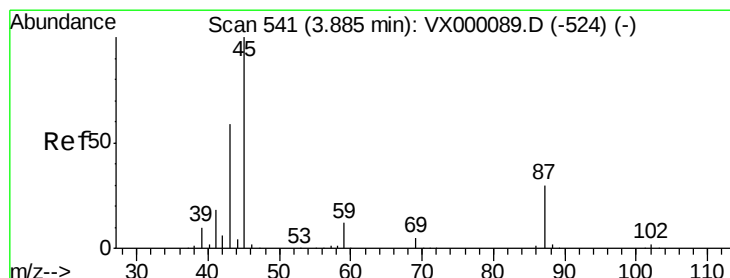
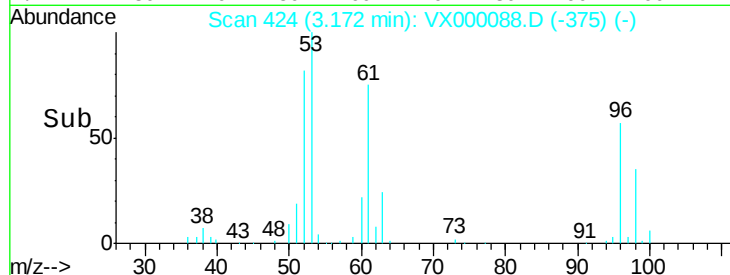
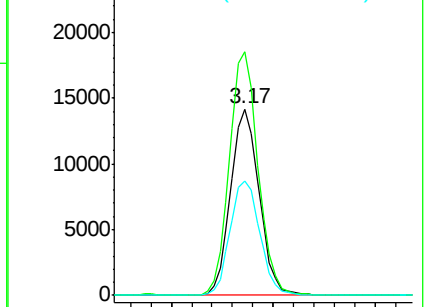


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.42 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Tgt Ion: 45 Resp: 69620

Ion Ratio Lower Upper

45 100

43 67.2 47.4 71.2

87 29.5 24.2 36.2

59 11.7 9.2 13.8

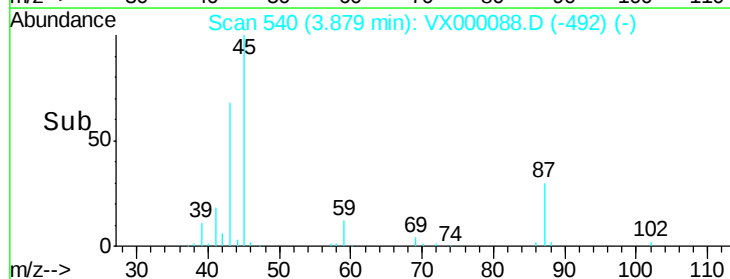
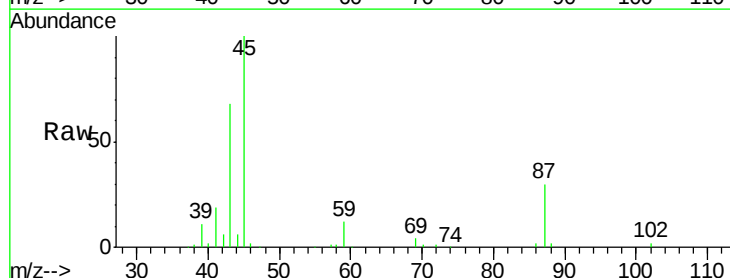
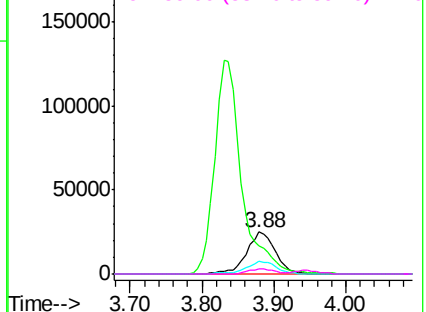
Abundance

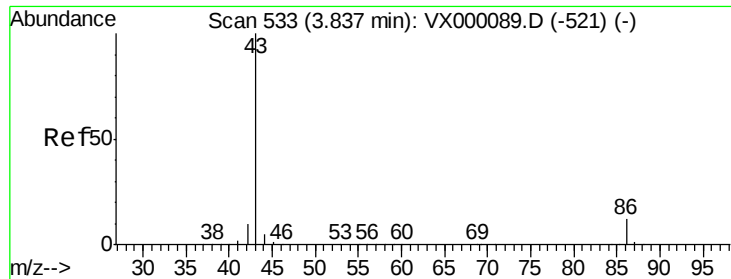
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





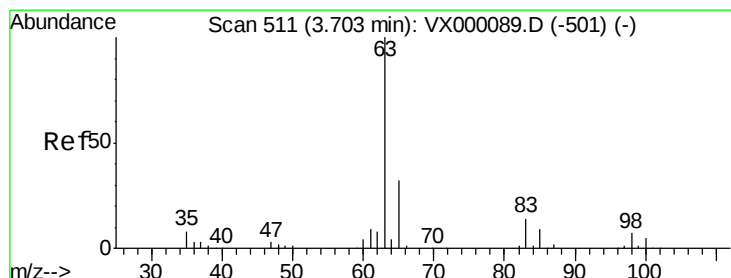
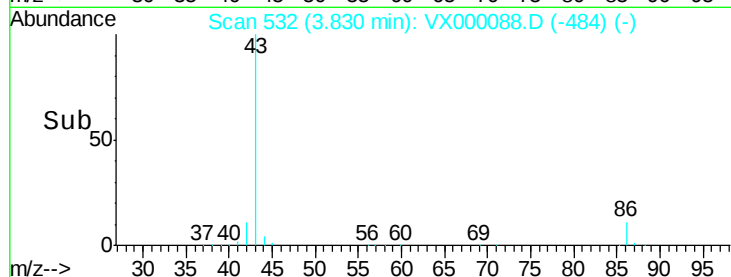
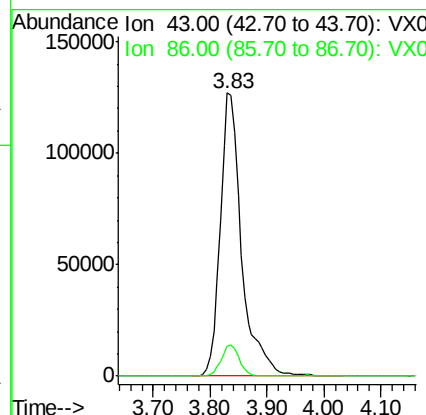
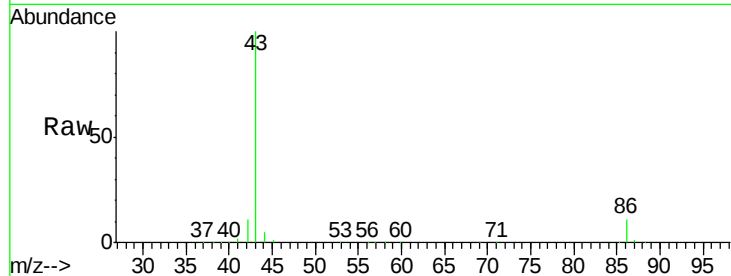
#23
 Vinyl Acetate
 Concen: 107.14 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.6	9.4	14.0

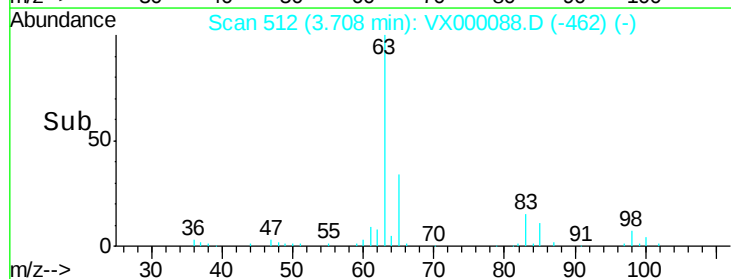
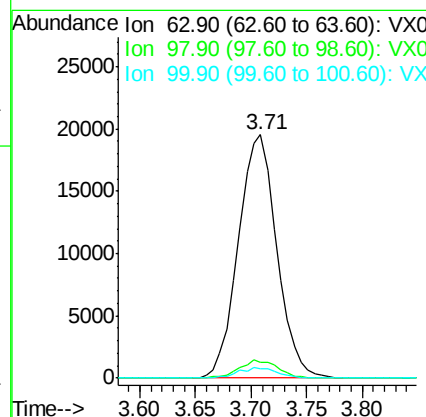
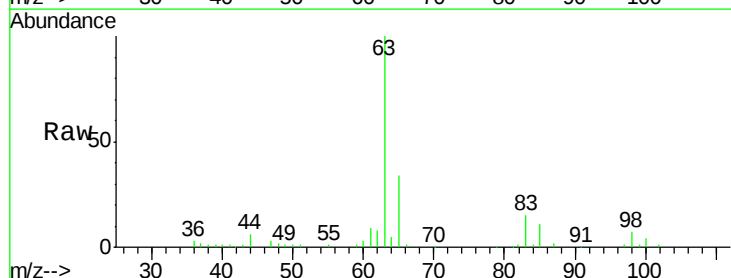
Manual Integrations
 APPROVED

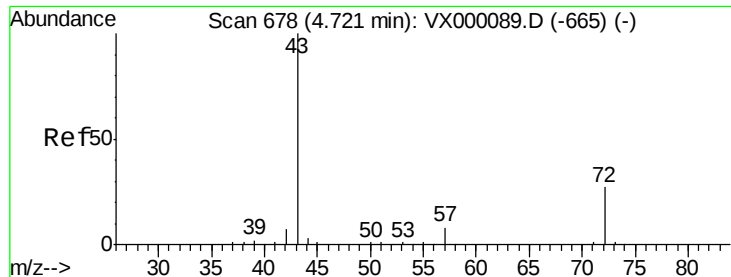
sam
 2/16/2018 1:20:56 PM



#24
 1,1-Dichloroethane
 Concen: 22.70 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.5
100	3.8	2.4	7.1





#25

2-Butanone

Concen: 118.09 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Tot Ion: 43 Resp: 137653

Ion Ratio Lower Upper

43 100

72 27.1 21.3 31.9

Instrument :

ClientSampled :

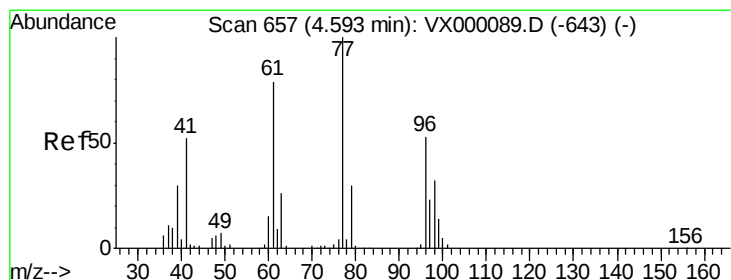
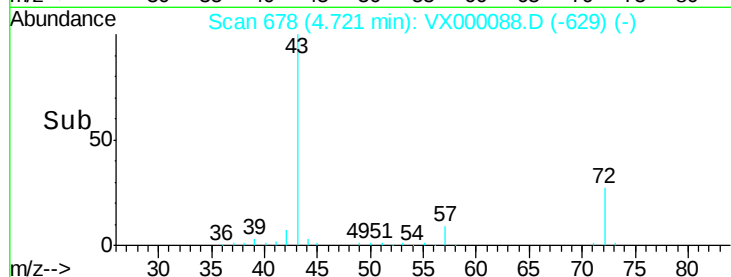
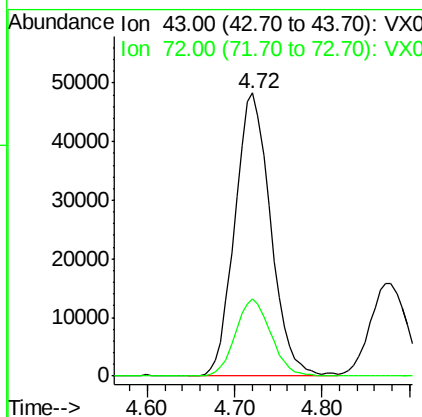
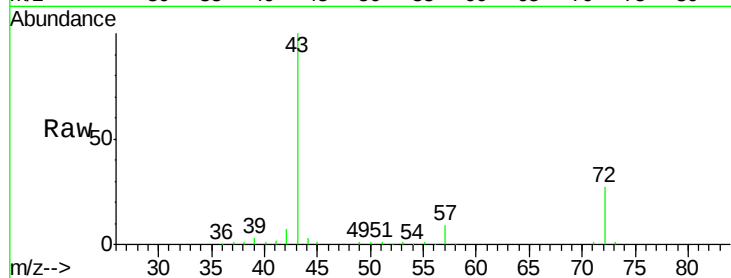
VSTDIC020

Manual Integrations

APPROVED

sam

2/16/2018 1:20:56 PM



#26

2,2-Dichloropropane

Concen: 21.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000088.D

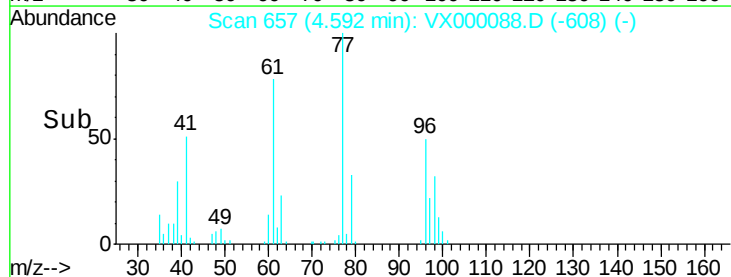
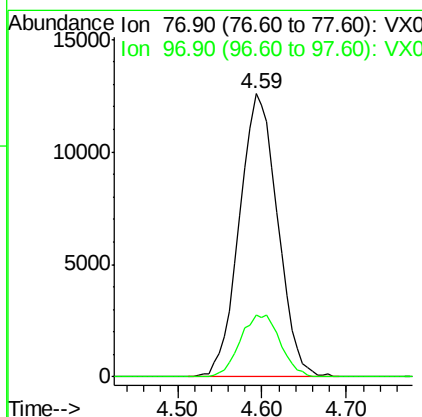
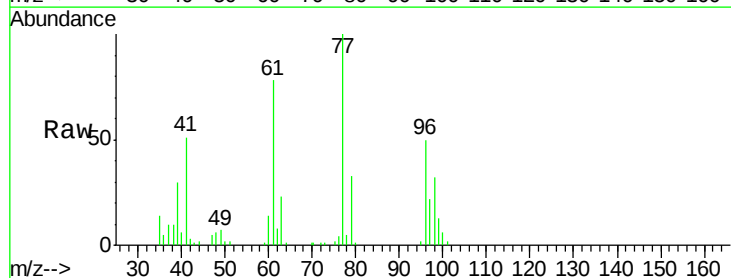
Acq: 14 Feb 2018 15:44

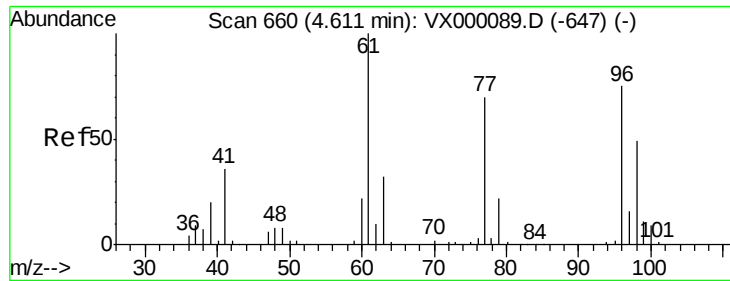
Tgt Ion: 77 Resp: 38799

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2





#27

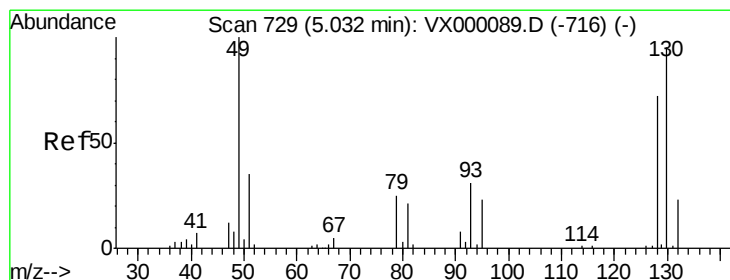
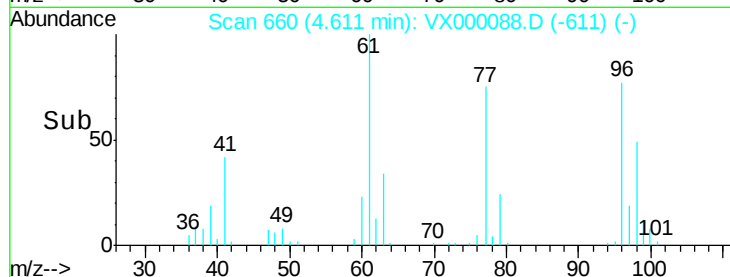
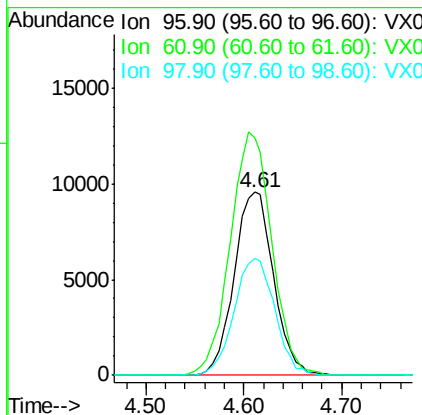
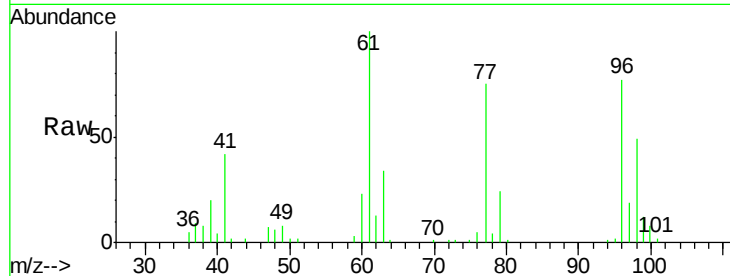
cis-1,2-Dichloroethene
Concen: 21.56 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	285.6
98	65.8	0.0	131.8

Manual Integrations
APPROVED

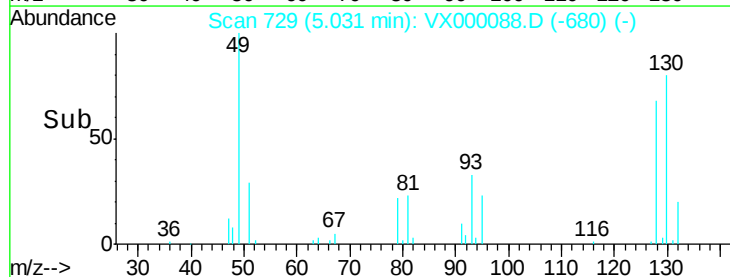
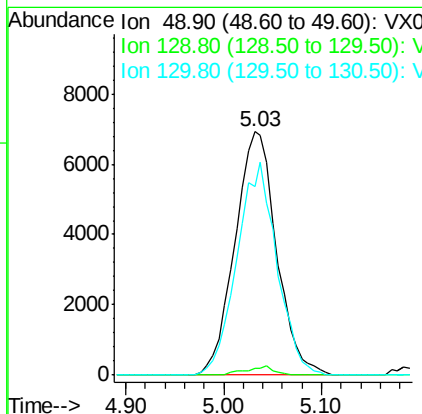
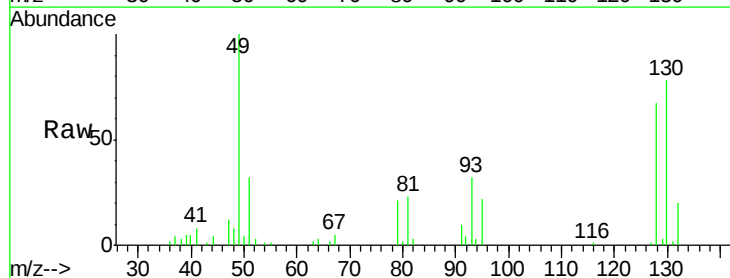
sam
2/16/2018 1:20:56 PM

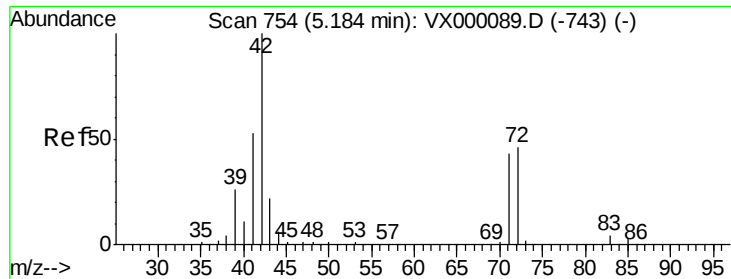


#28

Bromochloromethane
Concen: 27.63 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	83.9	71.9	107.9





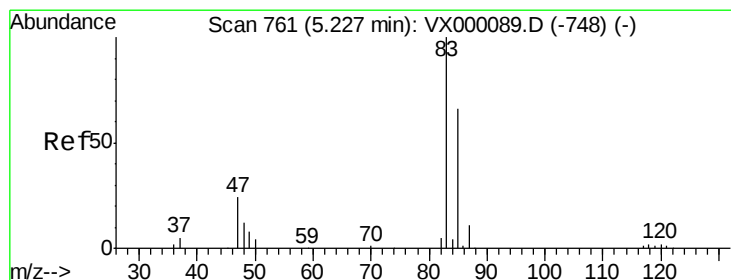
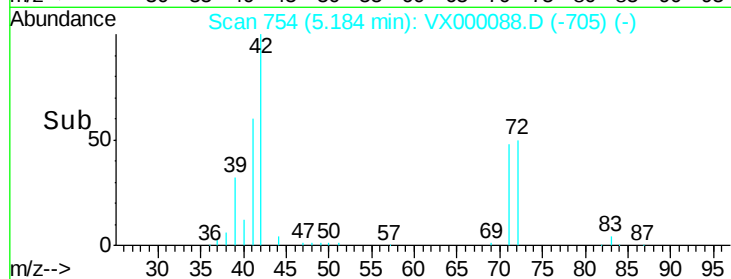
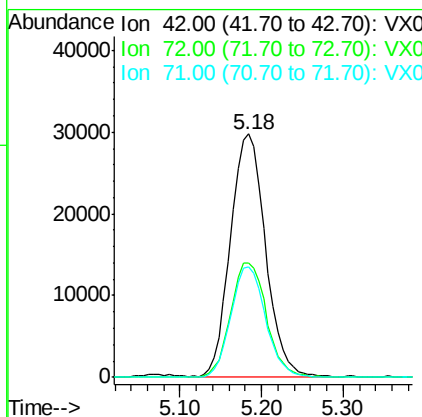
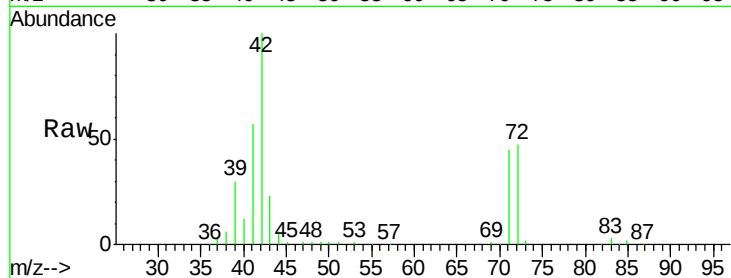
#29
Tetrahydrofuran
Concen: 111.45 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	38.6	58.0
71	45.2	36.2	54.4

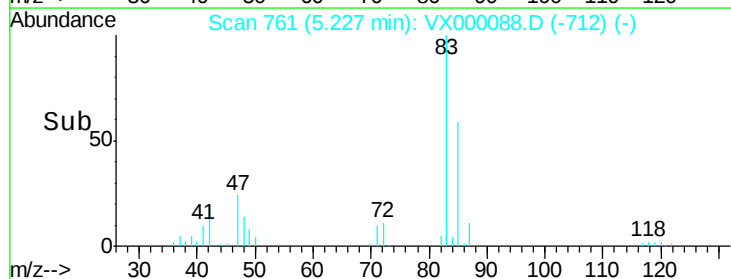
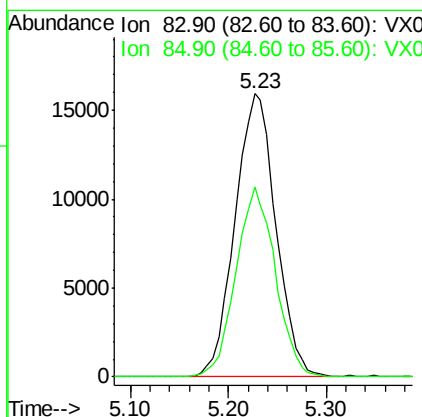
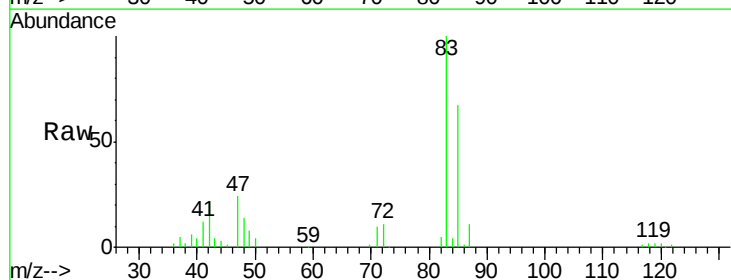
Manual Integrations
APPROVED

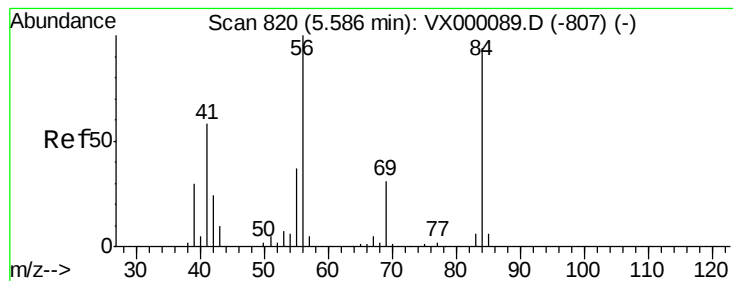
sam
2/16/2018 1:20:56 PM



#30
Chloroform
Concen: 21.71 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.7	79.1





#31

Cyclohexane

Concen: 21.64 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

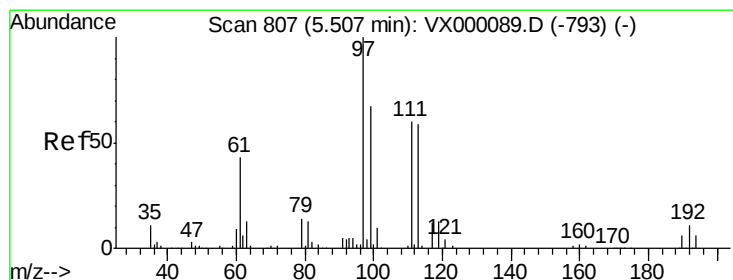
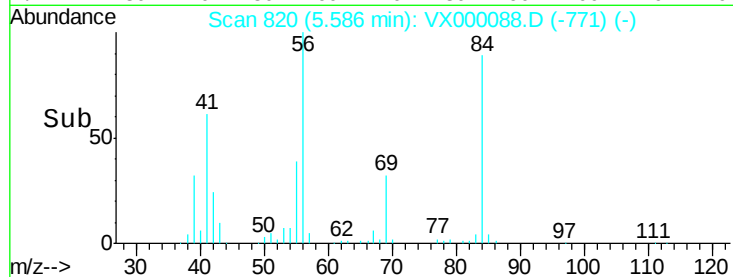
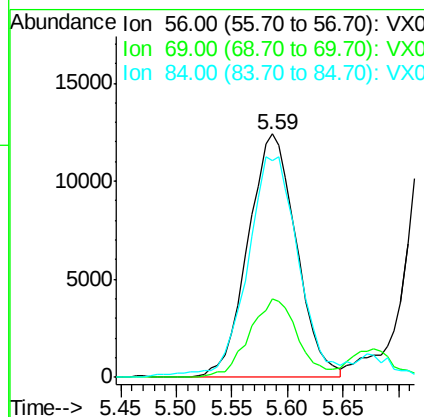
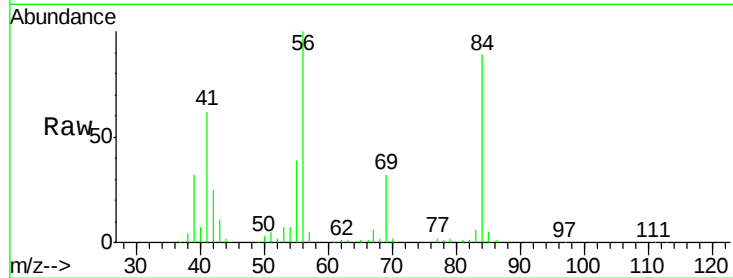
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	37481
Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.9	37.3
84	86.5	75.0	112.4

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM



#32

1,1,1-Trichloroethane

Concen: 21.36 ug/l

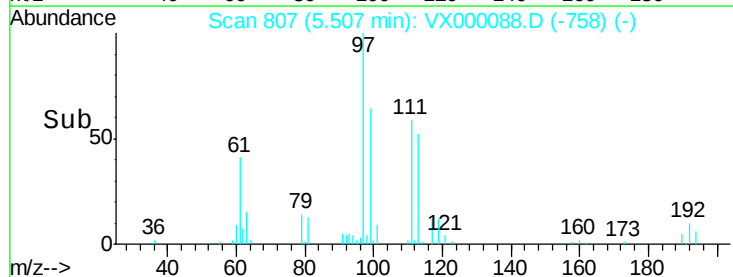
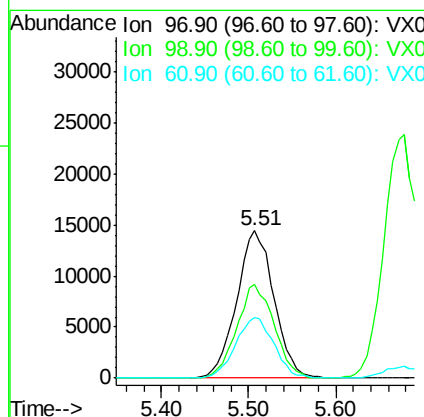
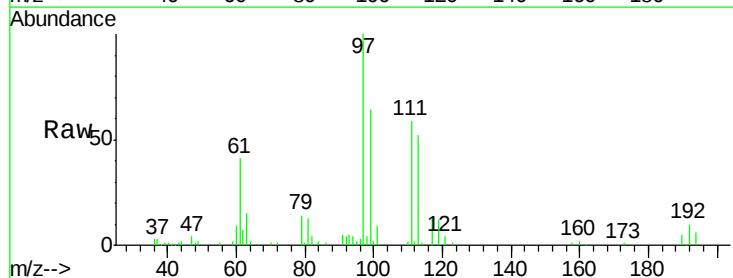
RT: 5.51 min Scan# 807

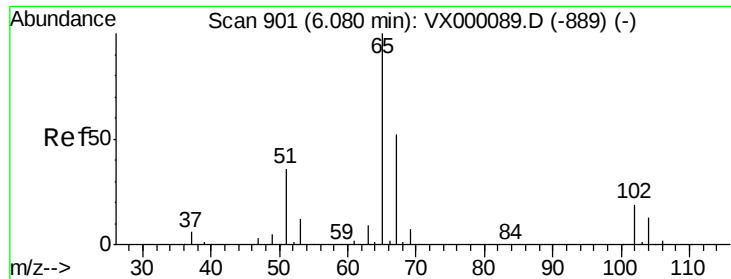
Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Tgt Ion:	97	Resp:	42848
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.1	76.7
61	42.1	33.4	50.0





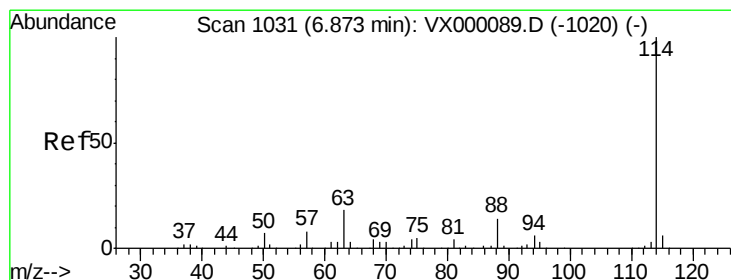
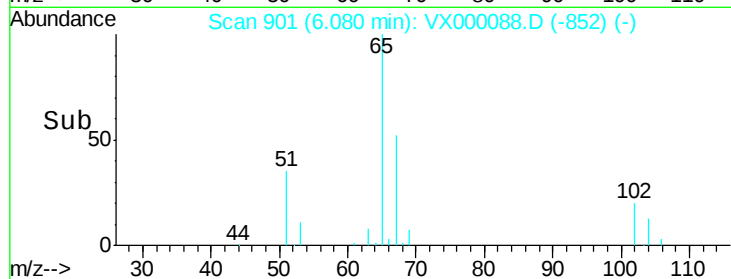
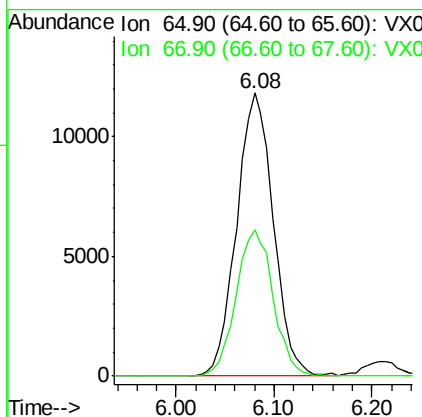
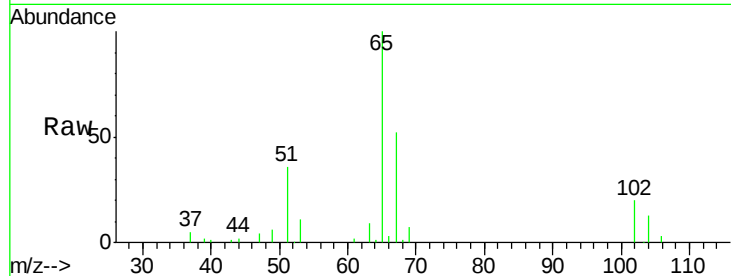
#33
 1,2-Dichloroethane-d4
 Concen: 23.61 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampleId :
 VSTDIC020

Tot Ion: 65 Resp: 30712
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8

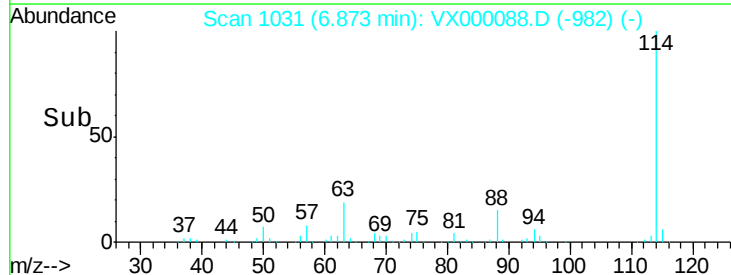
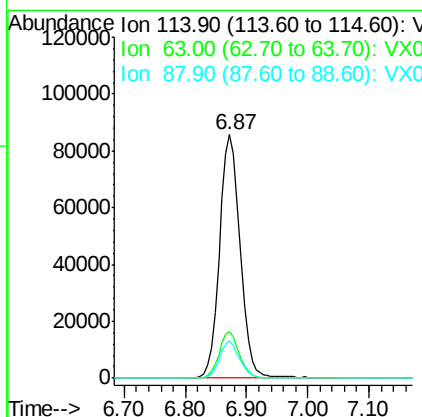
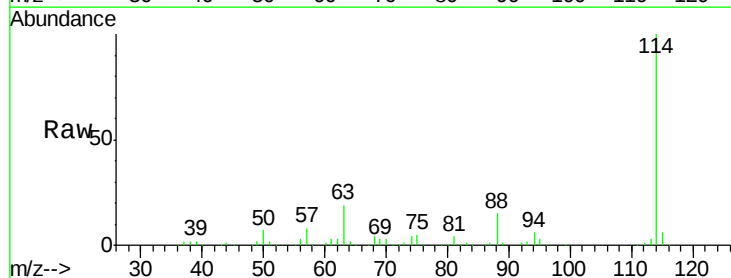
Manual Integrations
 APPROVED

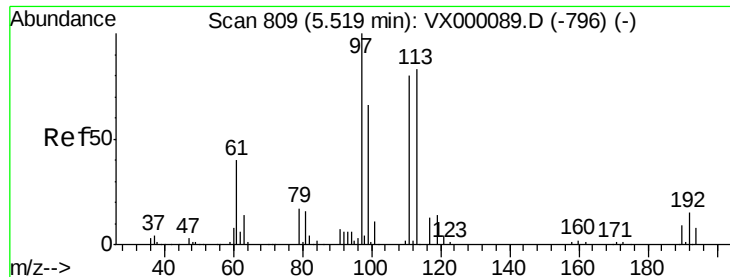
sam
 2/16/2018 1:20:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion: 114 Resp: 201376
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.4
 88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 20.80 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

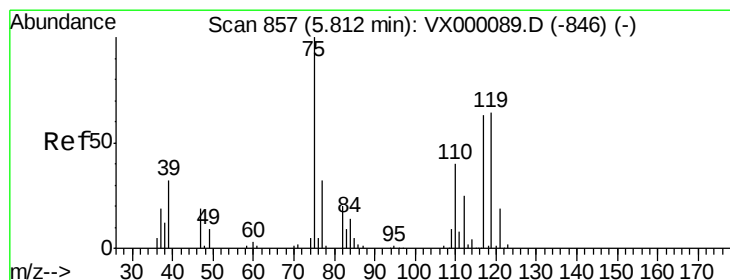
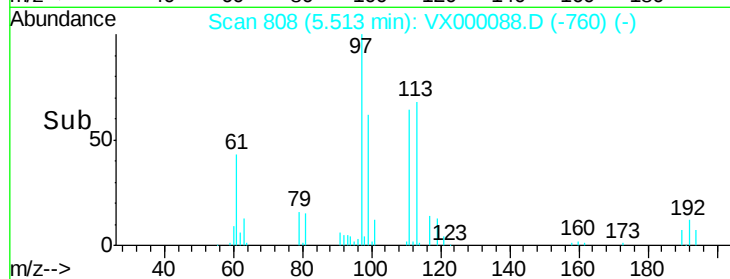
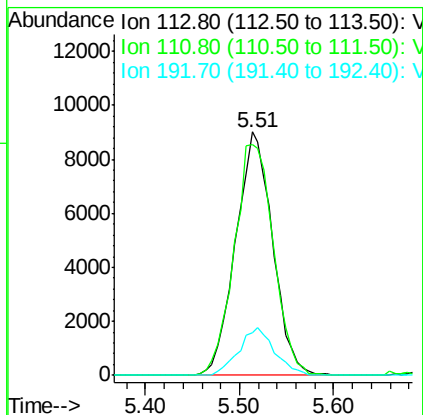
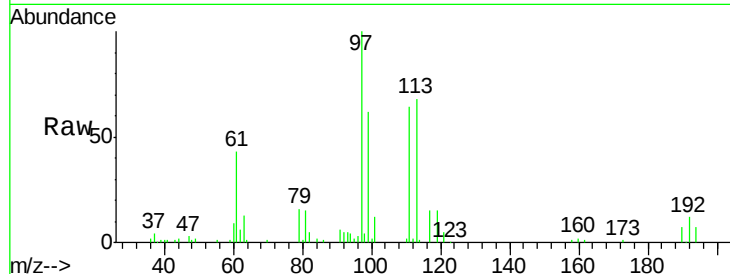
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.6
192	19.0	15.7	23.5

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM



#36

1,1-Dichloropropene

Concen: 20.22 ug/l

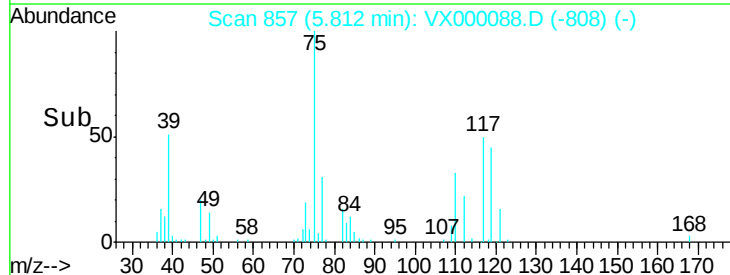
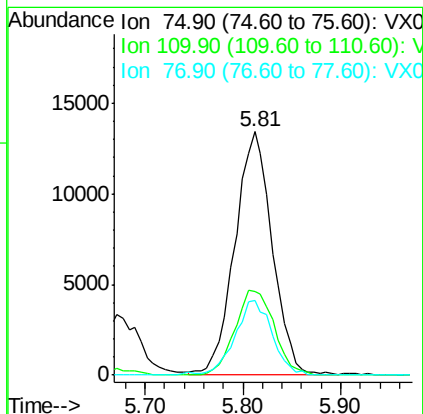
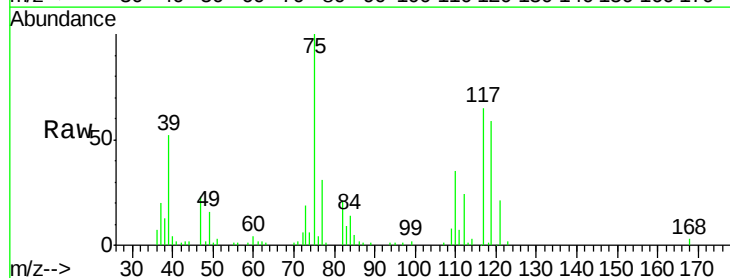
RT: 5.81 min Scan# 857

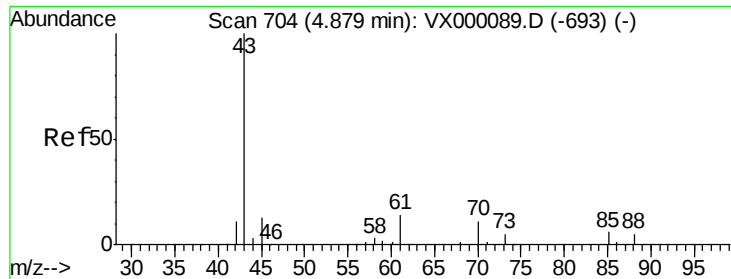
Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	19.5	58.5
77	30.2	24.7	37.1





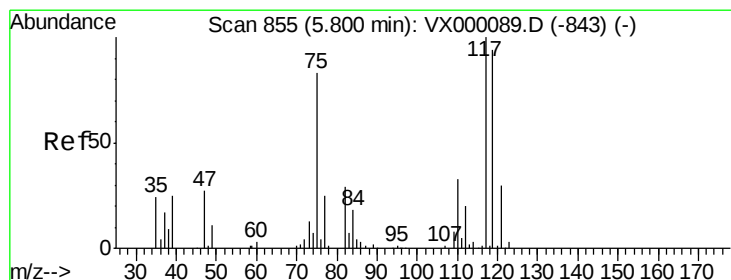
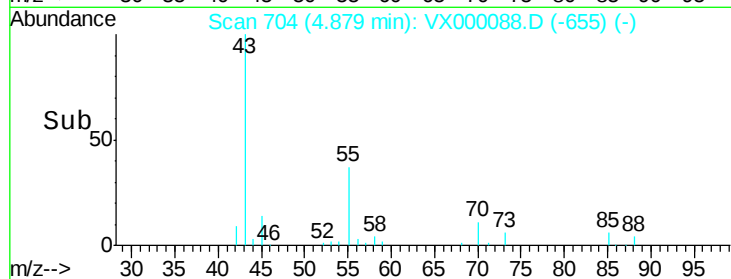
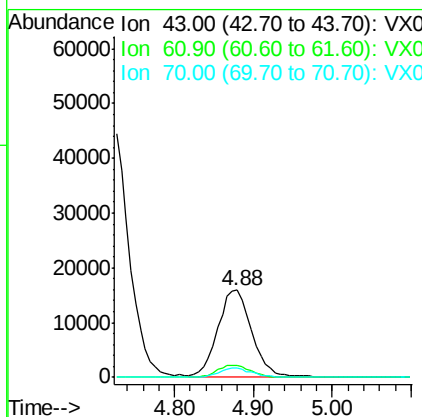
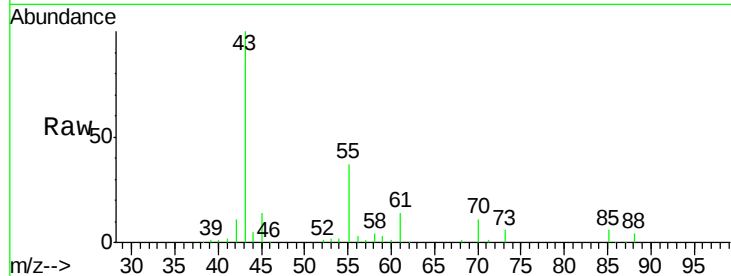
#37
Ethyl Acetate
Concen: 20.63 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
Client Sampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.5	17.3
70	10.2	9.0	13.4

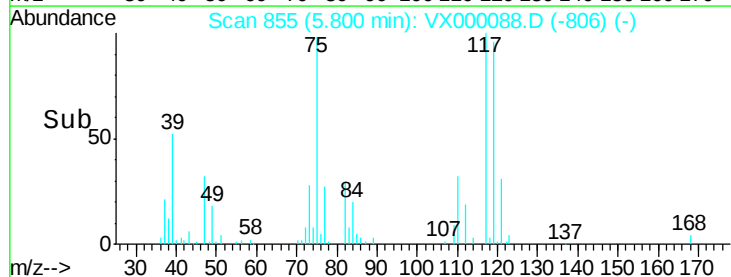
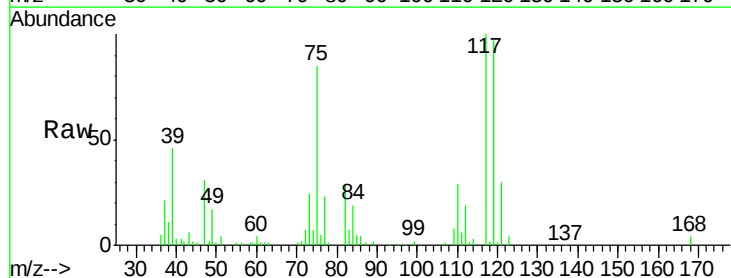
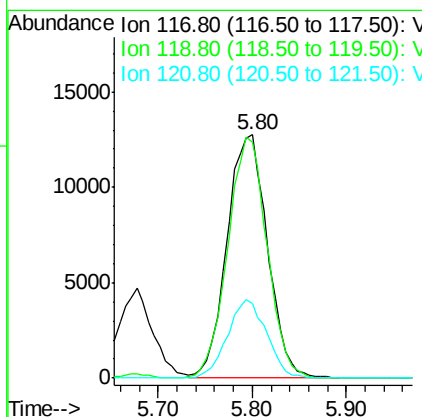
Manual Integrations
APPROVED

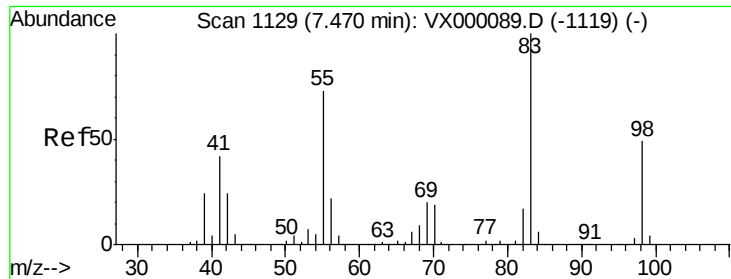
sam
2/16/2018 1:20:56 PM



#38
Carbon Tetrachloride
Concen: 19.38 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.3	112.9
121	30.4	23.7	35.5





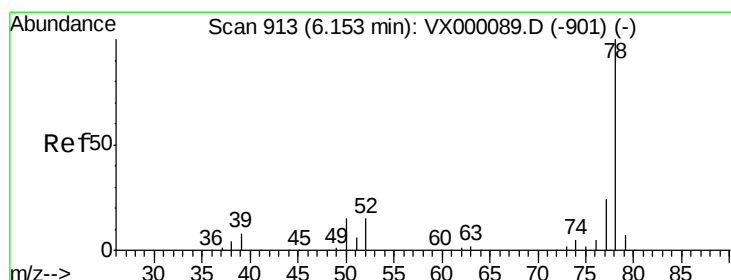
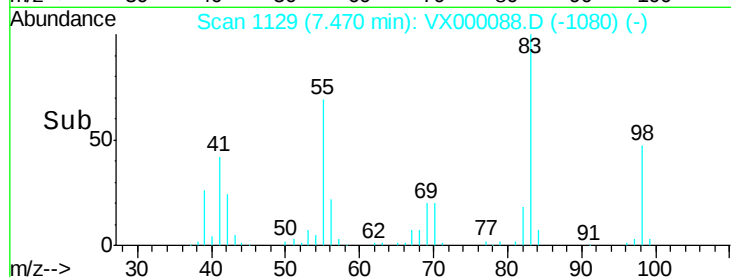
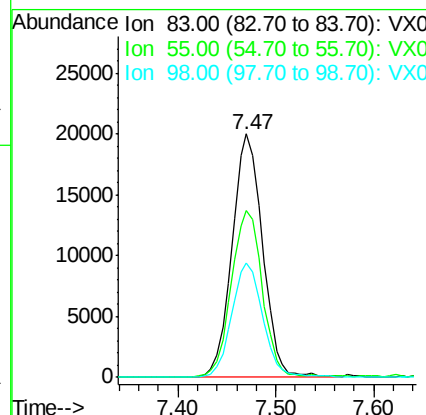
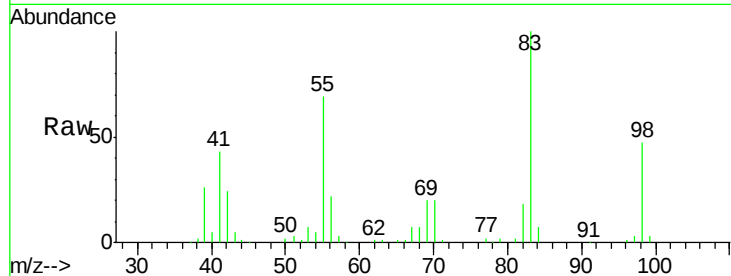
#39
Methvlcvclohexane
Concen: 20.32 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	58.2	87.2
98	47.2	39.0	58.6

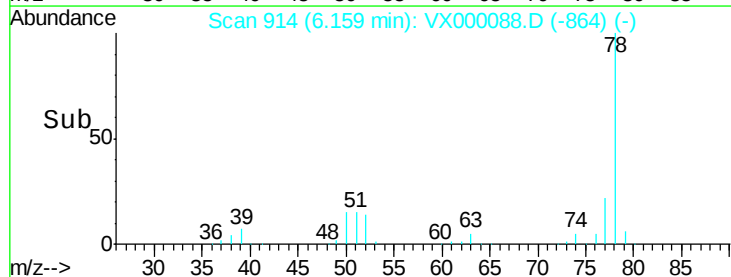
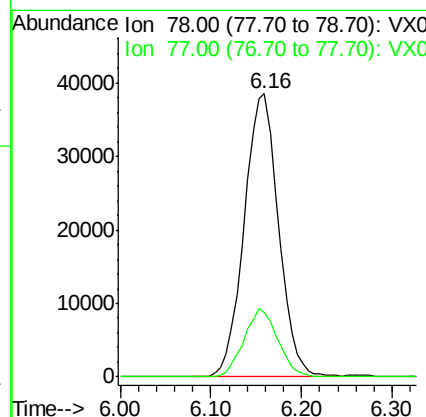
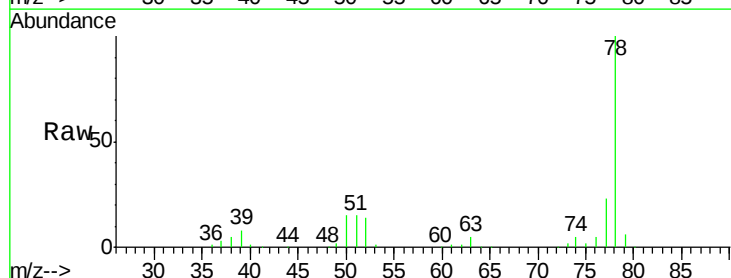
Manual Integrations
APPROVED

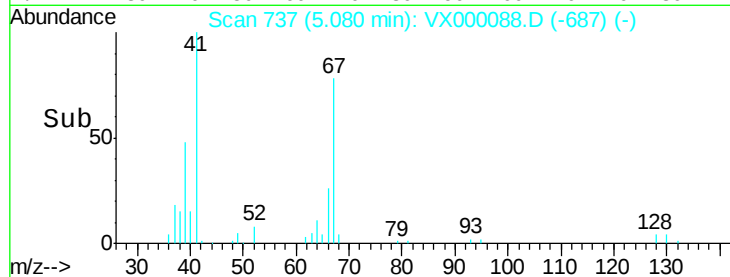
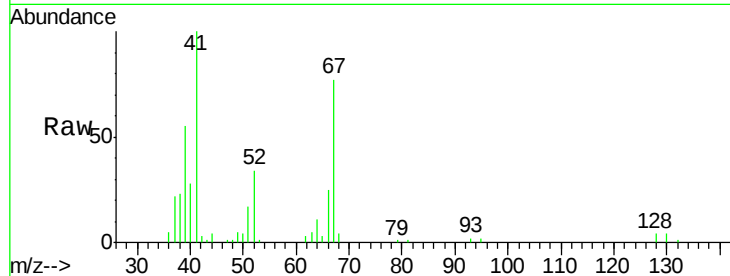
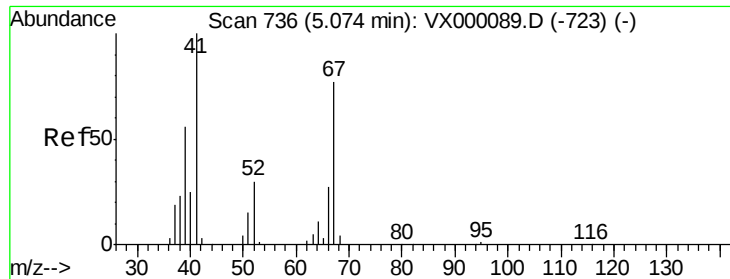
sam
2/16/2018 1:20:56 PM



#40
Benzene
Concen: 20.36 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0





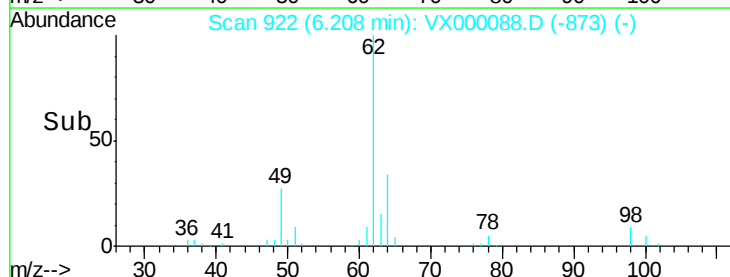
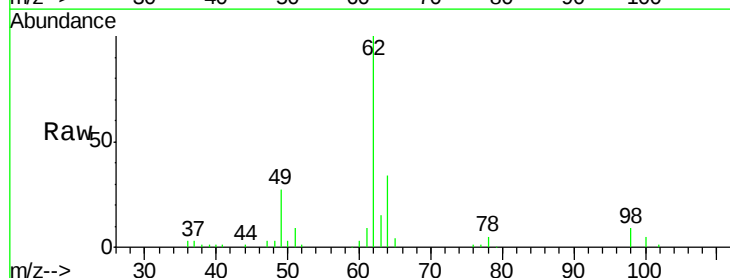
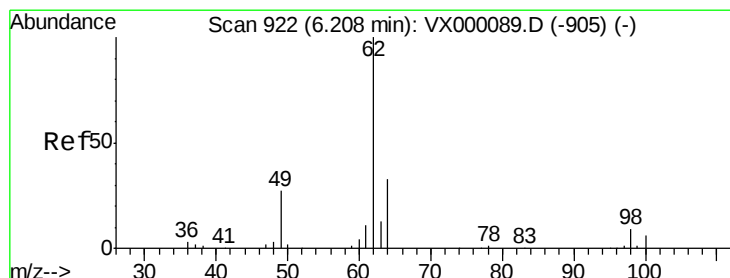
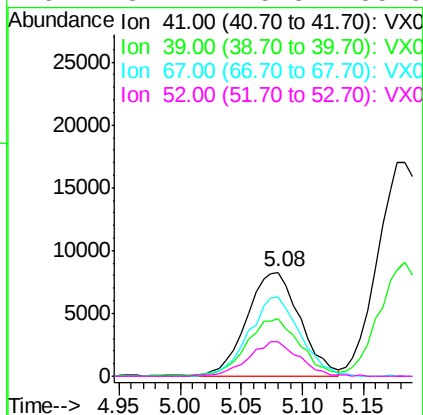
#41
Methacrylonitrile
Concen: 20.99 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		24713		
39	56.9	45.1	67.7		
67	74.3	61.0	91.4		
52	32.4	25.8	38.6		

Instrument :
ClientSampled :
VSTDIC020

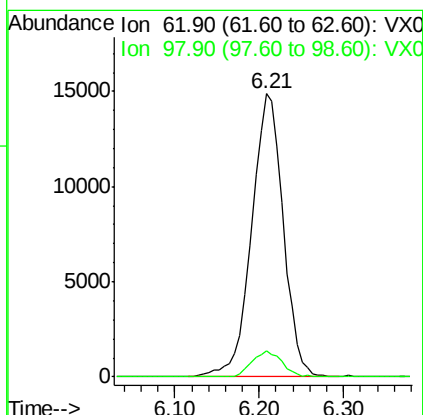
Manual Integrations
APPROVED

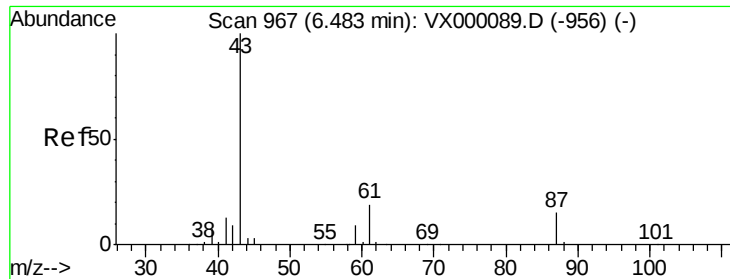
sam
2/16/2018 1:20:56 PM



#42
1,2-Dichloroethane
Concen: 21.33 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		38024		
98	8.7	0.0	17.8		





#43

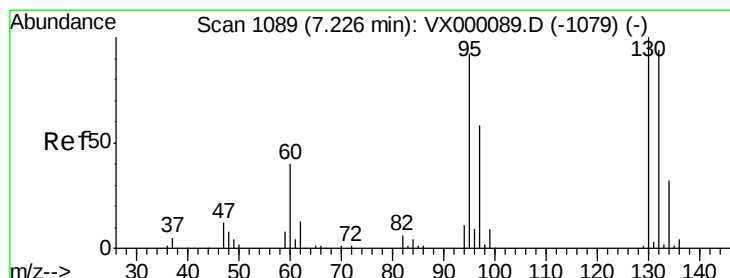
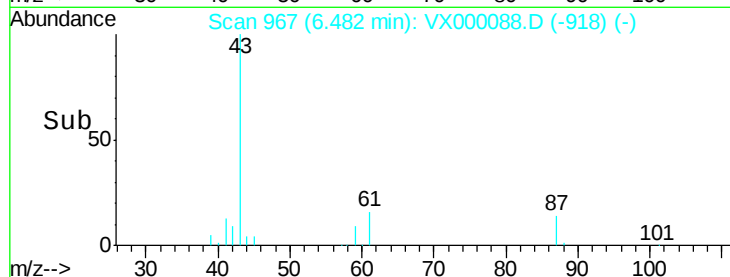
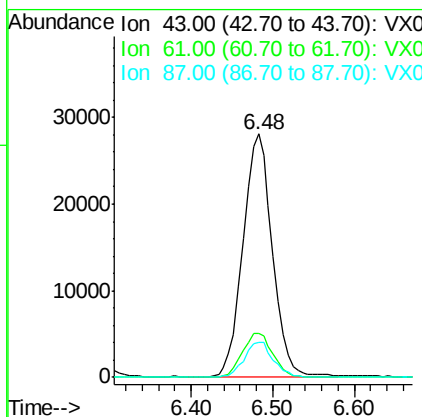
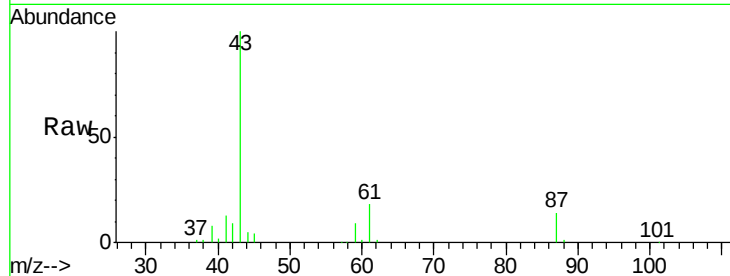
Isopropyl Acetate
 Concen: 20.49 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.6	23.4
87	14.2	11.7	17.5

Manual Integrations
 APPROVED

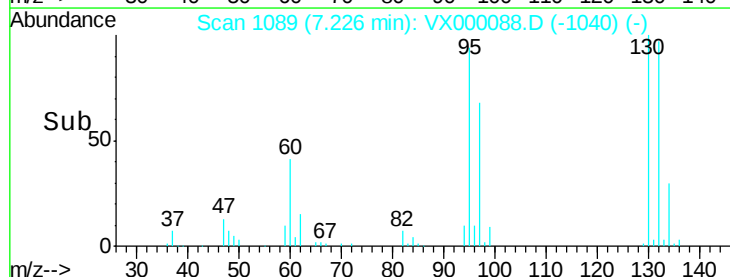
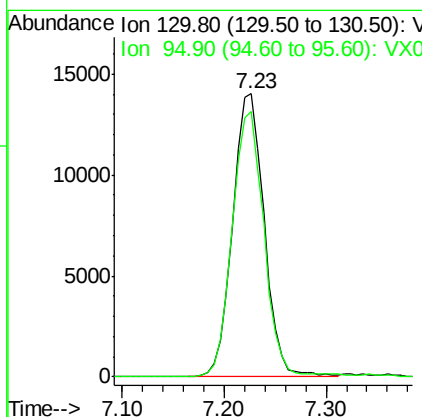
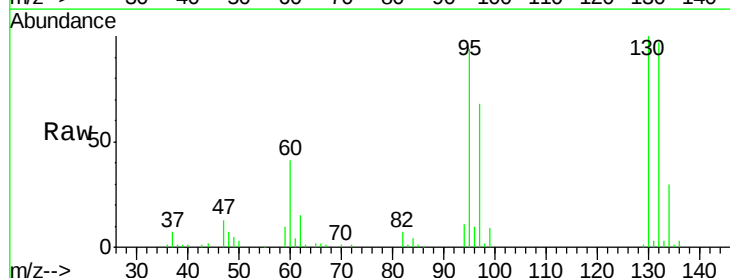
sam
 2/16/2018 1:20:56 PM

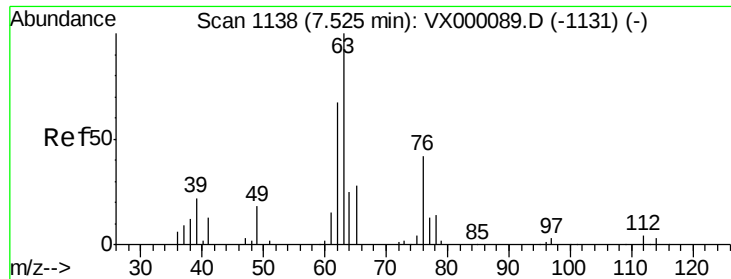


#44

Trichloroethene
 Concen: 19.73 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	183.4





#45

1,2-Dichloropropane

Concen: 21.00 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 25408

Ion Ratio Lower Upper

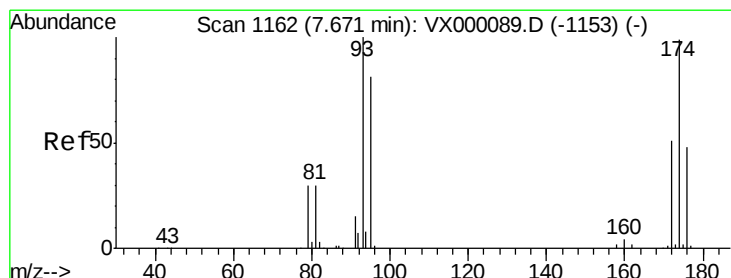
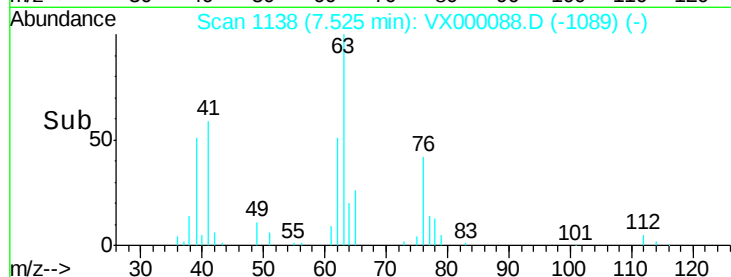
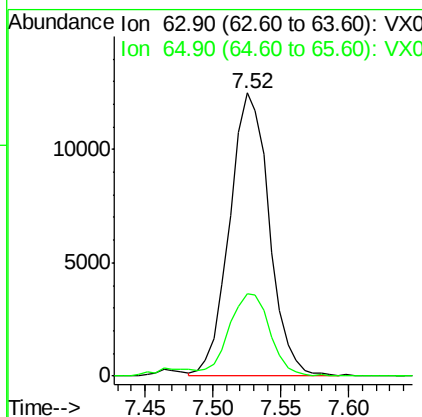
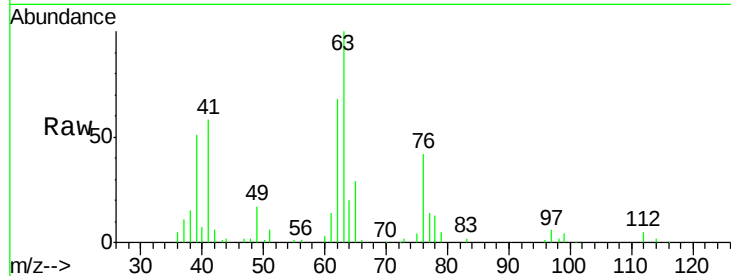
63 100

65 28.9 23.8 35.8

Manual Integrations
APPROVED

sam

2/16/2018 1:20:56 PM



#46

Dibromomethane

Concen: 20.86 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

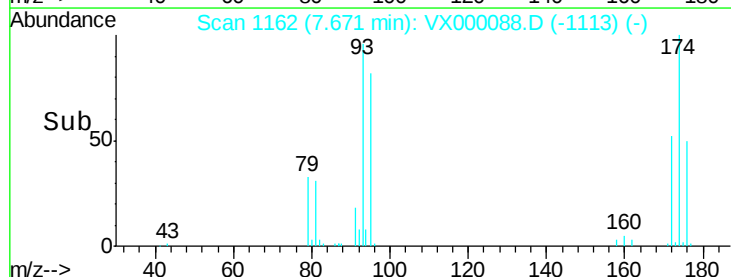
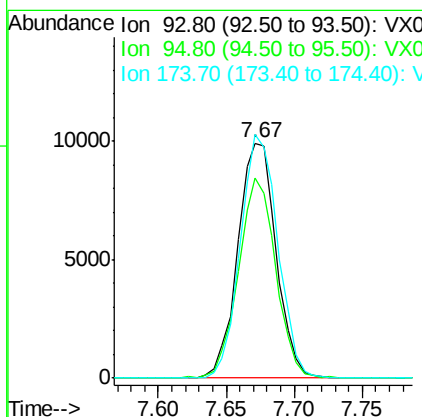
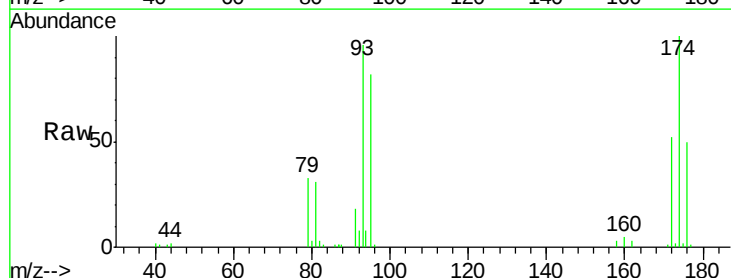
Tgt Ion: 93 Resp: 19509

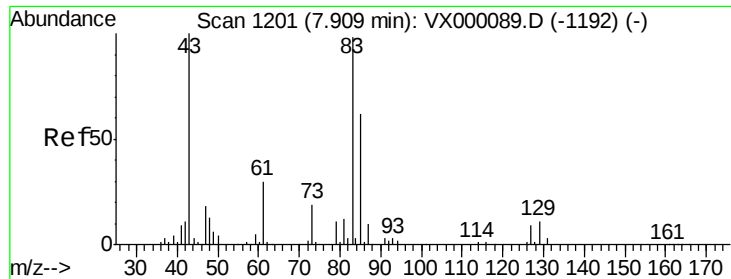
Ion Ratio Lower Upper

93 100

95 82.7 65.0 97.6

174 101.5 83.1 124.7





#47

Bromodichloromethane

Concen: 20.29 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

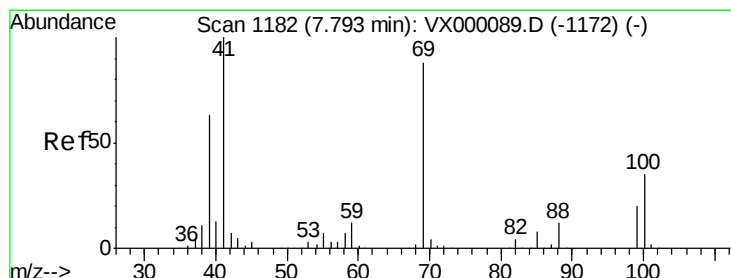
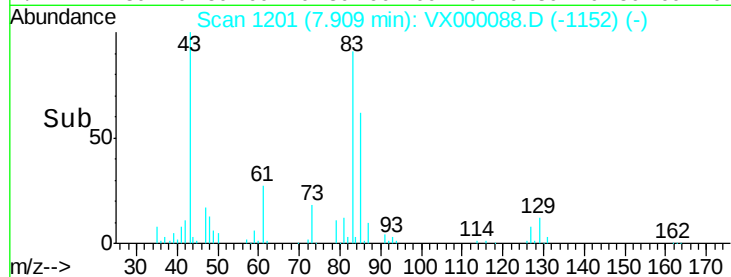
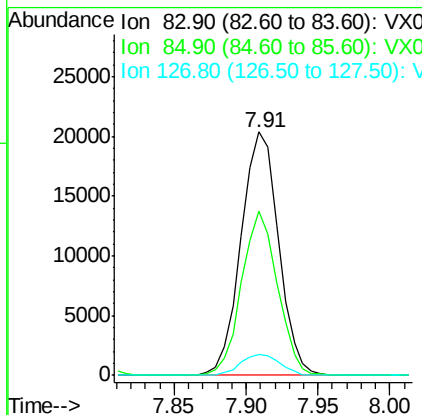
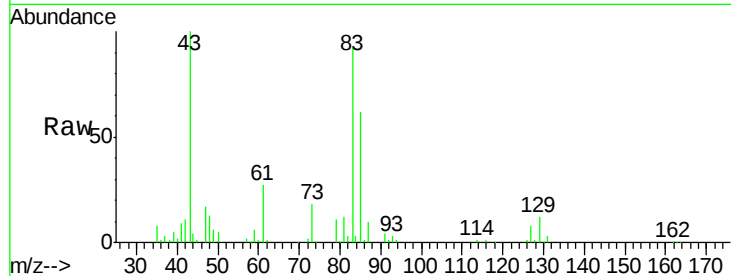
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	36774
Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.4	75.6
127	8.8	7.2	10.8

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM



#48

Methyl methacrylate

Concen: 20.12 ug/l

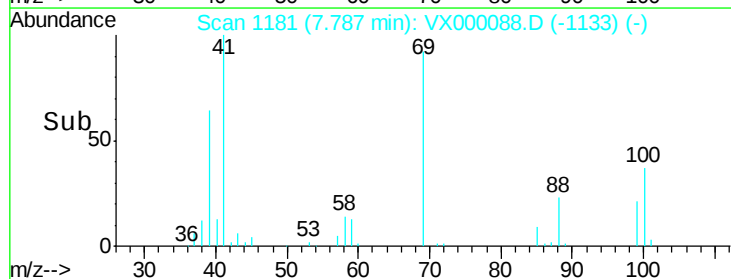
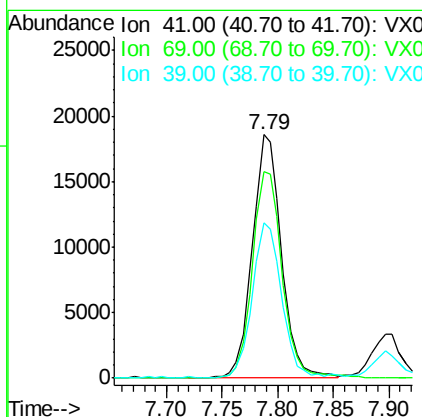
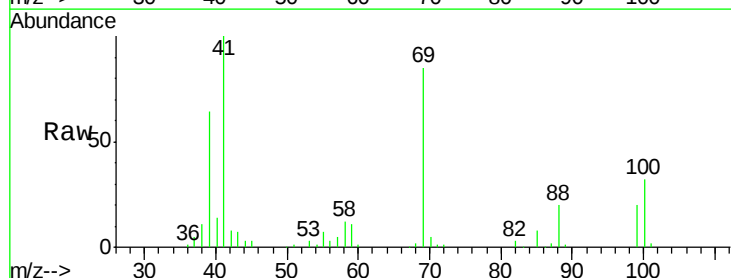
RT: 7.79 min Scan# 1181

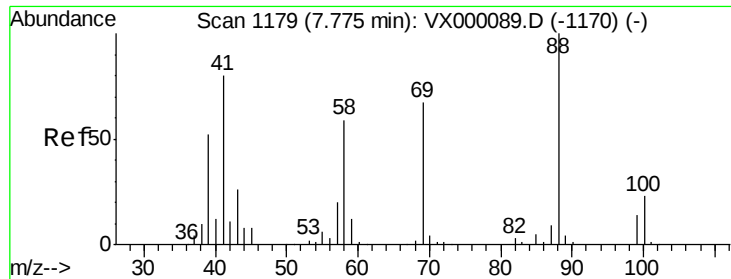
Delta R.T. -0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Tgt Ion:	41	Resp:	34011
Ion	Ratio	Lower	Upper
41	100		
69	86.9	70.2	105.4
39	65.0	51.0	76.6





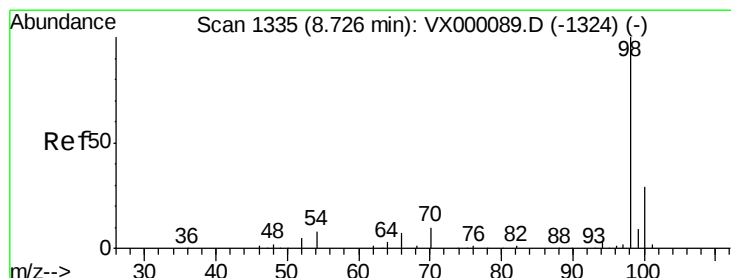
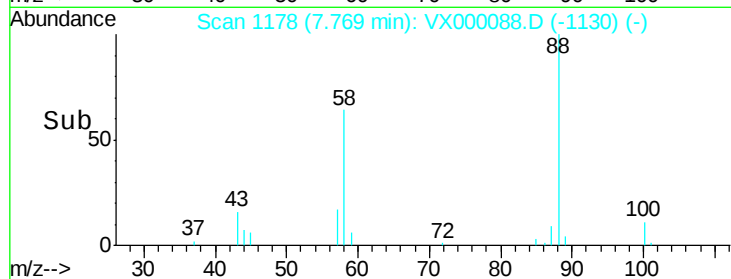
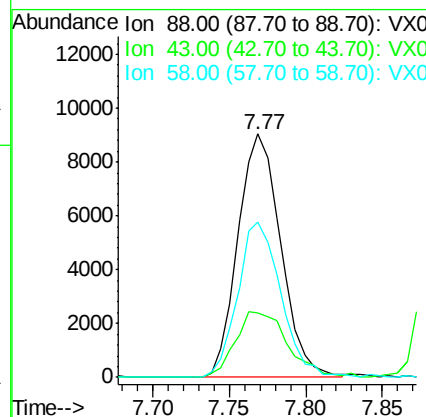
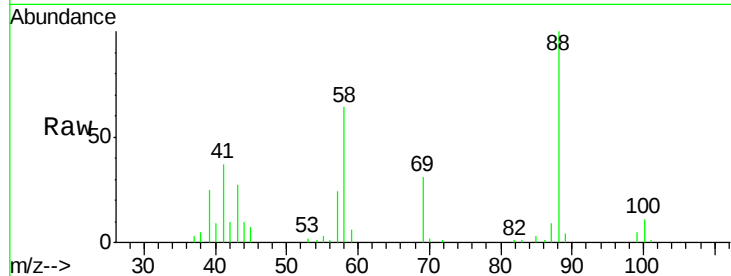
#49
1,4-Dioxane
Concen: 390.76 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	24.1	36.1
58	64.3	49.0	73.6

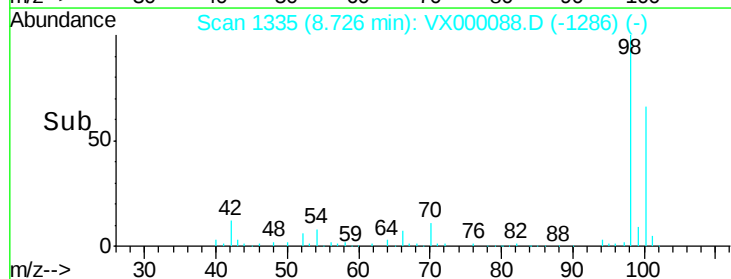
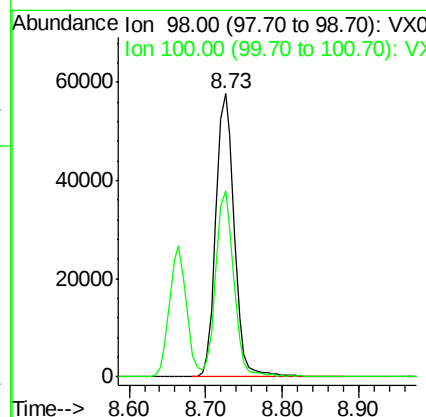
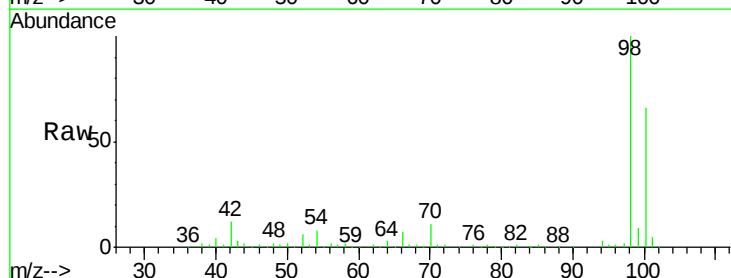
Manual Integrations
APPROVED

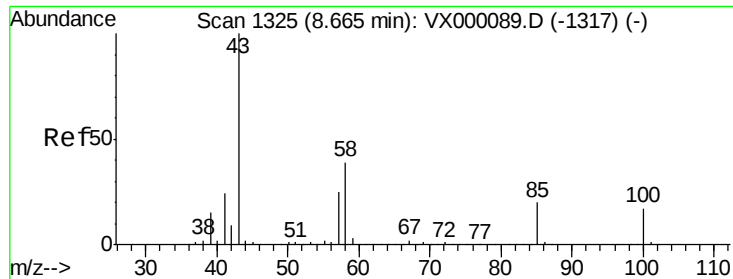
sam
2/16/2018 1:20:56 PM



#50
Toluene-d8
Concen: 21.62 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 106.83 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 257788

Ion Ratio Lower Upper

43 100

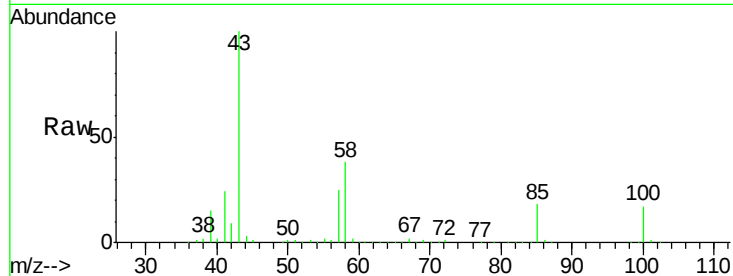
58 37.4 31.6 47.4

Manual Integrations

APPROVED

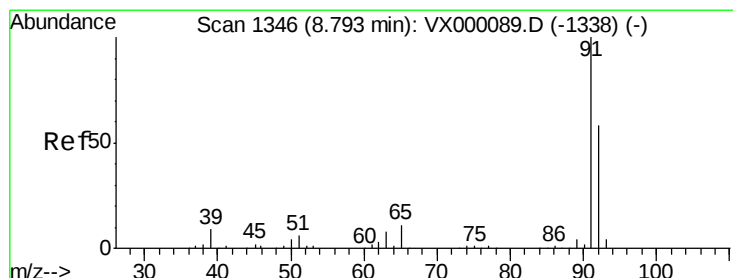
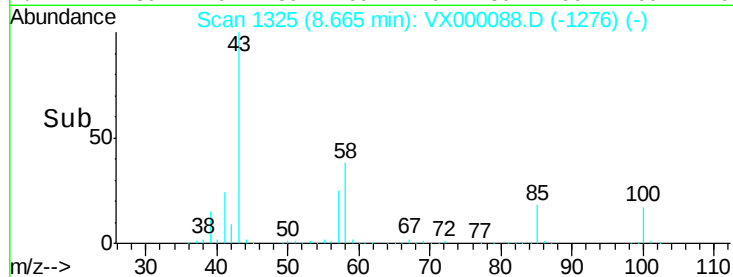
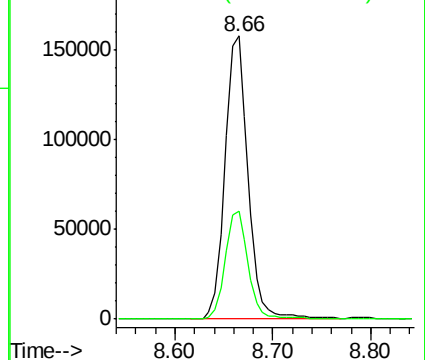
sam

2/16/2018 1:20:56 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.23 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000088.D

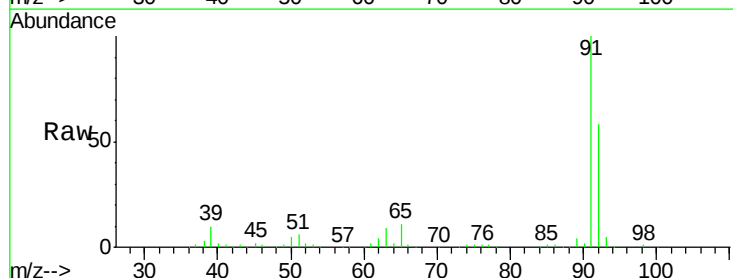
Acq: 14 Feb 2018 15:44

Tgt Ion: 92 Resp: 67587

Ion Ratio Lower Upper

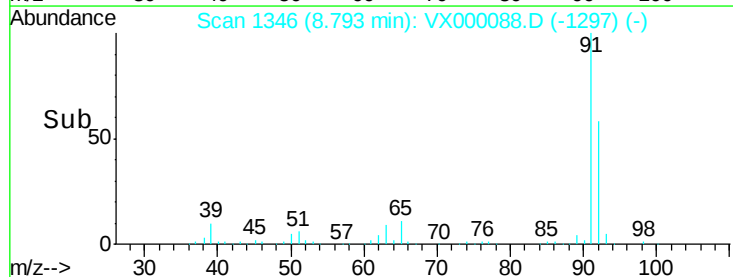
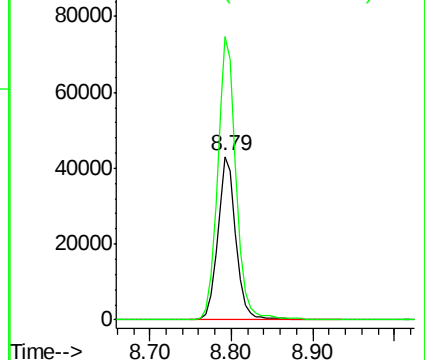
92 100

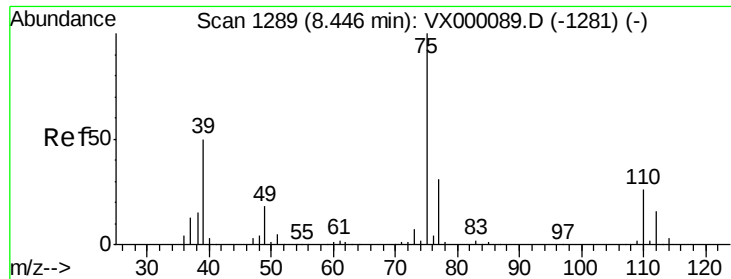
91 176.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





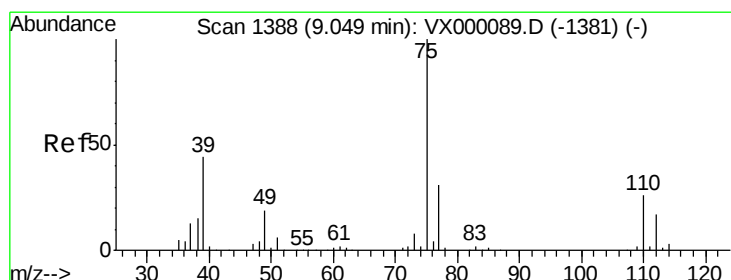
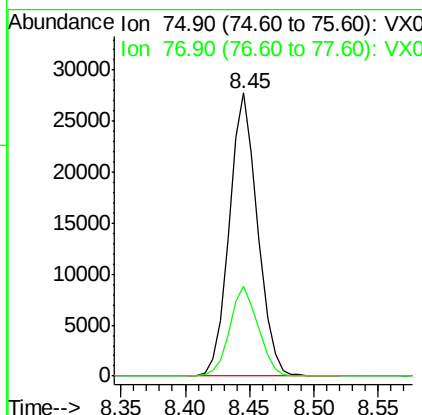
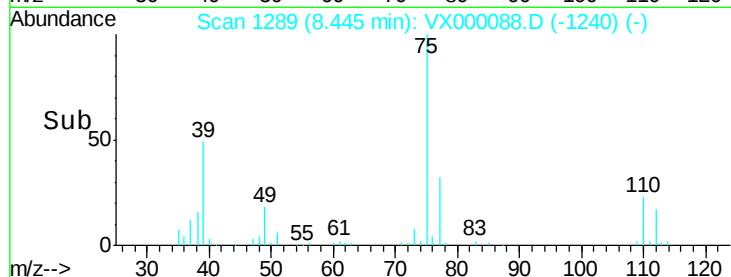
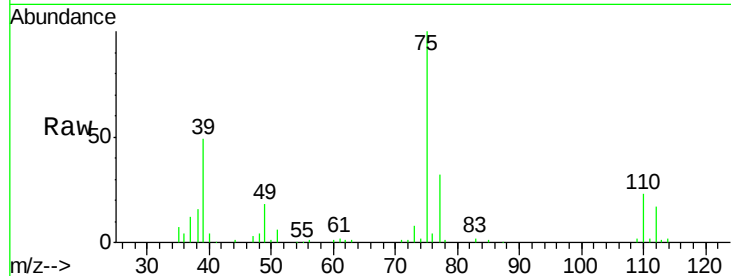
#53
t-1,3-Dichloropropene
Concen: 20.13 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 42584
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6

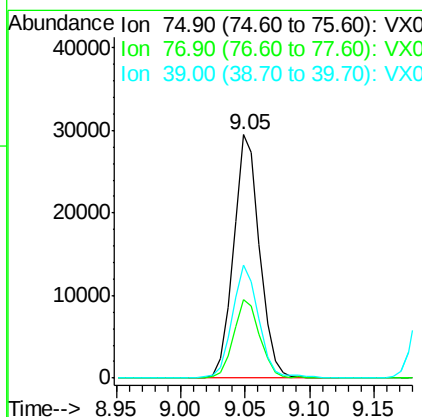
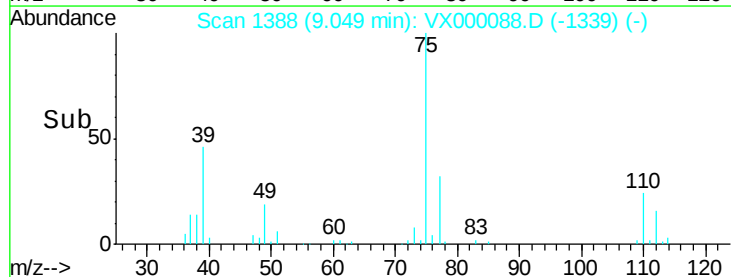
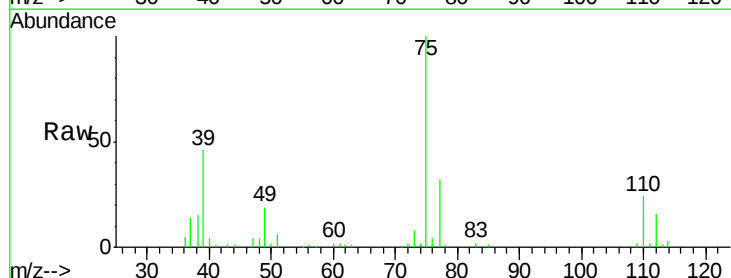
Manual Integrations
APPROVED

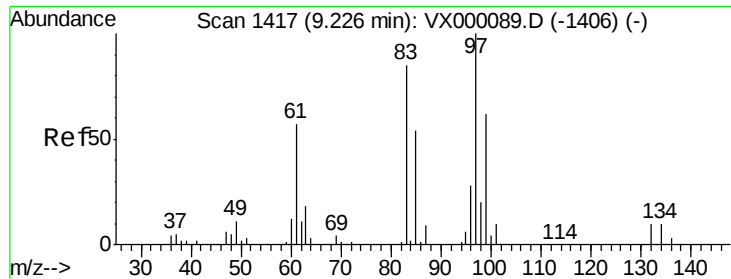
sam
2/16/2018 1:20:56 PM



#54
cis-1,3-Dichloropropene
Concen: 20.11 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion: 75 Resp: 41467
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6
39 46.1 35.4 53.0





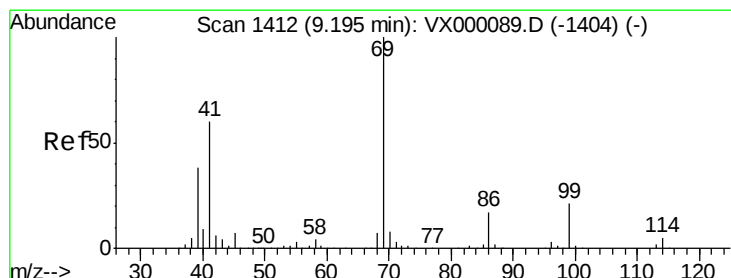
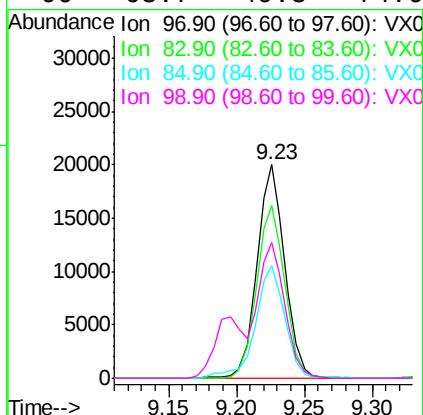
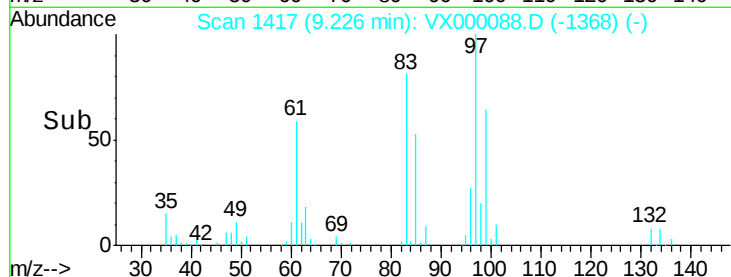
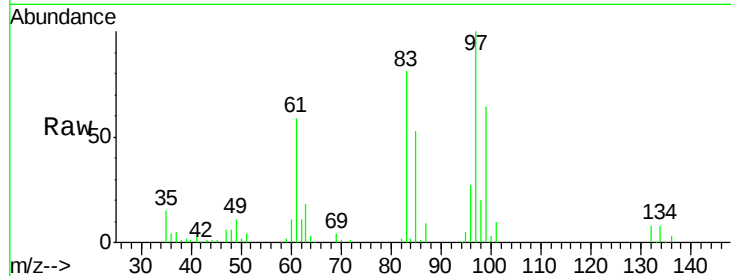
#55
 1,1,2-Trichloroethane
 Concen: 20.35 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	28476
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.6	101.4
85	53.0	42.9	64.3
99	63.7	49.8	74.6

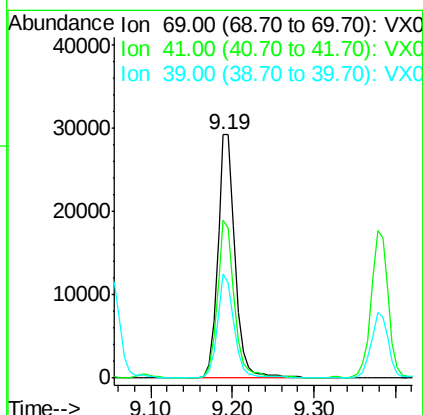
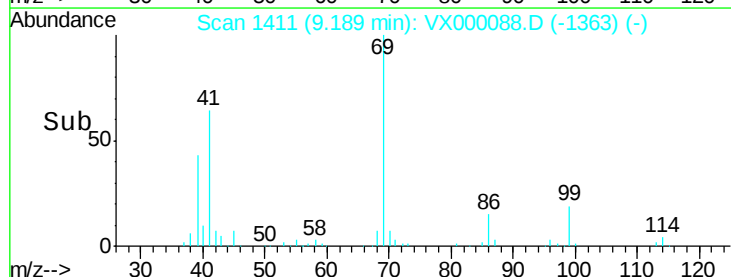
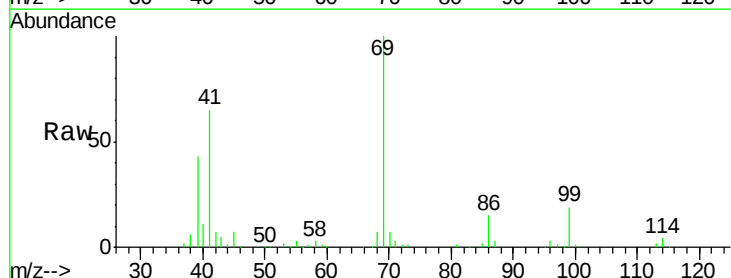
Manual Integrations
 APPROVED

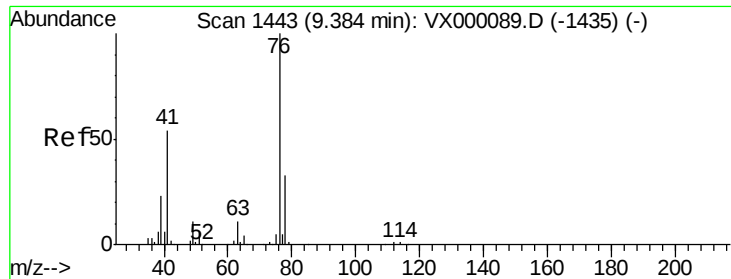
sam
 2/16/2018 1:20:56 PM



#56
 Ethyl methacrylate
 Concen: 20.36 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion:	69	Resp:	43663
Ion	Ratio	Lower	Upper
69	100		
41	64.1	49.4	74.0
39	41.1	31.3	46.9





#57

1,3-Dichloropropane

Concen: 20.50 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion: 76 Resp: 44744

Ion Ratio Lower Upper

76 100

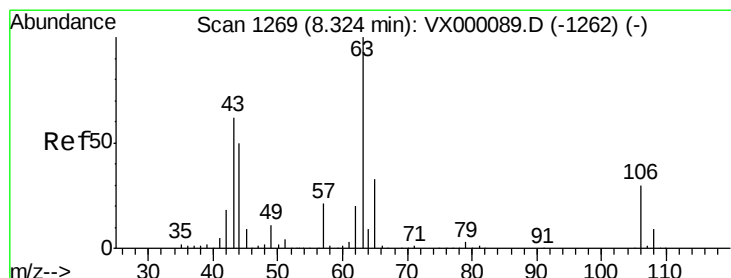
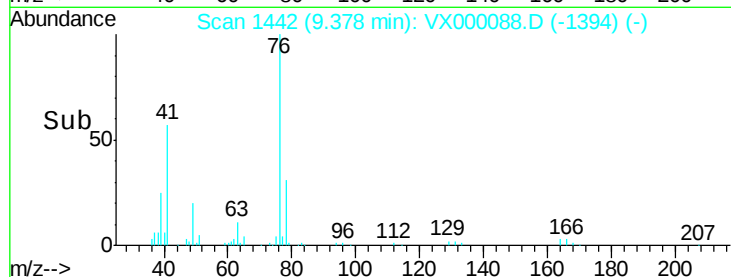
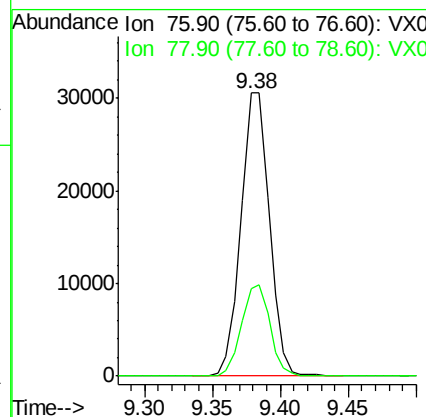
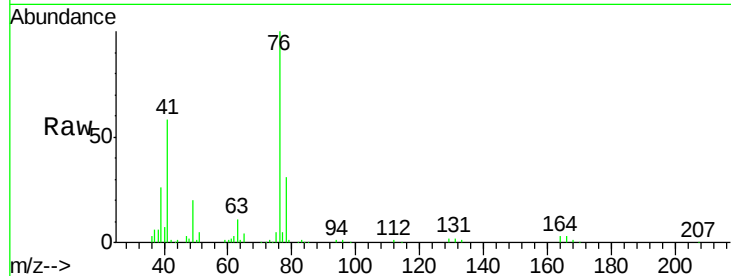
78 32.4 25.8 38.8

Manual Integrations

APPROVED

sam

2/16/2018 1:20:56 PM



#58

2-Chloroethyl Vinyl ether

Concen: 100.83 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000088.D

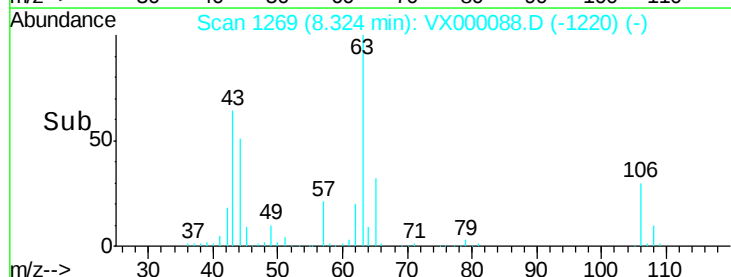
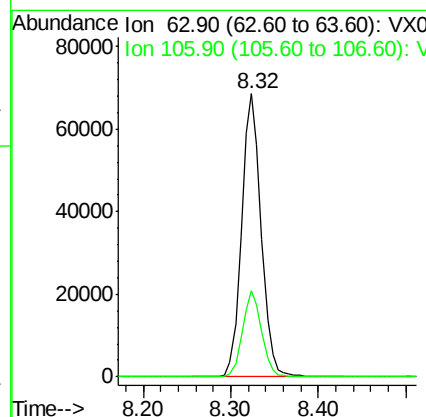
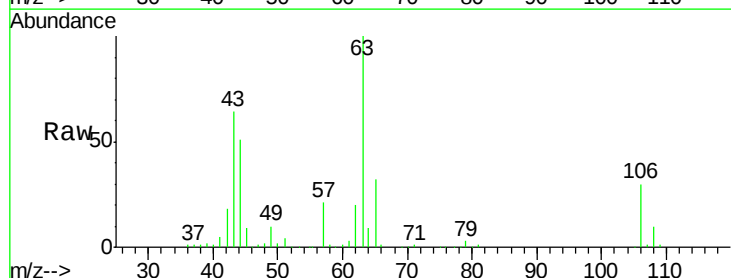
Acq: 14 Feb 2018 15:44

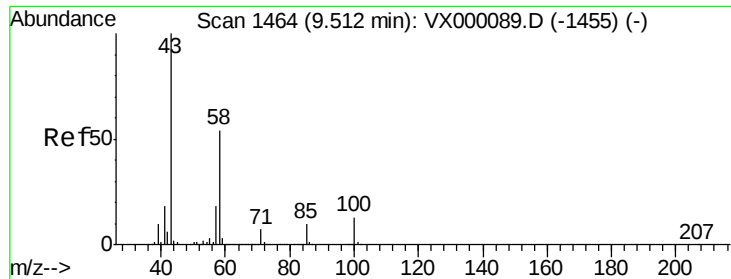
Tgt Ion: 63 Resp: 107081

Ion Ratio Lower Upper

63 100

106 29.5 24.6 37.0





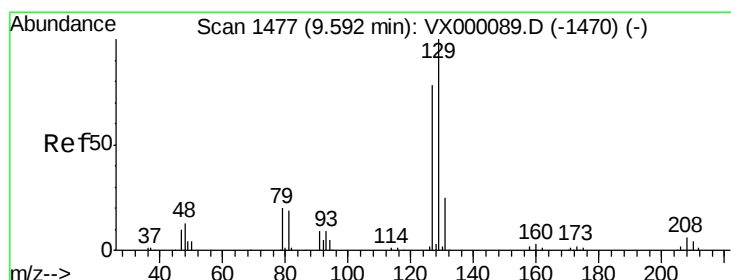
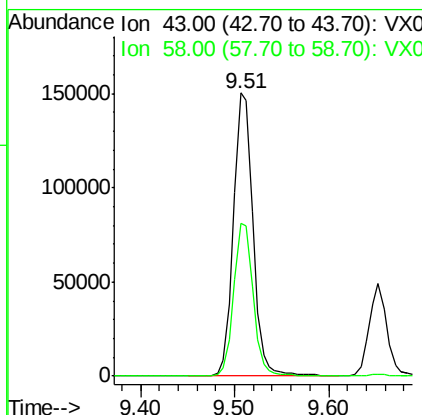
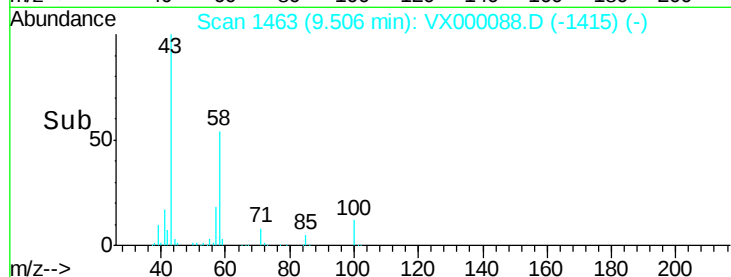
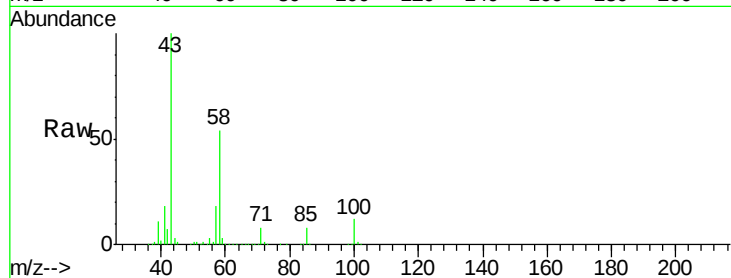
#59
2-Hexanone
Concen: 109.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 217199
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3

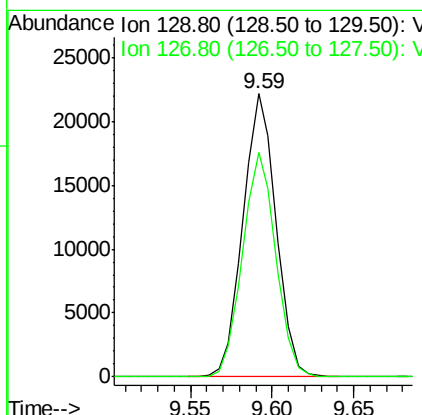
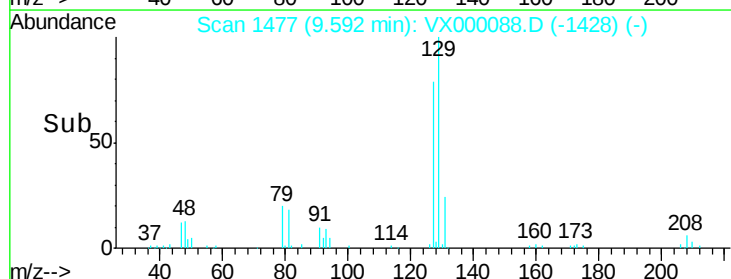
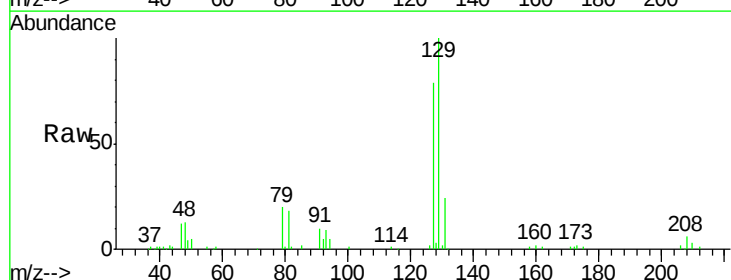
Manual Integrations
APPROVED

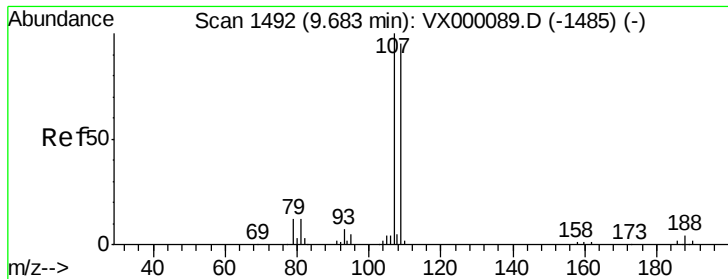
sam
2/16/2018 1:20:56 PM



#60
Dibromochloromethane
Concen: 19.48 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion:129 Resp: 31327
Ion Ratio Lower Upper
129 100
127 79.5 37.6 112.9





#61

1,2-Dibromoethane

Concen: 20.61 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :
VSTDIC020

Tot Ion:107 Resp: 31625

Ion Ratio Lower Upper

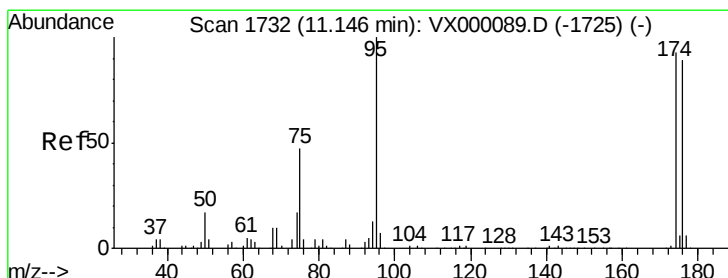
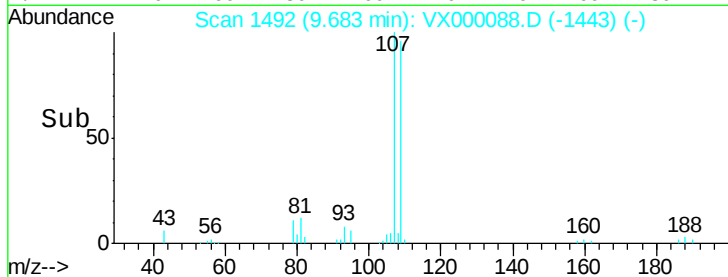
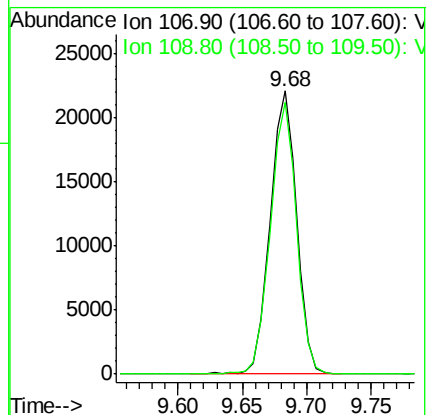
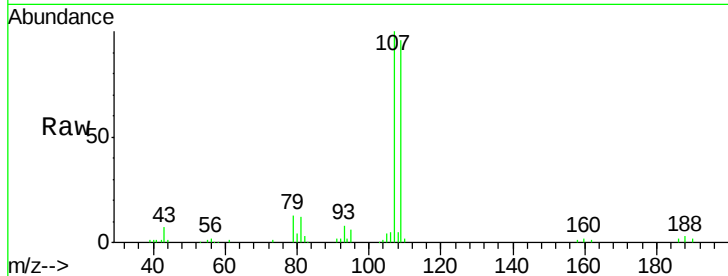
107 100

109 95.2 76.4 114.6

Manual Integrations
APPROVED

sam

2/16/2018 1:20:56 PM



#62

4-Bromofluorobenzene

Concen: 20.72 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

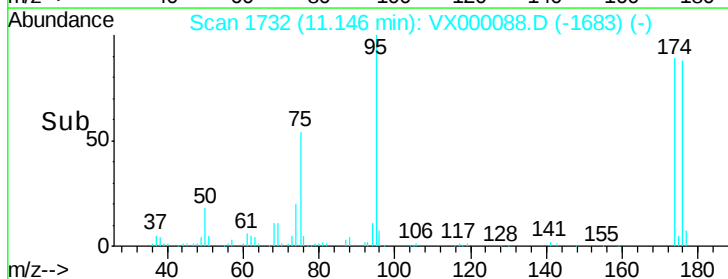
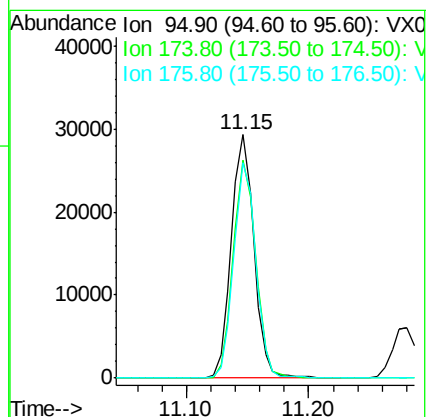
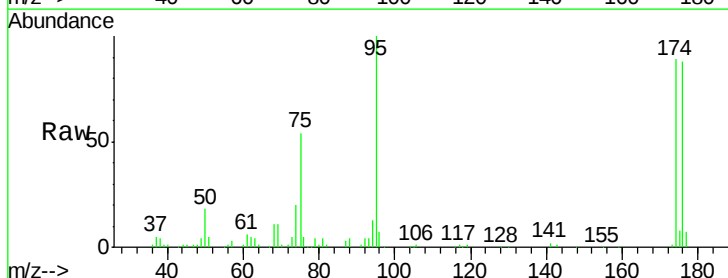
Tgt Ion: 95 Resp: 37380

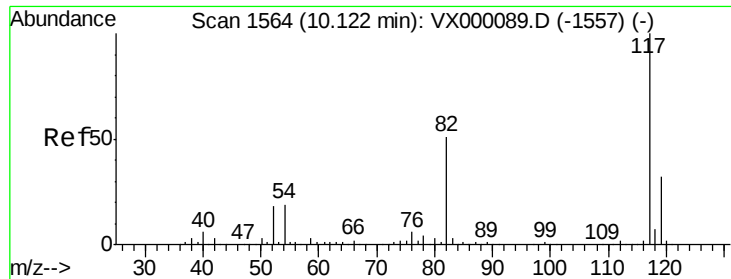
Ion Ratio Lower Upper

95 100

174 88.9 0.0 187.8

176 86.2 0.0 181.2





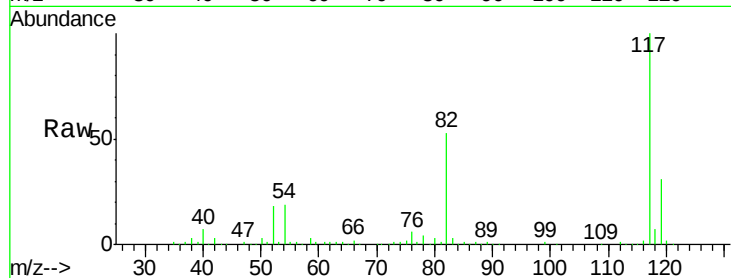
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	195483		
82	52.8	41.0	61.6	
119	31.5	25.5	38.3	

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM

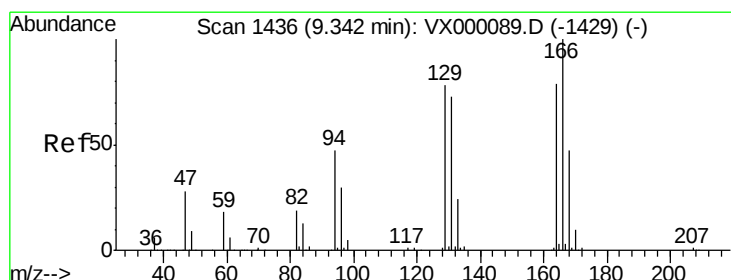
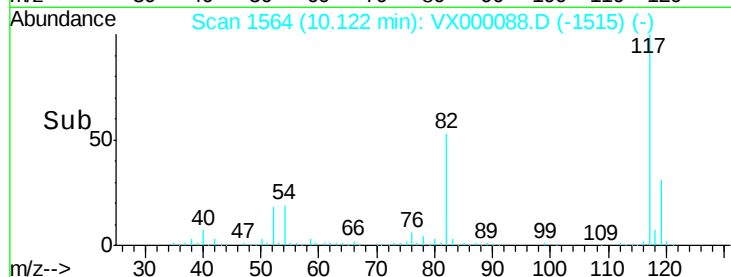
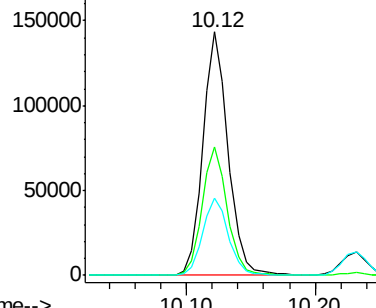


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	27481		
166	130.3	101.4	152.2	
129	100.6	78.6	118.0	
131	92.7	73.8	110.6	

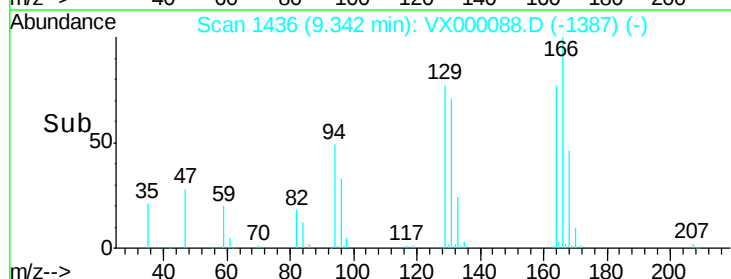
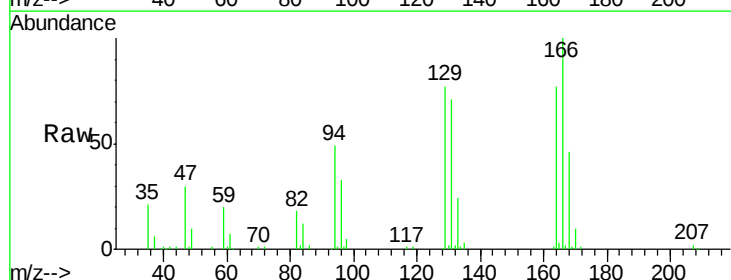
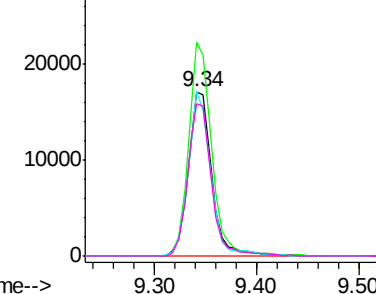
Abundance

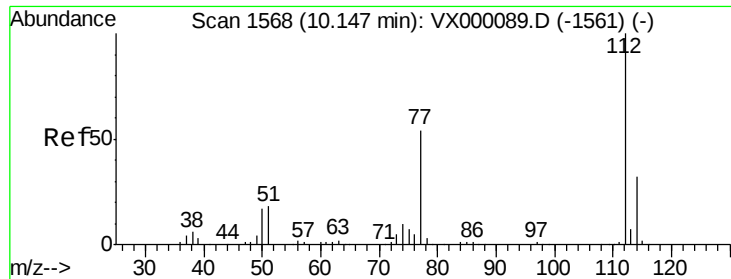
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





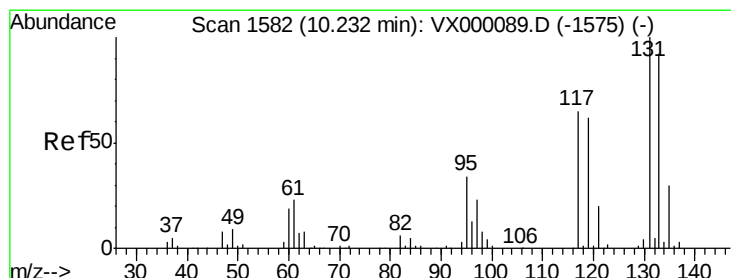
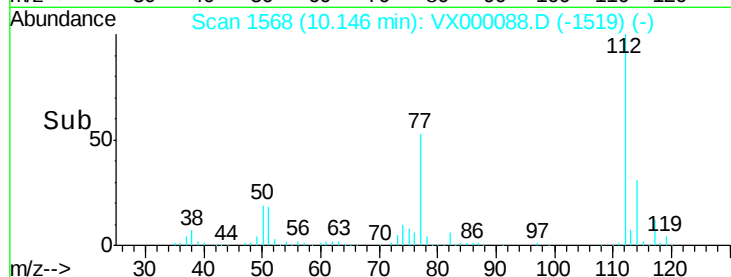
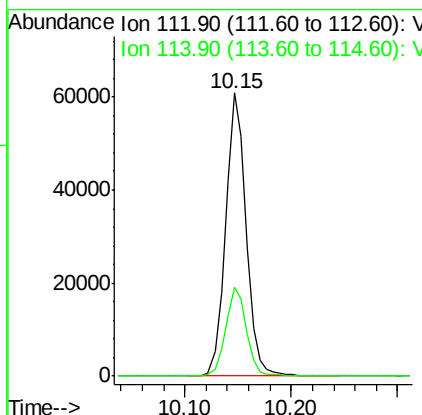
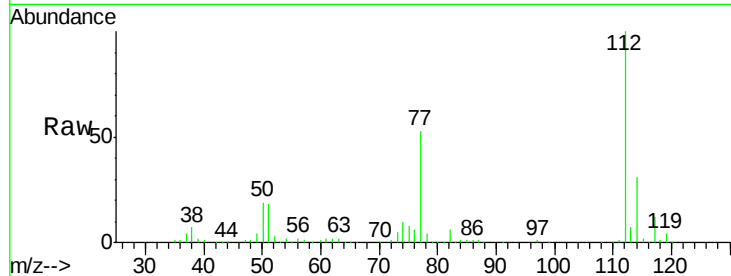
#65
Chlorobenzene
Concen: 20.16 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
Client Sampled :
VSTDIC020

Tot Ion:112 Resp: 82041
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

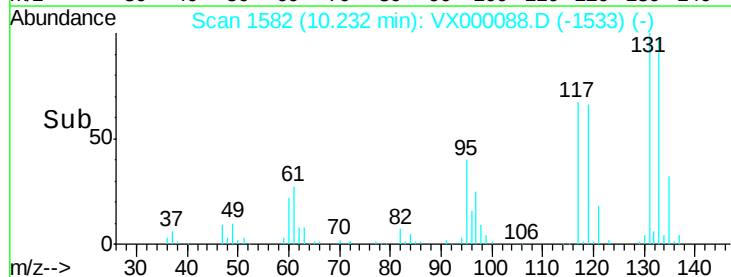
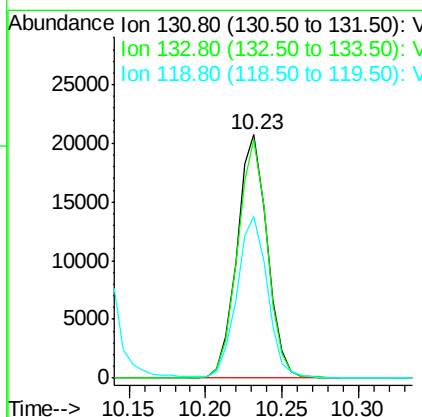
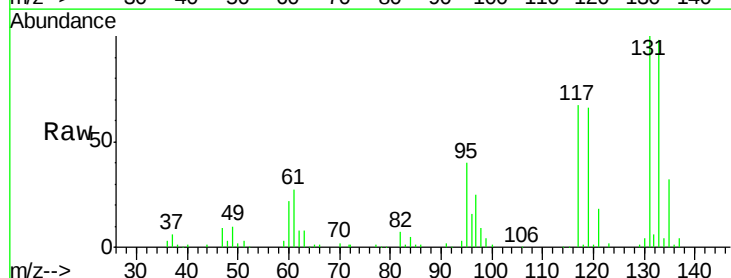
Manual Integrations
APPROVED

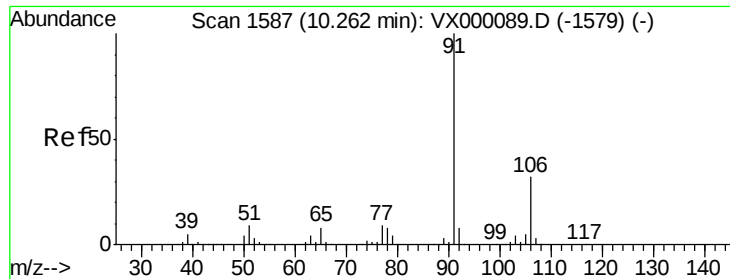
sam
2/16/2018 1:20:56 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.44 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion:131 Resp: 28402
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 67.3 31.7 95.1





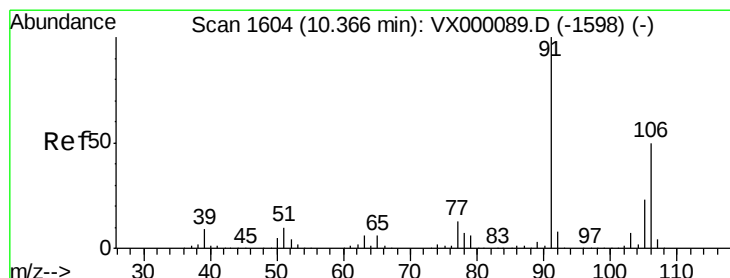
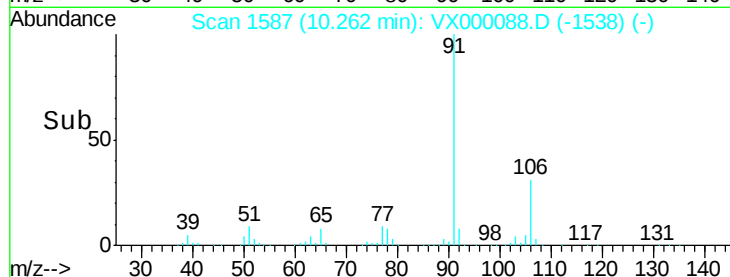
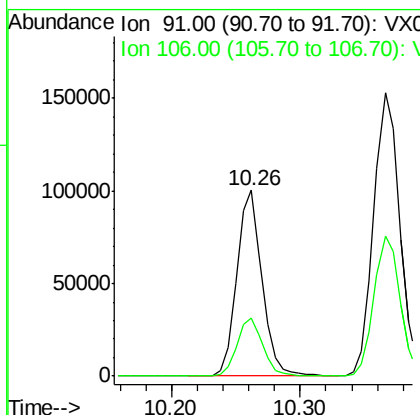
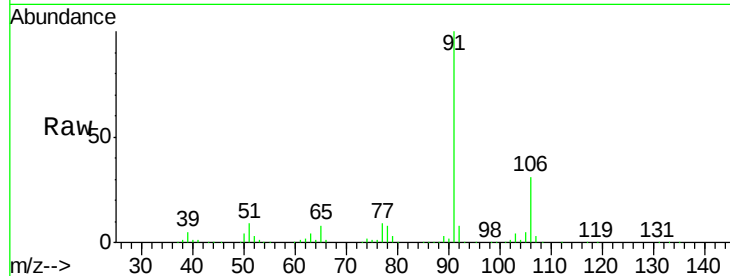
#67
Ethyl Benzene
Concen: 20.19 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion: 91 Resp: 136323
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.6

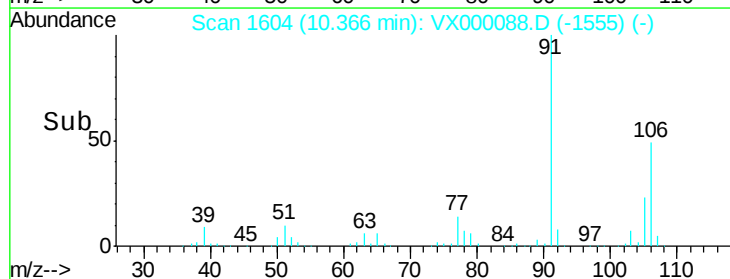
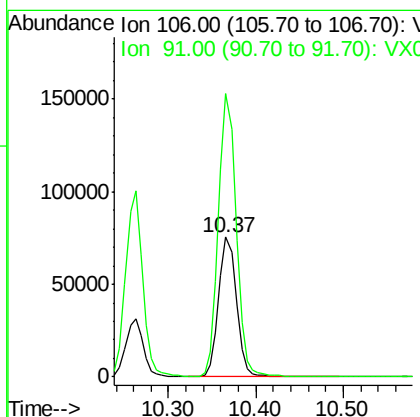
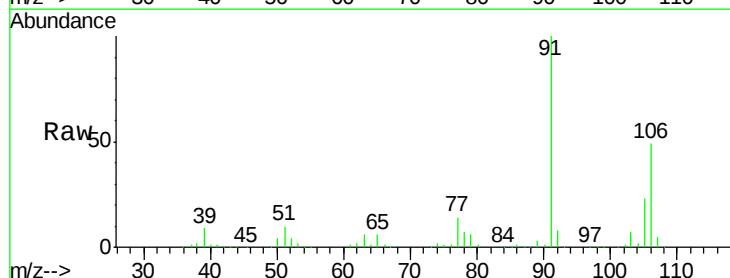
Manual Integrations
APPROVED

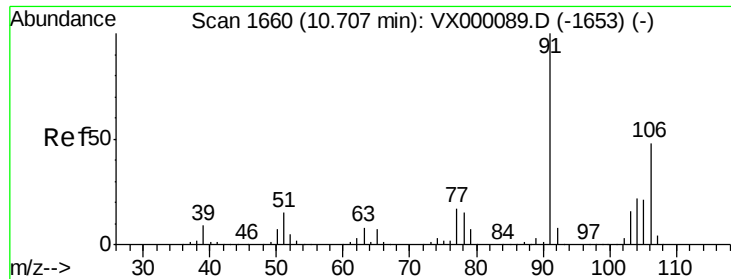
sam
2/16/2018 1:20:56 PM



#68
m/p-Xylenes
Concen: 39.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion: 106 Resp: 107425
Ion Ratio Lower Upper
106 100
91 200.0 159.1 238.7





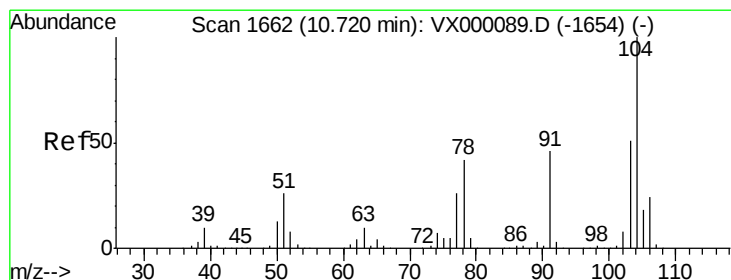
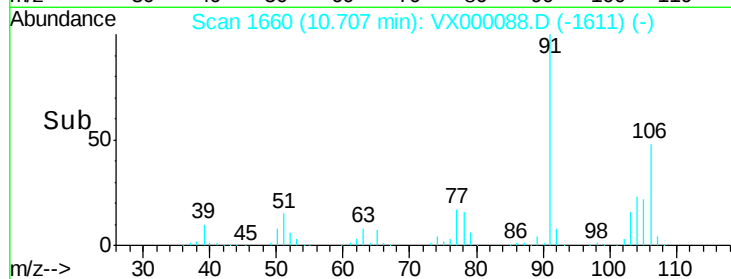
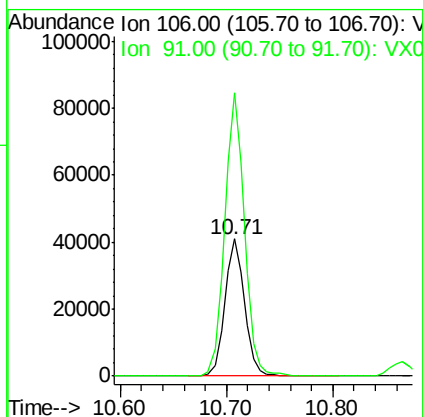
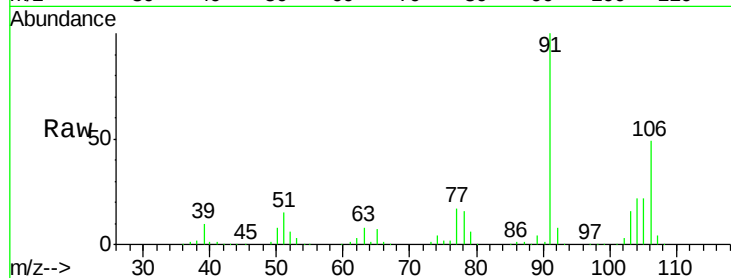
#69
o-Xylene
Concen: 20.45 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
Client Sampled :
VSTDIC020

Tot Ion:106 Resp: 53085
Ion Ratio Lower Upper
106 100
91 207.2 103.8 311.6

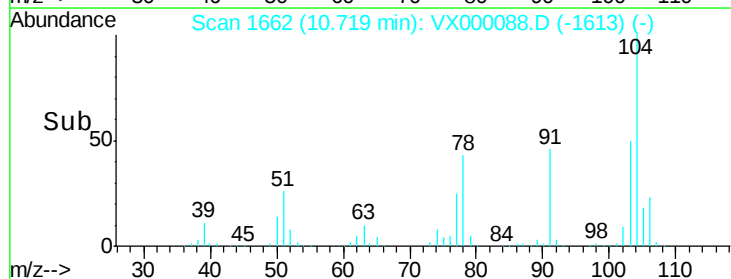
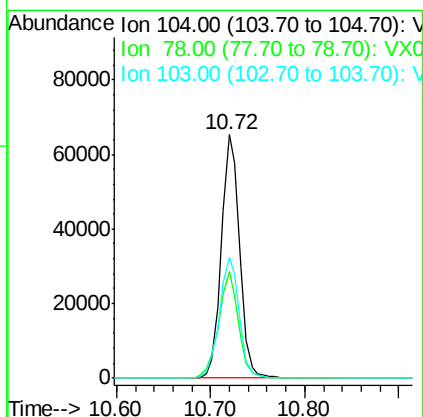
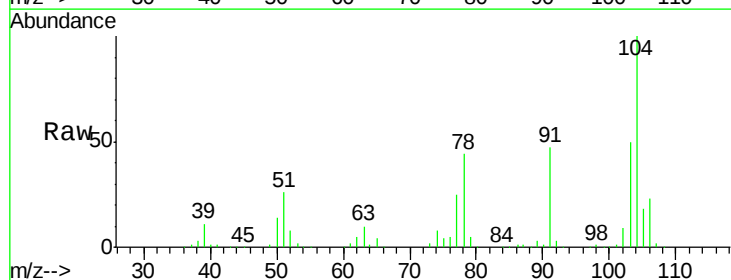
Manual Integrations
APPROVED

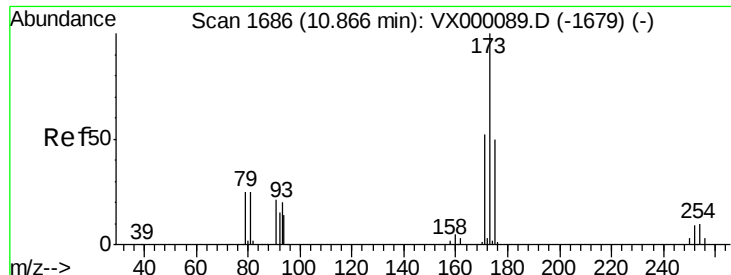
sam
2/16/2018 1:20:56 PM



#70
Styrene
Concen: 20.08 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion:104 Resp: 87861
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.4
103 53.9 44.2 66.4





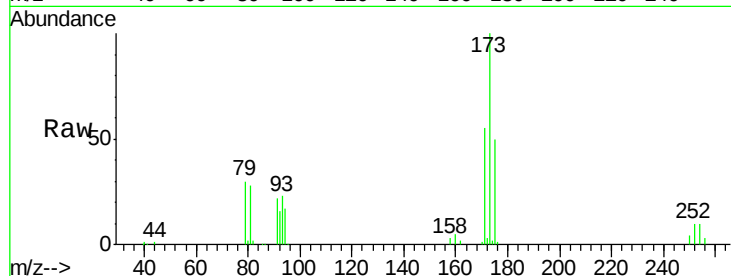
#71
Bromoform
Concen: 18.44 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

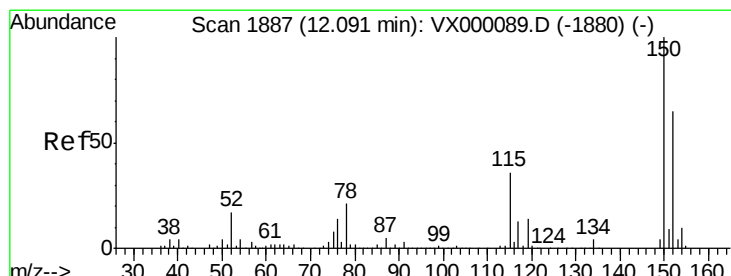
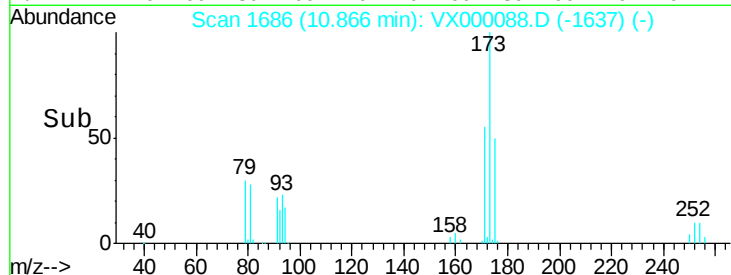
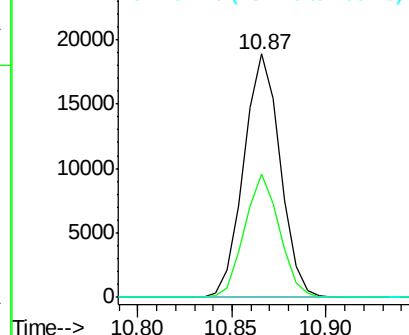
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM

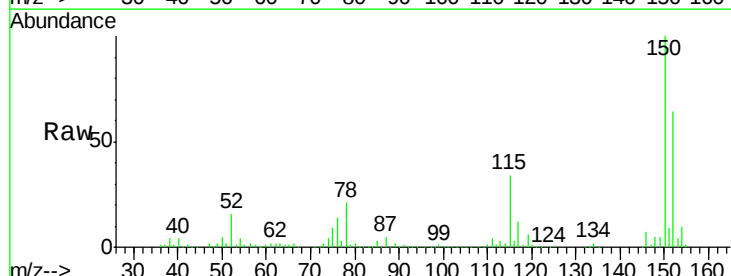


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

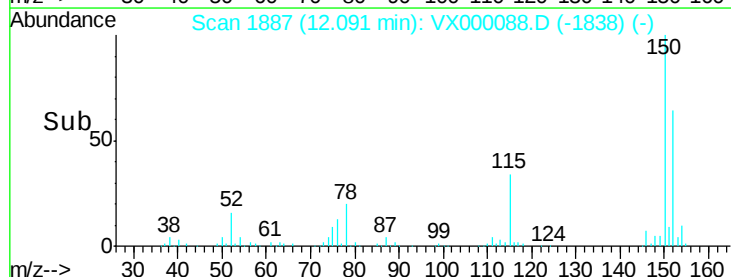
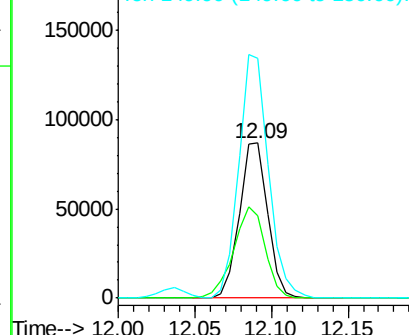


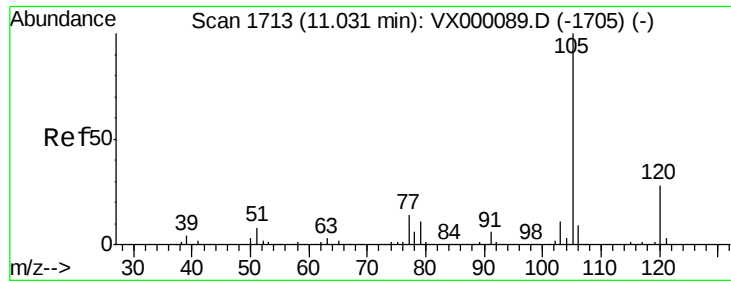
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.5	39.1	117.2
150	164.6	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: 19.87 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion:105 Resp: 140615

Ion Ratio Lower Upper

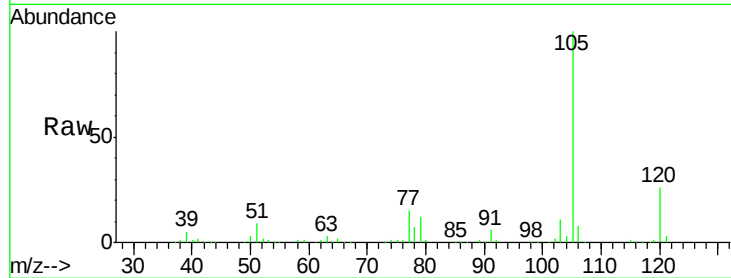
105 100

120 27.3 14.0 42.0

Manual Integrations
APPROVED

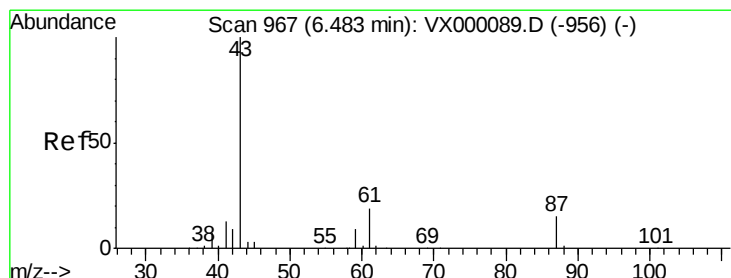
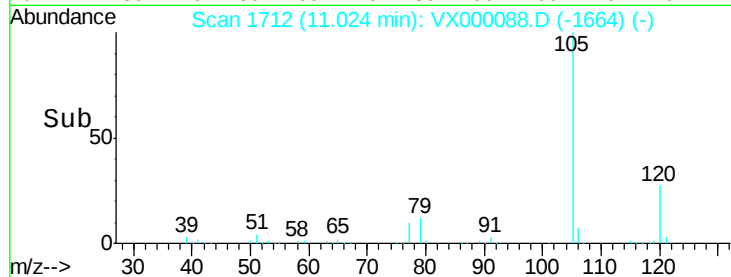
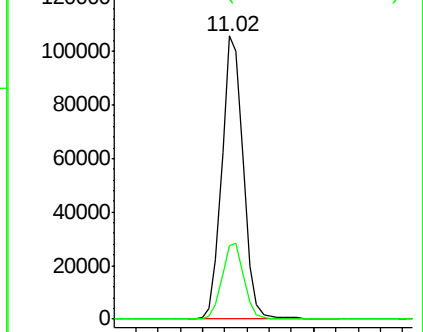
sam

2/16/2018 1:20:56 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.82 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Tgt Ion: 43 Resp: 70532

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

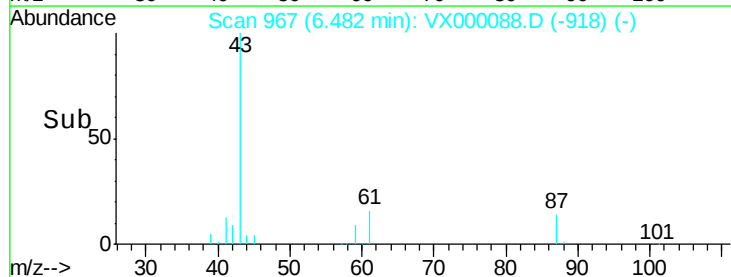
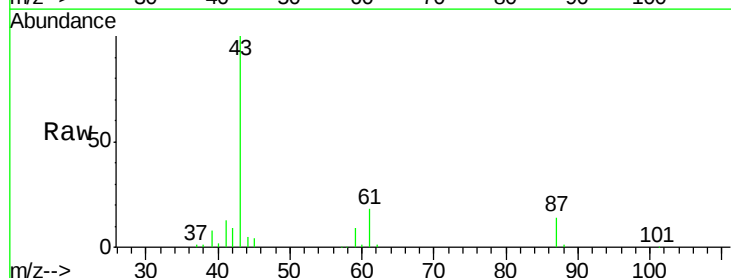
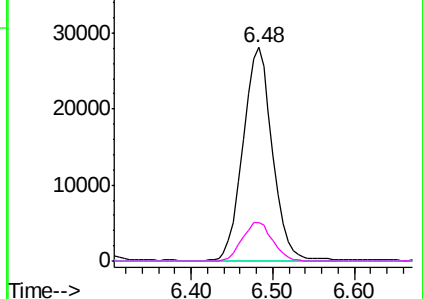
61 18.7 15.6 23.4

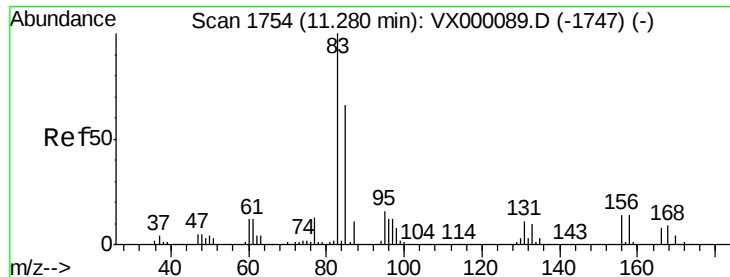
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.92 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

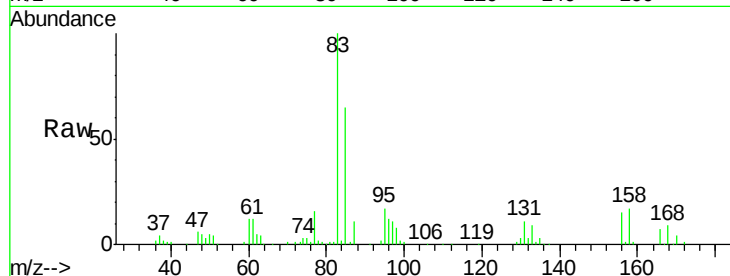
ClientSampled :

VSTDIC020

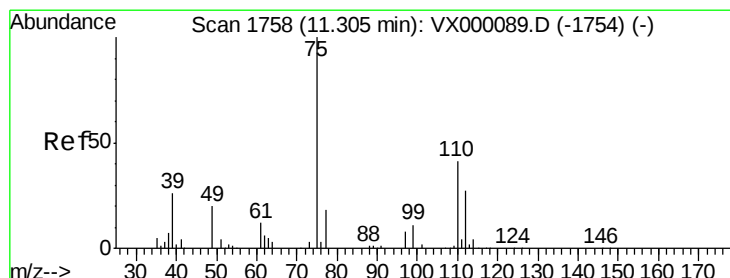
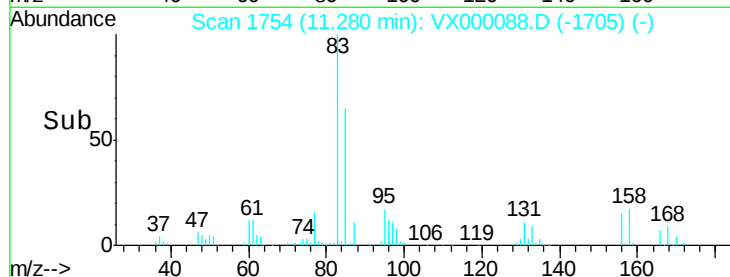
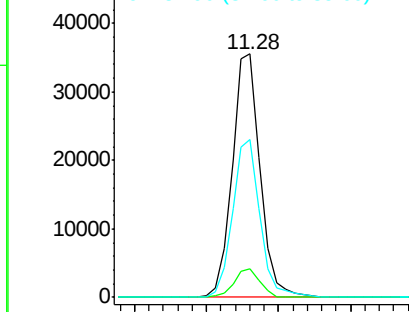
Tot Ion:	83	Resp:	48043
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.6	16.8
85	64.1	32.3	96.8

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM



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



#76

1,2,3-Trichloropropane

Concen: 20.62 ug/l m

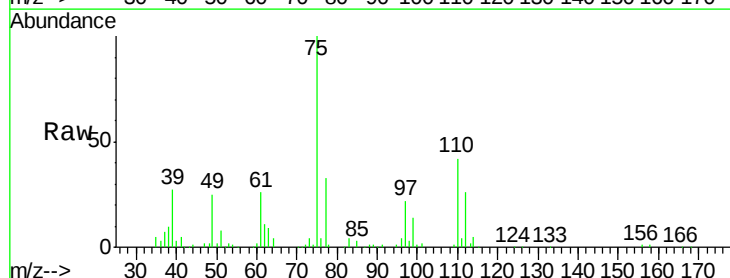
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

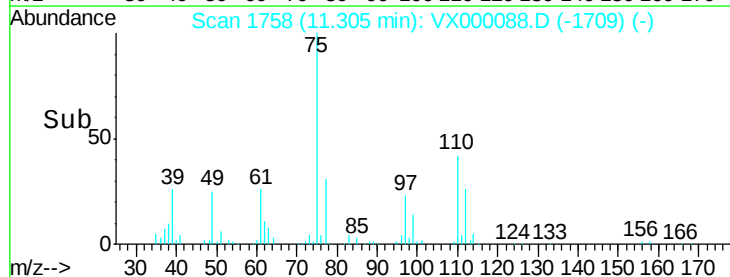
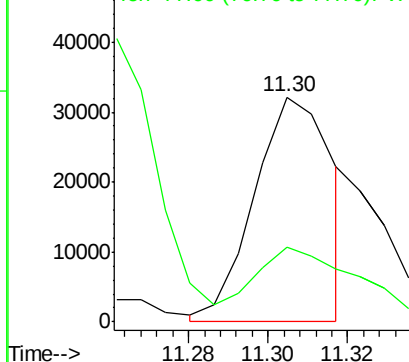
Lab File: VX000088.D

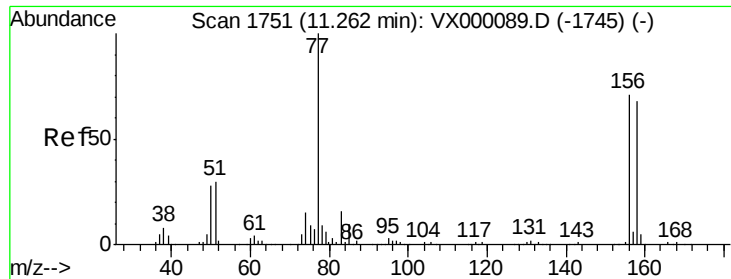
Acq: 14 Feb 2018 15:44

Tgt Ion:	75	Resp:	43657
Ion Ratio	Lower	Upper	
75	100		
77	45.2	22.8	68.3



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





#77

Bromobenzene

Concen: 19.49 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion:156 Resp: 37381

Ion Ratio Lower Upper

156 100

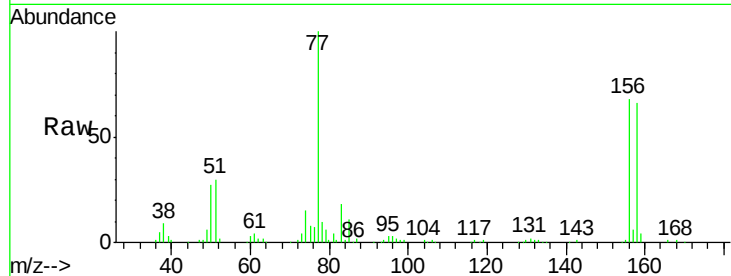
77 139.4 67.0 201.0

158 99.3 48.3 144.9

Manual Integrations
APPROVED

sam

2/16/2018 1:20:56 PM

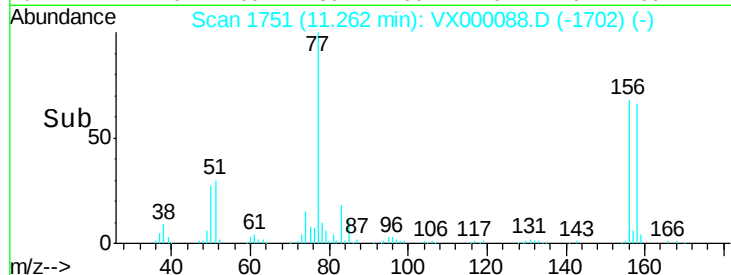


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

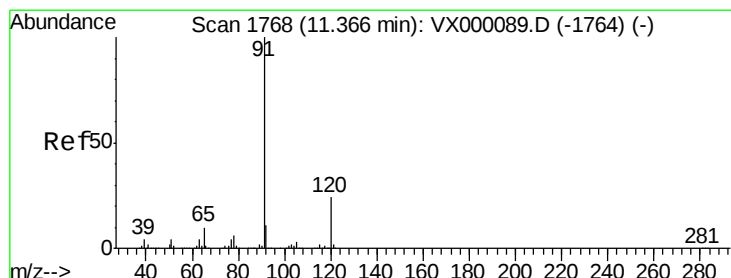
Ion 157.80 (157.50 to 158.50): V

Time-->



11.26

Time-->



#78

n-propylbenzene

Concen: 19.82 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000088.D

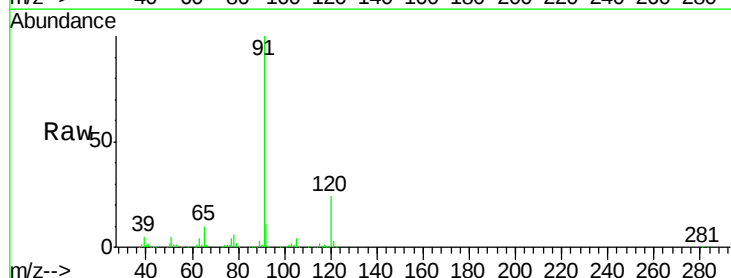
Acq: 14 Feb 2018 15:44

Tgt Ion: 91 Resp: 163030

Ion Ratio Lower Upper

91 100

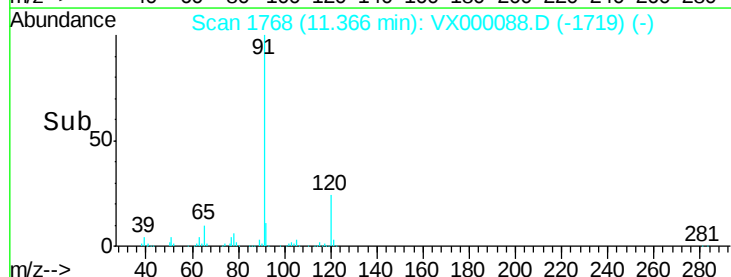
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

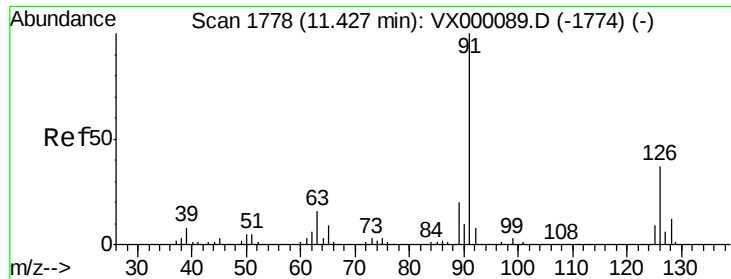
Ion 120.00 (119.70 to 120.70): V

Time-->



11.37

Time-->



#79

2-Chlorotoluene

Concen: 19.48 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 92484

Ion Ratio Lower Upper

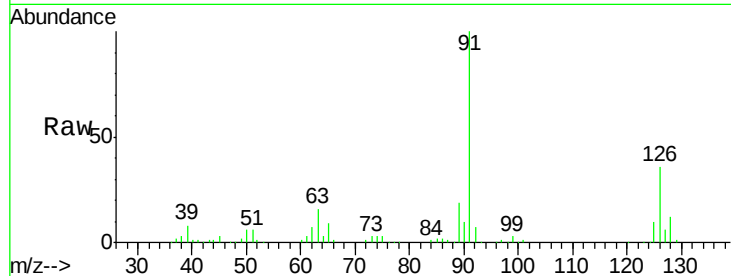
91 100

126 37.2 18.4 55.2

Manual Integrations
APPROVED

sam

2/16/2018 1:20:56 PM



Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)

150000

100000

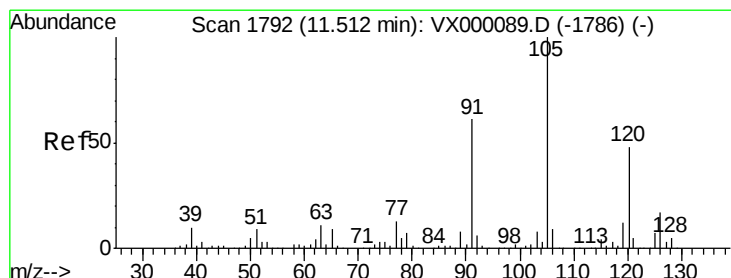
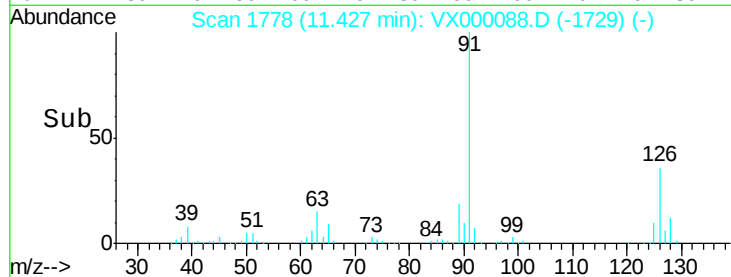
50000

0

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000088.D

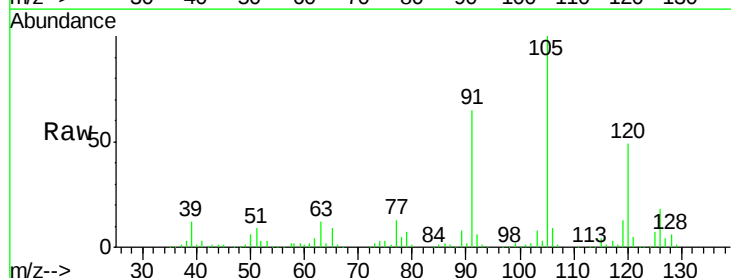
Acq: 14 Feb 2018 15:44

Tgt Ion: 105 Resp: 119816

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)

100000

80000

60000

40000

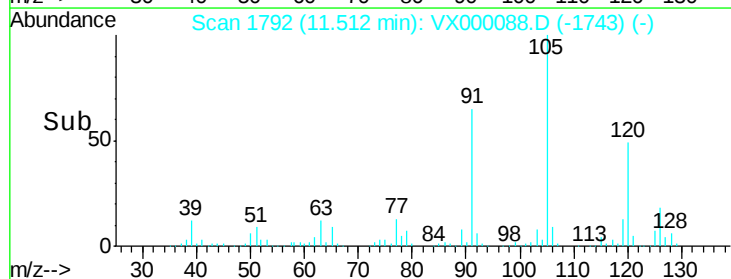
20000

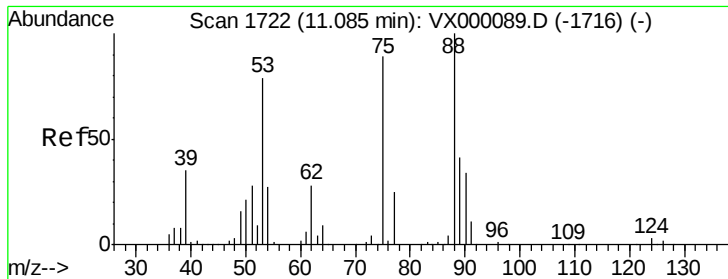
0

11.51

11.60

Time-->





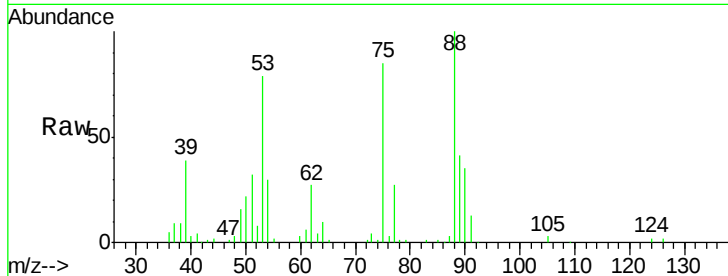
#81
trans-1,4-Dichloro-2-butene
Concen: 18.50 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

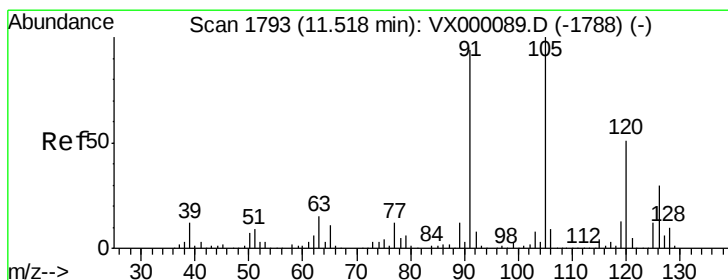
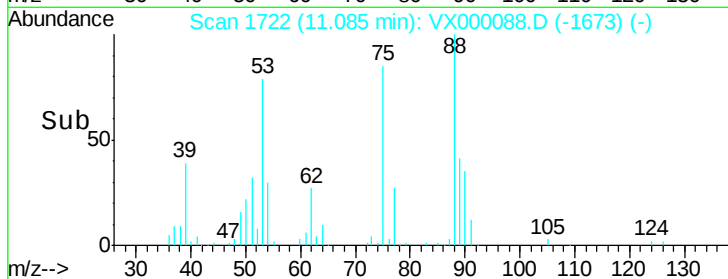
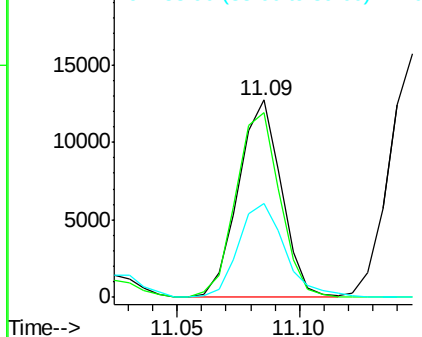
Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	72.3	108.5
89	51.6	40.6	60.8

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM

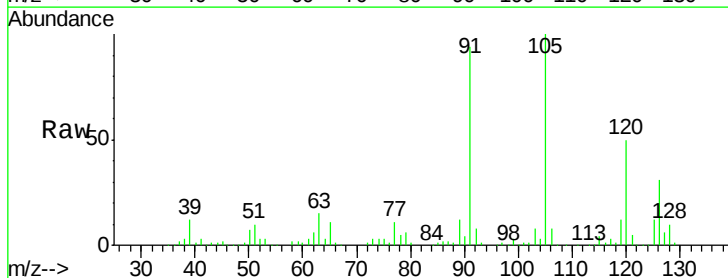


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

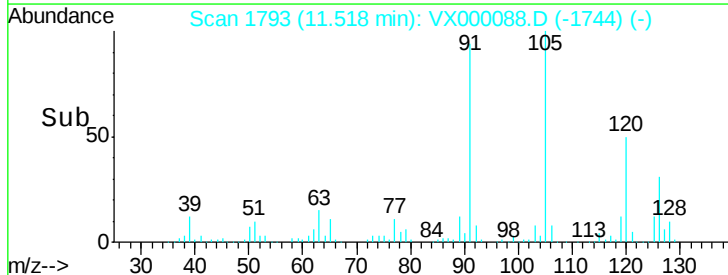
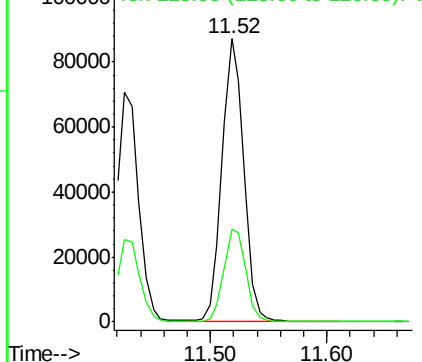


#82
4-Chlorotoluene
Concen: 19.87 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





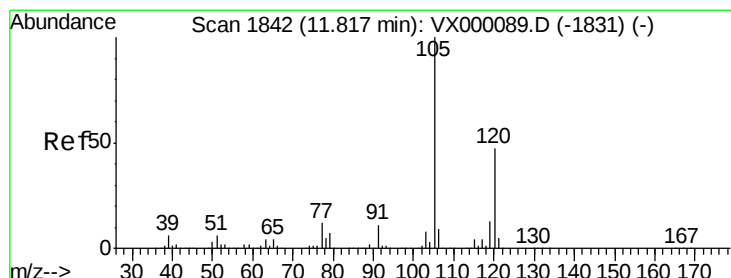
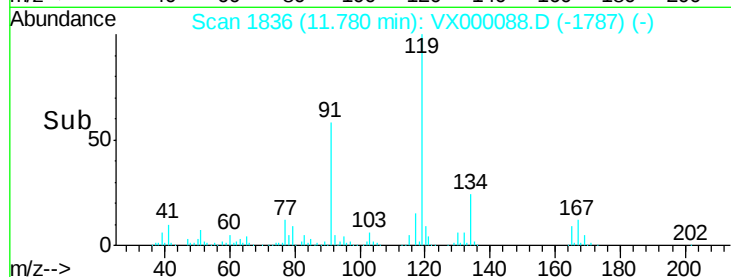
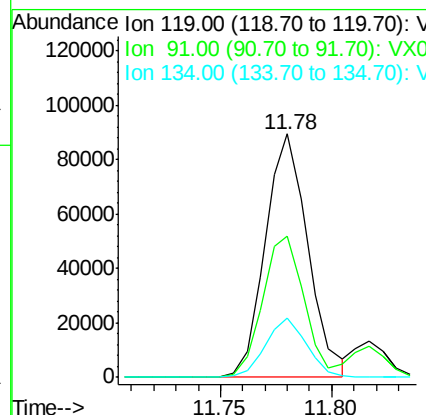
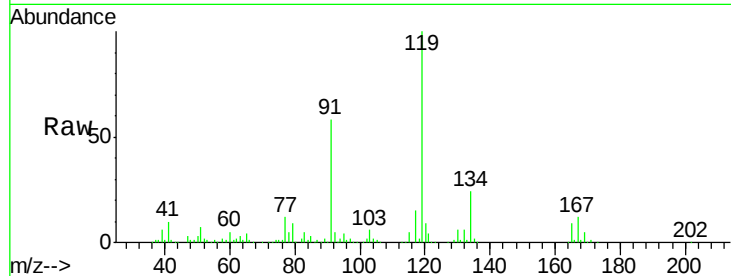
#83
 tert-Butylbenzene
 Concen: 19.84 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	118690		
91	56.2	28.4	85.2	
134	23.5	11.8	35.4	

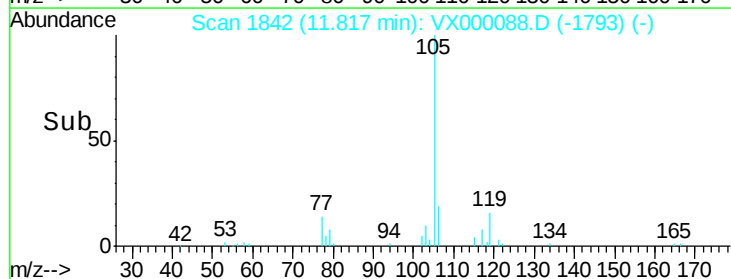
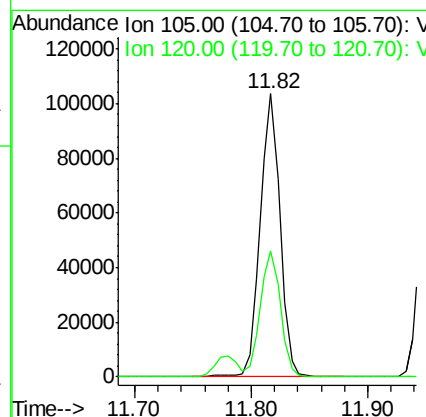
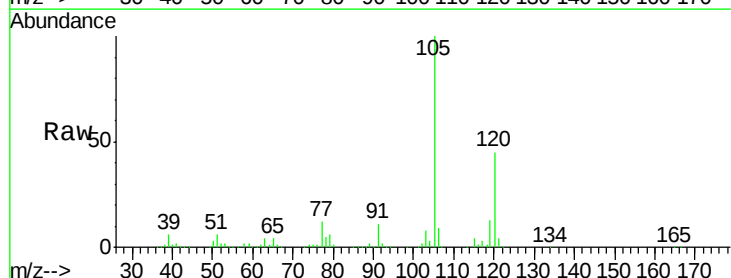
Manual Integrations
 APPROVED

sam
 2/16/2018 1:20:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.37 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	124059		
120	45.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 20.24 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

Instrument :

ClientSampled :
VSTDIC020

Tot Ion:105 Resp: 149341

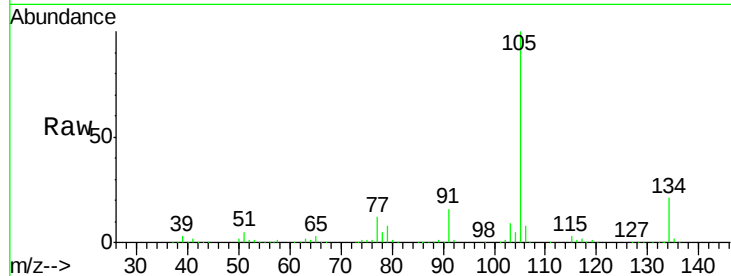
Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.6

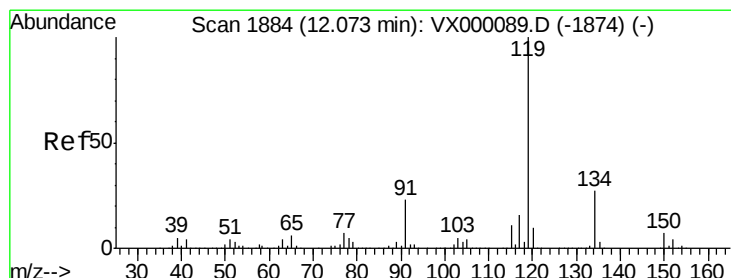
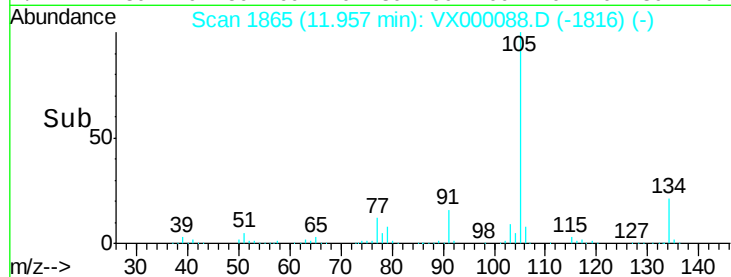
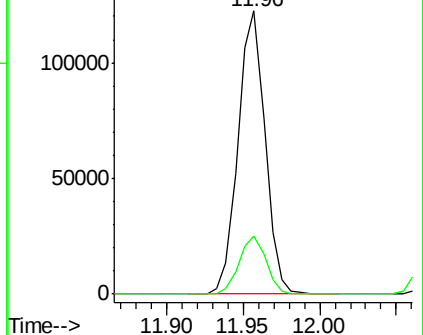
Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.77 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000088.D

Acq: 14 Feb 2018 15:44

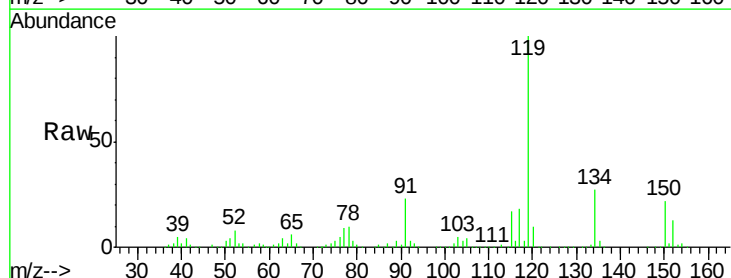
Tgt Ion:119 Resp: 131418

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

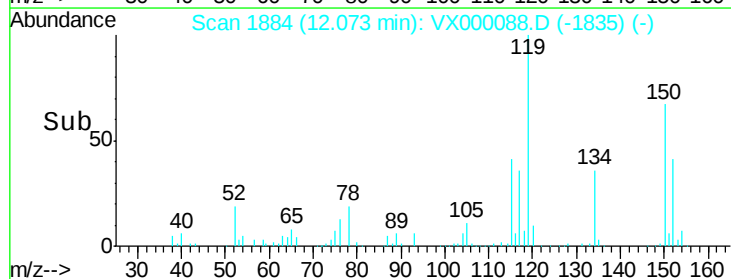
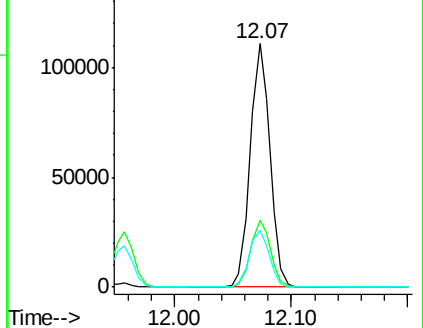
91 23.9 11.7 35.0

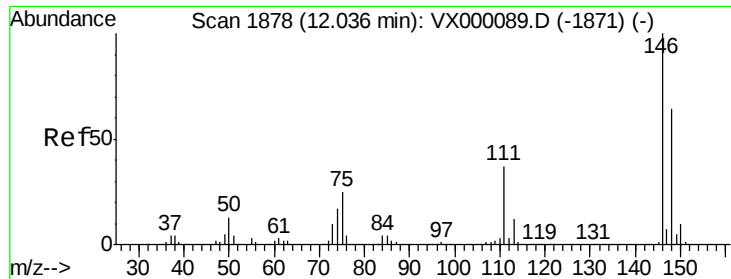


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





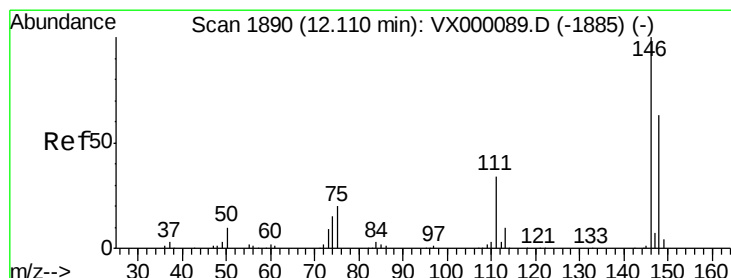
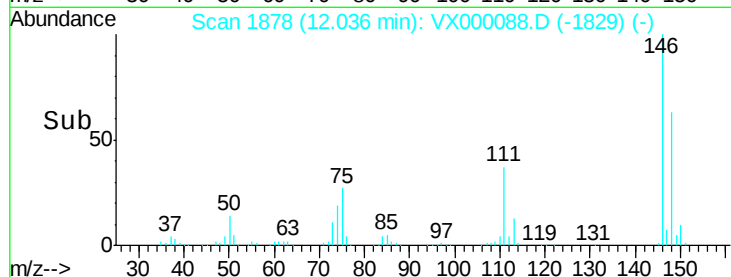
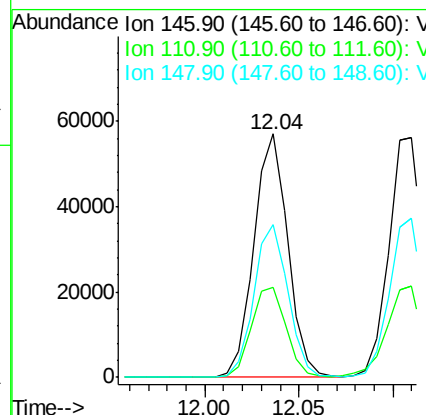
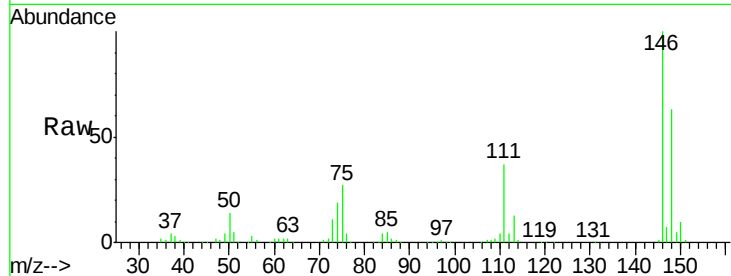
#87
 1,3-Dichlorobenzene
 Concen: 19.62 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	63.0	32.2	96.6

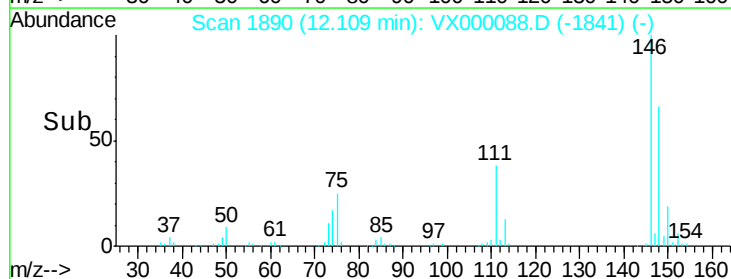
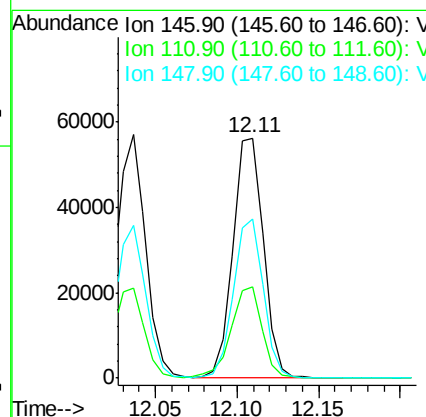
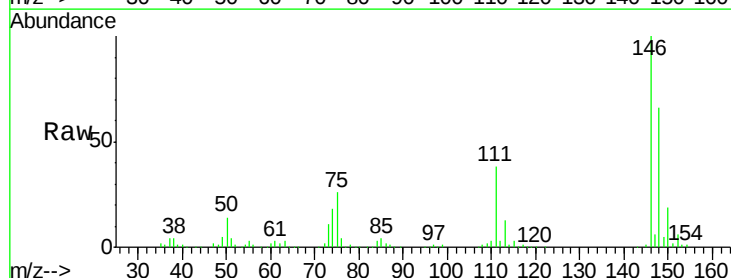
Manual Integrations
 APPROVED

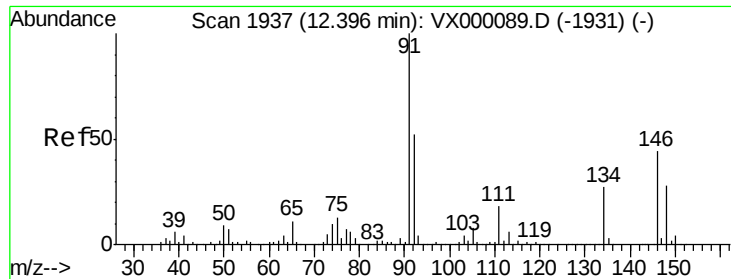
sam
 2/16/2018 1:20:56 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.73 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.4	55.0
148	65.0	31.9	95.9





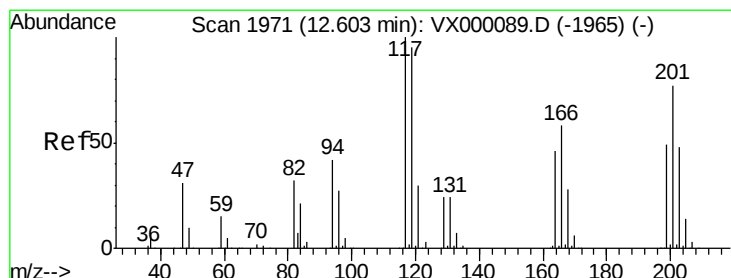
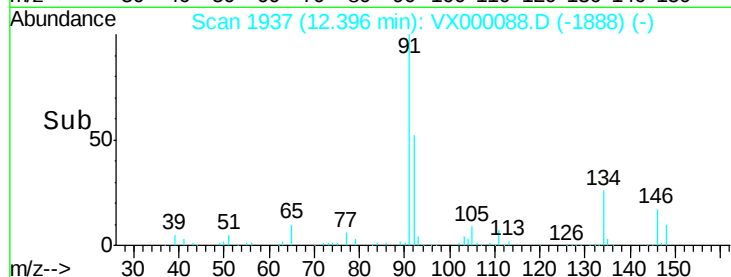
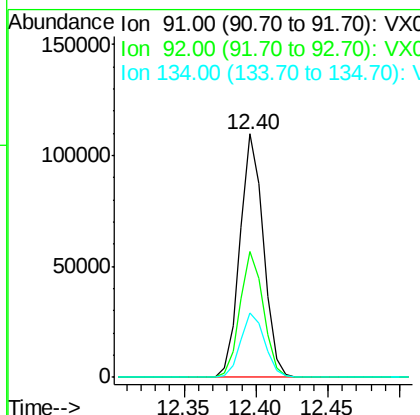
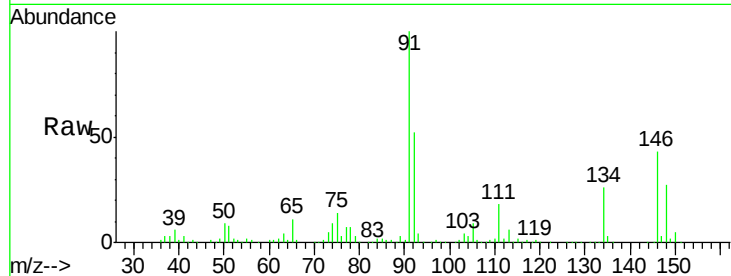
#89
n-Butylbenzene
Concen: 20.05 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.2	78.6
134	27.3	14.3	42.9

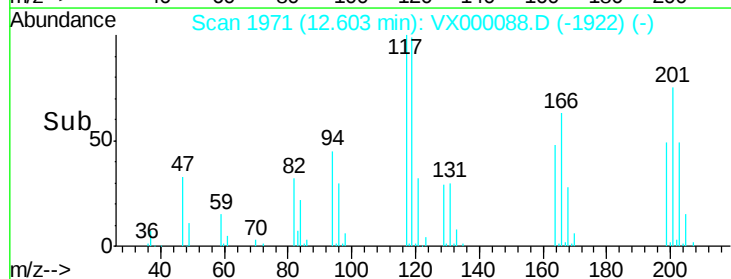
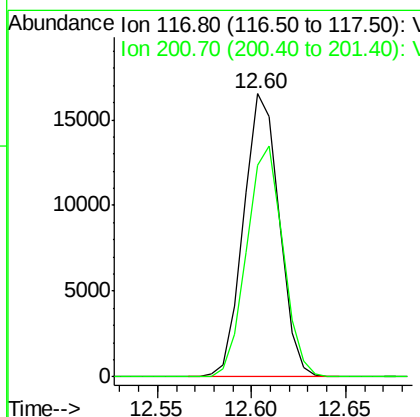
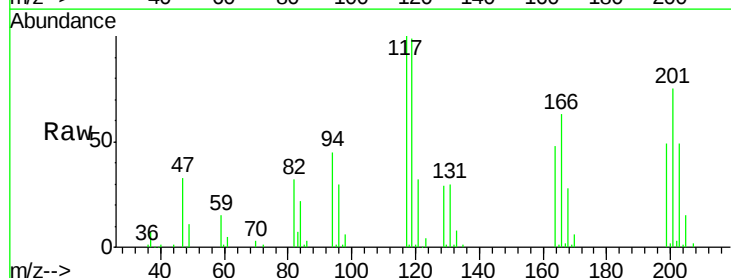
Manual Integrations
APPROVED

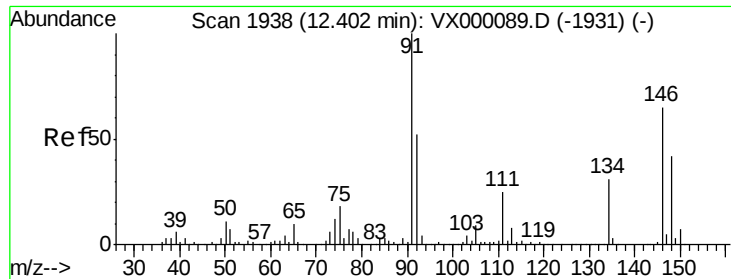
sam
2/16/2018 1:20:56 PM



#90
Hexachloroethane
Concen: 18.77 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	41.1	123.4





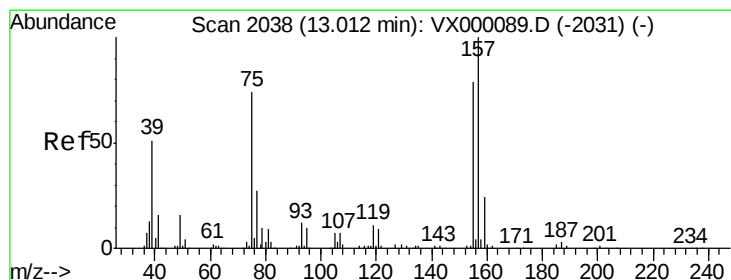
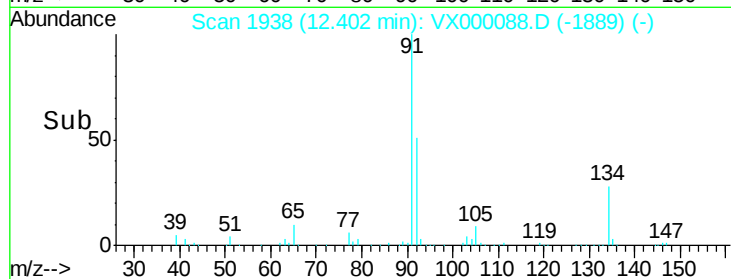
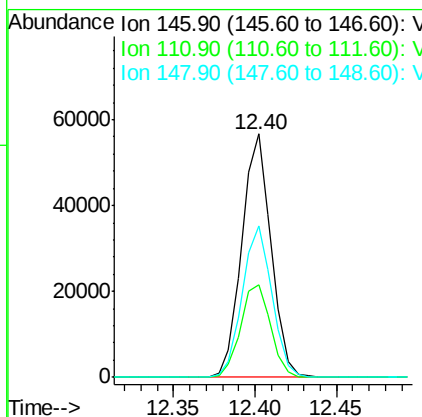
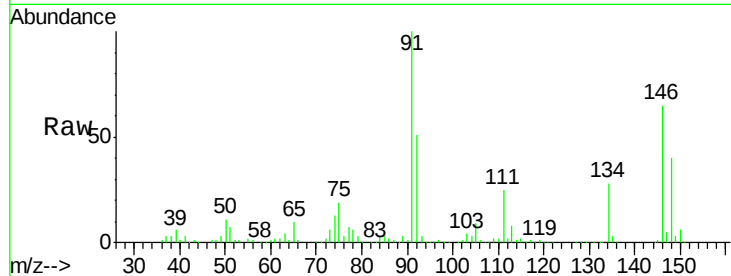
#91
 1,2-Dichlorobenzene
 Concen: 19.99 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.8
148	63.2	32.4	97.0

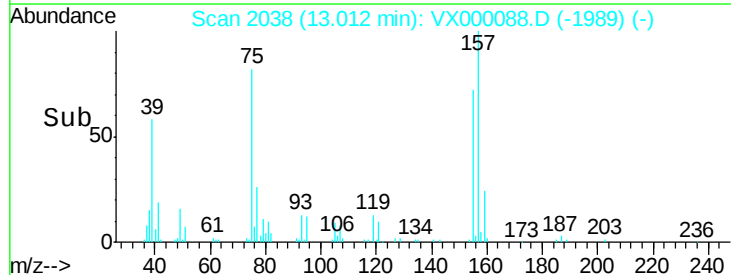
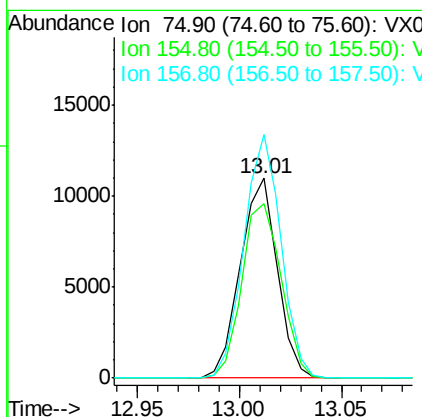
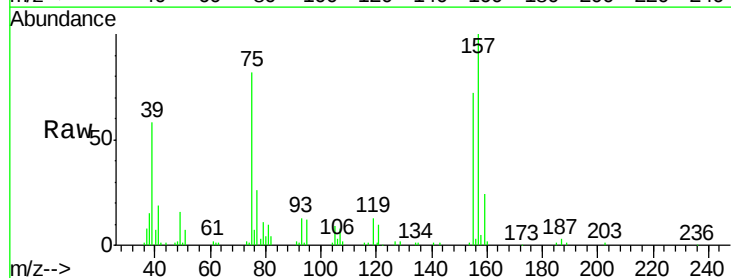
Manual Integrations
 APPROVED

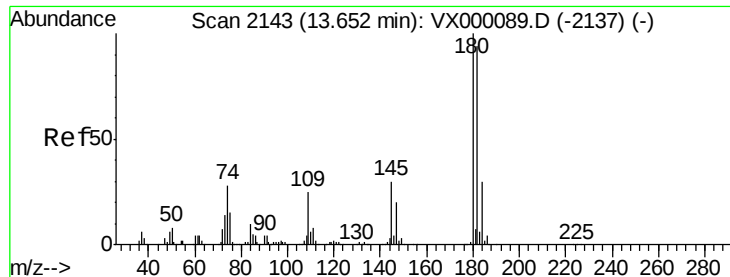
sam
 2/16/2018 1:20:56 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.88 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	49.3	147.9
157	122.2	63.7	191.1





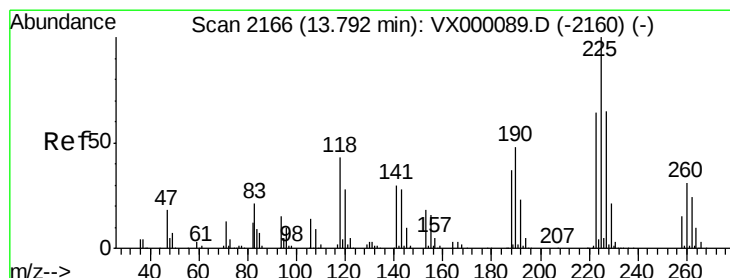
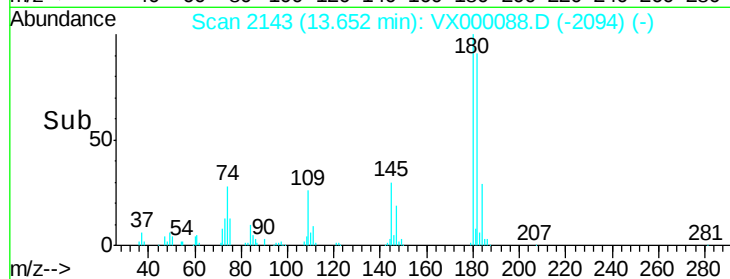
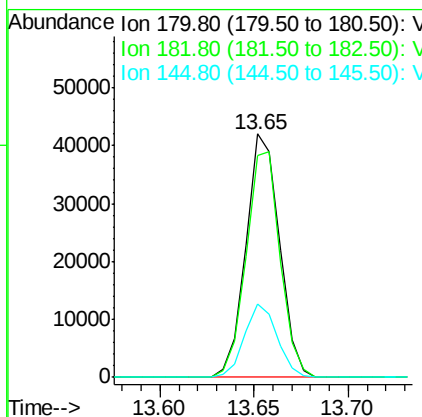
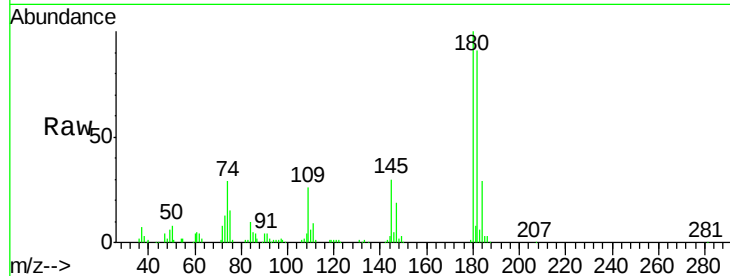
#93
 1,2,4-Trichlorobenzene
 Concen: 19.15 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Instrument :
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	51917		
182	93.6	47.8	143.4	
145	29.6	14.7	44.1	

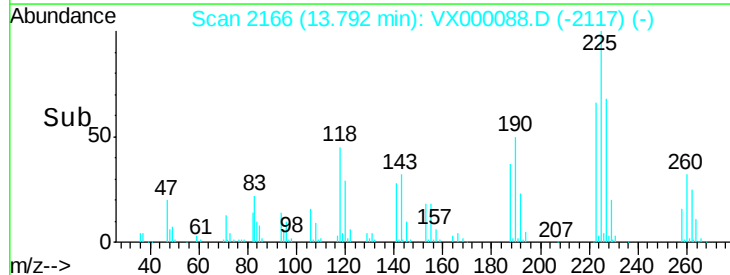
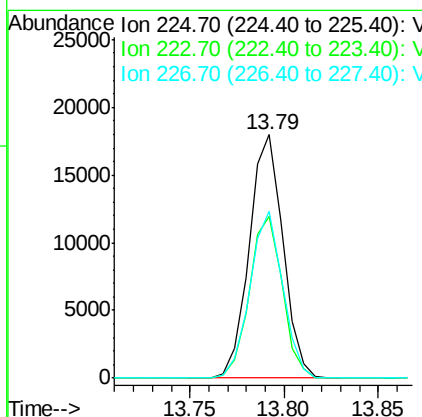
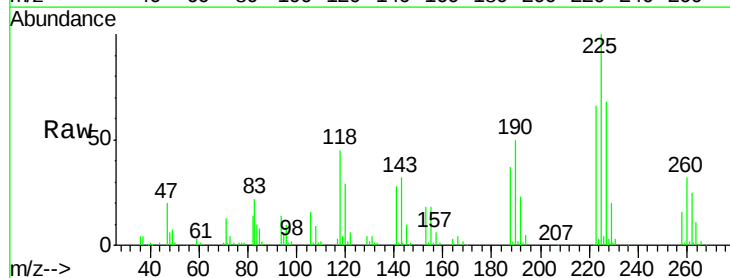
Manual Integrations
 APPROVED

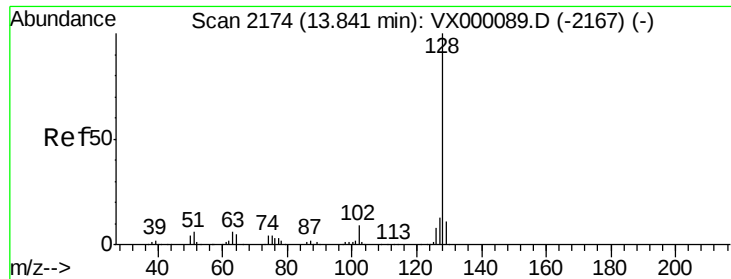
sam
 2/16/2018 1:20:56 PM



#94
 Hexachlorobutadiene
 Concen: 17.70 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000088.D
 Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22263		
223	65.0	31.9	95.7	
227	66.7	32.8	98.4	





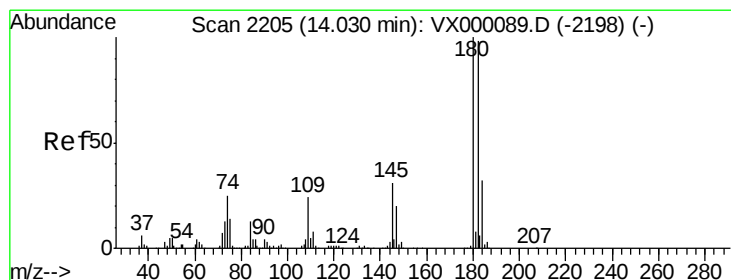
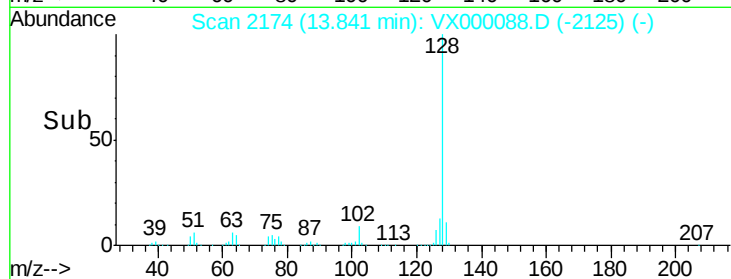
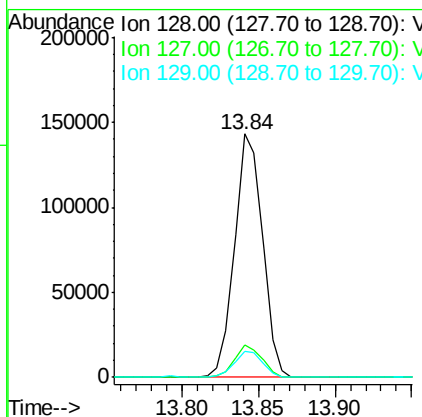
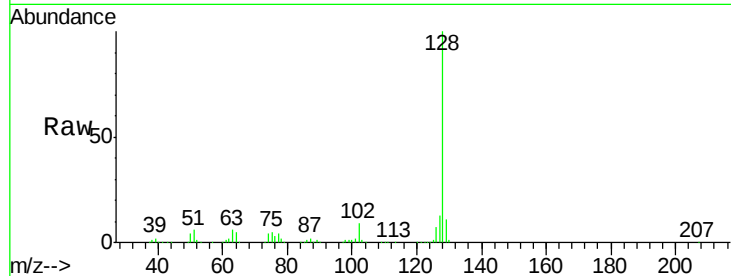
#95
Naphthalene
Concen: 20.37 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Instrument :
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	181106		
127	13.0		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

sam
2/16/2018 1:20:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.78 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000088.D
Acq: 14 Feb 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	52278		
182	95.1		48.2	144.6
145	30.9		15.3	45.9

