

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000045.D
 Acq On : 09 Feb 2018 16:04
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:31 PM

Quant Time: Feb 09 22:44:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	145611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	226436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	29924	19.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.52%	
35) Dibromofluoromethane	5.52	113	26701	20.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.72%	
50) Toluene-d8	8.73	98	97677	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	
62) 4-Bromofluorobenzene	11.15	95	40290	20.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	27077	20.46	ug/l	99
3) Chloromethane	1.32	50	26967	19.63	ug/l	95
4) Vinyl Chloride	1.41	62	31562	20.42	ug/l	98
5) Bromomethane	1.64	94	16539	14.02	ug/l	97
6) Chloroethane	1.73	64	18603	20.37	ug/l	100
7) Trichlorofluoromethane	1.93	101	54469	20.36	ug/l	98
8) Diethyl Ether	2.20	74	18950	20.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31067	20.83	ug/l	99
10) Methyl Iodide	2.52	142	33933	19.52	ug/l	99
11) Tert butyl alcohol	3.09	59	64508	95.77	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28063	19.46	ug/l	96
13) Acrolein	2.30	56	29271	71.20	ug/l	100
14) Allyl chloride	2.73	41	49233	19.58	ug/l	98
15) Acrylonitrile	3.16	53	107980	99.23	ug/l	99
16) Acetone	2.45	43	85802	67.88	ug/l	100
17) Carbon Disulfide	2.57	76	84062	20.58	ug/l	97
18) Methyl Acetate	2.79	43	47508	19.38	ug/l	100
19) Methyl tert-butyl Ether	3.22	73	96462	20.00	ug/l	97
20) Methylene Chloride	2.86	84	30055	19.70	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	30402	19.85	ug/l	96
22) Diisopropyl ether	3.89	45	77061	17.41	ug/l	97
23) Vinyl Acetate	3.84	43	374259	97.91	ug/l	99
24) 1,1-Dichloroethane	3.71	63	51476	19.75	ug/l	98
25) 2-Butanone	4.73	43	138974	89.07	ug/l	99
26) 2,2-Dichloropropane	4.60	77	43819	19.82	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	30147	20.17	ug/l	98
28) Bromochloromethane	5.03	49	16906	19.57	ug/l	96
29) Tetrahydrofuran	5.19	42	95011	98.14	ug/l	99
30) Chloroform	5.23	83	50364	20.14	ug/l	97
31) Cyclohexane	5.59	56	42135	20.56	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47744	19.93	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39520	21.21	ug/l	99
37) Ethyl Acetate	4.88	43	50483	19.59	ug/l	100
38) Carbon Tetrachloride	5.80	117	44506	22.66	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000045.D
 Acq On : 09 Feb 2018 16:04
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:31 PM

Quant Time: Feb 09 22:44:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	49732	20.96	ug/l	97
40) Benzene	6.16	78	111045	20.32	ug/l	99
41) Methacrylonitrile	5.08	41	26679	19.88	ug/l	99
42) 1,2-Dichloroethane	6.21	62	40343	20.64	ug/l	99
43) Isopropyl Acetate	6.48	43	75932	20.03	ug/l	99
44) Trichloroethene	7.22	130	34650	20.09	ug/l	92
45) 1,2-Dichloropropane	7.52	63	28044	20.60	ug/l	99
46) Dibromomethane	7.68	93	21270	20.07	ug/l	97
47) Bromodichloromethane	7.91	83	40978	20.69	ug/l	93
48) Methyl methacrylate	7.79	41	36864	19.70	ug/l	99
49) 1,4-Dioxane	7.77	88	21486	399.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	272992	100.81	ug/l	99
52) Toluene	8.79	92	75995	20.75	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	48040	20.79	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	46511	20.64	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	31421	20.49	ug/l	96
56) Ethyl methacrylate	9.20	69	48838	20.49	ug/l	98
57) 1,3-Dichloropropane	9.38	76	48598	19.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	121219	114.30	ug/l	99
59) 2-Hexanone	9.51	43	224374	96.81	ug/l	100
60) Dibromochloromethane	9.59	129	36198	20.90	ug/l	98
61) 1,2-Dibromoethane	9.68	107	35326	20.90	ug/l	99
64) Tetrachloroethene	9.34	164	33230	20.66	ug/l	98
65) Chlorobenzene	10.15	112	90246	21.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	32654	20.87	ug/l	97
67) Ethyl Benzene	10.26	91	149503	20.84	ug/l	99
68) m/p-Xylenes	10.37	106	118024	41.57	ug/l	99
69) o-Xylene	10.71	106	57564	20.86	ug/l	98
70) Styrene	10.72	104	95702	20.88	ug/l	99
71) Bromoform	10.87	173	30247	20.53	ug/l	# 100
73) Isopropylbenzene	11.03	105	154237	20.50	ug/l	99
74) N-amyl acetate	6.48	43	75932	20.19	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.28	83	51778	20.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	46761m	20.05	ug/l	
77) Bromobenzene	11.26	156	41653	20.77	ug/l	99
78) n-propylbenzene	11.37	91	181949	20.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	103583	20.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	131079	20.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	18468	21.92	ug/l	98
82) 4-Chlorotoluene	11.52	91	125201	20.82	ug/l	99
83) tert-Butylbenzene	11.78	119	133108	20.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	135769	20.79	ug/l	99
85) sec-Butylbenzene	11.96	105	165066	20.99	ug/l	99
86) p-Isopropyltoluene	12.07	119	147495	20.81	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	80566	20.70	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	80577	20.40	ug/l	98
89) n-Butylbenzene	12.40	91	136412	20.61	ug/l	99
90) Hexachloroethane	12.61	117	24964	21.89	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	77447	20.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15149	20.01	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
Data File : VX000045.D
Acq On : 09 Feb 2018 16:04
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDICC020

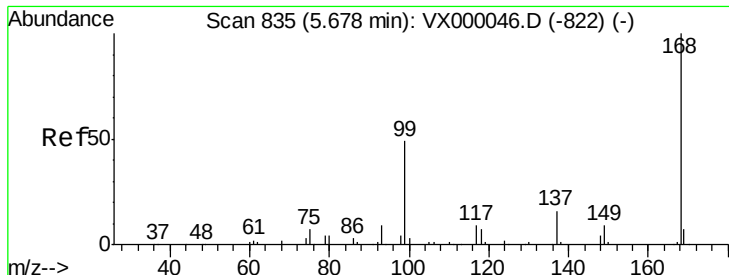
Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM

Quant Time: Feb 09 22:44:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 22:29:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	59649	20.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	28531	21.27	ug/l	98
95) Naphthalene	13.85	128	194648	19.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	58605	20.42	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

Tgt Ion: 168 Resp: 145611

Ion Ratio Lower Upper

168 100

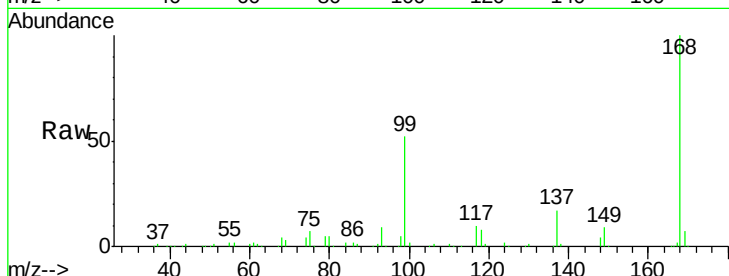
99 51.6 39.4 59.2

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

50000

40000

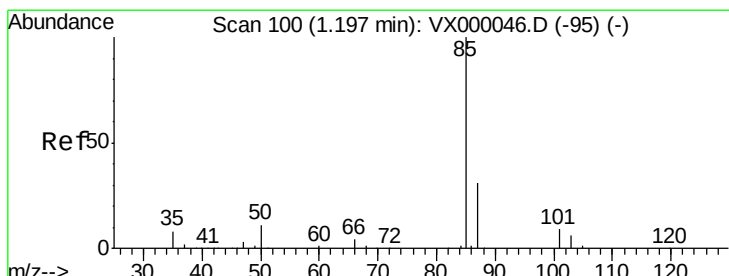
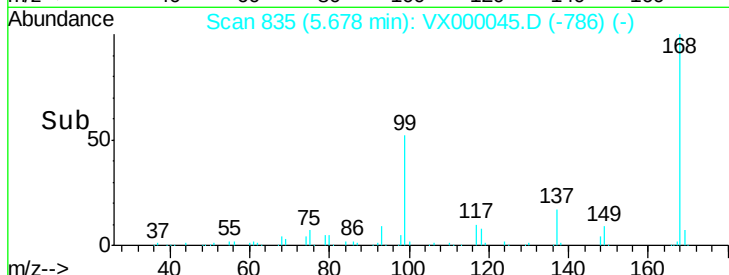
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000045.D

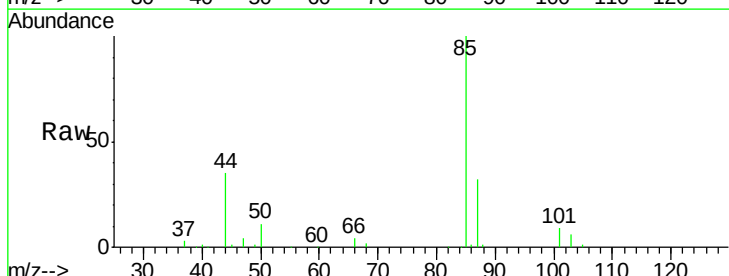
Acq: 09 Feb 2018 16:04

Tgt Ion: 85 Resp: 27077

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

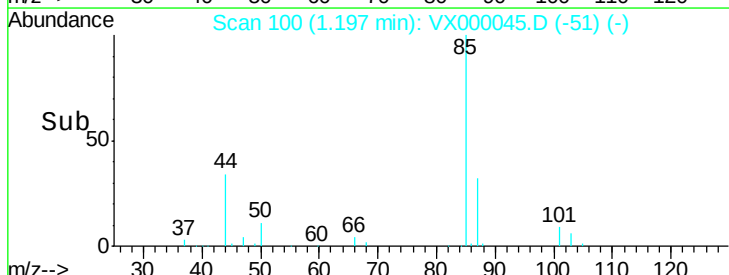
15000

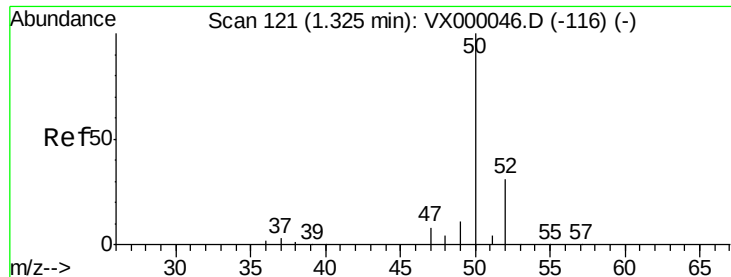
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

Tgt Ion: 50 Resp: 26967

Ion Ratio Lower Upper

50 100

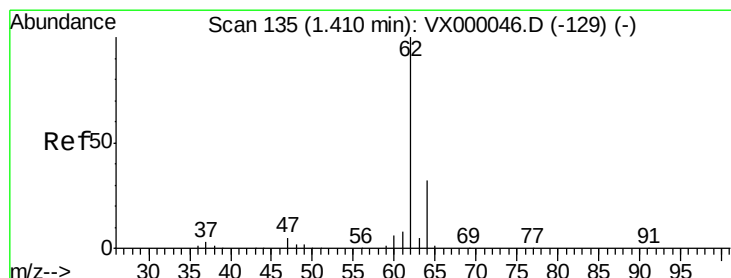
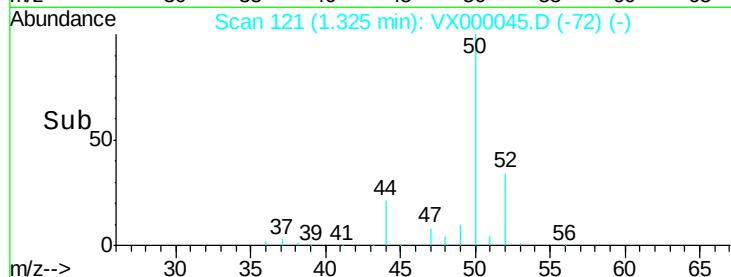
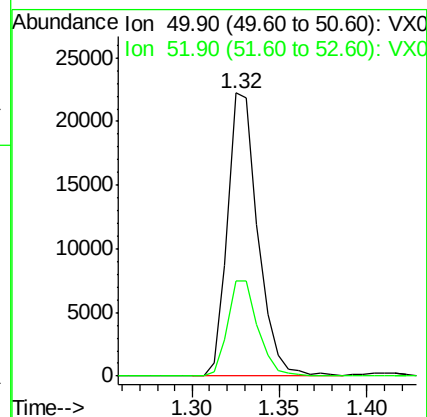
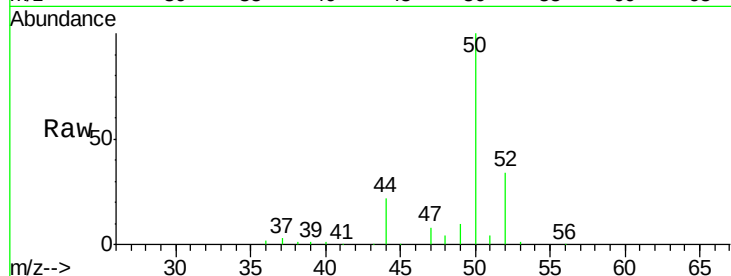
52 33.8 25.0 37.6

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



#4

Vinyl Chloride

Concen: 20.42 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000045.D

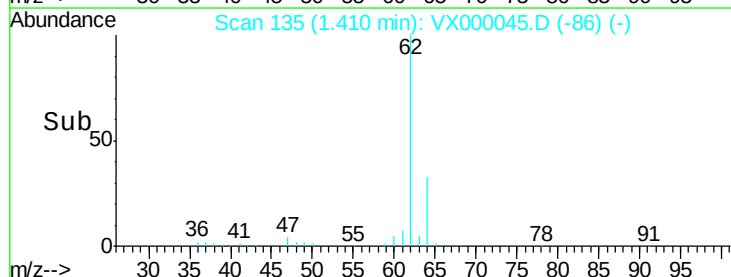
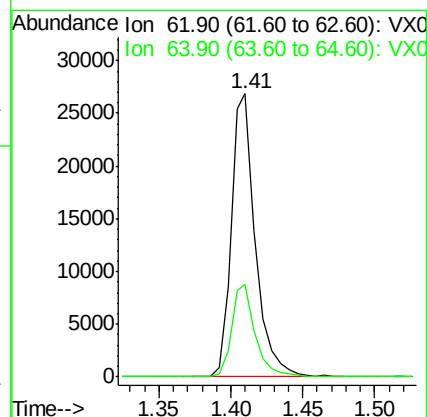
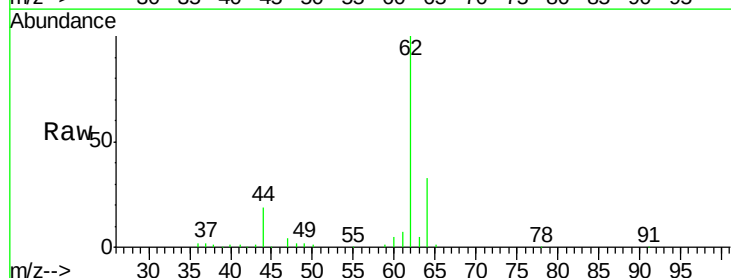
Acq: 09 Feb 2018 16:04

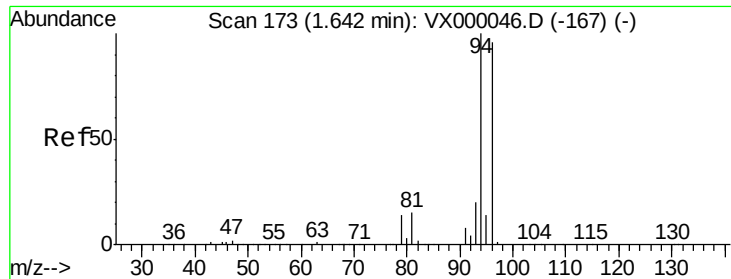
Tgt Ion: 62 Resp: 31562

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 14.02 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 16539

Ion Ratio Lower Upper

94 100

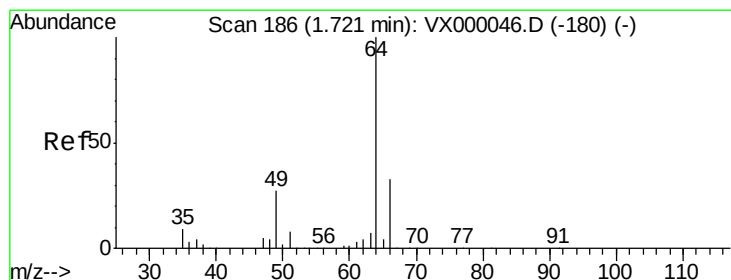
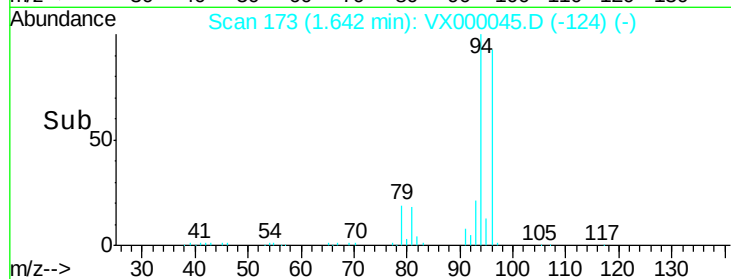
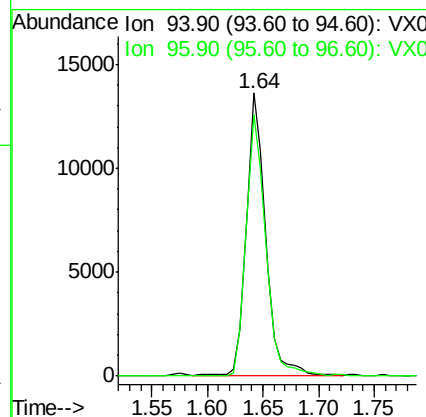
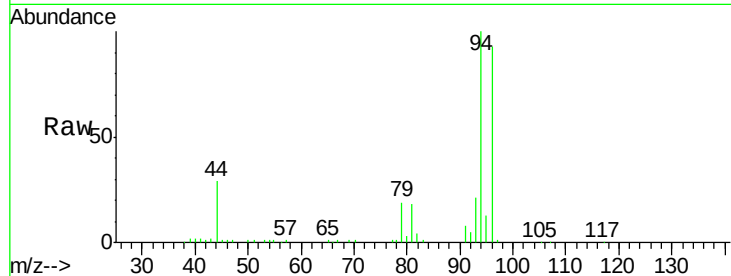
96 92.6 76.7 115.1

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



#6

Chloroethane

Concen: 20.37 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000045.D

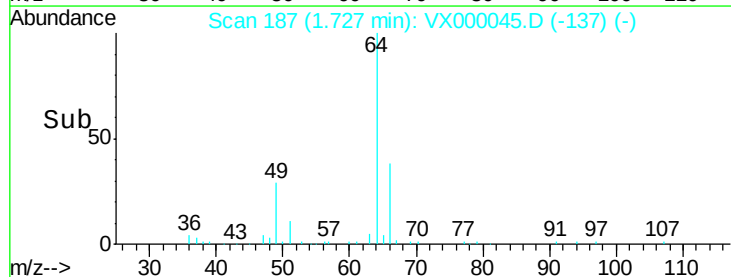
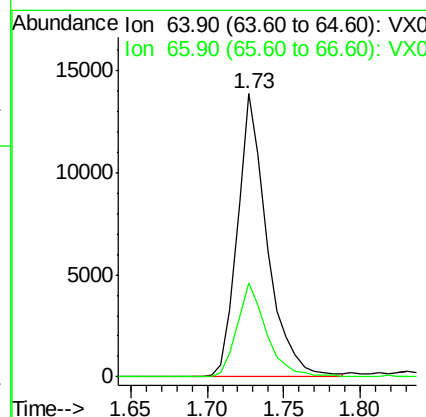
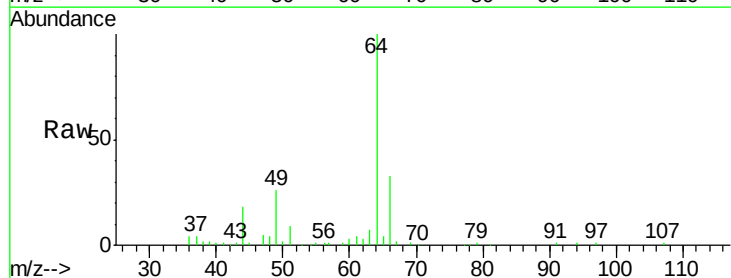
Acq: 09 Feb 2018 16:04

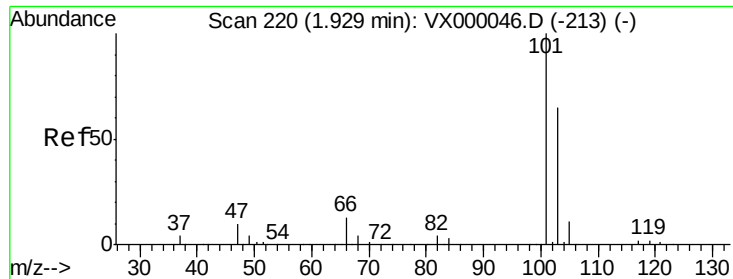
Tgt Ion: 64 Resp: 18603

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6





#7

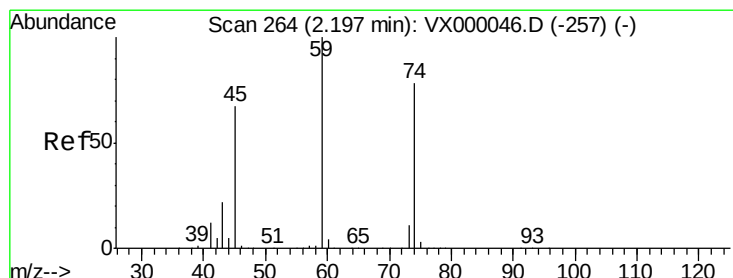
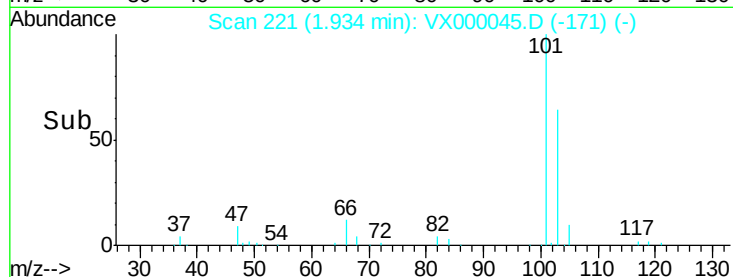
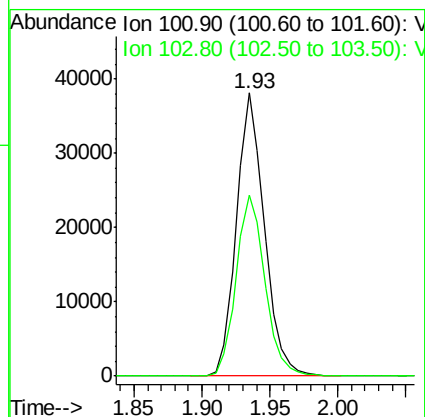
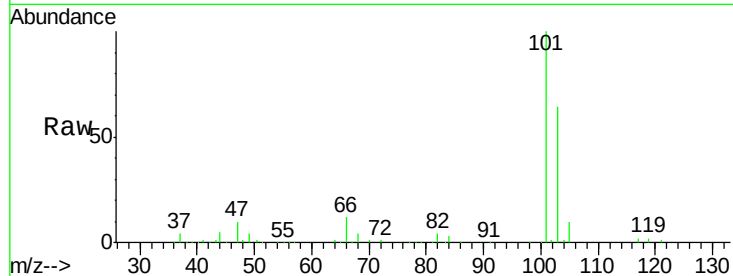
Trichlorofluoromethane
Concen: 20.36 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion:101 Resp: 54469
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

Manual Integrations
APPROVED

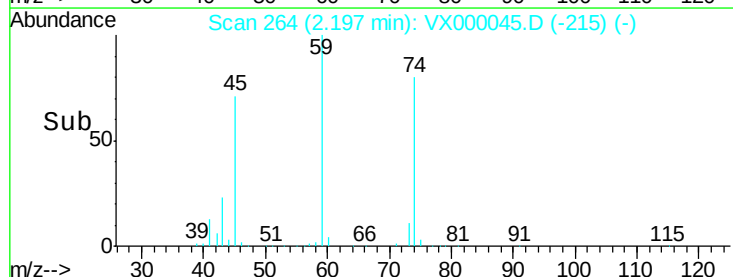
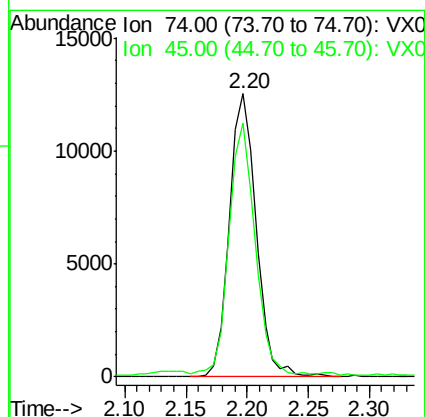
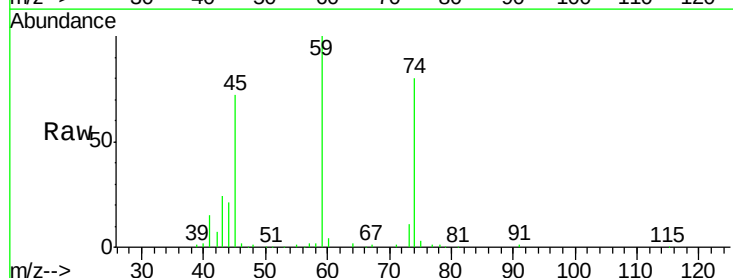
sam
2/14/2018 5:29:31 PM

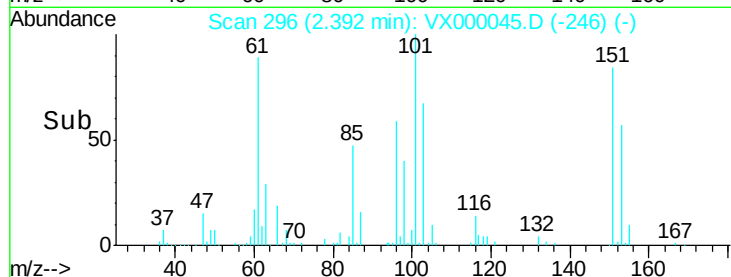
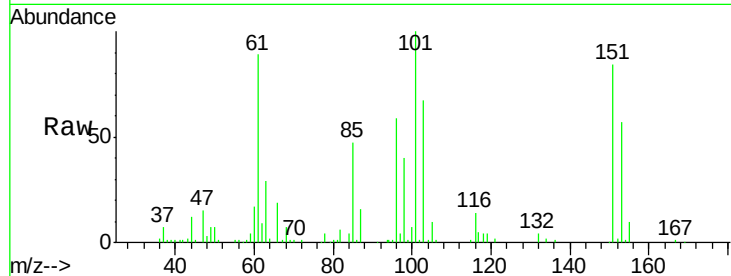
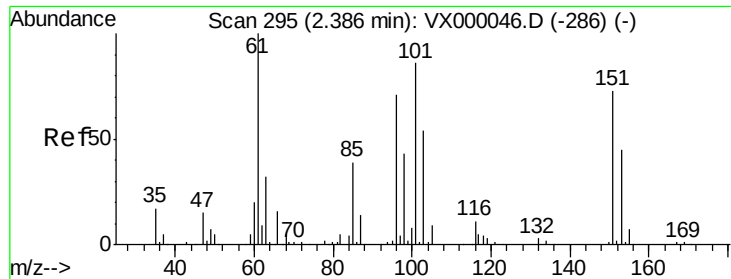


#8

Diethyl Ether
Concen: 20.34 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 74 Resp: 18950
Ion Ratio Lower Upper
74 100
45 86.8 44.3 132.8





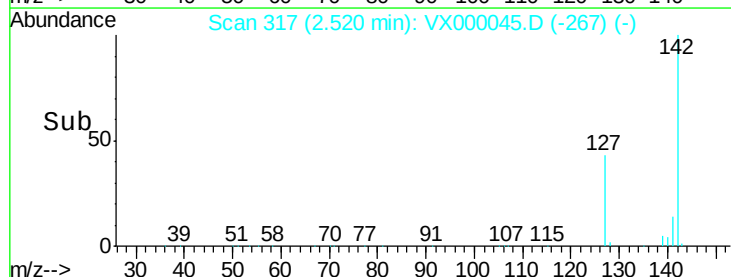
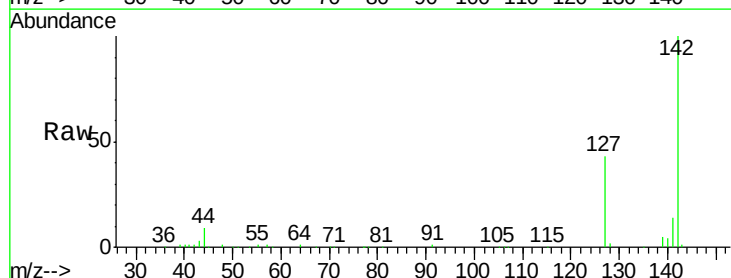
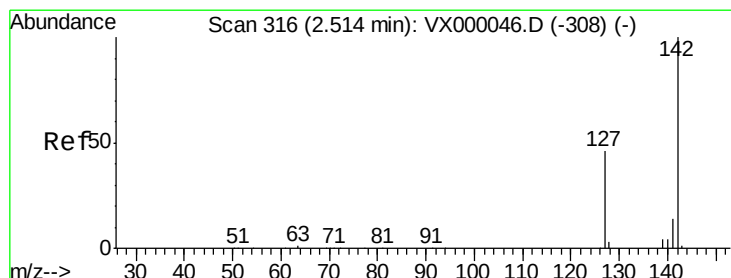
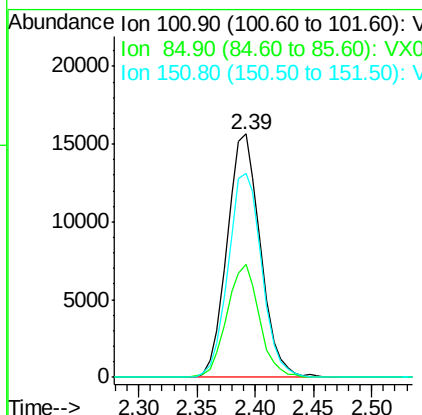
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.83 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.6	54.8
151	84.7	68.8	103.2

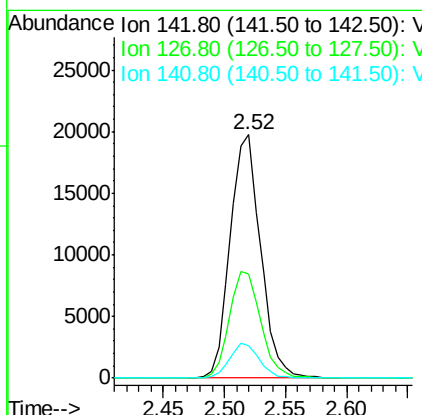
Manual Integrations
APPROVED

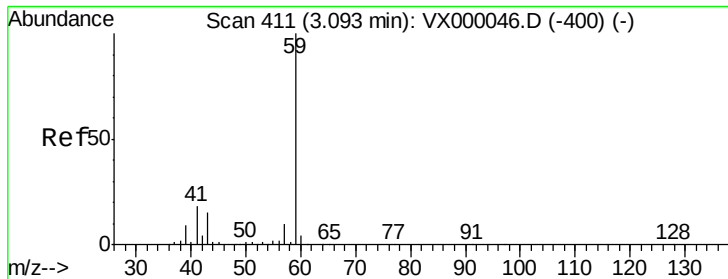
sam
2/14/2018 5:29:31 PM



#10
Methyl Iodide
Concen: 19.52 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.8	55.2
141	14.3	11.4	17.0





#11

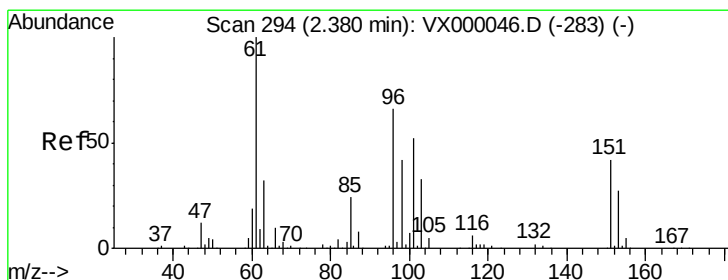
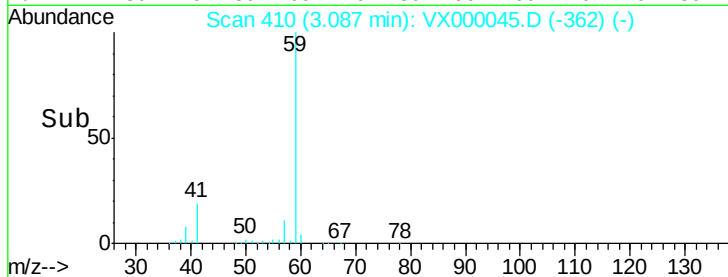
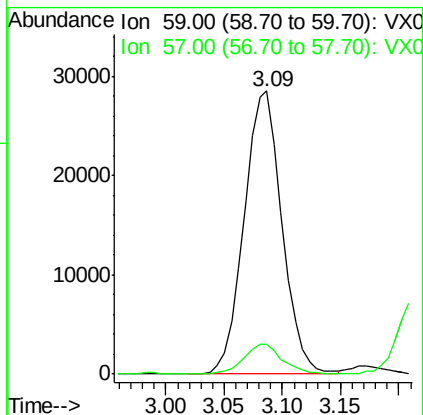
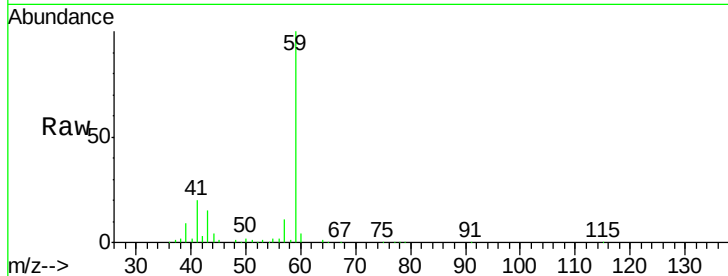
Tert butyl alcohol
Concen: 95.77 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 64508
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6

Manual Integrations
APPROVED

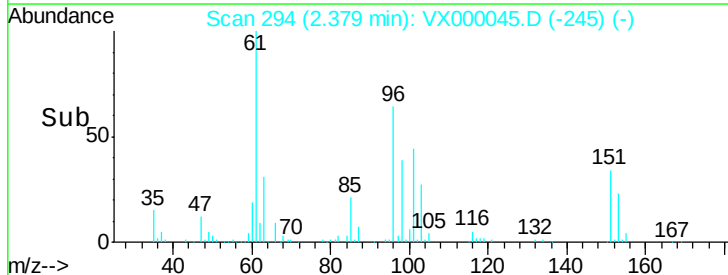
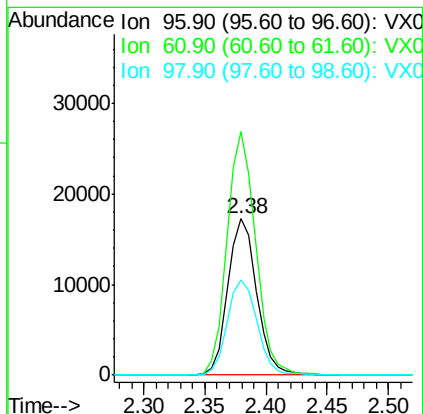
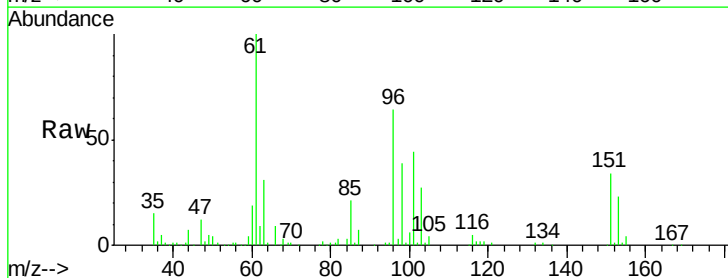
sam
2/14/2018 5:29:31 PM

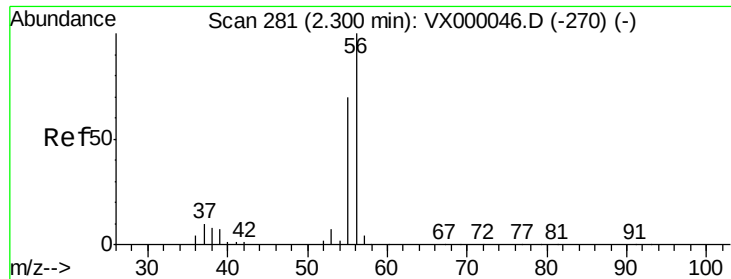


#12

1,1-Dichloroethene
Concen: 19.46 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 96 Resp: 28063
Ion Ratio Lower Upper
96 100
61 155.6 120.3 180.5
98 61.2 51.0 76.4





#13

Acrolein

Concen: 71.20 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 29271

Ion Ratio Lower Upper

56 100

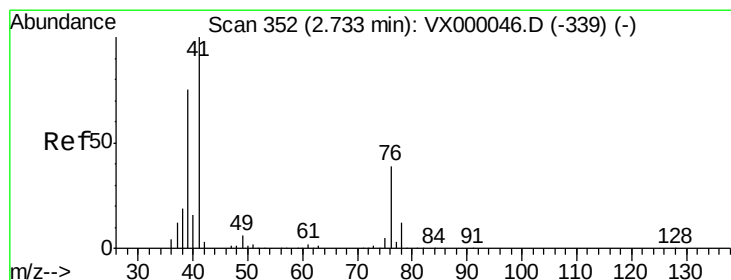
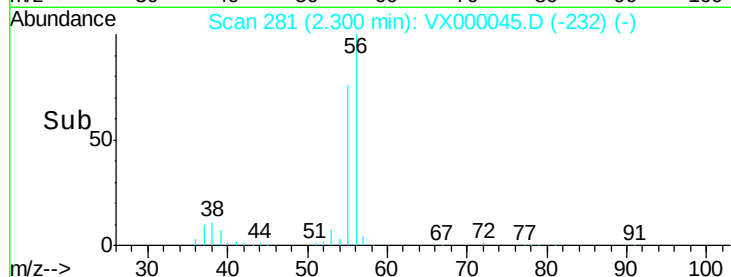
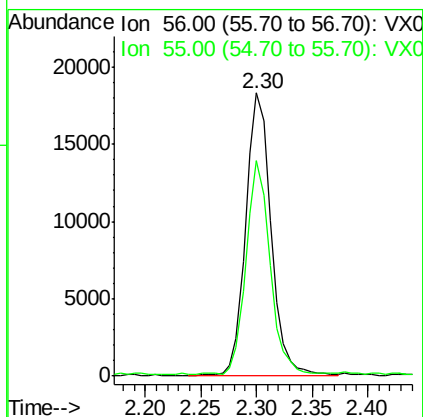
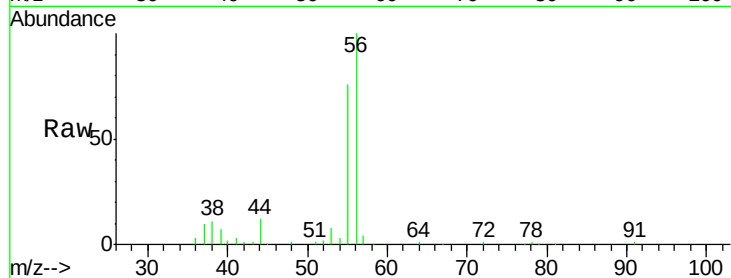
55 70.4 56.4 84.6

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



#14

Allyl chloride

Concen: 19.58 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

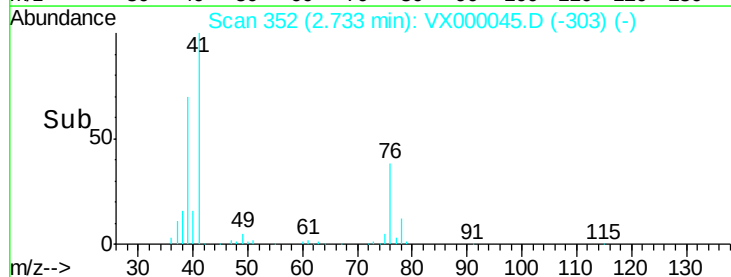
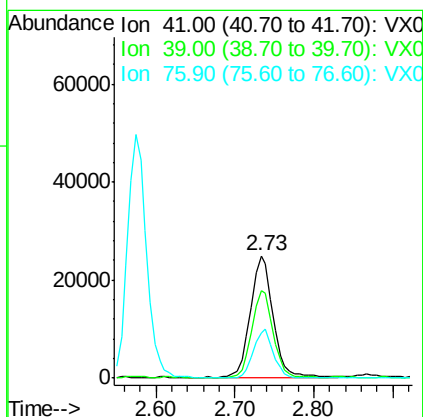
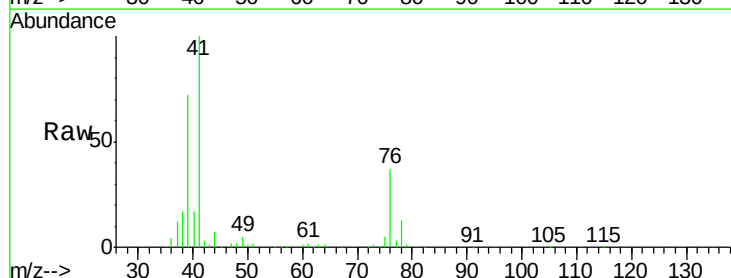
Tgt Ion: 41 Resp: 49233

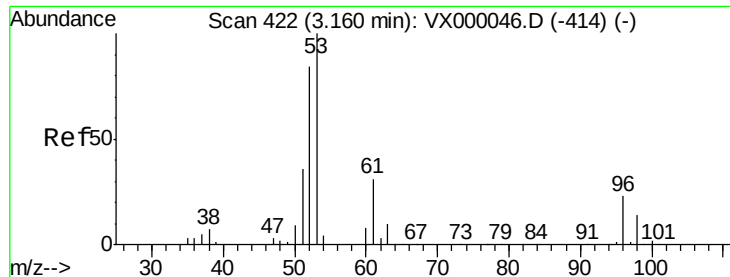
Ion Ratio Lower Upper

41 100

39 67.4 55.8 83.6

76 35.5 28.7 43.1





#15

Acrylonitrile

Concen: 99.23 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

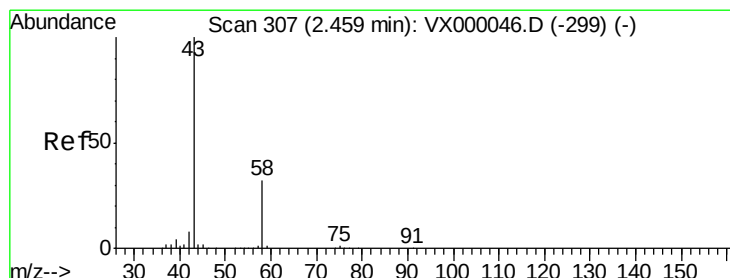
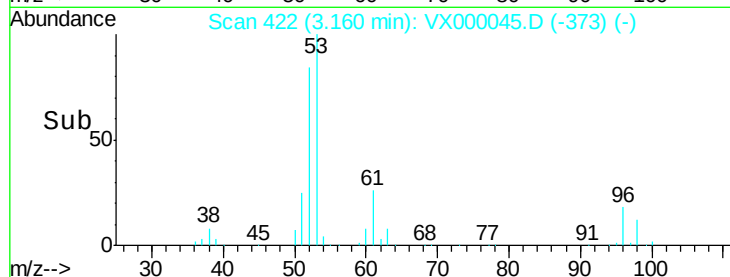
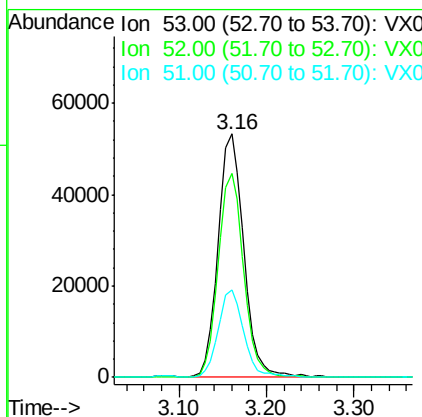
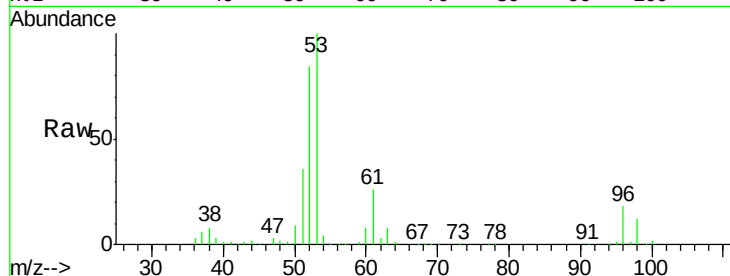
ClientSampled :

VSTDIC020

Tgt Ion:	53	Resp:	107980
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.5	99.7
51	36.0	29.1	43.7

Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM



#16

Acetone

Concen: 67.88 ug/l

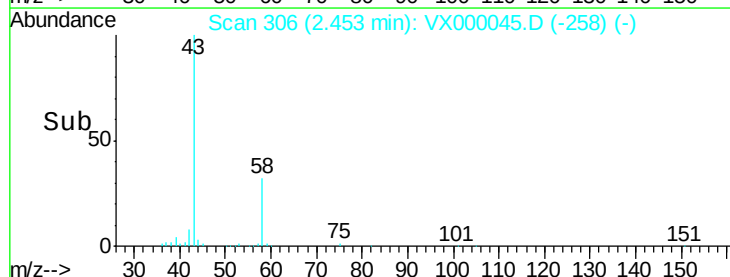
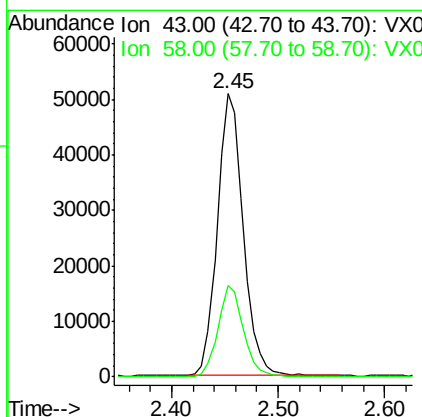
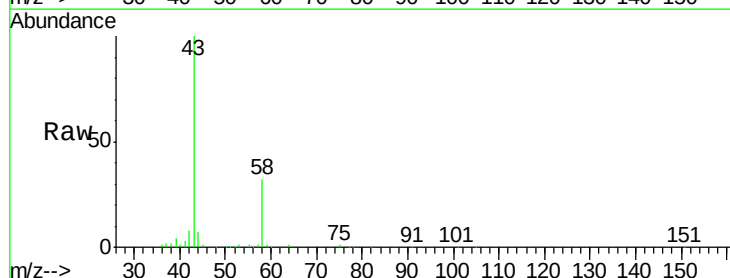
RT: 2.45 min Scan# 306

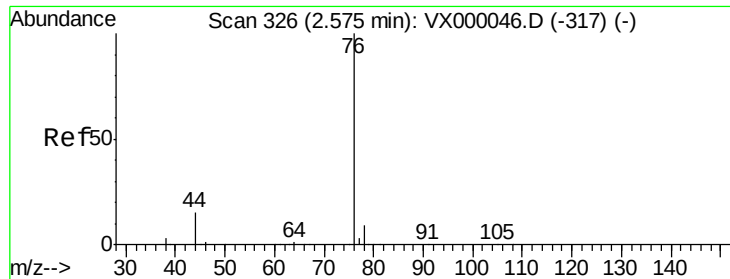
Delta R.T. -0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion:	43	Resp:	85802
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.9	38.9





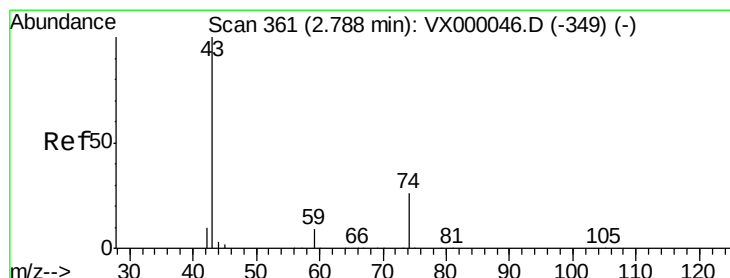
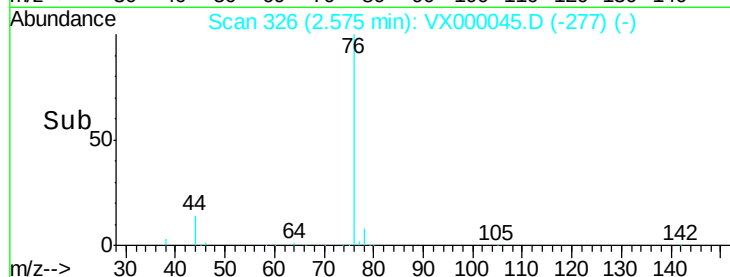
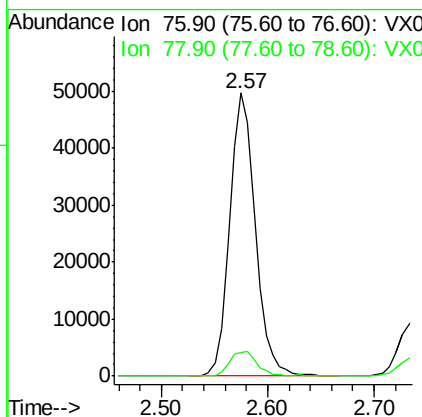
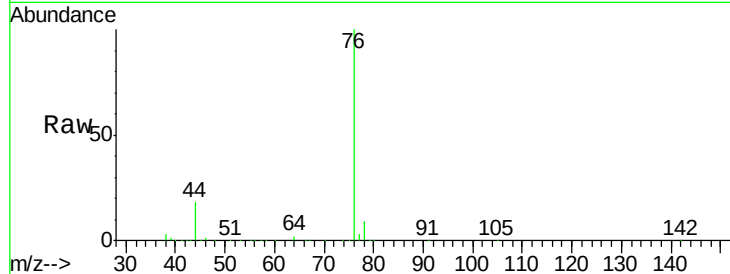
#17
Carbon Disulfide
Concen: 20.58 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 84062
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

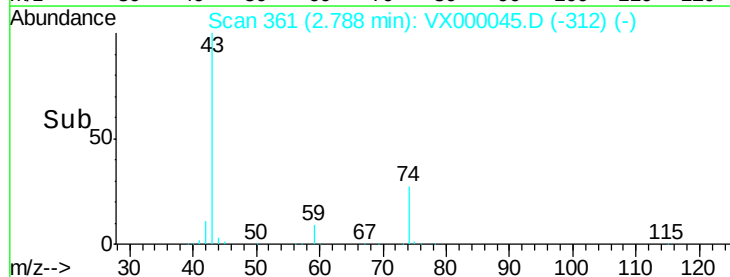
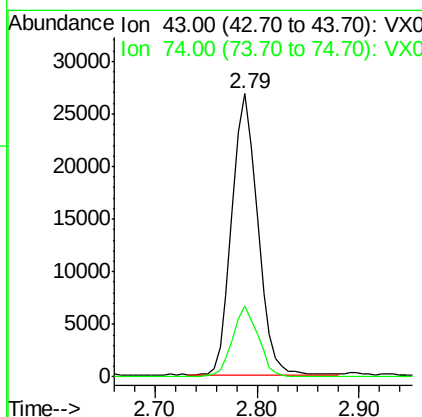
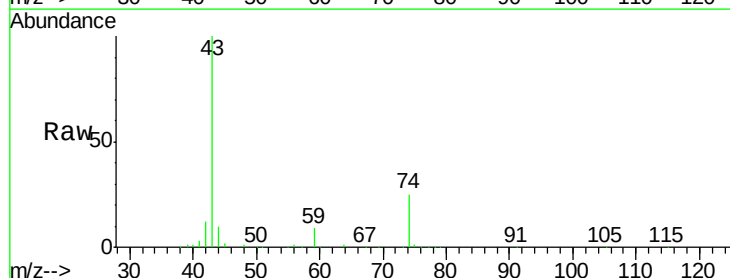
Manual Integrations
APPROVED

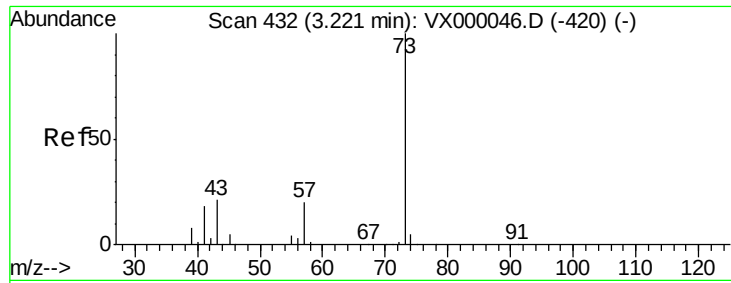
sam
2/14/2018 5:29:31 PM



#18
Methyl Acetate
Concen: 19.38 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 43 Resp: 47508
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 20.00 ug/l

RT: 3.22 min Scan# 432

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion: 73 Resp: 96462

Ion Ratio Lower Upper

73 100

57 21.6 16.2 24.4

Instrument :

ClientSampled :

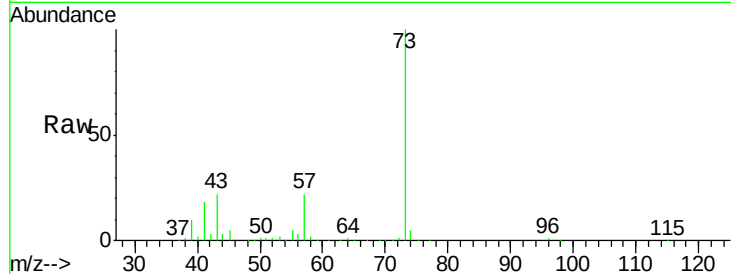
VSTDIC020

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.22

40000

30000

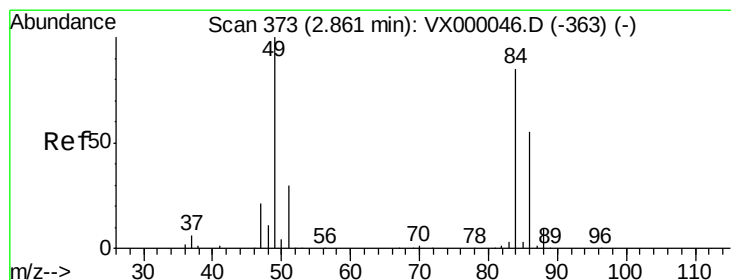
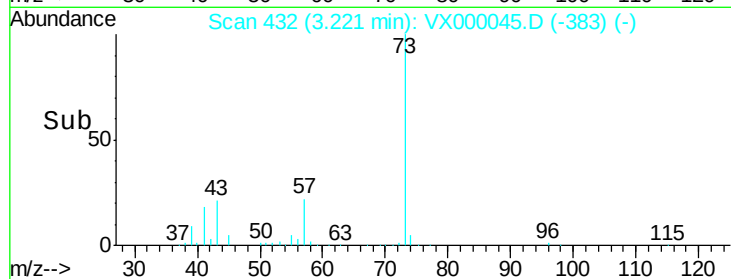
20000

10000

0

Time-->

3.10 3.20 3.30 3.40



#20

Methylene Chloride

Concen: 19.70 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion: 84 Resp: 30055

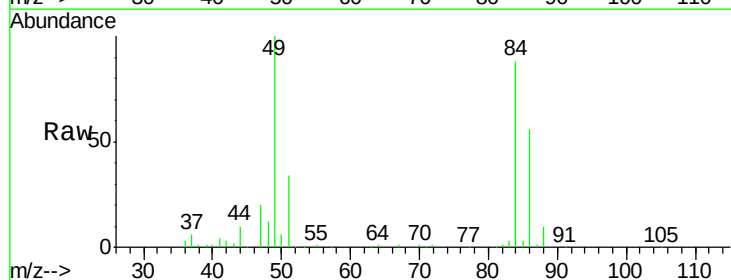
Ion Ratio Lower Upper

84 100

49 113.7 94.4 141.6

51 39.0 28.3 42.5

86 63.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

25000

20000

15000

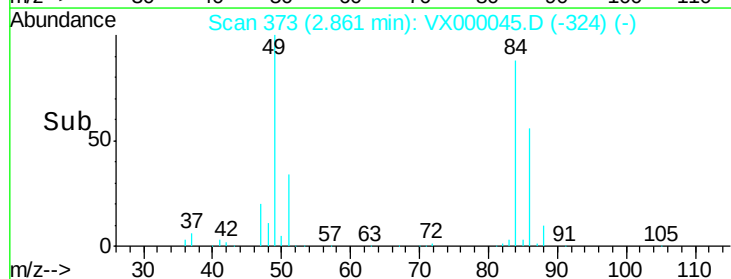
10000

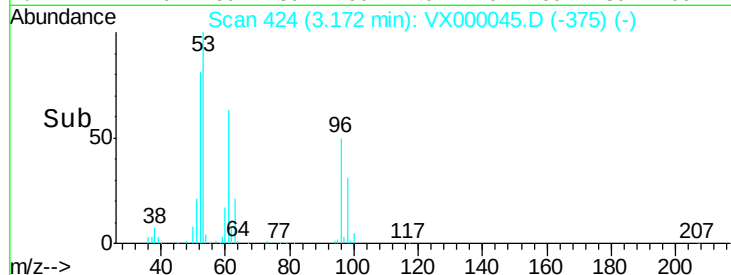
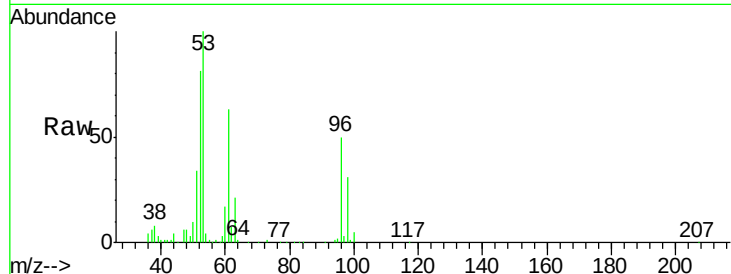
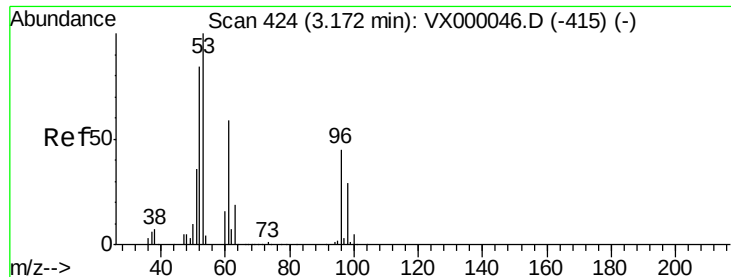
5000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 19.85 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000045.D

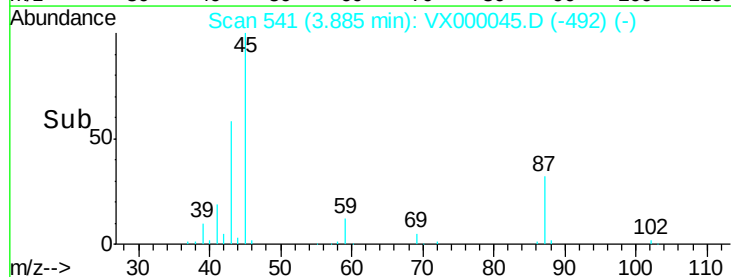
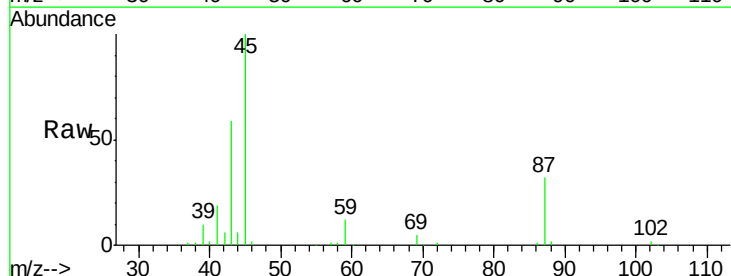
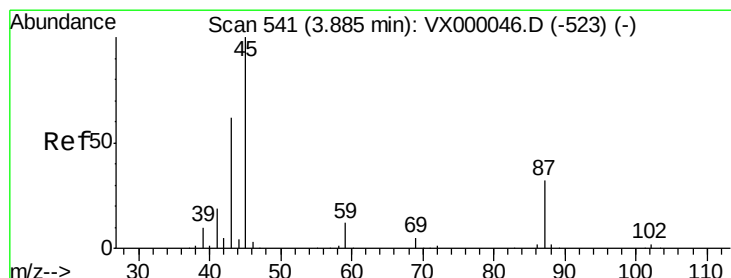
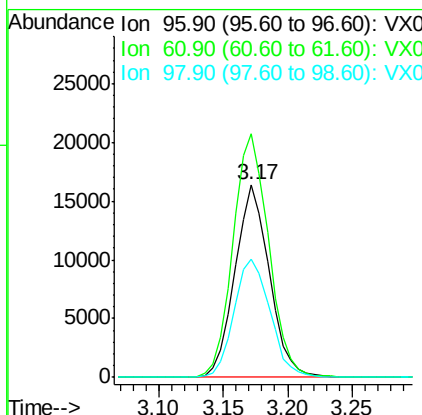
Acq: 09 Feb 2018 16:04

Tgt Ion:	96	Resp:	30402
Ion	Ratio	Lower	Upper
96	100		
61	126.4	104.9	157.3
98	61.4	52.4	78.6

Instrument :
ClientSampled :
VSTDIC020

Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM



#22

Diisopropyl ether

Concen: 17.41 ug/l

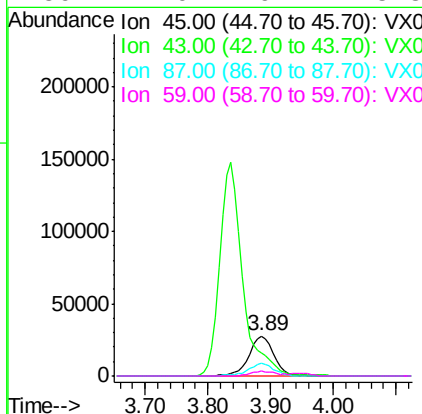
RT: 3.89 min Scan# 541

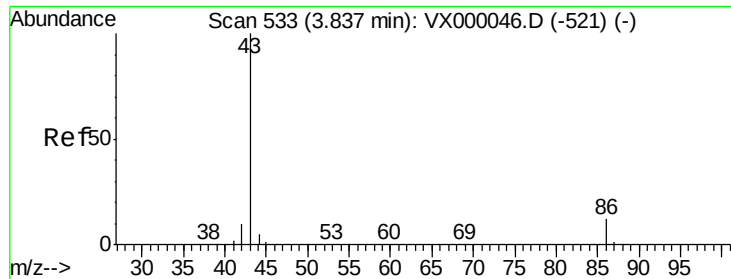
Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion:	45	Resp:	77061
Ion	Ratio	Lower	Upper
45	100		
43	58.4	49.6	74.4
87	31.6	25.9	38.9
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 97.91 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDICC020

Tgt Ion: 43 Resp: 374259

Ion Ratio Lower Upper

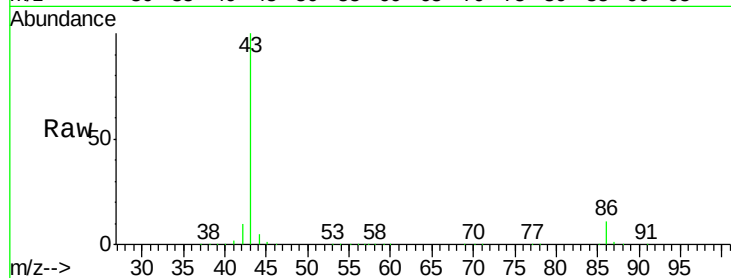
43 100

86 11.4 9.3 13.9

Manual Integrations
APPROVED

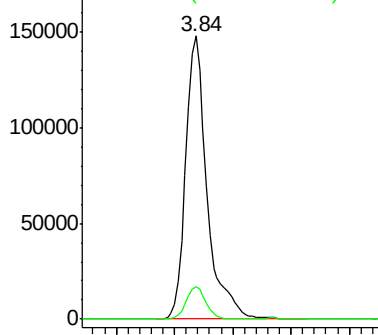
sam

2/14/2018 5:29:31 PM

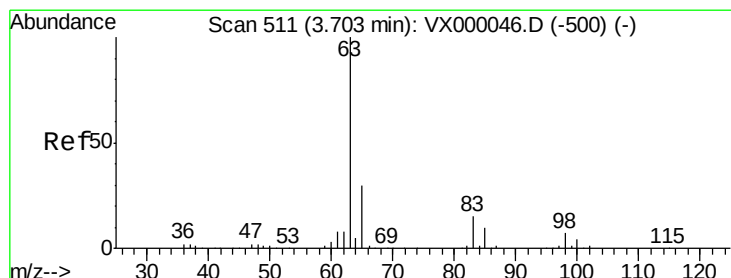
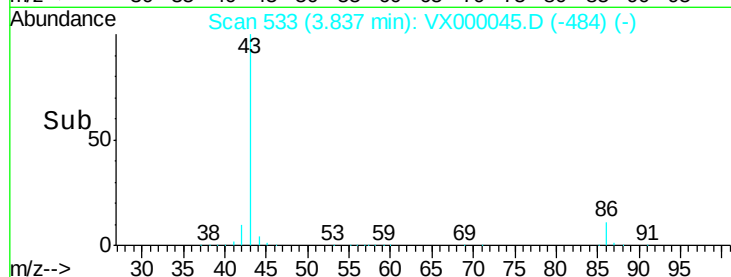


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.75 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

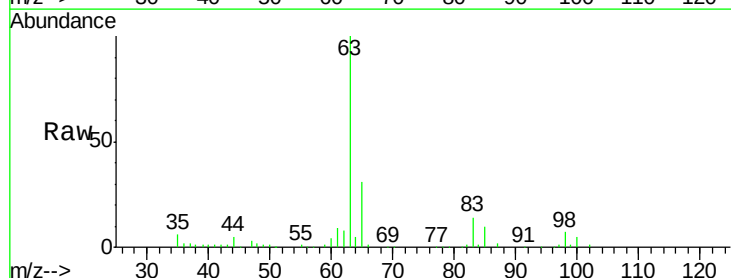
Tgt Ion: 63 Resp: 51476

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

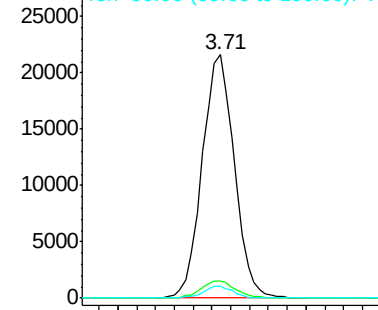
100 5.1 2.1 6.2



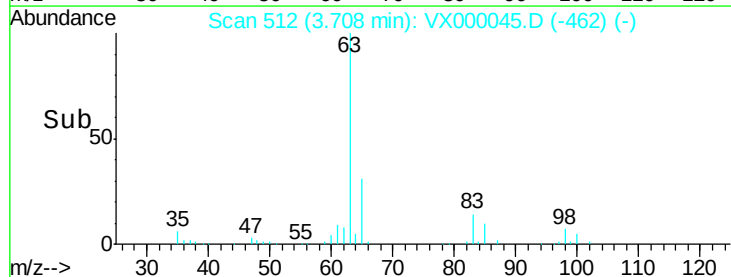
Abundance Ion 62.90 (62.60 to 63.60): VX0

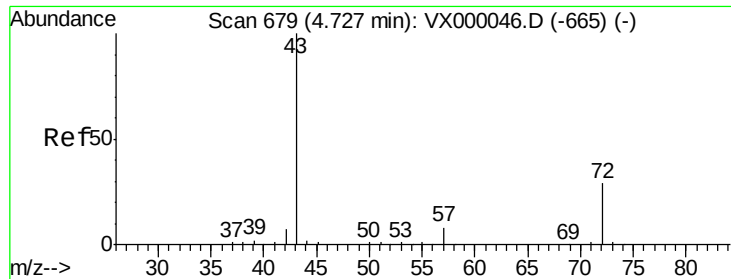
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 89.07 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 138974

Ion Ratio Lower Upper

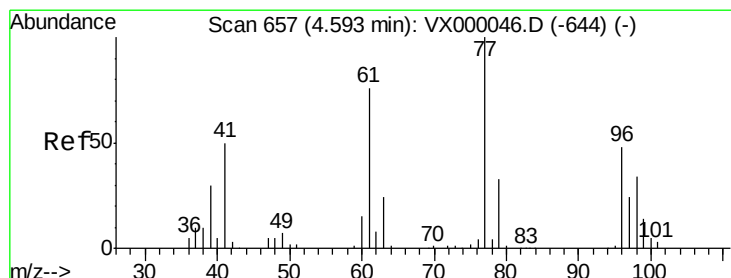
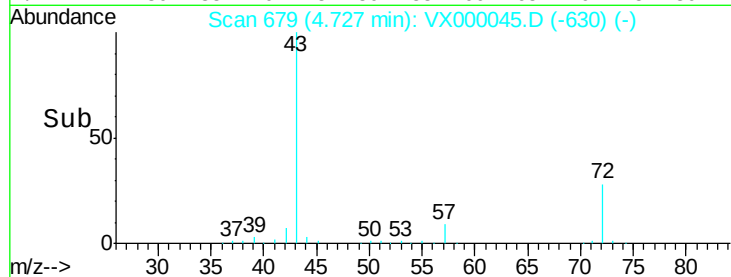
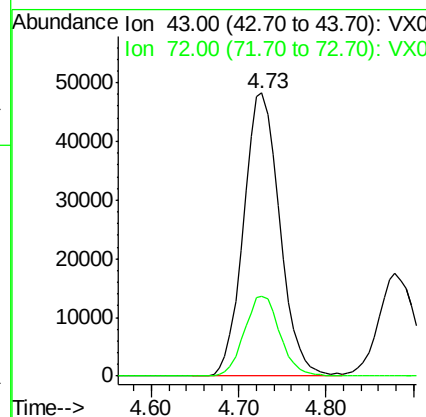
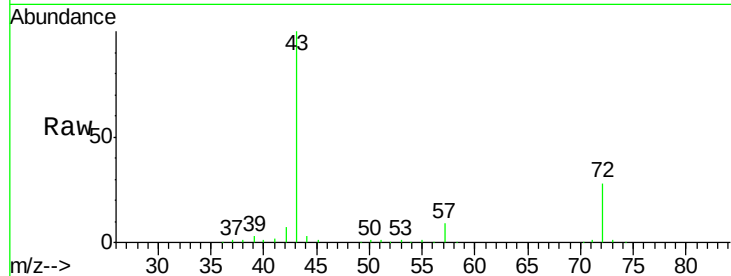
43 100

72 28.1 23.0 34.6

Manual Integrations
APPROVED

sam

2/14/2018 5:29:31 PM



#26

2,2-Dichloropropane

Concen: 19.82 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000045.D

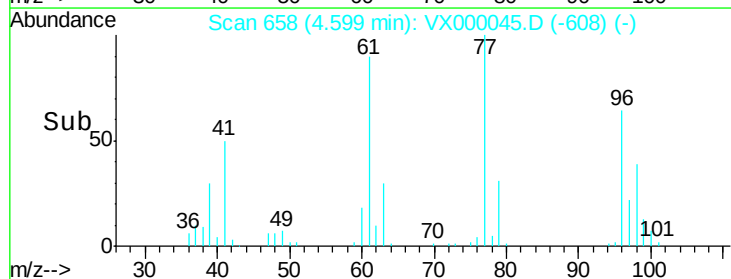
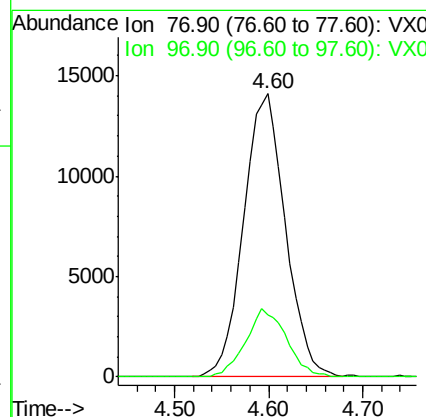
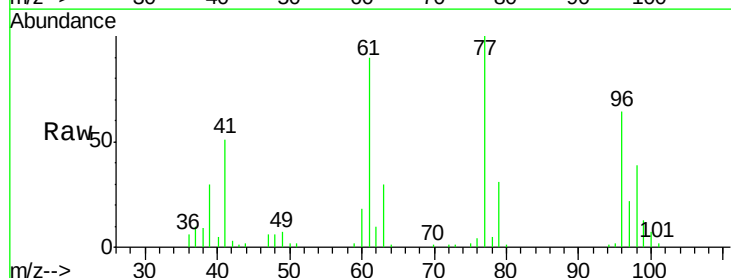
Acq: 09 Feb 2018 16:04

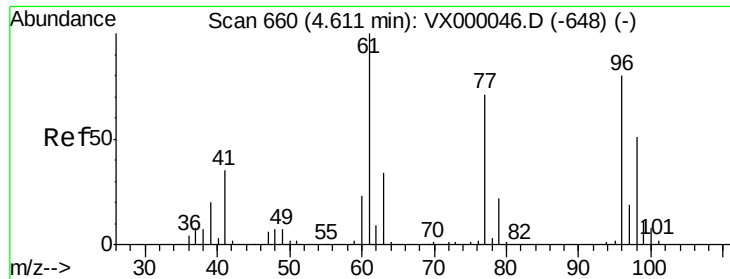
Tgt Ion: 77 Resp: 43819

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.4





#27

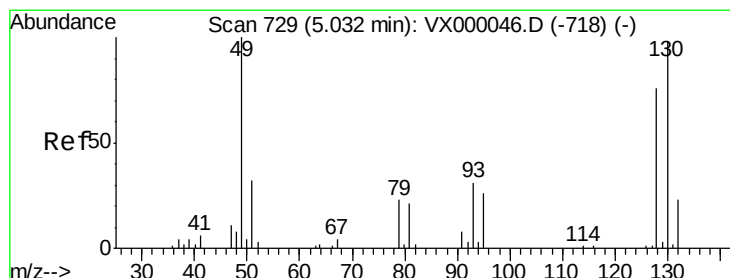
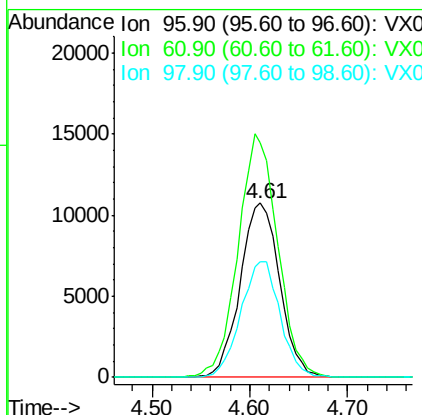
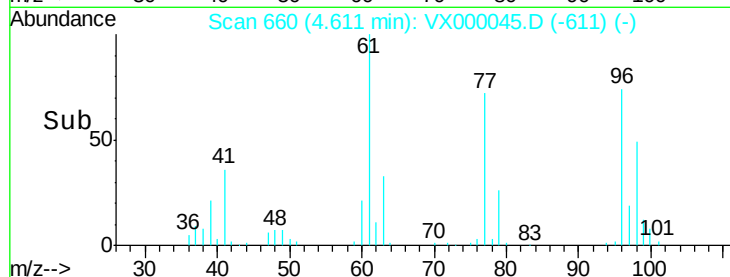
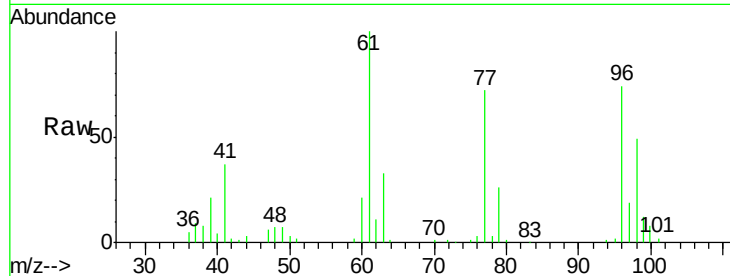
cis-1,2-Dichloroethene
Concen: 20.17 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	274.4
98	66.1	0.0	132.4

Manual Integrations
APPROVED

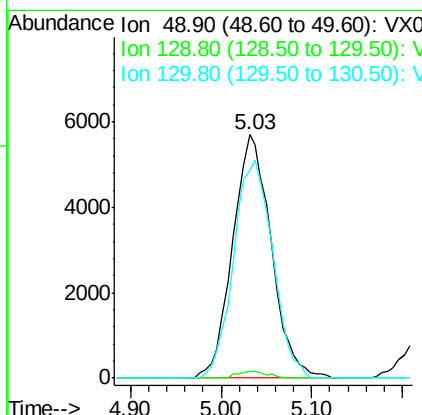
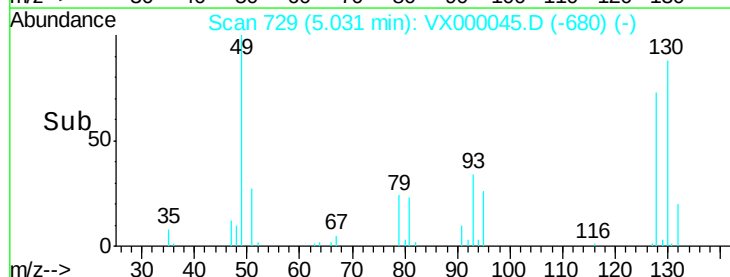
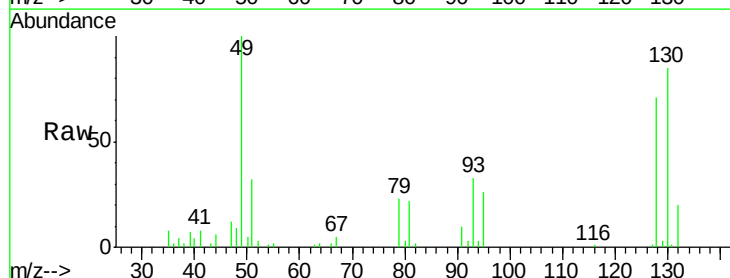
sam
2/14/2018 5:29:31 PM

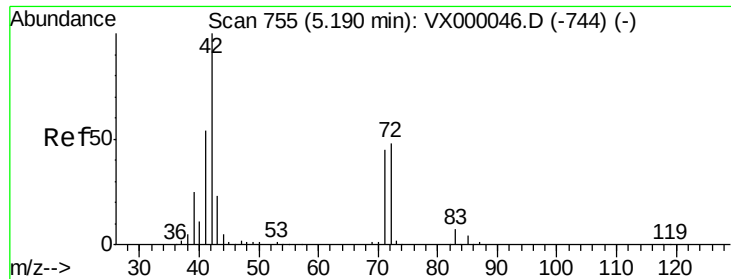


#28

Bromochloromethane
Concen: 19.57 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	90.8	75.6	113.4





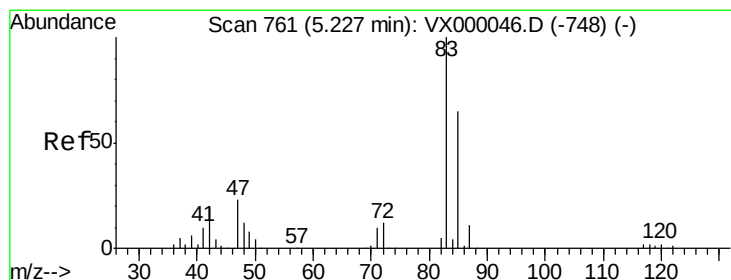
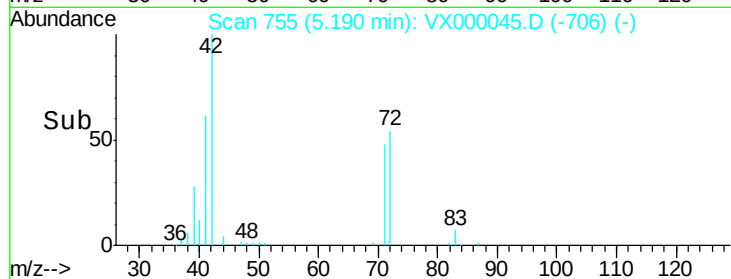
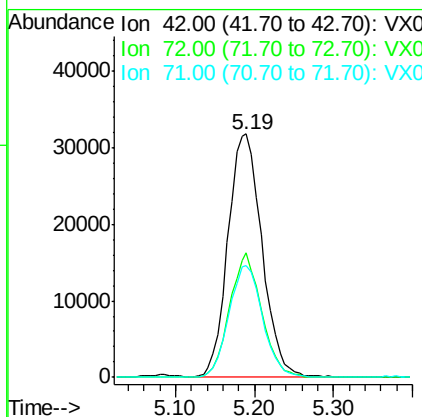
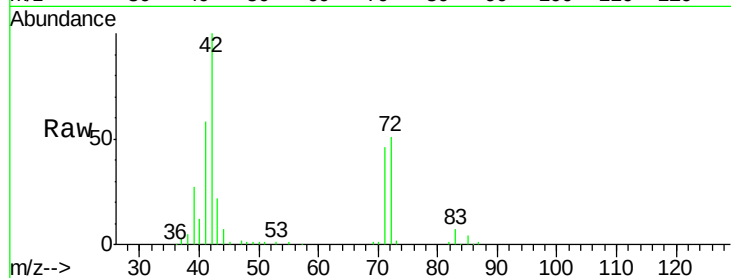
#29
Tetrahydrofuran
Concen: 98.14 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.0	39.0	58.6
71	45.8	36.7	55.1

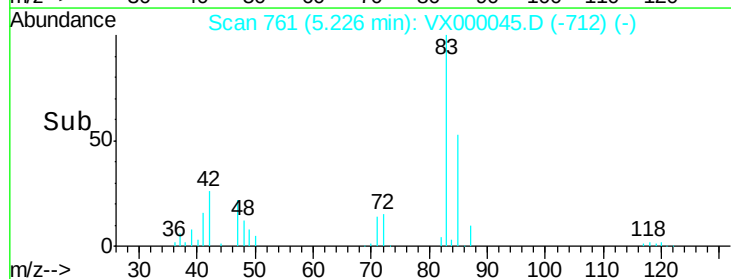
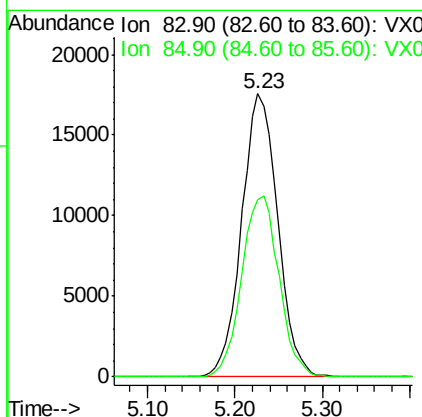
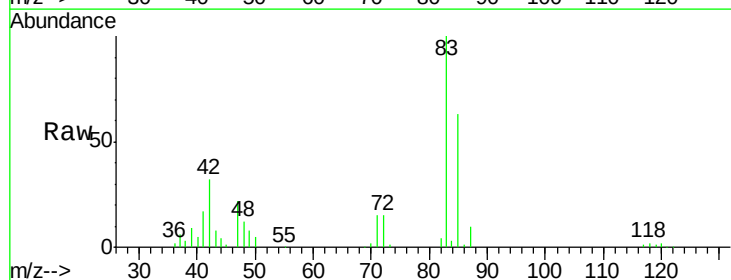
Manual Integrations
APPROVED

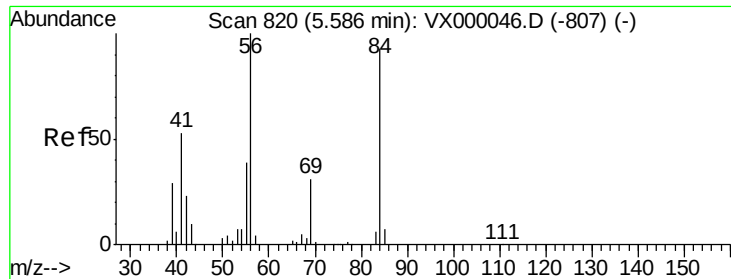
sam
2/14/2018 5:29:31 PM



#30
Chloroform
Concen: 20.14 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.9	77.9





#31

Cyclohexane

Concen: 20.56 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

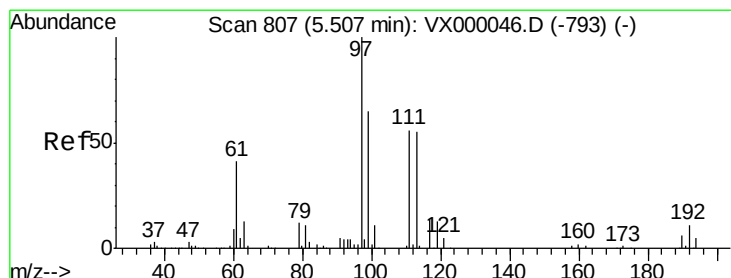
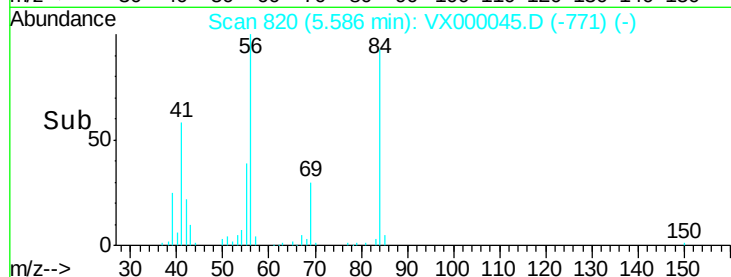
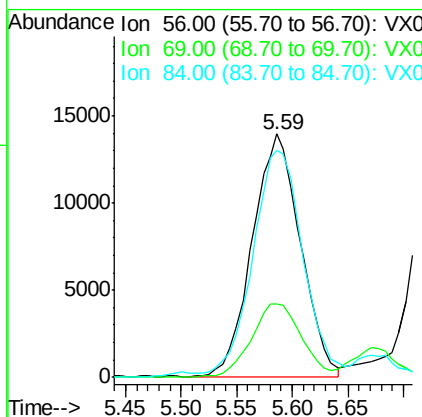
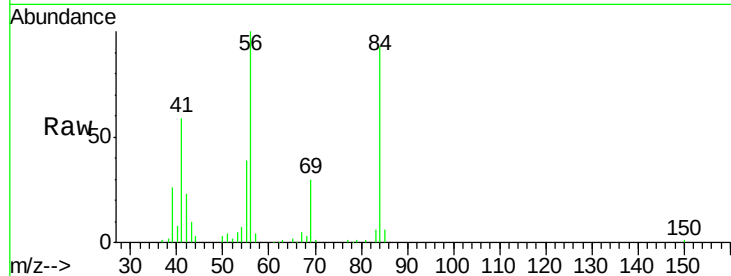
ClientSampleId :

VSTDIC020

Tgt Ion:	56	Resp:	42135
Ion Ratio	Lower	Upper	
56	100		
69	30.1	24.5	36.7
84	91.4	74.8	112.2

Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM



#32

1,1,1-Trichloroethane

Concen: 19.93 ug/l

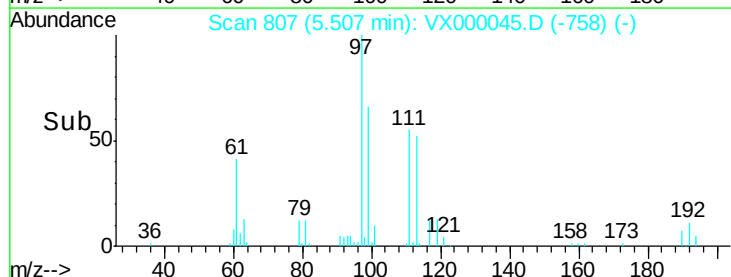
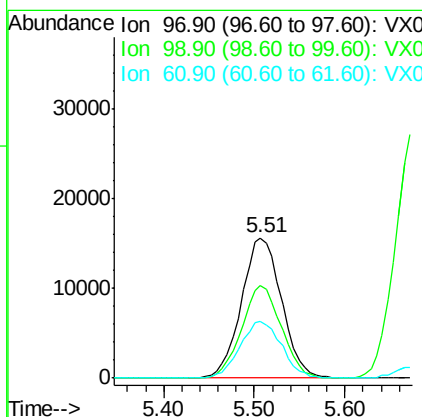
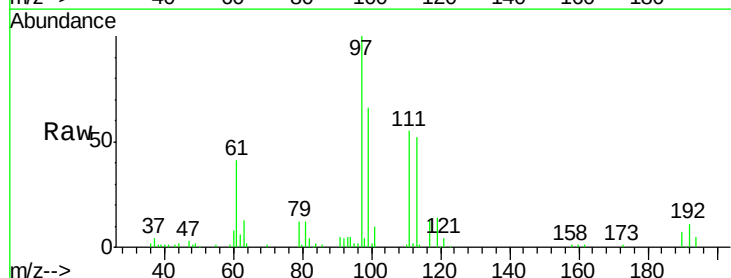
RT: 5.51 min Scan# 807

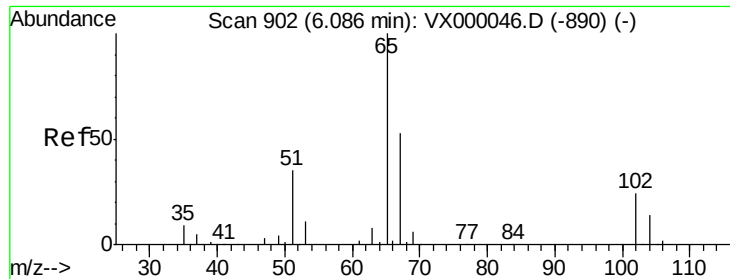
Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion:	97	Resp:	47744
Ion Ratio	Lower	Upper	
97	100		
99	65.1	50.8	76.2
61	41.8	32.1	48.1





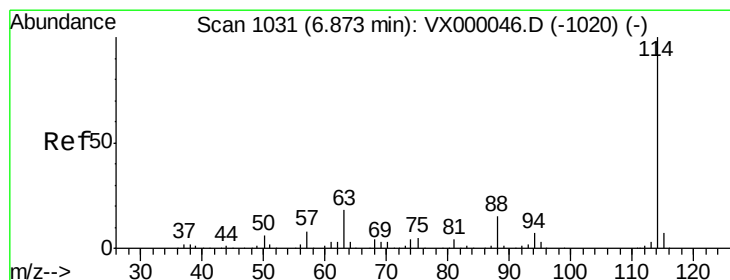
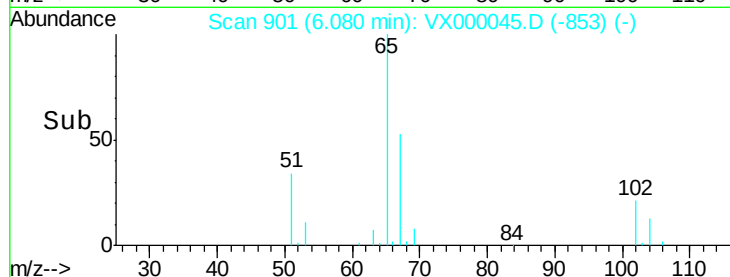
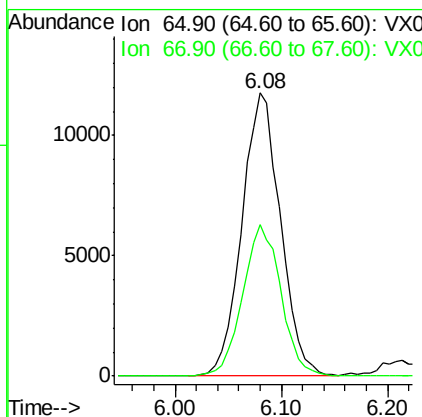
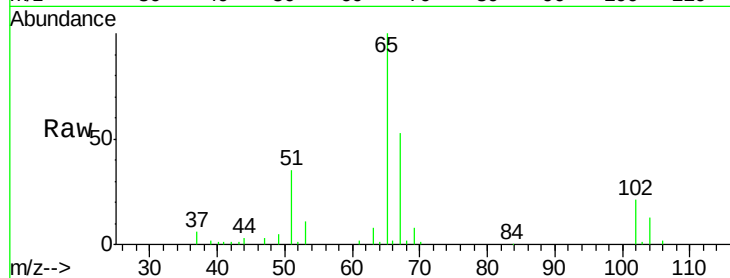
#33
 1,2-Dichloroethane-d4
 Concen: 19.26 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampleId :
 VSTDIC020

Tgt Ion: 65 Resp: 29924
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.0

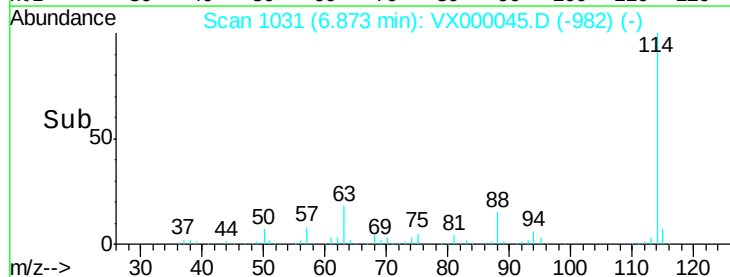
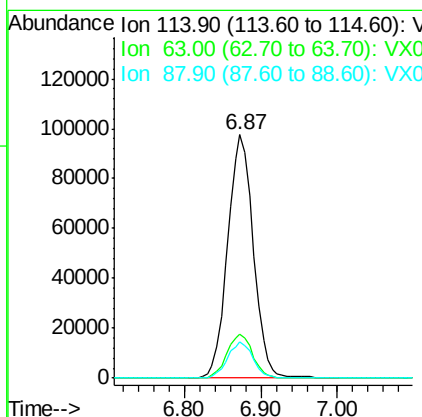
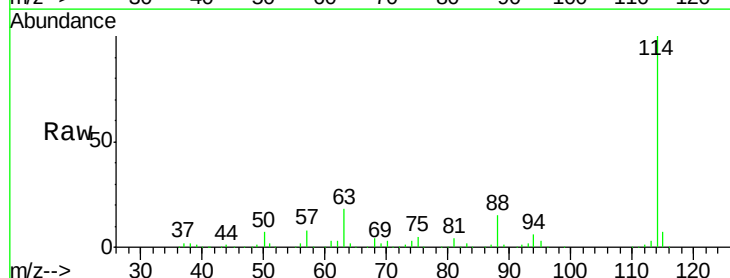
Manual Integrations
 APPROVED

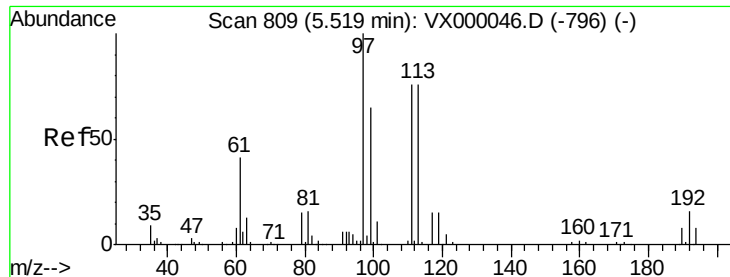
sam
 2/14/2018 5:29:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 114 Resp: 226436
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.0
 88 14.8 0.0 30.4





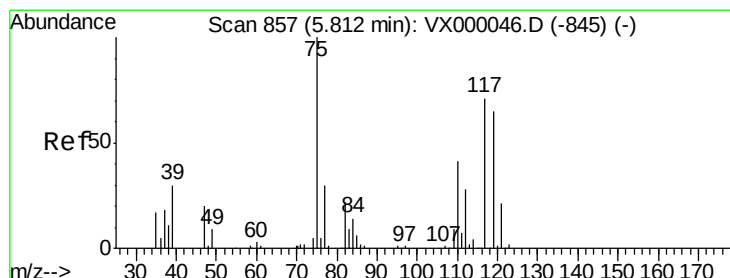
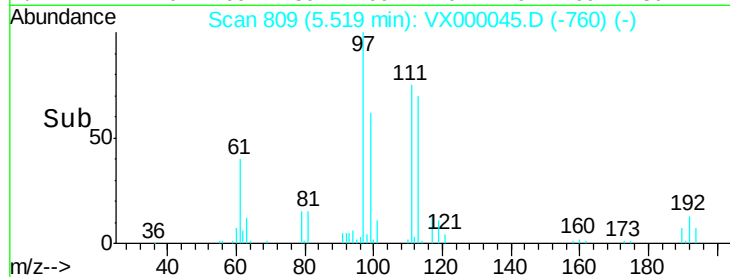
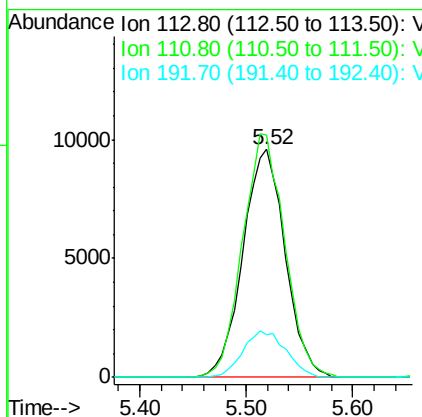
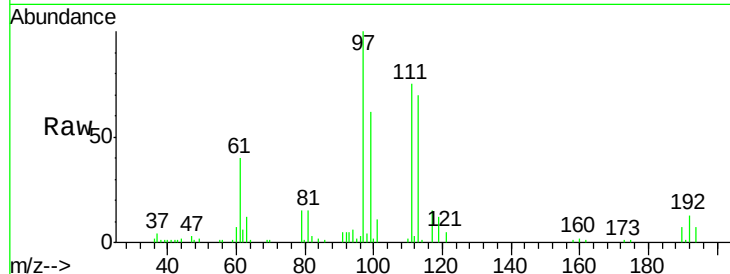
#35
 Dibromofluoromethane
 Concen: 20.36 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.3	80.5	120.7
192	20.7	16.9	25.3

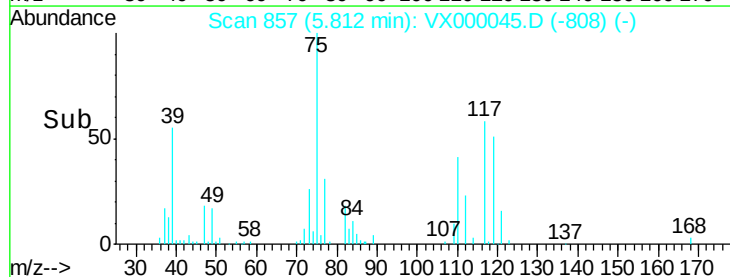
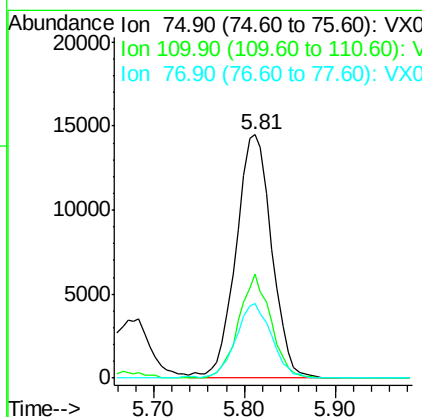
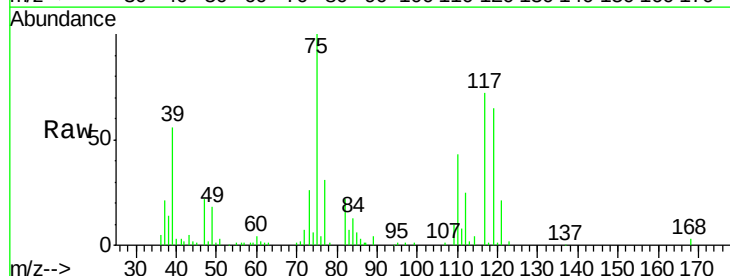
Manual Integrations
 APPROVED

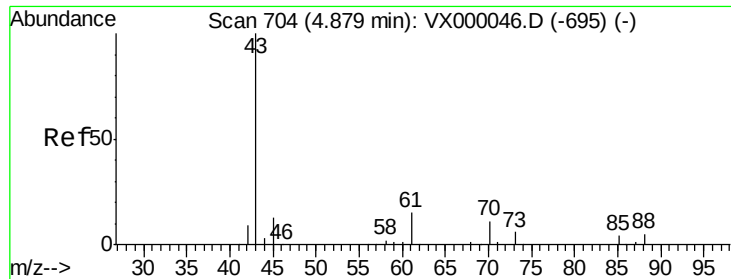
sam
 2/14/2018 5:29:31 PM



#36
 1,1-Dichloropropene
 Concen: 21.21 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.4	58.4
77	30.6	24.2	36.4





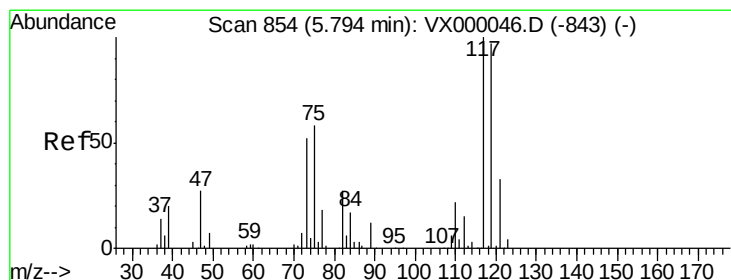
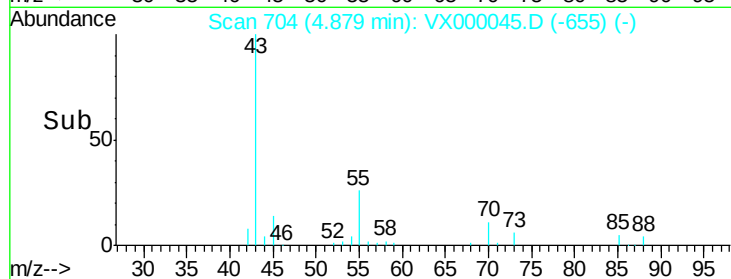
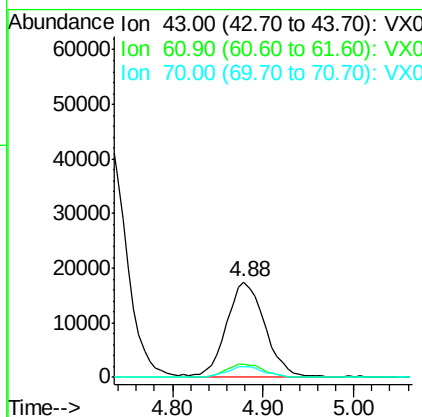
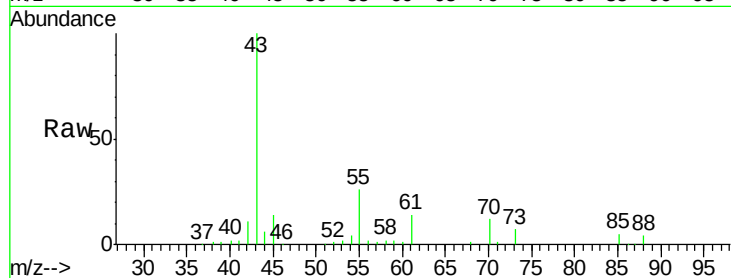
#37
Ethyl Acetate
Concen: 19.59 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 50483
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.2
70 11.2 9.0 13.6

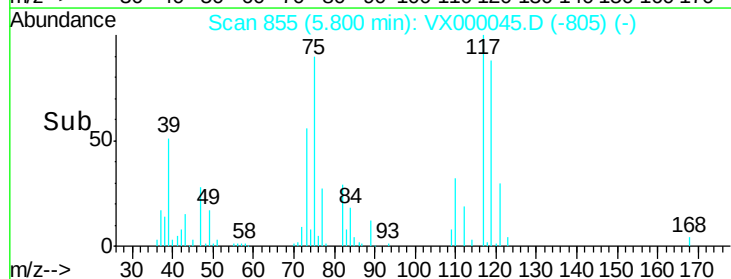
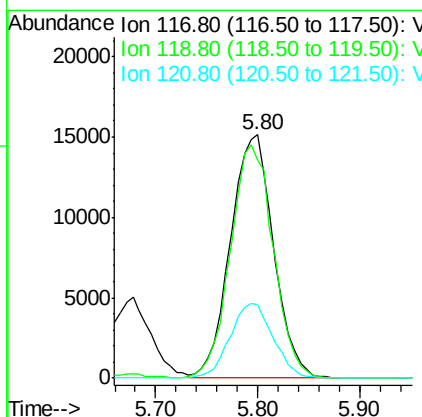
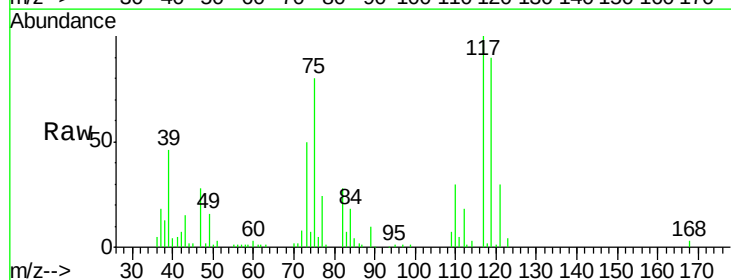
Manual Integrations
APPROVED

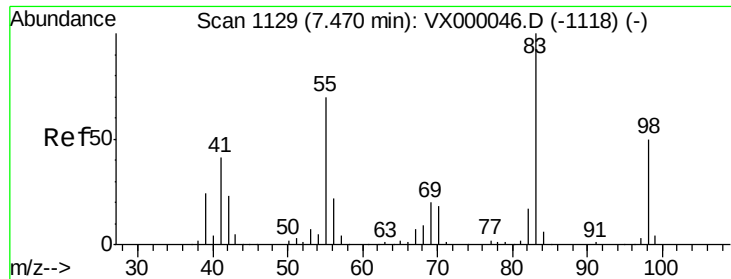
sam
2/14/2018 5:29:31 PM



#38
Carbon Tetrachloride
Concen: 22.66 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 117 Resp: 44506
Ion Ratio Lower Upper
117 100
119 89.8 76.9 115.3
121 29.9 25.8 38.8





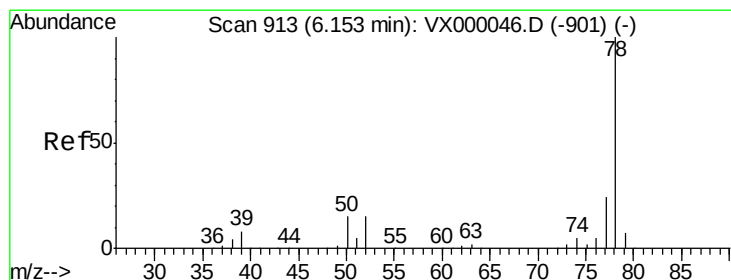
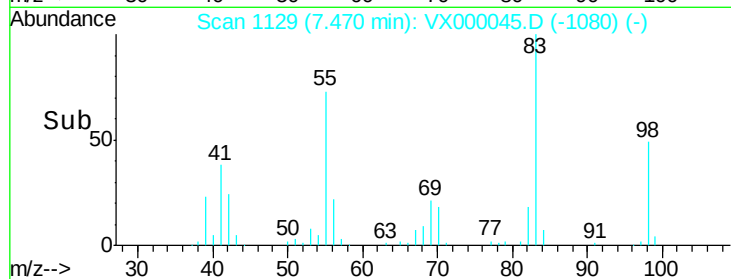
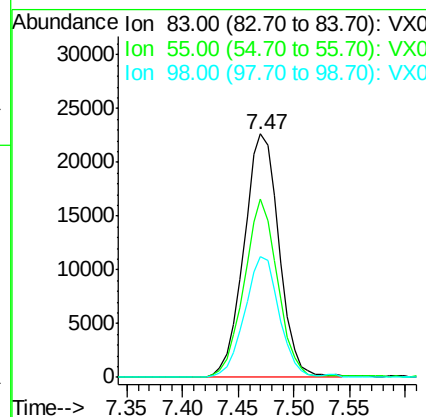
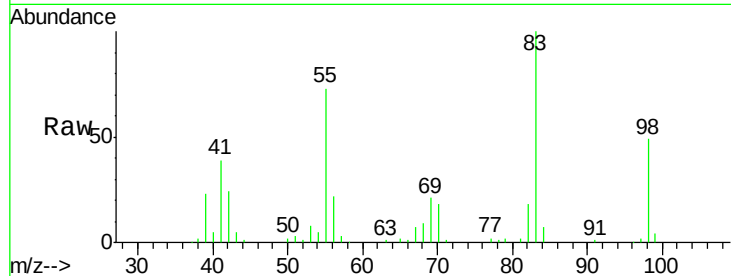
#39
Methylcyclohexane
Concen: 20.96 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.2	55.7	83.5
98	49.5	39.7	59.5

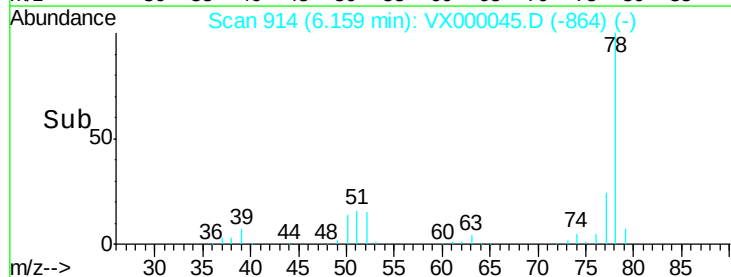
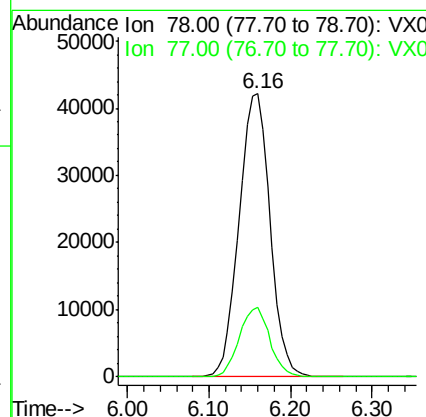
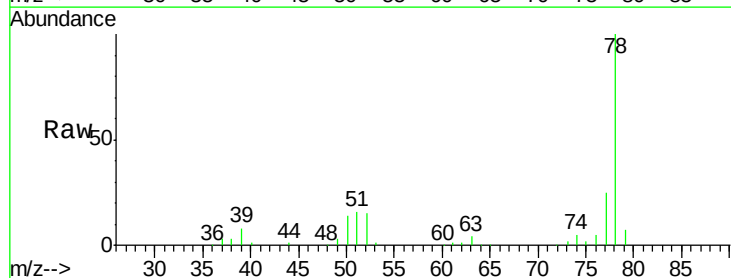
Manual Integrations
APPROVED

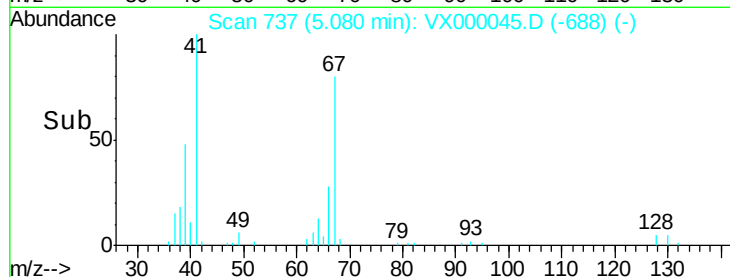
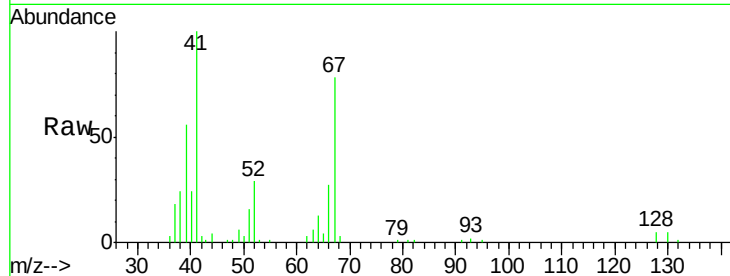
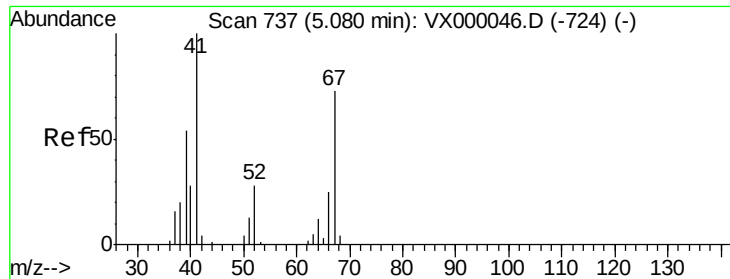
sam
2/14/2018 5:29:31 PM



#40
Benzene
Concen: 20.32 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

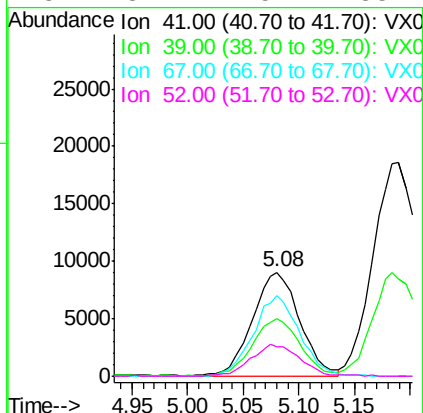
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.2





#41
Methacrylonitrile
Concen: 19.88 ug/l
RT: 5.08 min Scan# 737
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

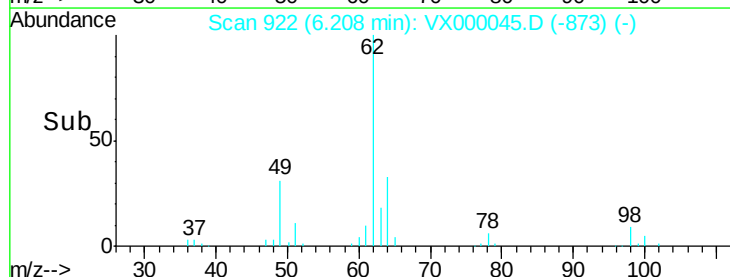
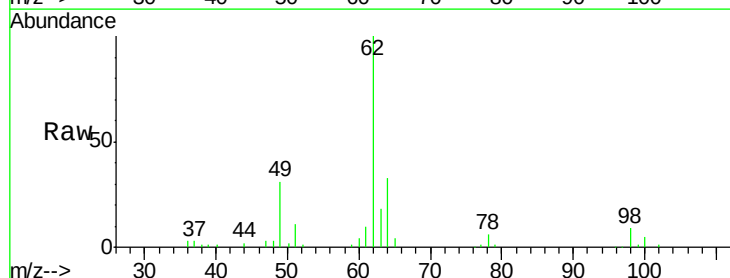
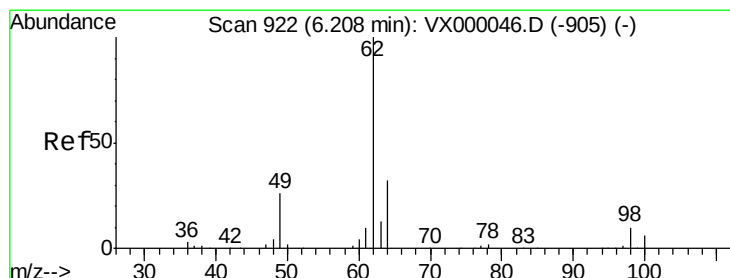
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	45.8	68.8	
67	75.6	60.6	91.0	
52	31.4	25.4	38.2	



Instrument :
ClientSampleId :
VSTDIC020

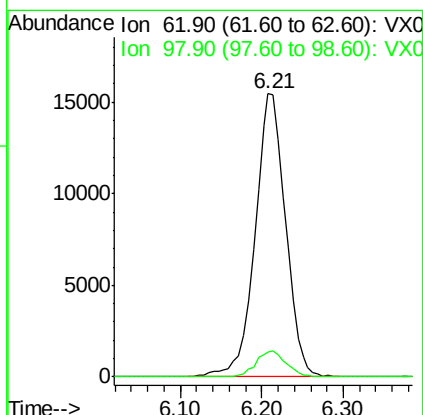
Manual Integrations
APPROVED

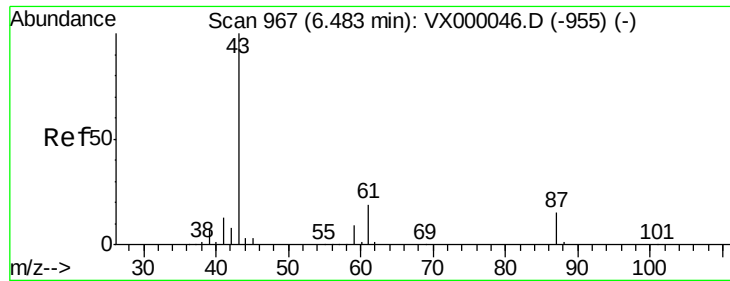
sam
2/14/2018 5:29:31 PM



#42
1,2-Dichloroethane
Concen: 20.64 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	18.6	





#43

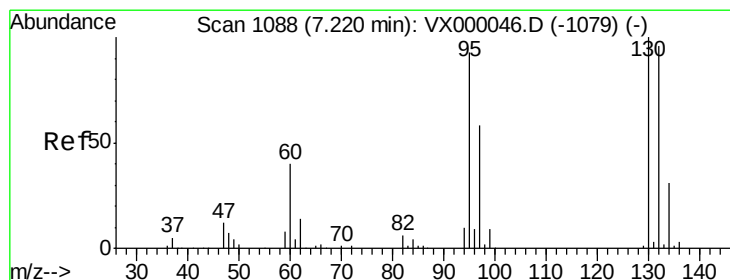
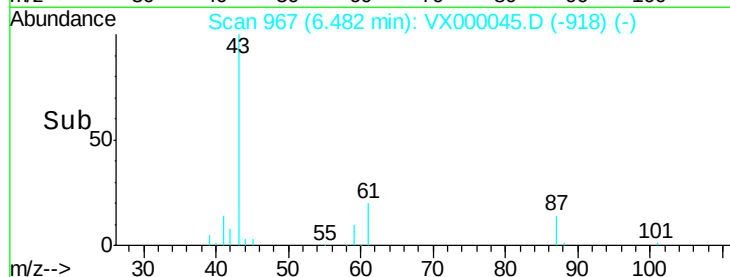
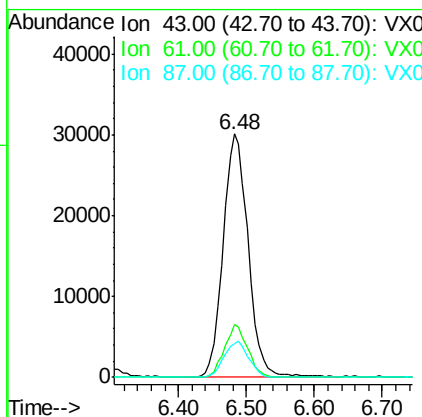
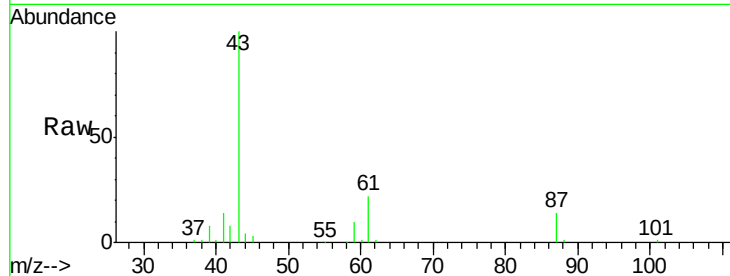
Isopropyl Acetate
 Concen: 20.03 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.9	23.9
87	14.6	11.8	17.6

Manual Integrations
 APPROVED

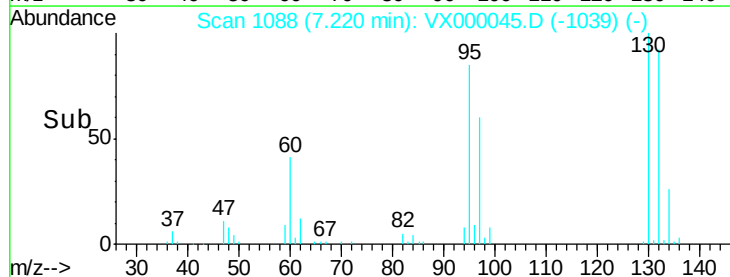
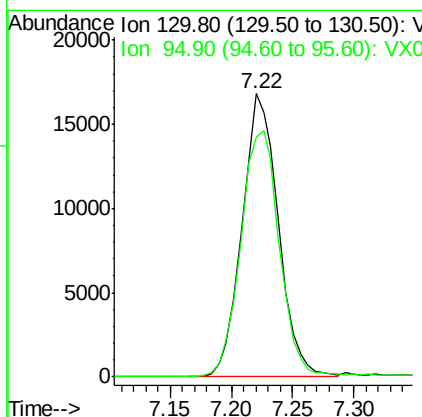
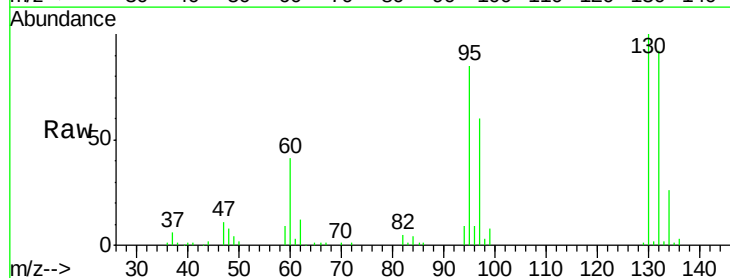
sam
 2/14/2018 5:29:31 PM

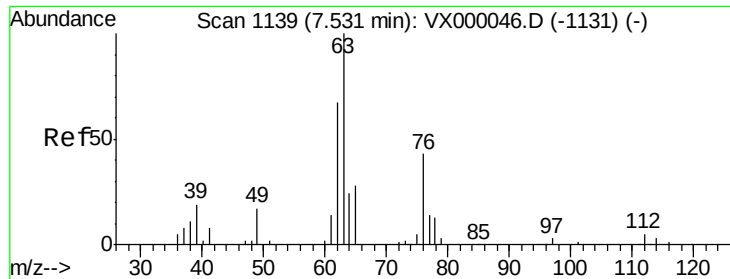


#44

Trichloroethene
 Concen: 20.09 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.7	0.0	185.2





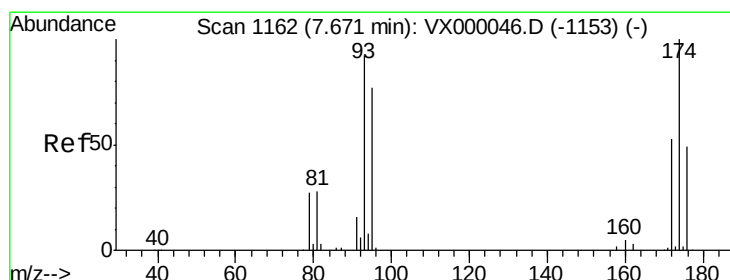
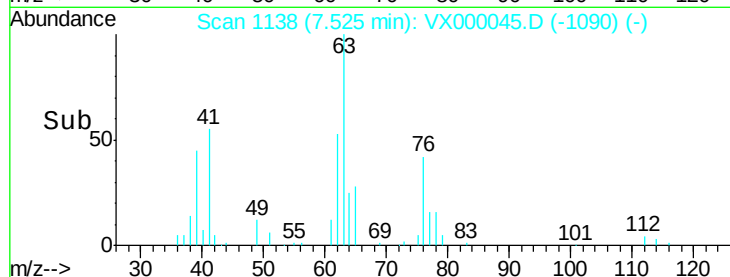
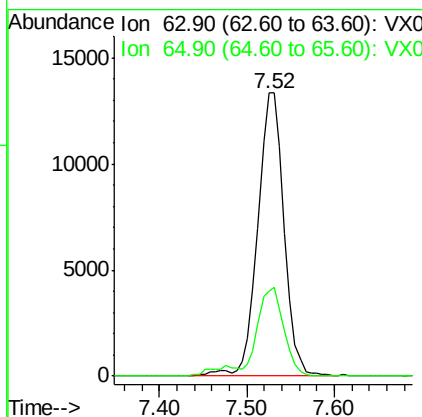
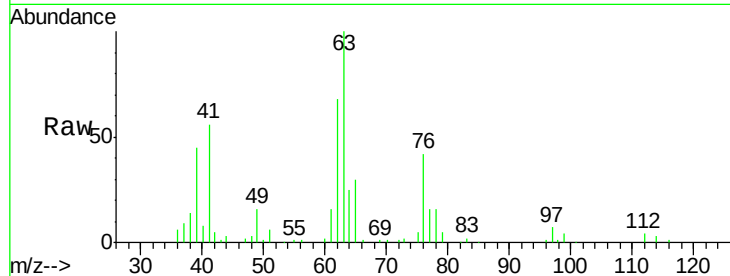
#45
1,2-Dichloropropane
Concen: 20.60 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion: 63 Resp: 28044
Ion Ratio Lower Upper
63 100
65 30.0 23.7 35.5

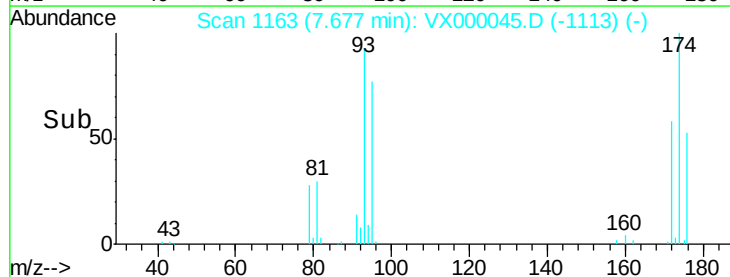
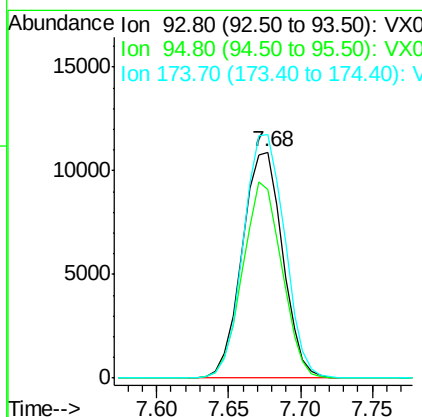
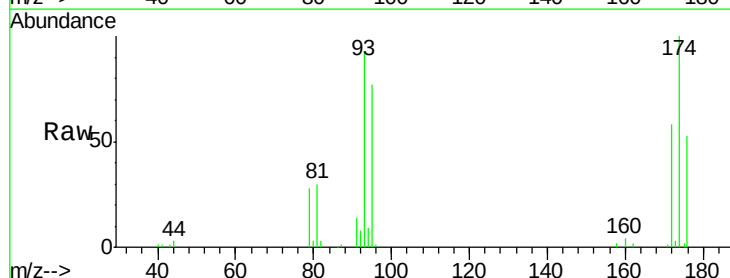
Manual Integrations
APPROVED

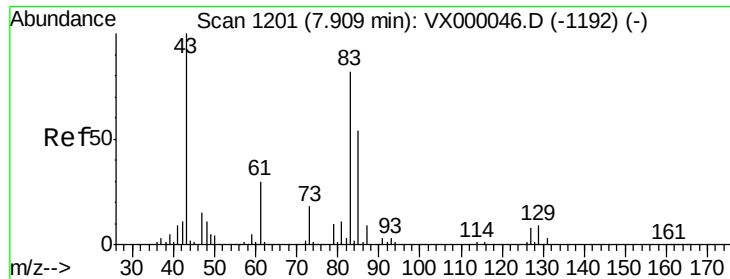
sam
2/14/2018 5:29:31 PM



#46
Dibromomethane
Concen: 20.07 ug/l
RT: 7.68 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 93 Resp: 21270
Ion Ratio Lower Upper
93 100
95 83.9 66.3 99.5
174 109.2 90.4 135.6





#47

Bromodichloromethane

Concen: 20.69 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

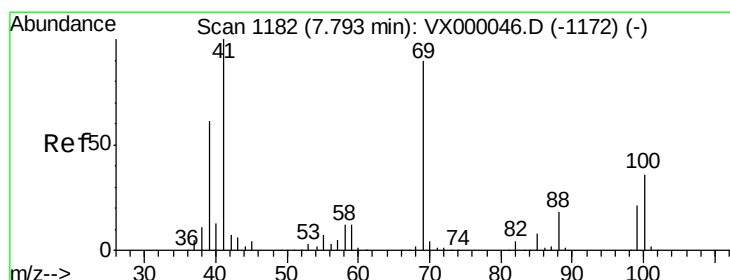
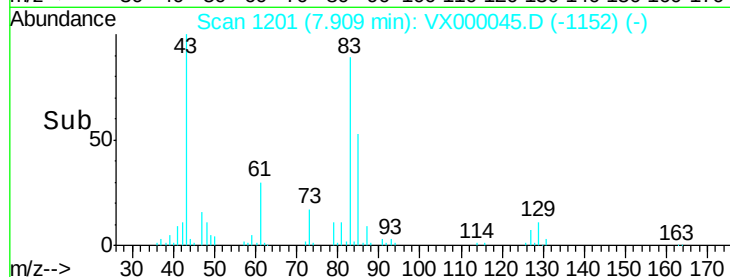
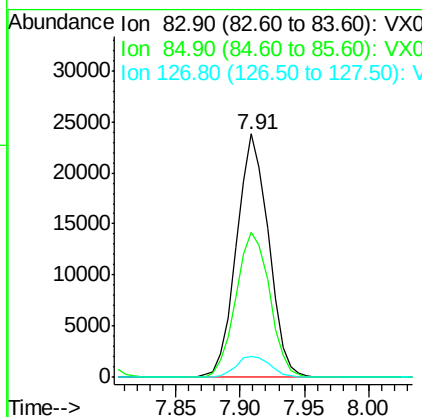
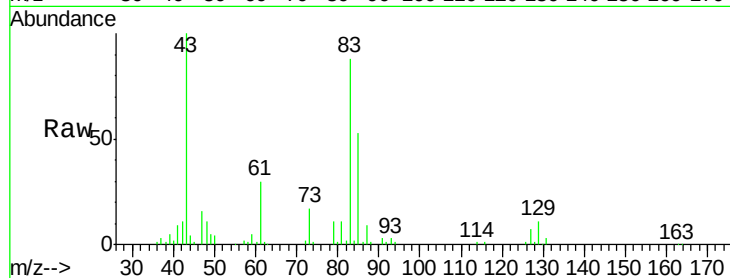
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	40978
Ion	Ratio	Lower	Upper
83	100		
85	59.5	52.3	78.5
127	8.4	7.4	11.0

Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM



#48

Methyl methacrylate

Concen: 19.70 ug/l

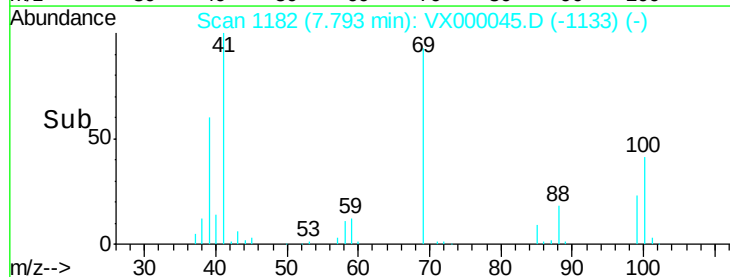
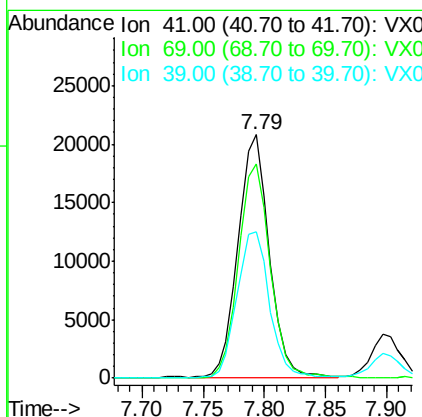
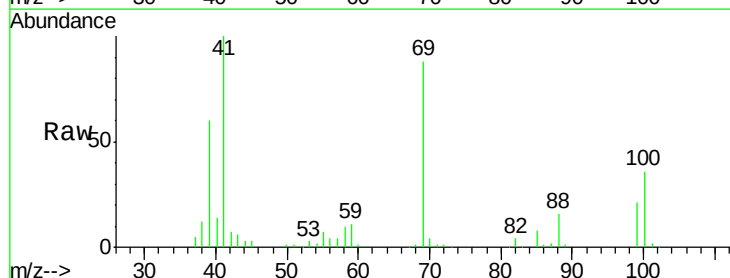
RT: 7.79 min Scan# 1182

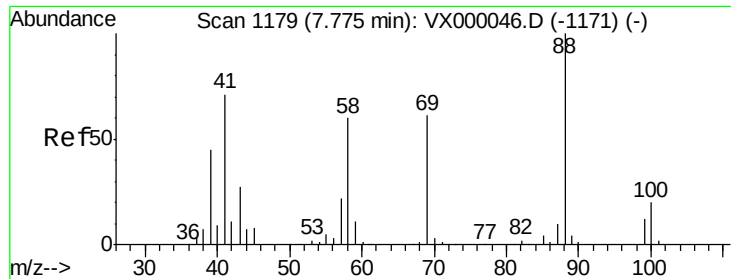
Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion:	41	Resp:	36864
Ion	Ratio	Lower	Upper
41	100		
69	90.1	72.1	108.1
39	63.3	49.6	74.4





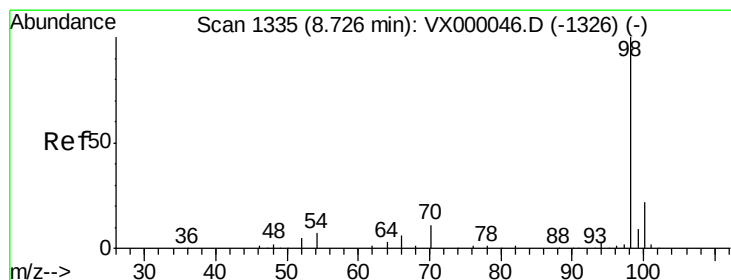
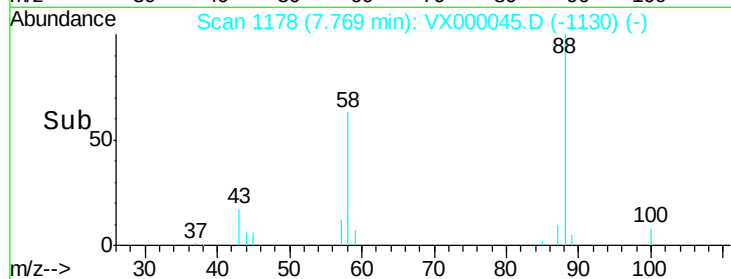
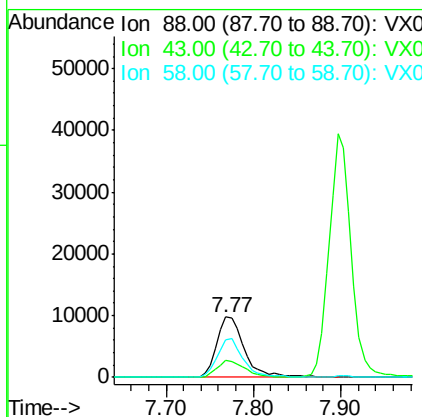
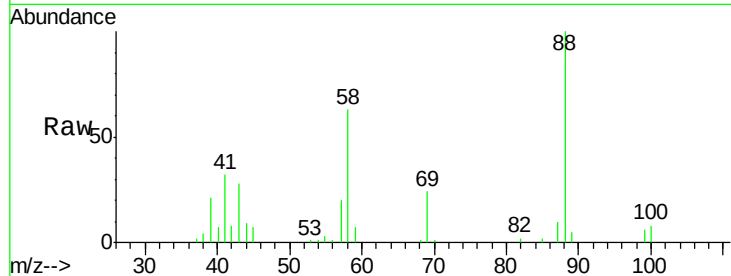
#49
1,4-Dioxane
Concen: 399.67 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.6	33.8
58	61.5	49.4	74.2

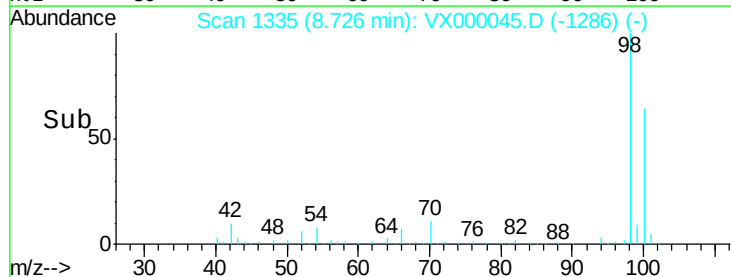
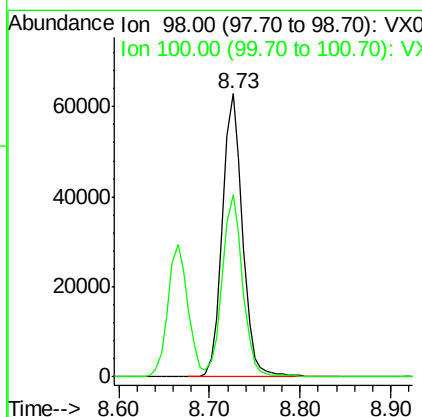
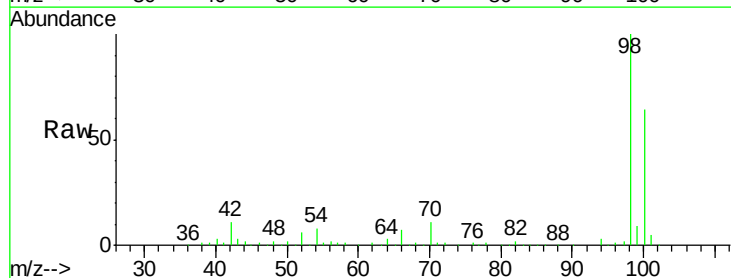
Manual Integrations
APPROVED

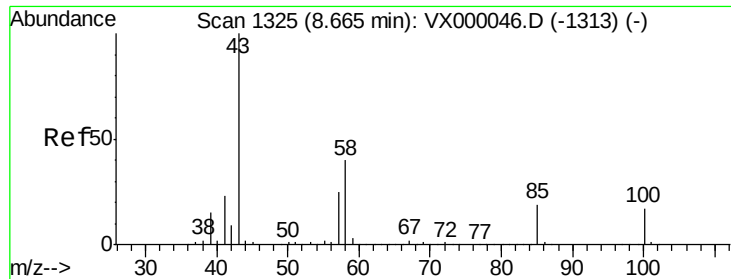
sam
2/14/2018 5:29:31 PM



#50
Toluene-d8
Concen: 19.82 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 100.81 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

Tgt Ion: 43 Resp: 272992

Ion Ratio Lower Upper

43 100

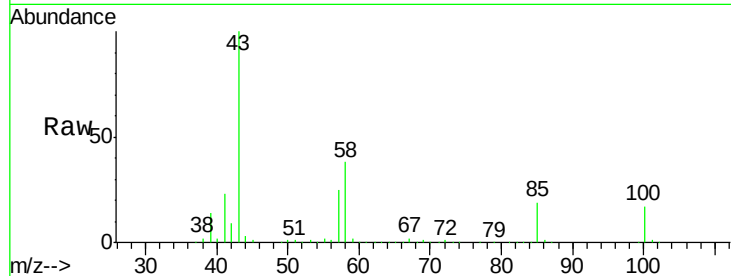
58 39.4 32.1 48.1

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200000

150000

100000

50000

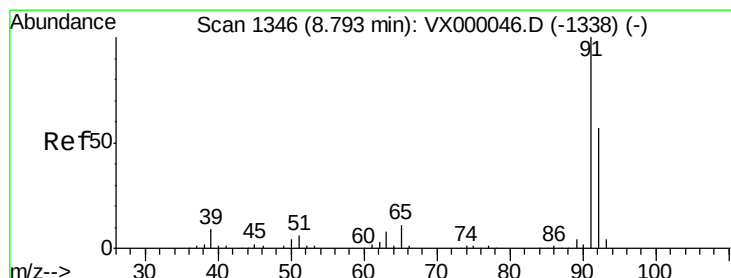
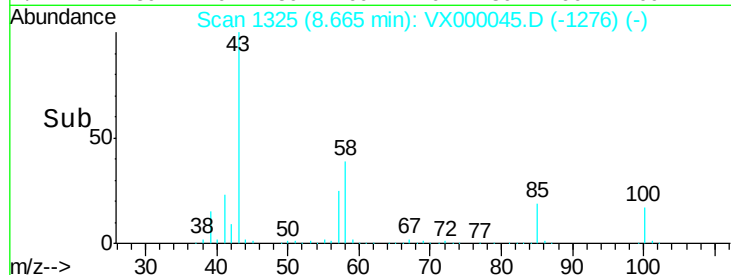
0

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 20.75 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000045.D

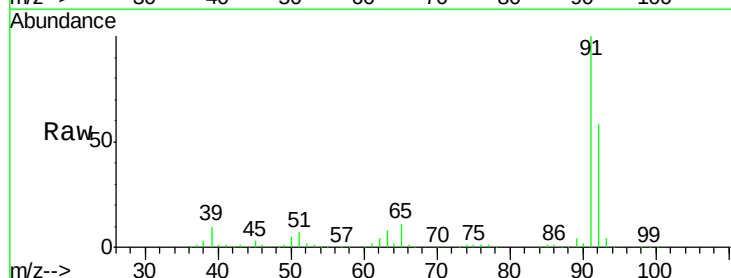
Acq: 09 Feb 2018 16:04

Tgt Ion: 92 Resp: 75995

Ion Ratio Lower Upper

92 100

91 172.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

40000

20000

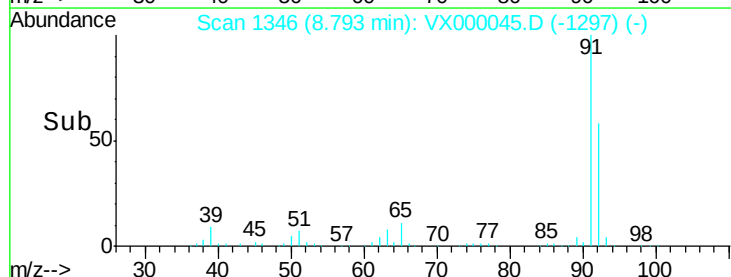
0

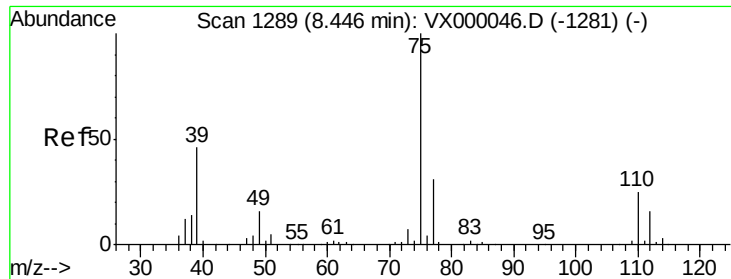
8.70

8.80

8.90

Time-->





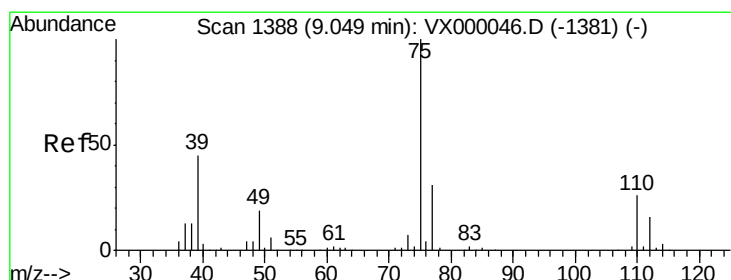
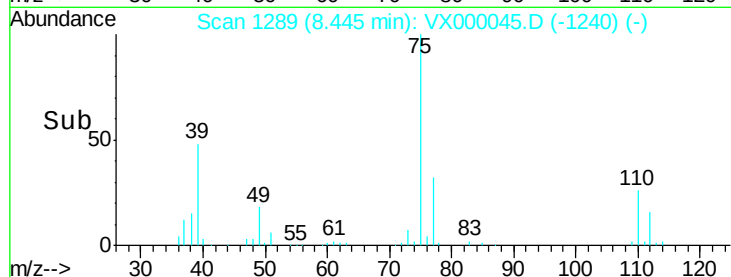
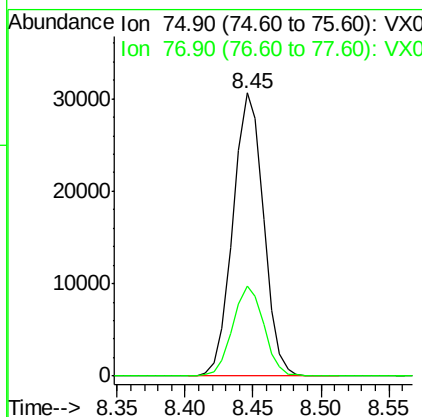
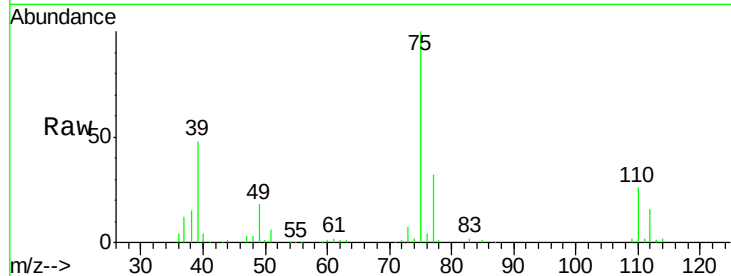
#53
 t-1,3-Dichloropropene
 Concen: 20.79 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 48040
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4

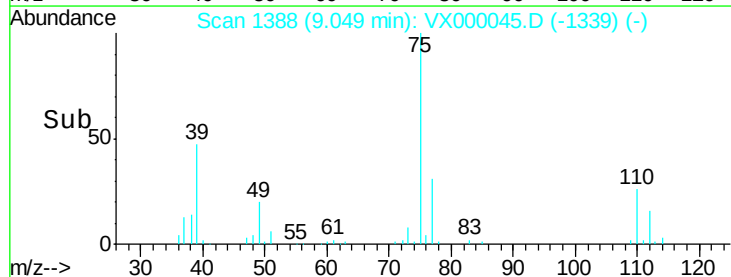
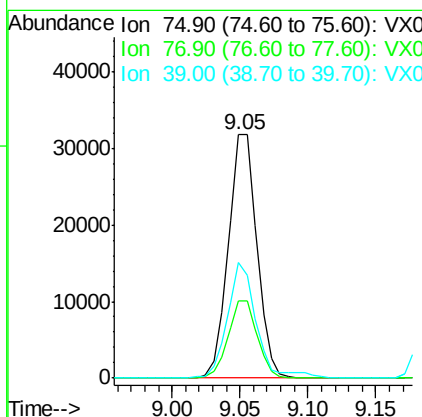
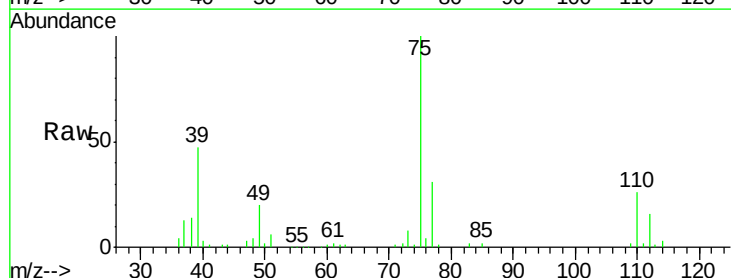
Manual Integrations
 APPROVED

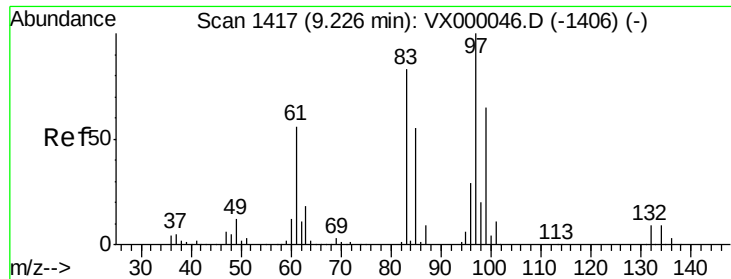
sam
 2/14/2018 5:29:31 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.64 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 75 Resp: 46511
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 47.4 36.1 54.1





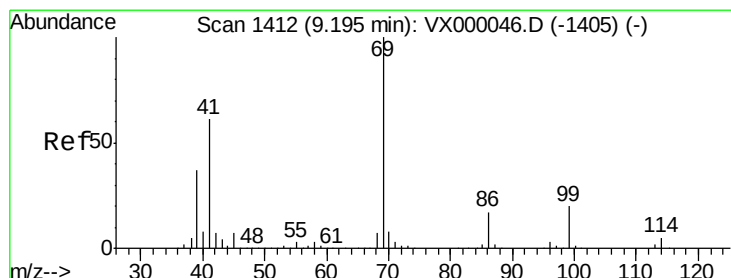
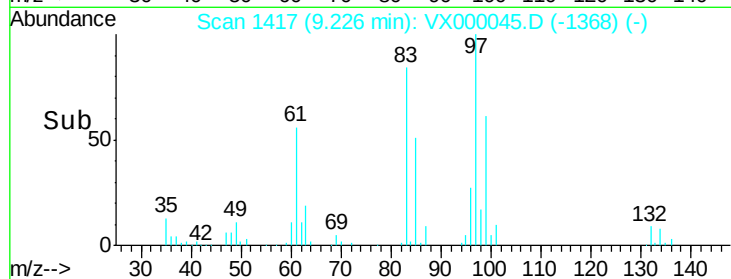
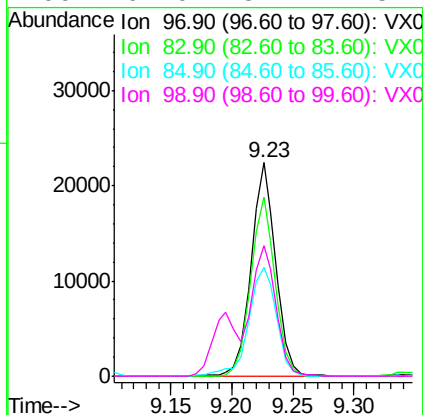
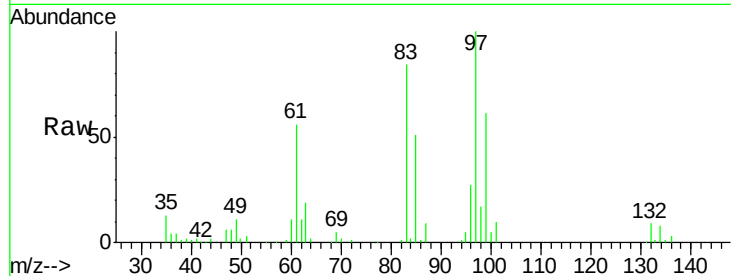
#55
 1,1,2-Trichloroethane
 Concen: 20.49 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampled :
 VSTDIC020

Tgt Ion:	97	Resp:	31421
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.5	99.7
85	50.8	43.8	65.6
99	61.0	52.2	78.4

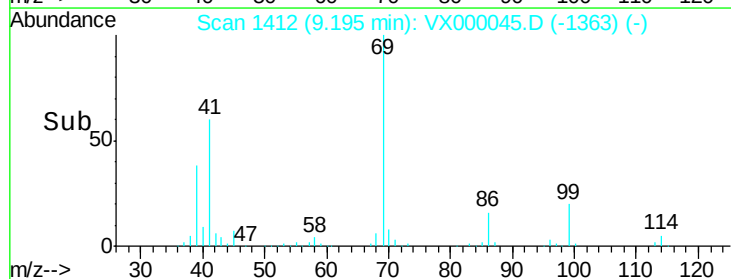
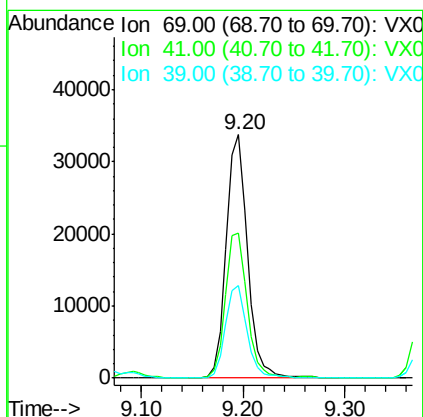
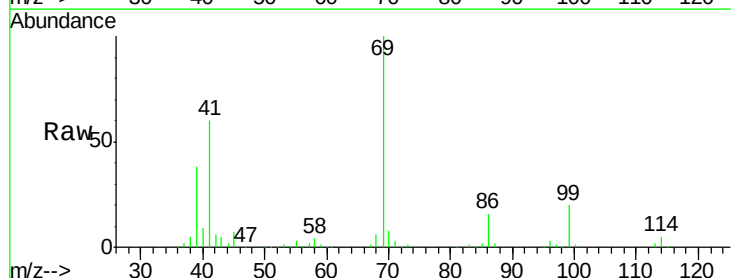
Manual Integrations
 APPROVED

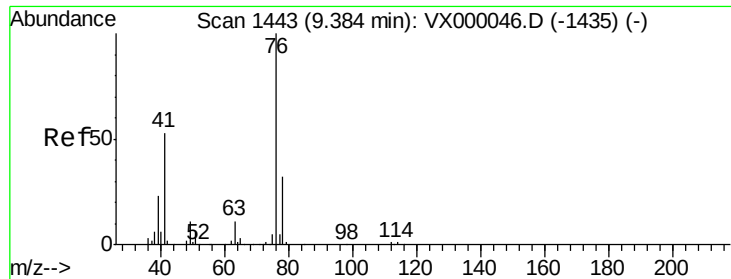
sam
 2/14/2018 5:29:31 PM



#56
 Ethyl methacrylate
 Concen: 20.49 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion:	69	Resp:	48838
Ion	Ratio	Lower	Upper
69	100		
41	60.6	49.5	74.3
39	39.0	29.9	44.9





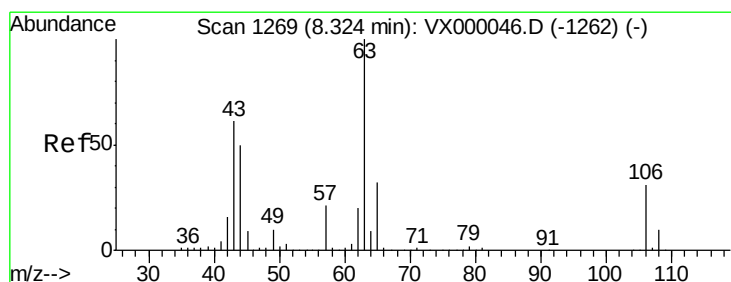
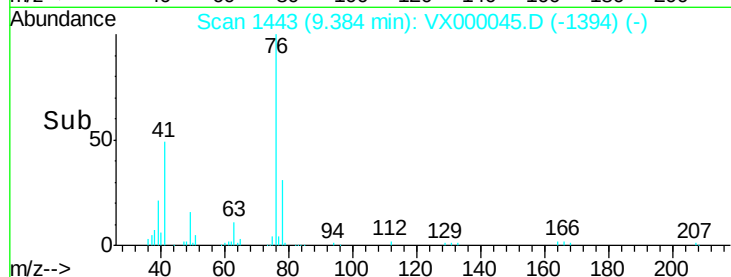
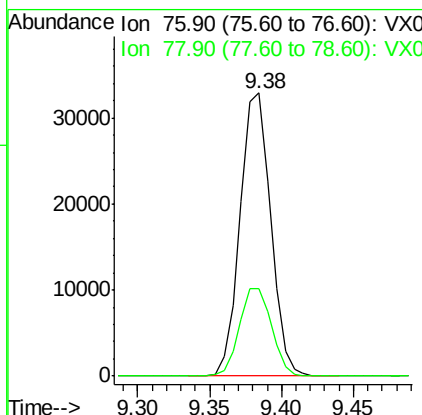
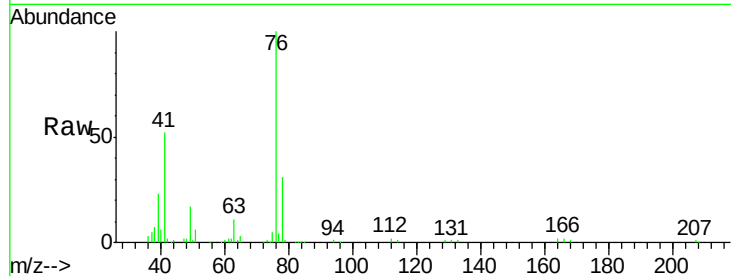
#57
 1,3-Dichloropropane
 Concen: 19.97 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampleId :
 VSTDIC020

Tgt Ion: 76 Resp: 48598
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9

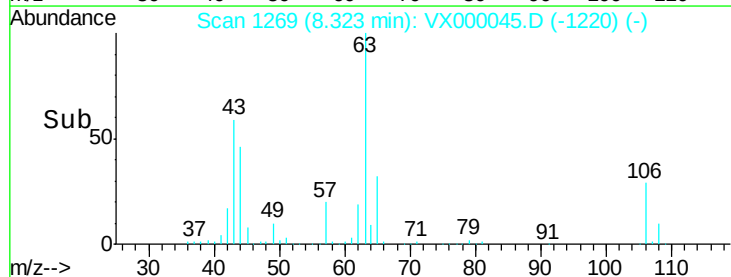
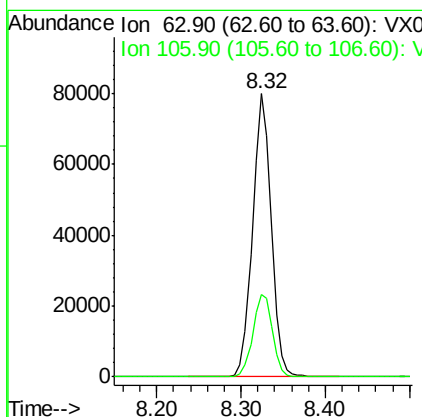
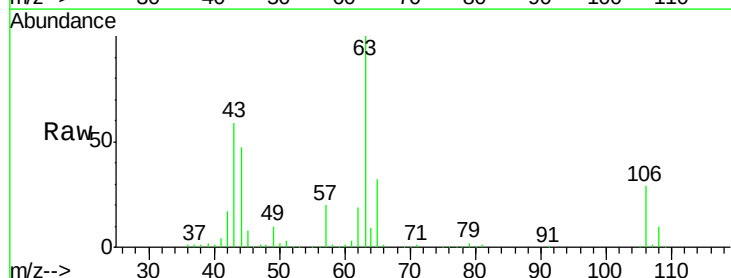
Manual Integrations
 APPROVED

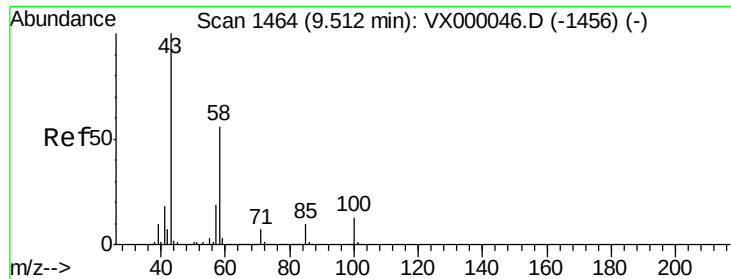
sam
 2/14/2018 5:29:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.30 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 63 Resp: 121219
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1





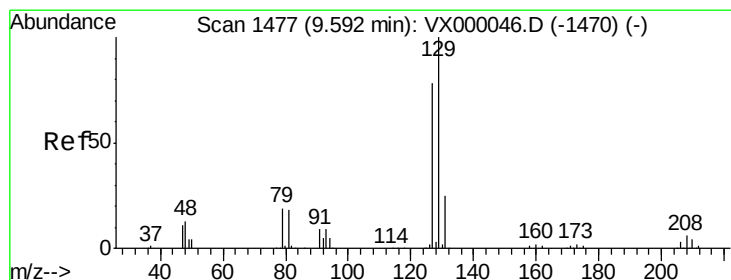
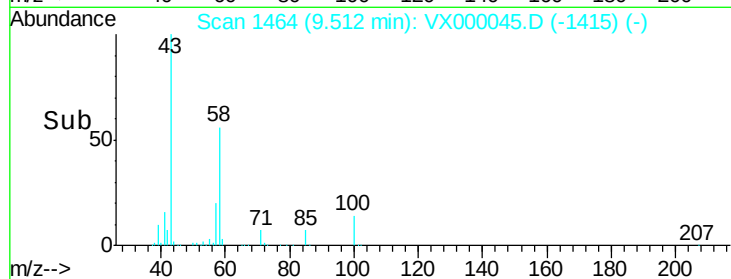
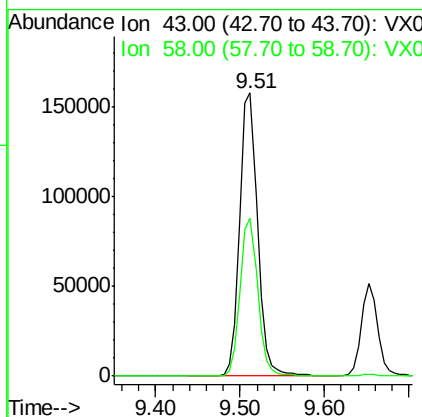
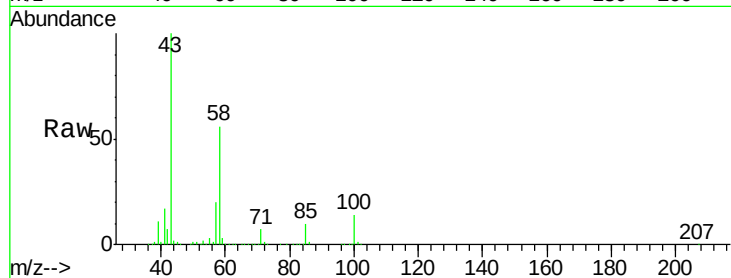
#59
2-Hexanone
Concen: 96.81 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion: 43 Resp: 224374
Ion Ratio Lower Upper
43 100
58 54.9 27.6 82.7

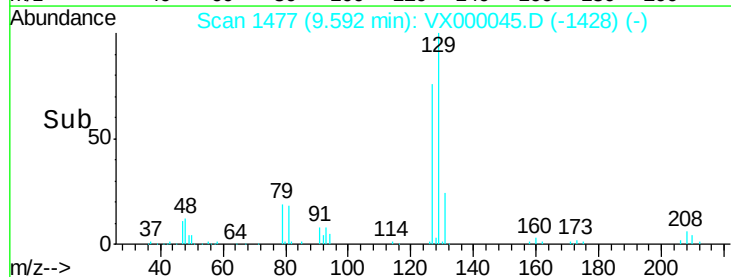
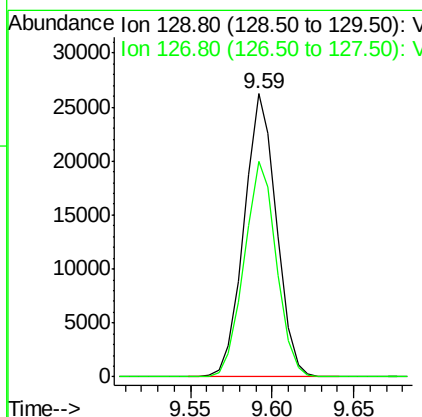
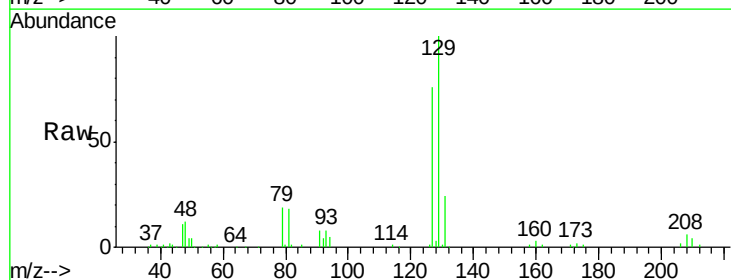
Manual Integrations
APPROVED

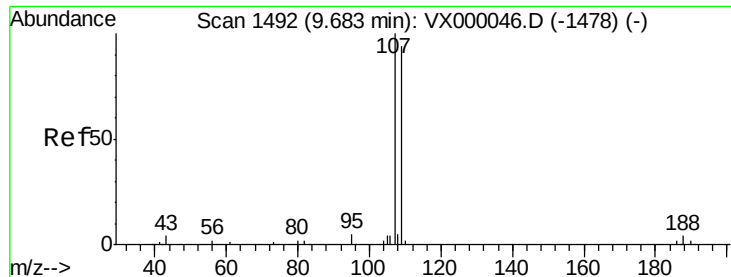
sam
2/14/2018 5:29:31 PM



#60
Dibromochloromethane
Concen: 20.90 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 129 Resp: 36198
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.90 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

Tgt Ion: 107 Resp: 35326

Ion Ratio Lower Upper

107 100

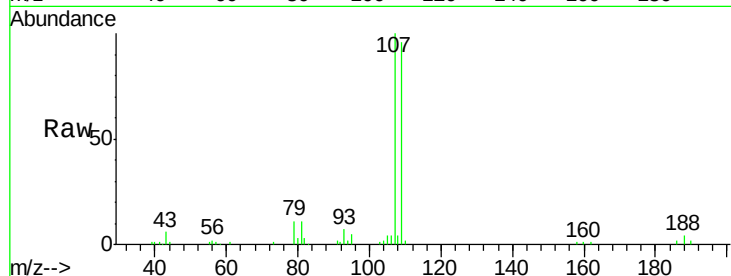
109 93.7 74.6 111.8

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

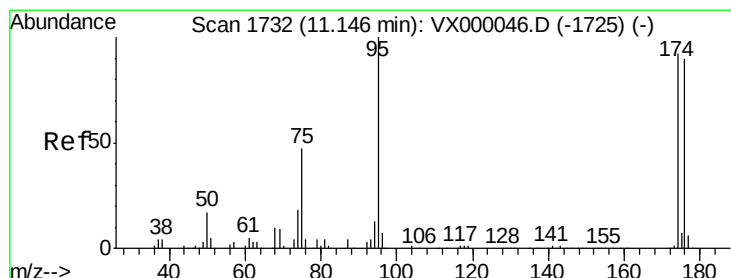
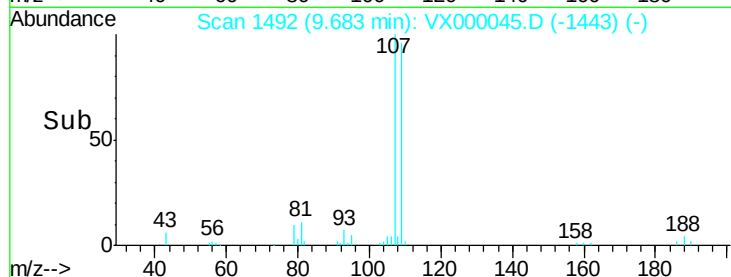
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 20.02 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

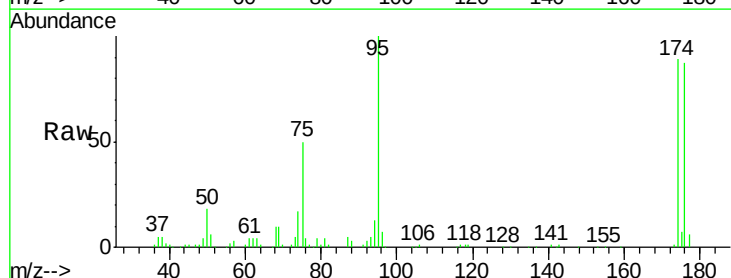
Tgt Ion: 95 Resp: 40290

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.6

176 90.4 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

40000

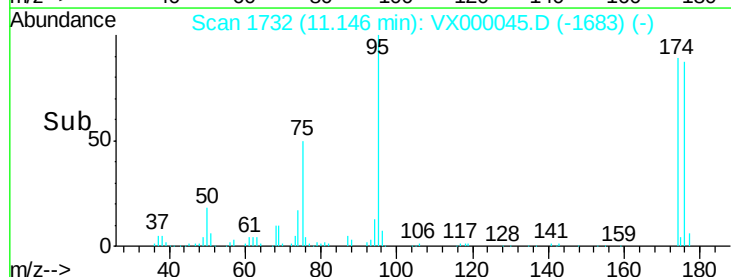
30000

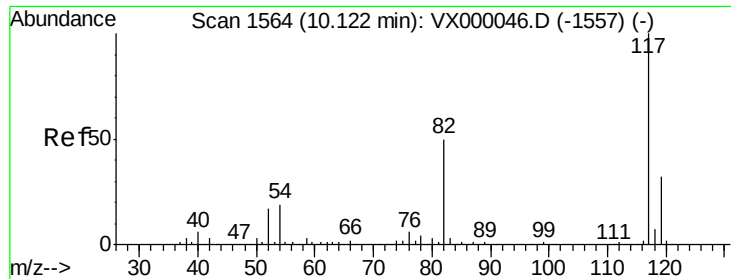
20000

10000

0

Time-->





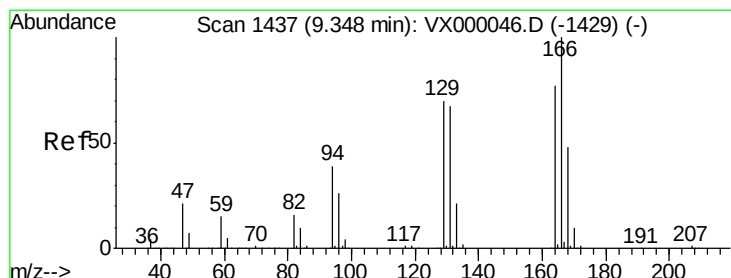
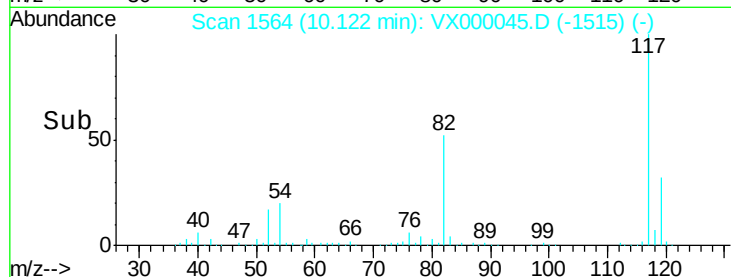
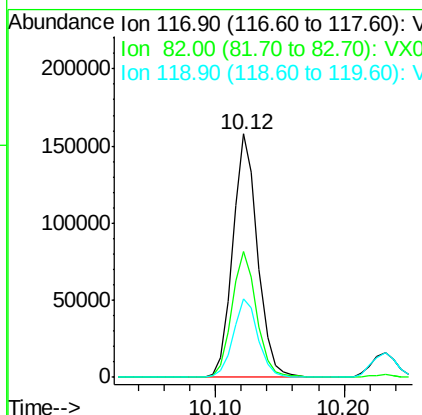
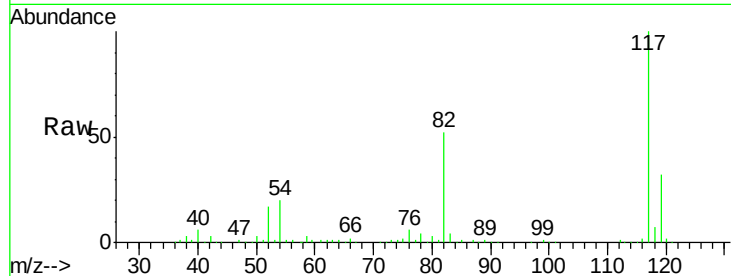
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.3	60.5
119	32.3	25.3	37.9

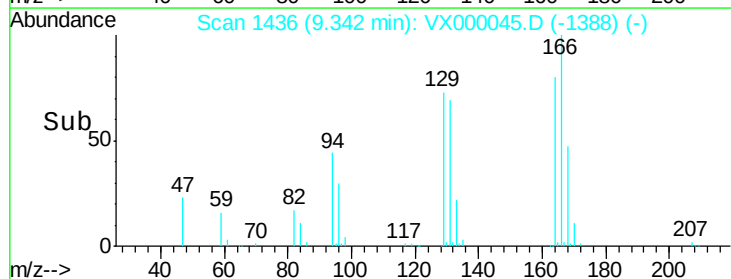
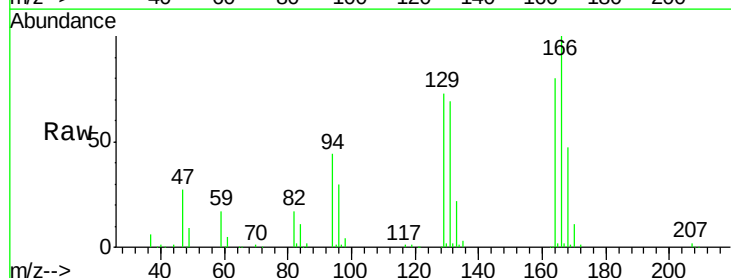
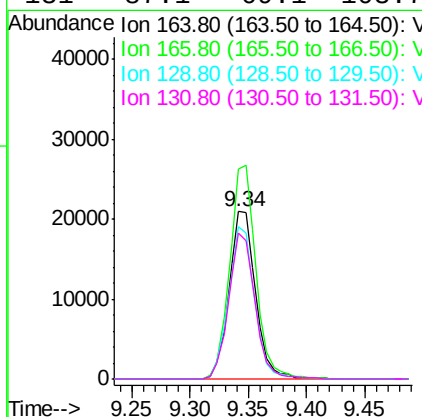
Manual Integrations
APPROVED

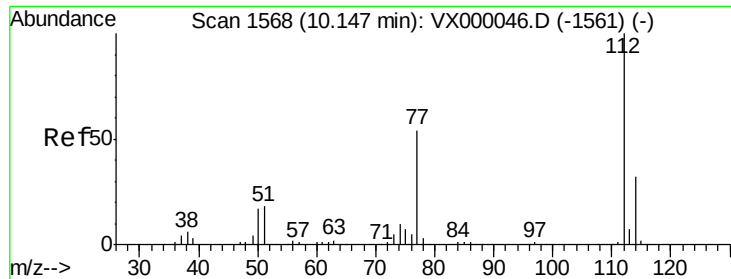
sam
2/14/2018 5:29:31 PM



#64
Tetrachloroethene
Concen: 20.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.7	155.5
129	91.2	72.2	108.4
131	87.1	69.1	103.7





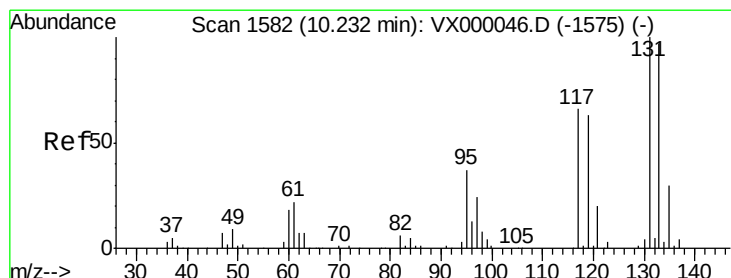
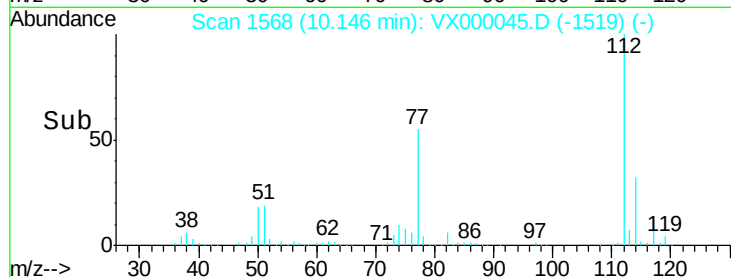
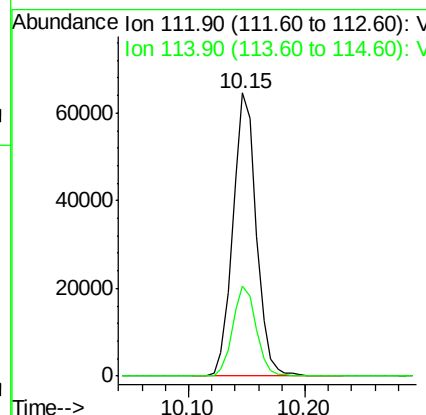
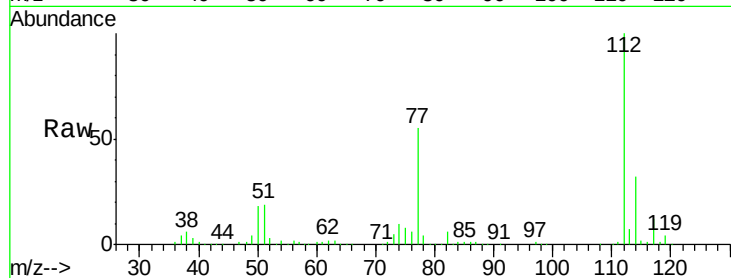
#65
Chlorobenzene
Concen: 21.04 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 90246
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

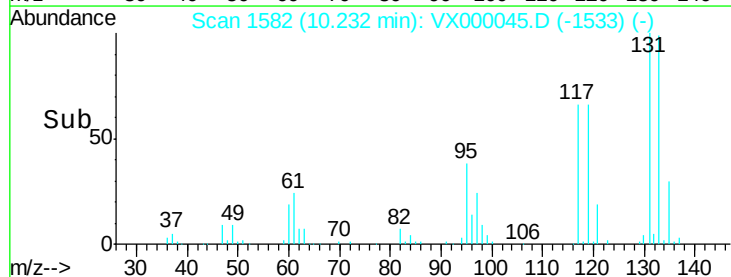
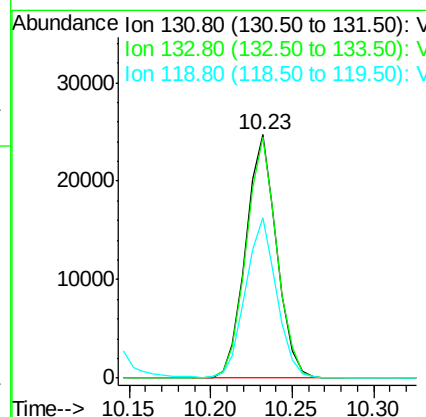
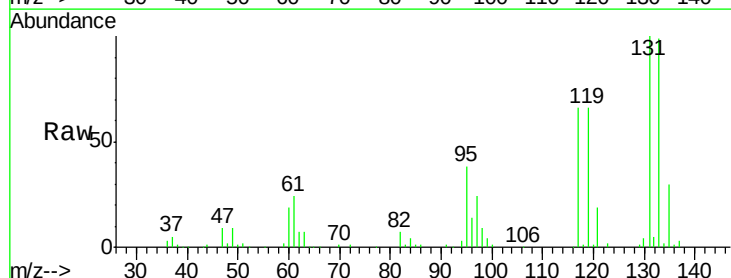
Manual Integrations
APPROVED

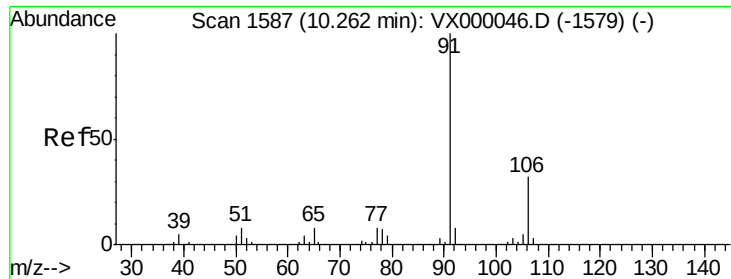
sam
2/14/2018 5:29:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.87 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion:131 Resp: 32654
Ion Ratio Lower Upper
131 100
133 98.3 47.6 142.9
119 66.3 31.7 95.1





#67

Ethyl Benzene

Concen: 20.84 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 149503

Ion Ratio Lower Upper

91 100

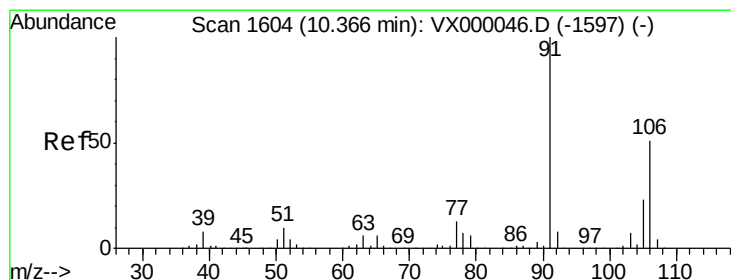
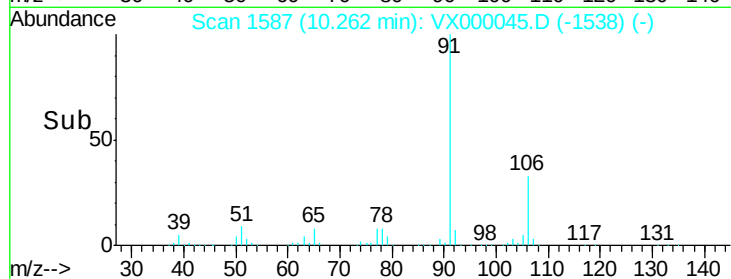
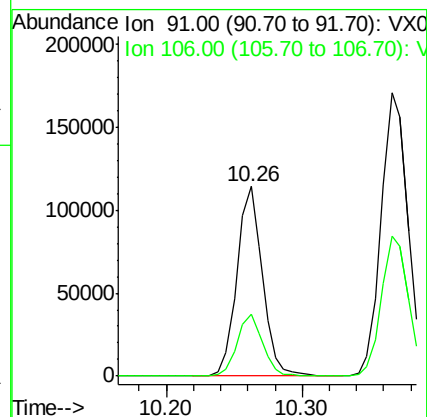
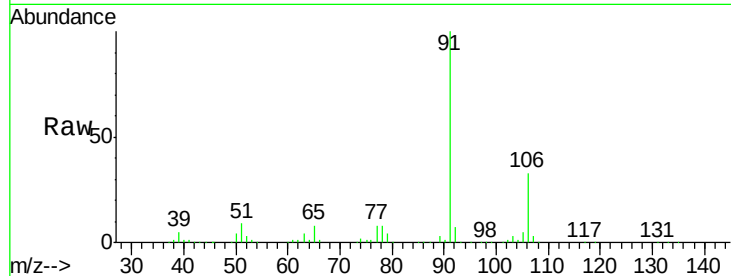
106 33.0 25.9 38.9

Manual Integrations

APPROVED

sam

2/14/2018 5:29:31 PM



#68

m/p-Xylenes

Concen: 41.57 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000045.D

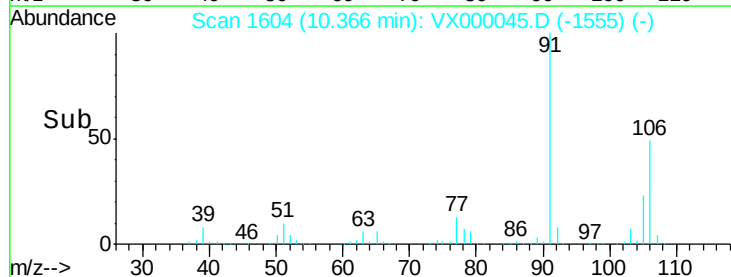
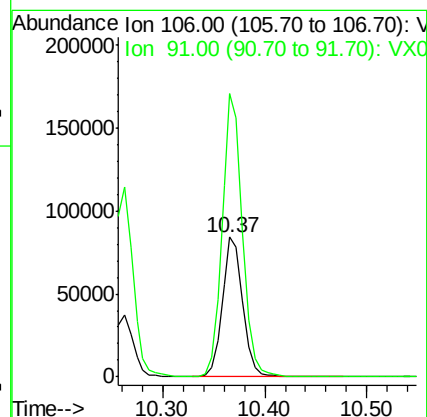
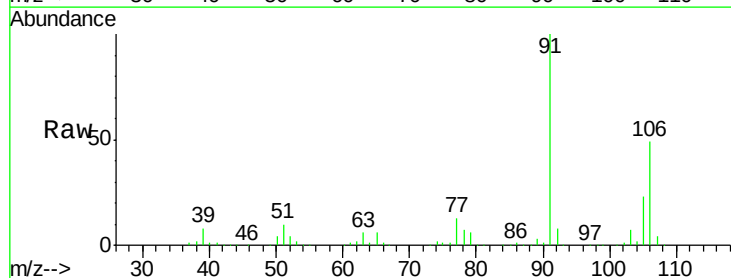
Acq: 09 Feb 2018 16:04

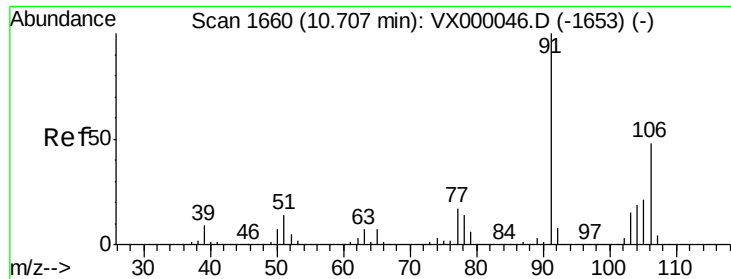
Tgt Ion: 106 Resp: 118024

Ion Ratio Lower Upper

106 100

91 199.9 158.3 237.5





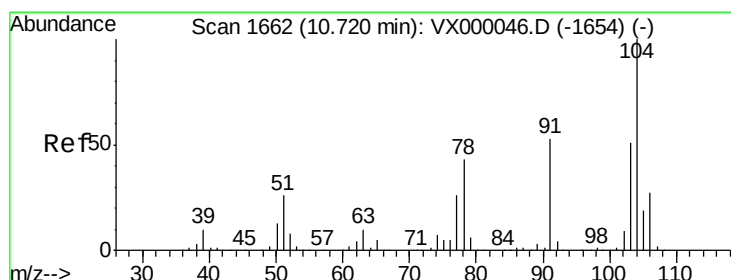
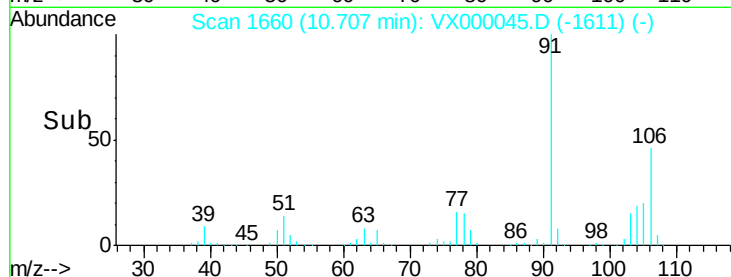
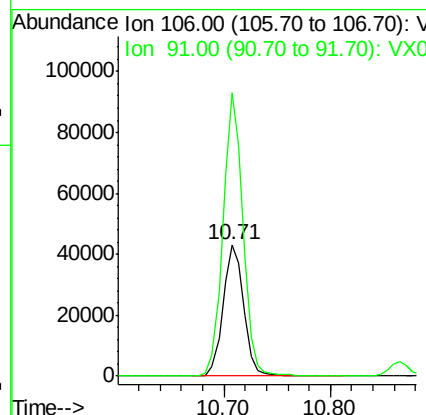
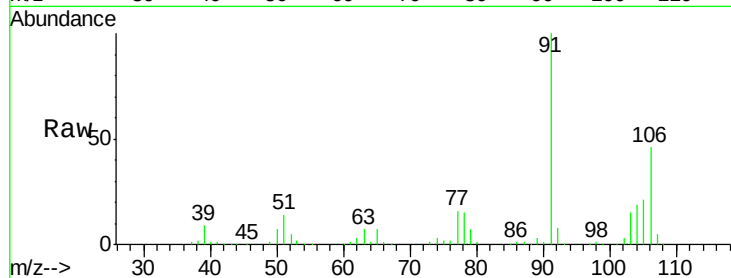
#69
o-Xylene
Concen: 20.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 57564
Ion Ratio Lower Upper
106 100
91 210.7 104.0 312.0

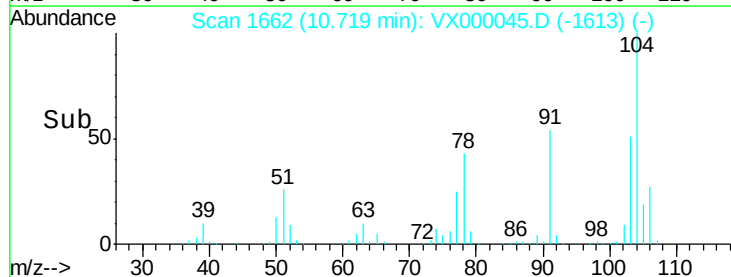
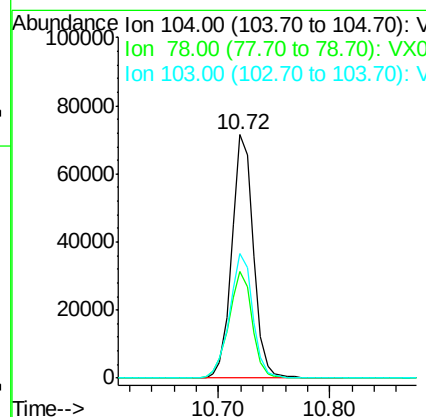
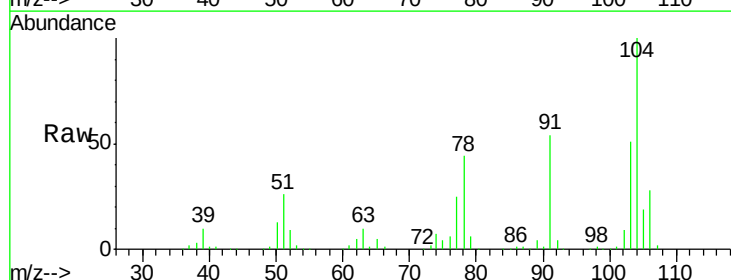
Manual Integrations
APPROVED

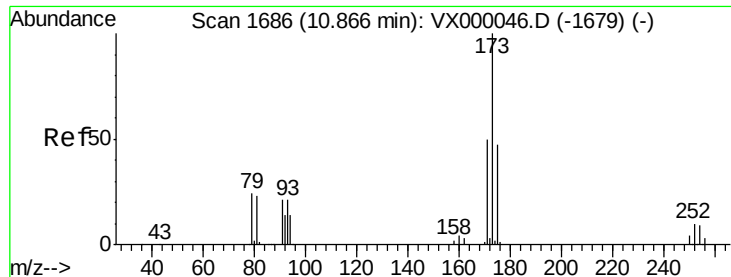
sam
2/14/2018 5:29:31 PM



#70
Styrene
Concen: 20.88 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion:104 Resp: 95702
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 54.8 44.0 66.0





#71

Bromoform

Concen: 20.53 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

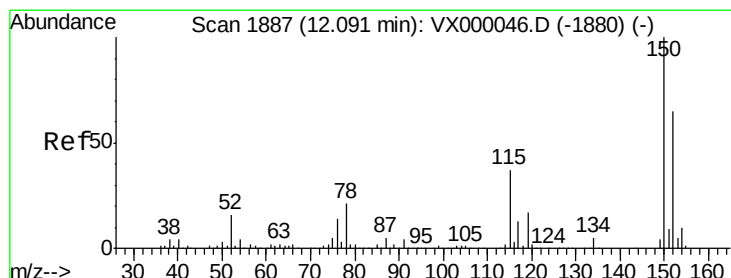
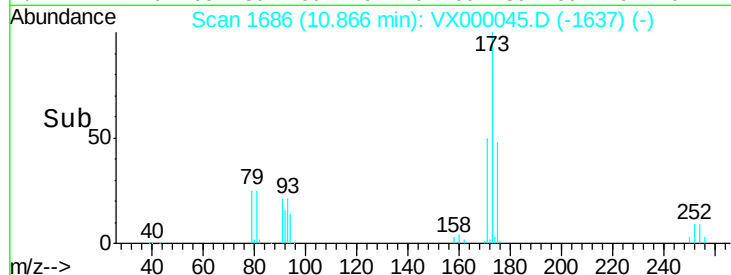
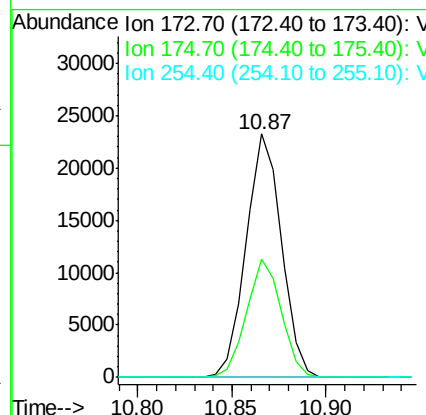
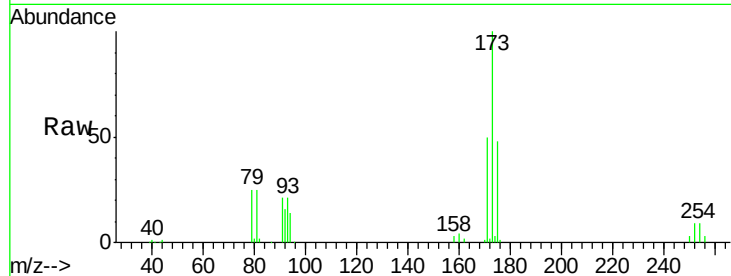
ClientSampled :

VSTDIC020

Tgt Ion:173 Resp: 30247
 Ion Ratio Lower Upper
 173 100
 175 47.6 23.9 71.8
 254 0.0 0.1 0.1#

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:31 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

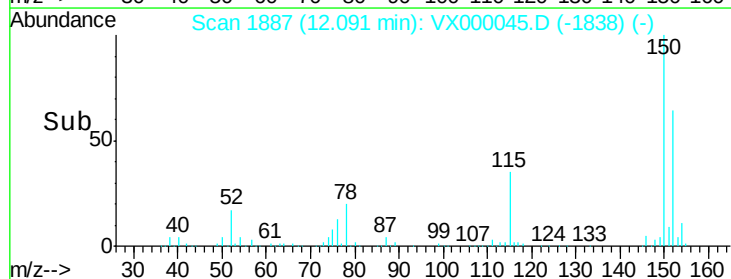
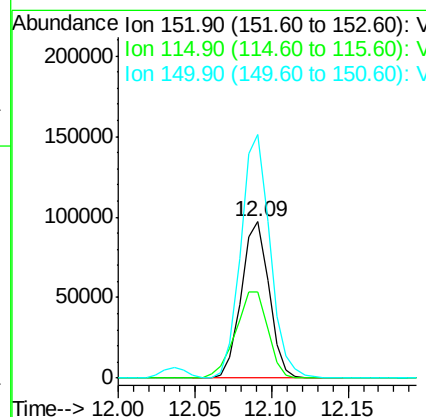
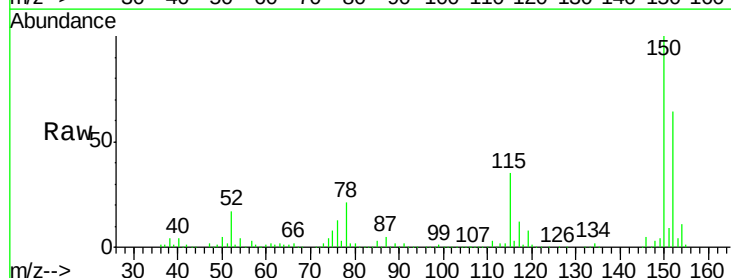
RT: 12.09 min Scan# 1887

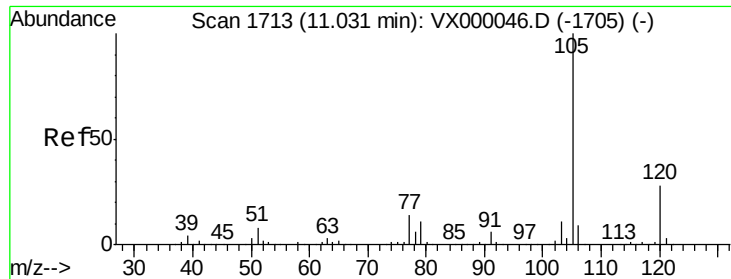
Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion:152 Resp: 122101
 Ion Ratio Lower Upper
 152 100
 115 64.8 39.3 117.8
 150 164.4 0.0 349.2





#73

Isopropylbenzene

Concen: 20.50 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :
VSTDIC020

Tgt Ion: 105 Resp: 154237

Ion Ratio Lower Upper

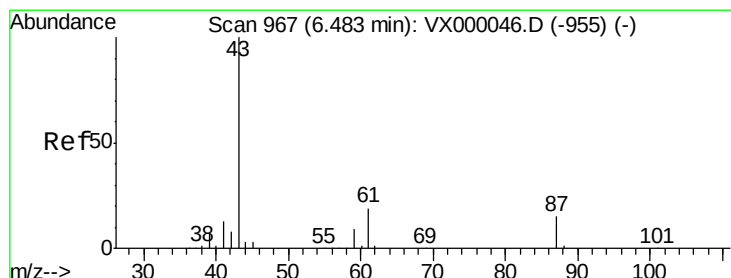
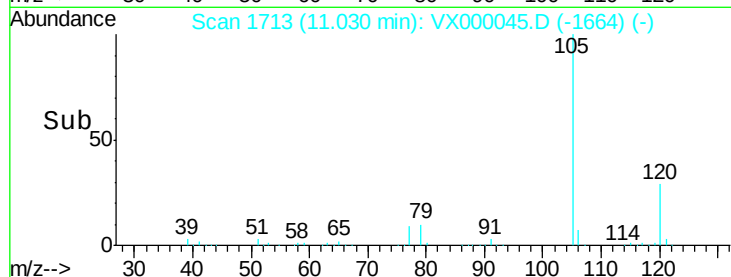
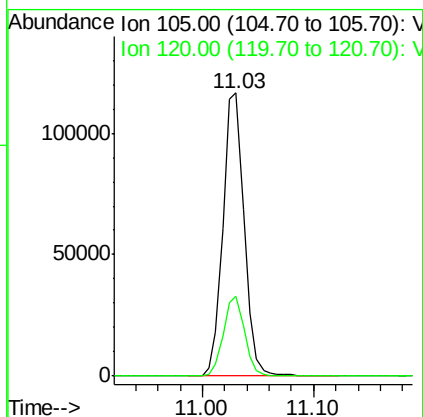
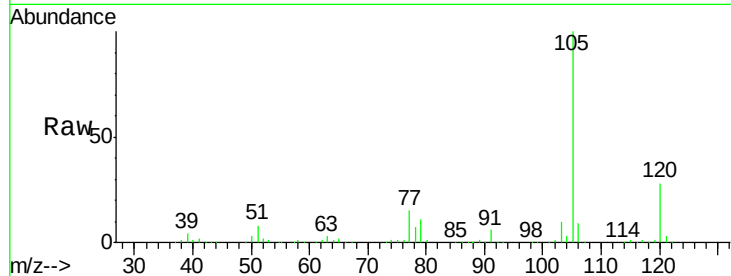
105 100

120 28.1 13.8 41.3

Manual Integrations
APPROVED

sam

2/14/2018 5:29:31 PM



#74

N-ethyl acetate

Concen: 20.19 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion: 43 Resp: 75932

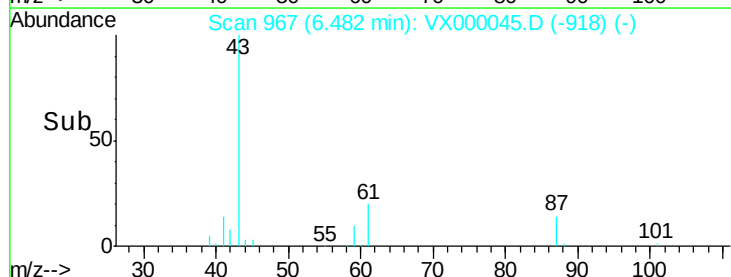
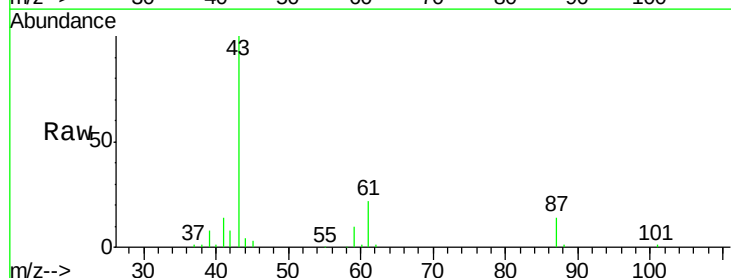
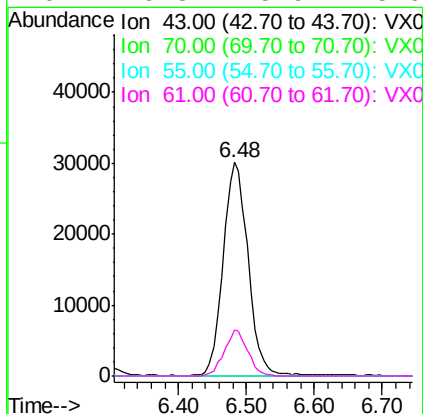
Ion Ratio Lower Upper

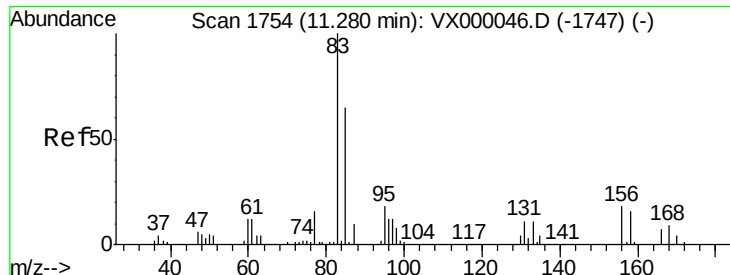
43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 20.3 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.11 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

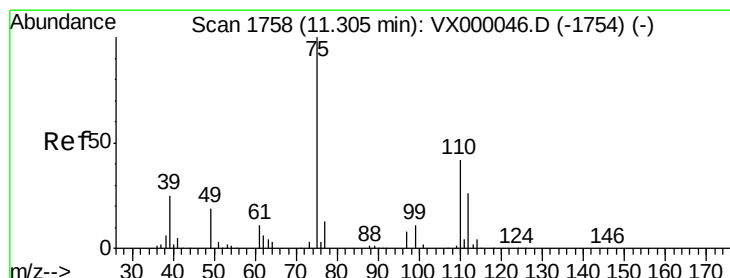
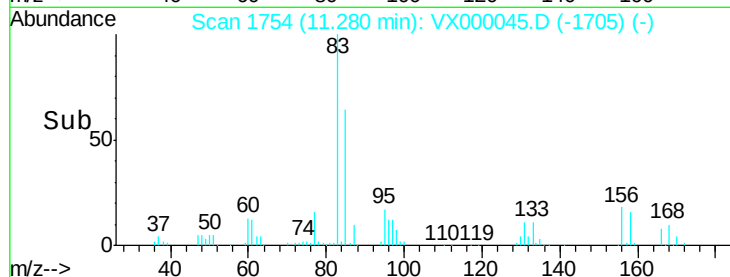
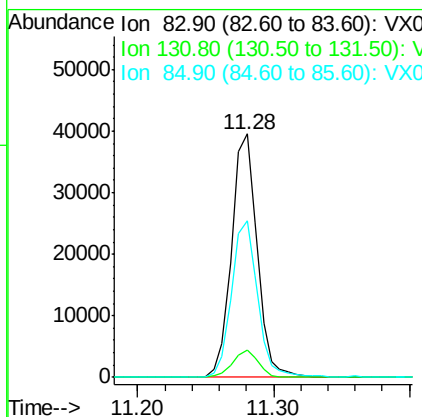
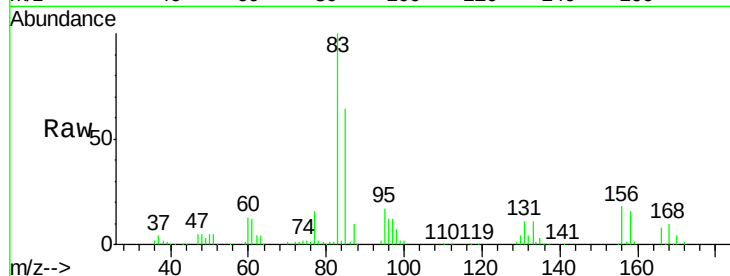
Instrument :

ClientSampled :
VSTDIC020

Tgt Ion:	83	Resp:	51778
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.7
85	65.3	32.6	97.7

Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM



#76

1,2,3-Trichloropropane

Concen: 20.05 ug/l m

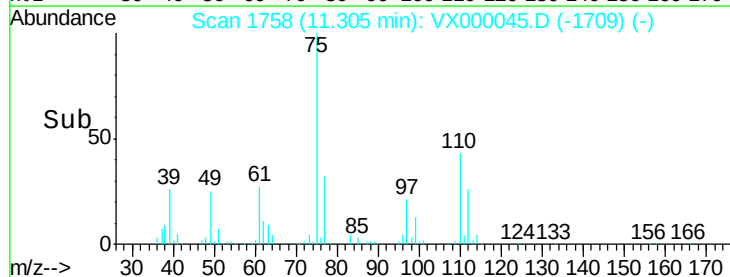
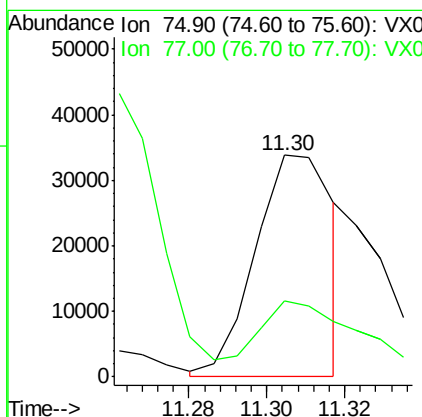
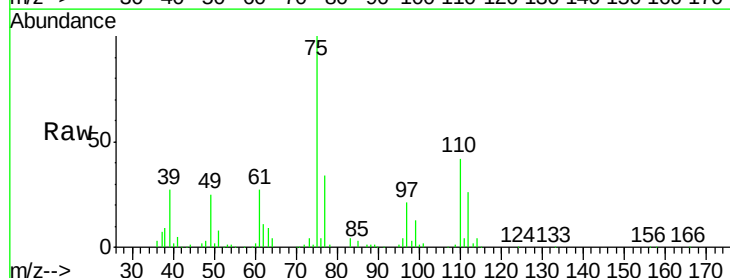
RT: 11.30 min Scan# 1758

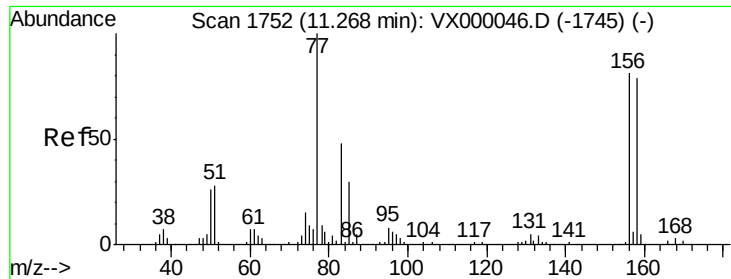
Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion:	75	Resp:	46761
Ion	Ratio	Lower	Upper
75	100		
77	45.5	23.7	71.1





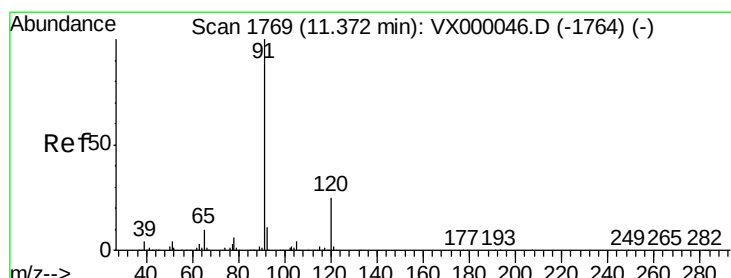
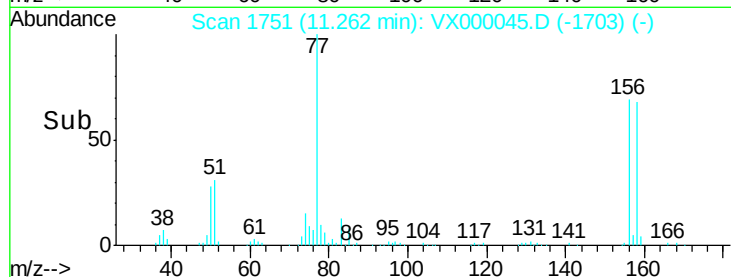
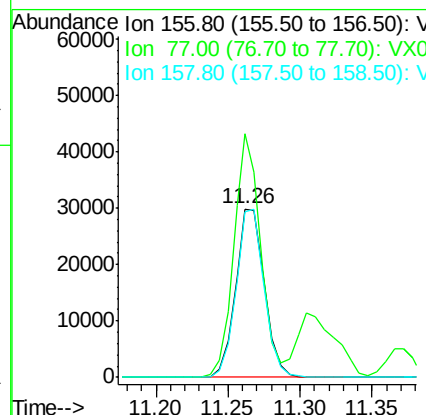
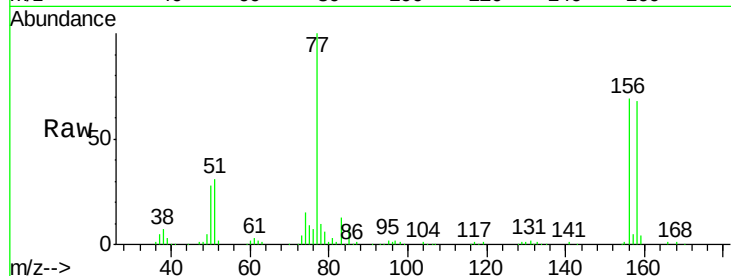
#77
Bromobenzene
Concen: 20.77 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
156	100		
77	134.3	66.2	198.6
158	97.0	48.6	145.9

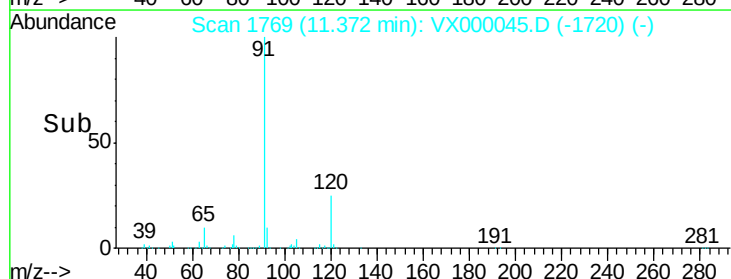
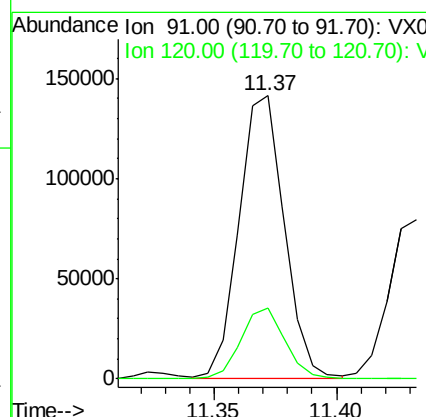
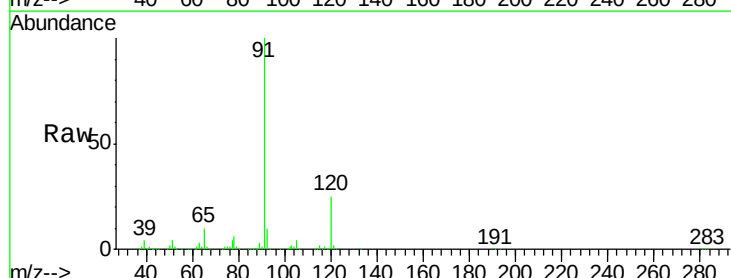
Manual Integrations
APPROVED

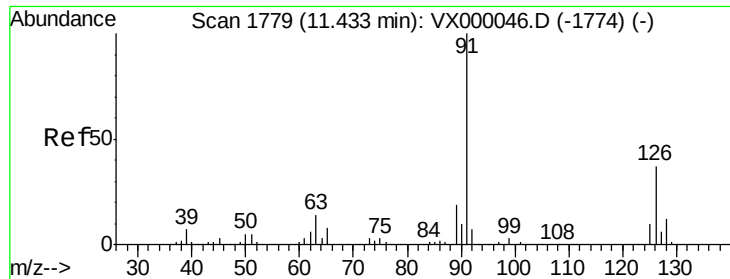
sam
2/14/2018 5:29:31 PM



#78
n-propylbenzene
Concen: 20.83 ug/l
RT: 11.37 min Scan# 1769
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.2	36.6





#79

2-Chlorotoluene

Concen: 20.87 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

Tgt Ion: 91 Resp: 103583

Ion Ratio Lower Upper

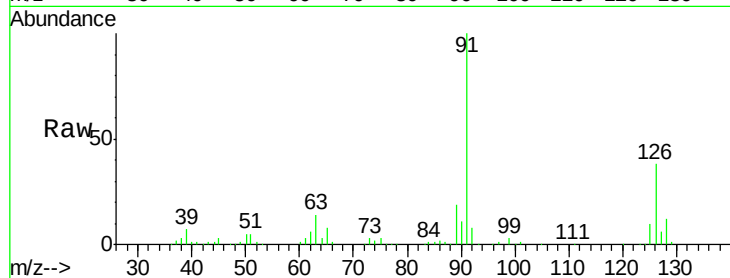
91 100

126 37.1 18.2 54.6

Manual Integrations
APPROVED

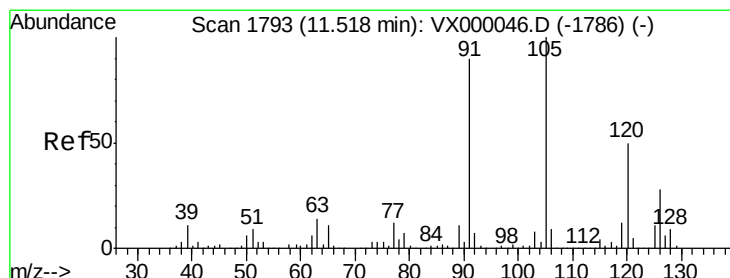
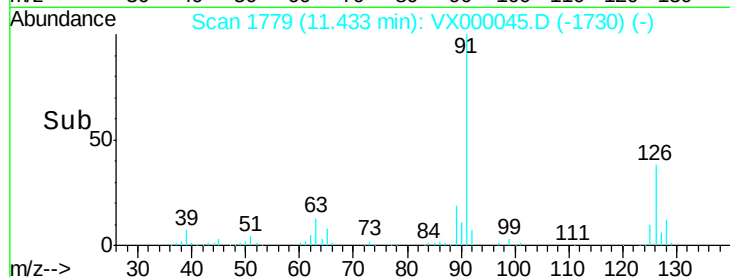
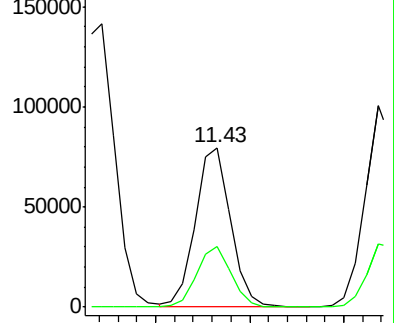
sam

2/14/2018 5:29:31 PM



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

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



#80

1,3,5-Trimethylbenzene

Concen: 20.68 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000045.D

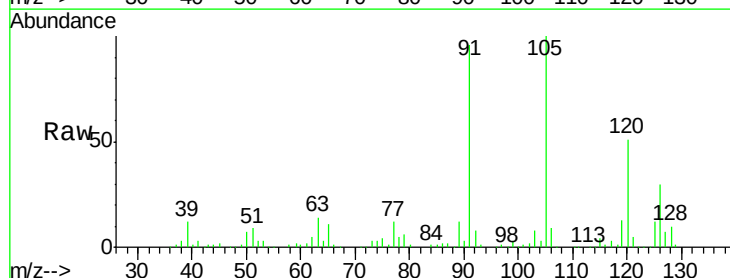
Acq: 09 Feb 2018 16:04

Tgt Ion: 105 Resp: 131079

Ion Ratio Lower Upper

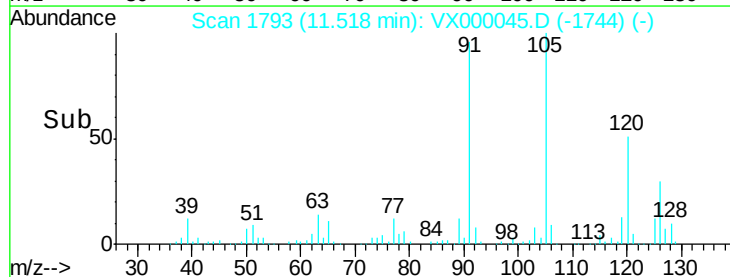
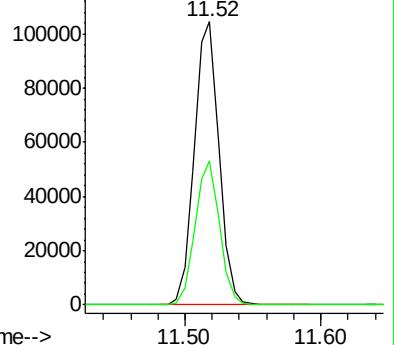
105 100

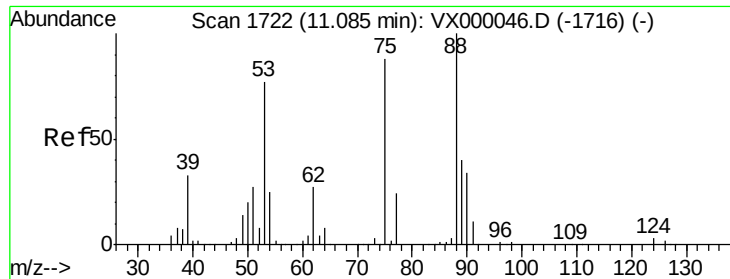
120 49.9 24.8 74.3



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

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





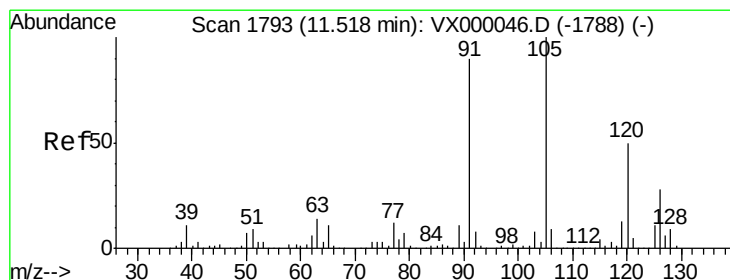
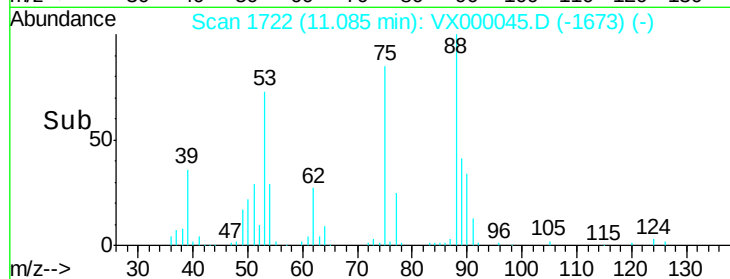
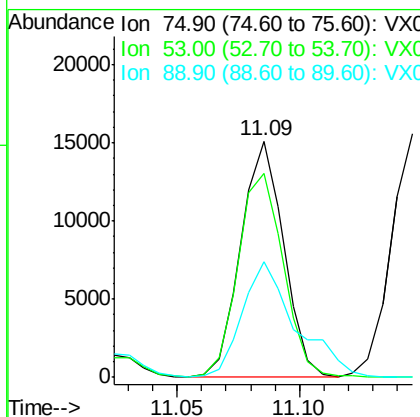
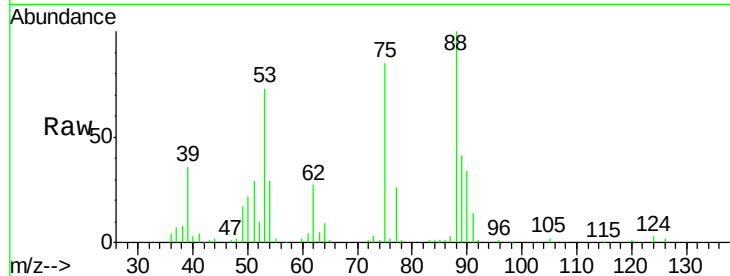
#81
trans-1,4-Dichloro-2-butene
Concen: 21.92 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.4	70.3	105.5
89	61.2	48.6	72.8

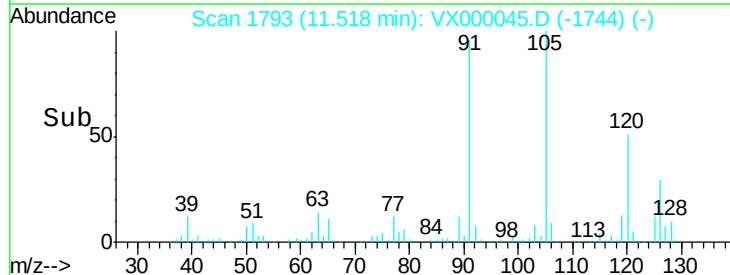
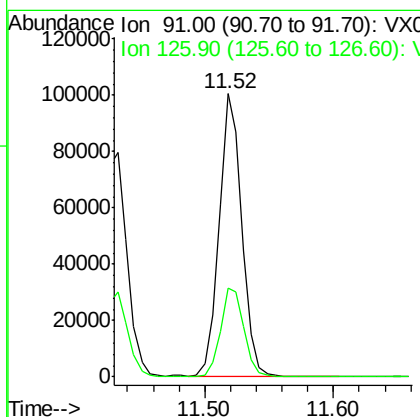
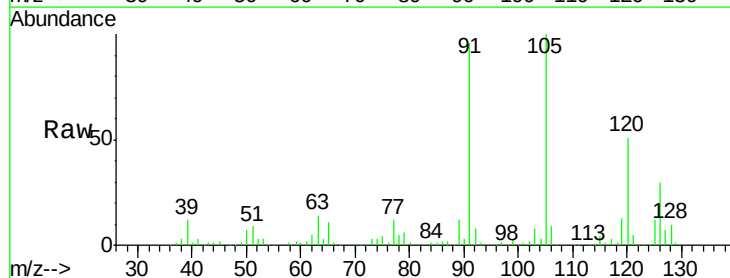
Manual Integrations
APPROVED

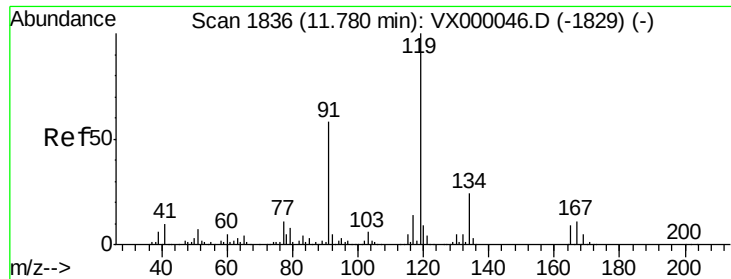
sam
2/14/2018 5:29:31 PM



#82
4-Chlorotoluene
Concen: 20.82 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.3	48.8





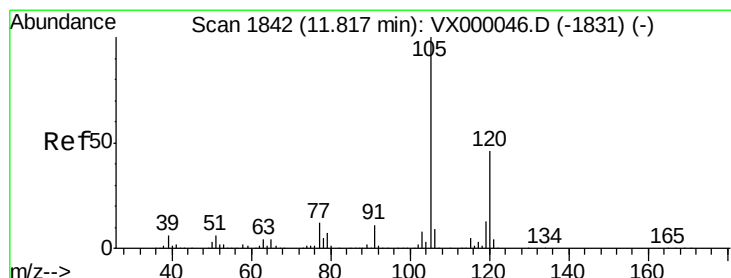
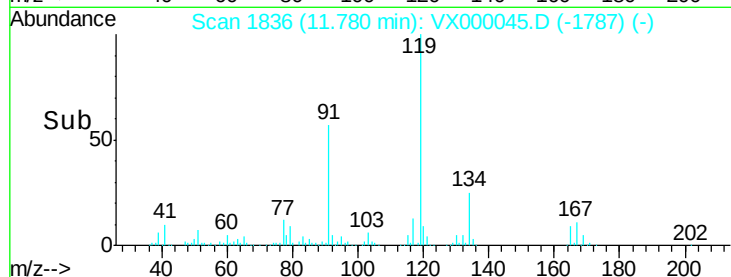
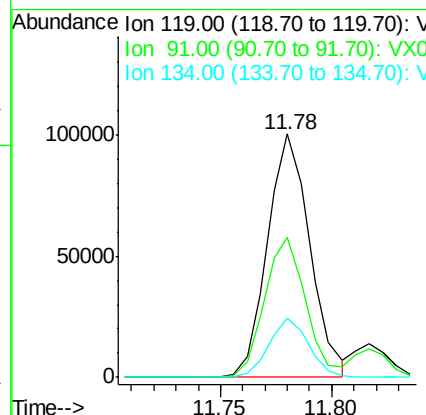
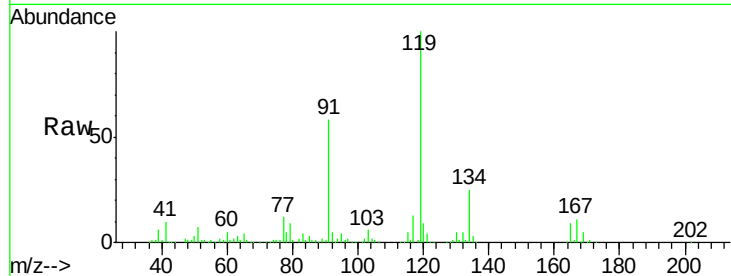
#83
 tert-Butylbenzene
 Concen: 20.79 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	133108		
91	56.1	27.9	83.7	
134	22.9	11.7	35.1	

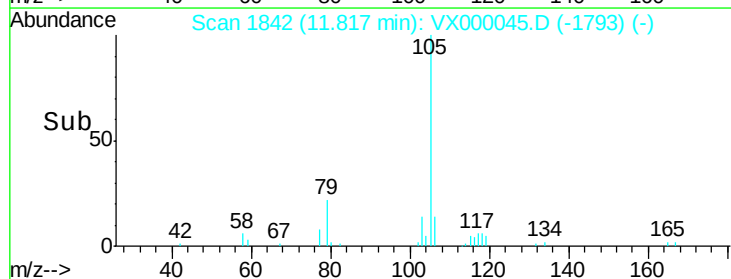
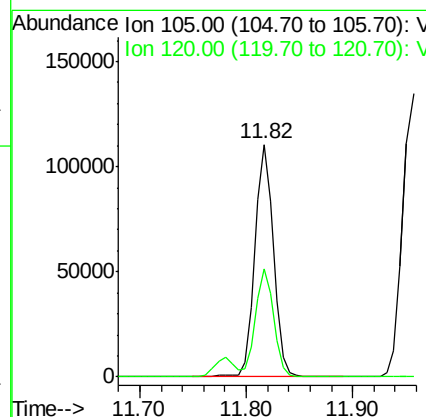
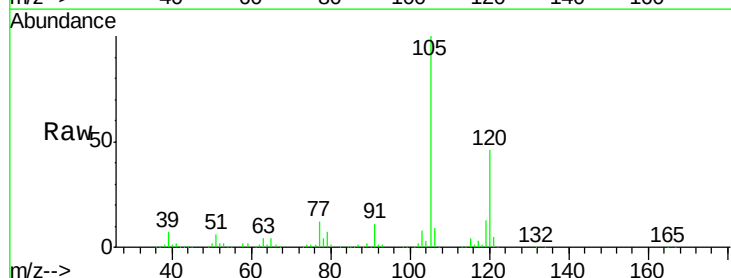
Manual Integrations
 APPROVED

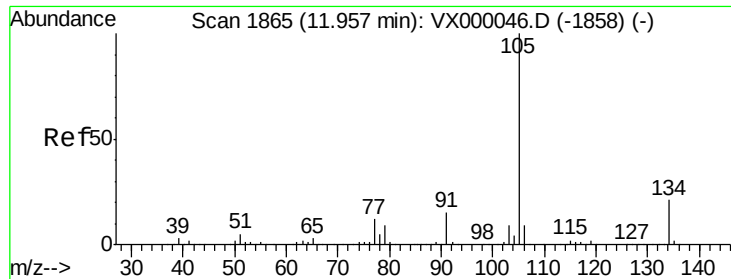
sam
 2/14/2018 5:29:31 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.79 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	135769		
120	46.1	23.4	70.2	





#85

sec-Butylbenzene

Concen: 20.99 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :
VSTDIC020

Tgt Ion:105 Resp: 165066

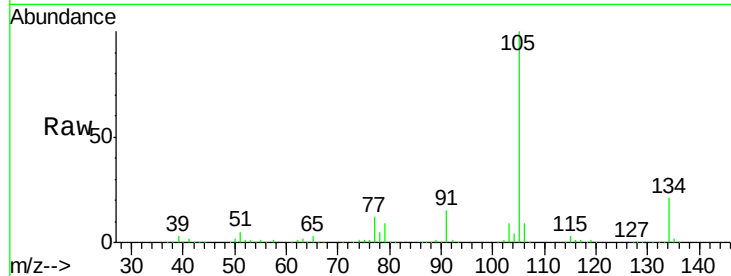
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

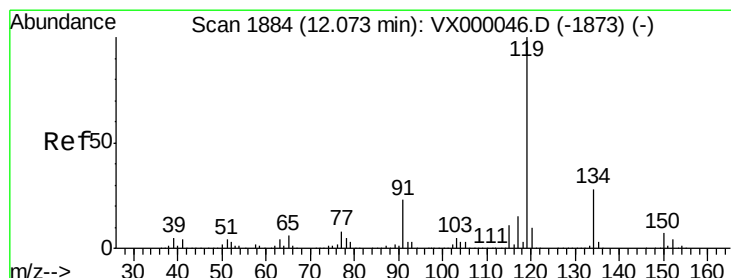
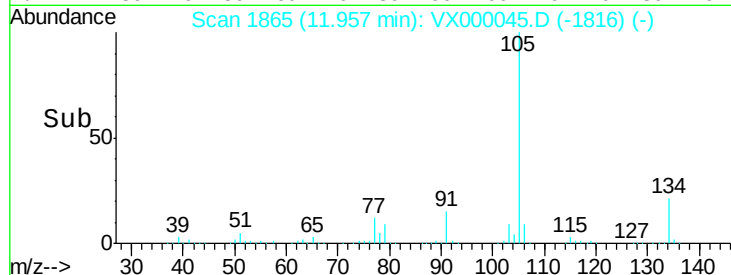
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.81 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

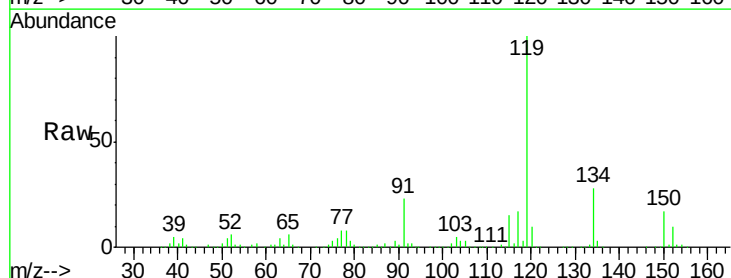
Tgt Ion:119 Resp: 147495

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 23.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

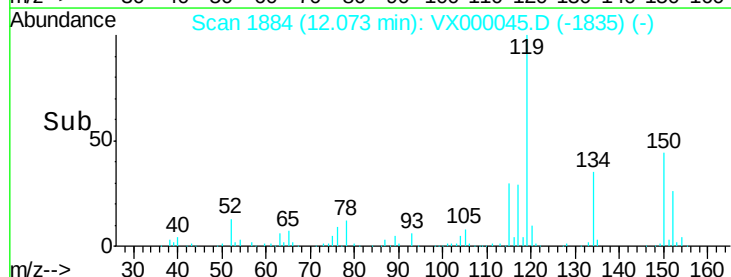
150000

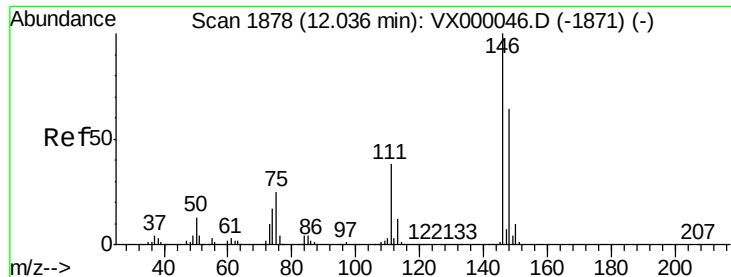
100000

50000

0

Time-->





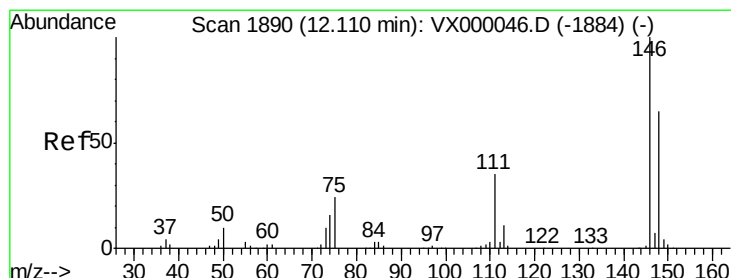
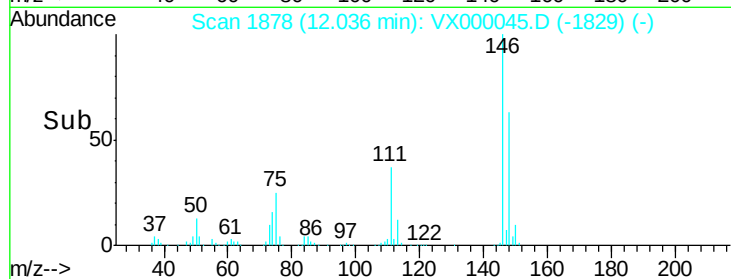
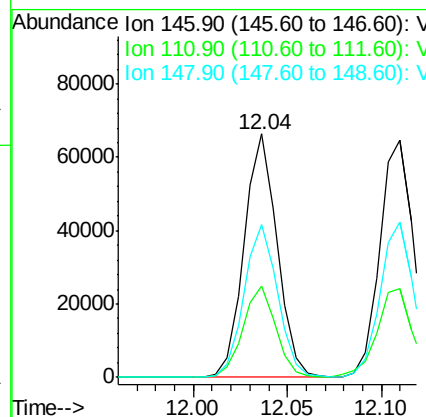
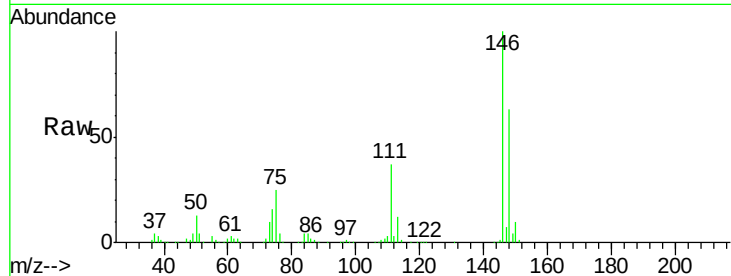
#87
 1,3-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	63.7	31.8	95.4

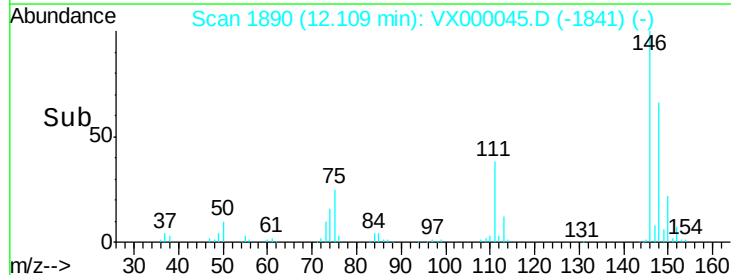
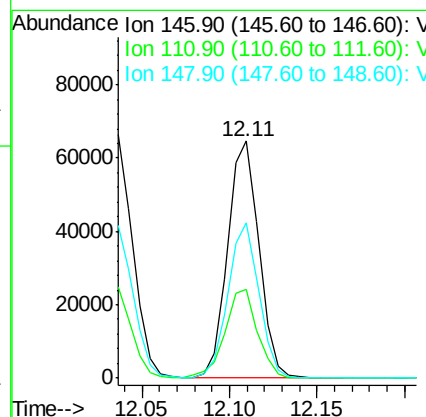
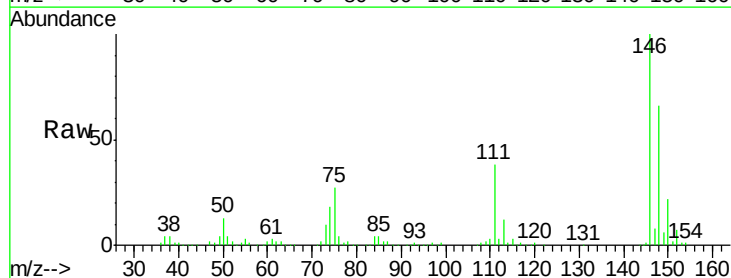
Manual Integrations
 APPROVED

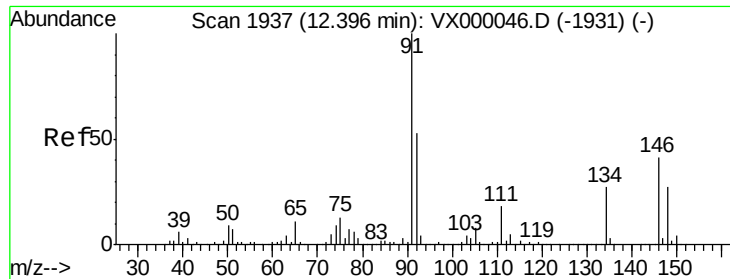
sam
 2/14/2018 5:29:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.40 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.7	56.1
148	64.9	32.1	96.5





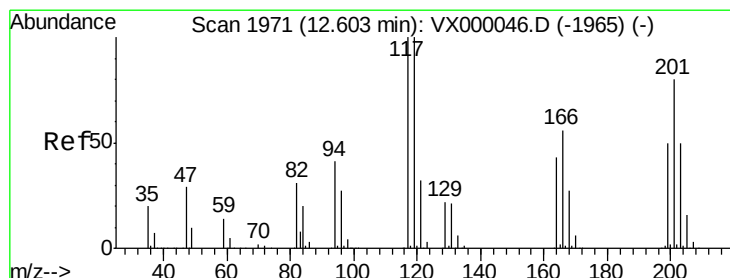
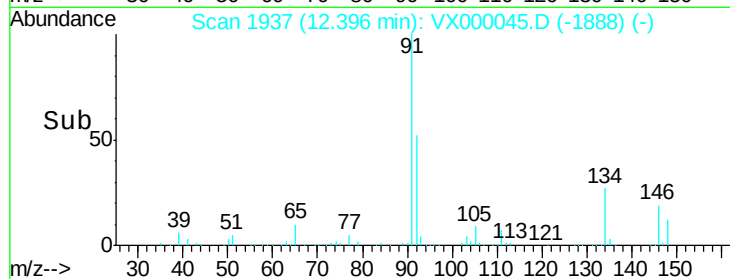
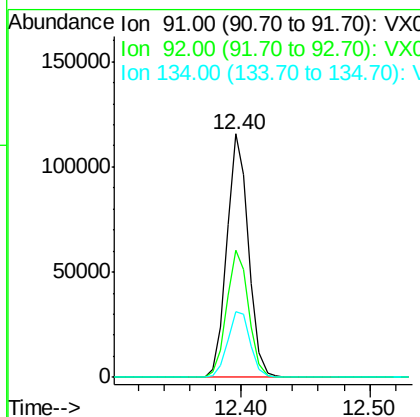
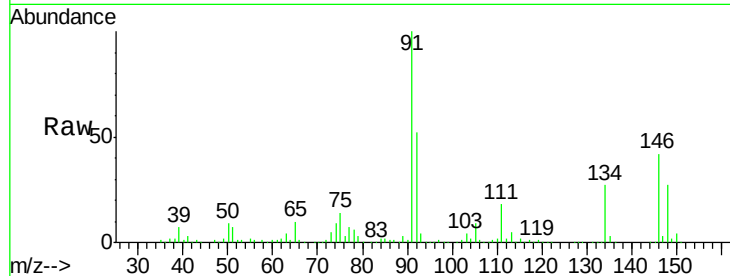
#89
n-Butylbenzene
Concen: 20.61 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.1	78.2
134	28.4	14.1	42.2

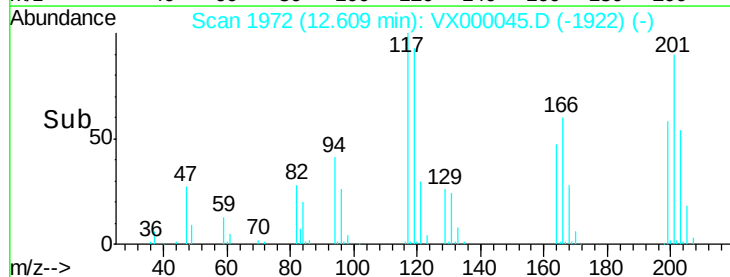
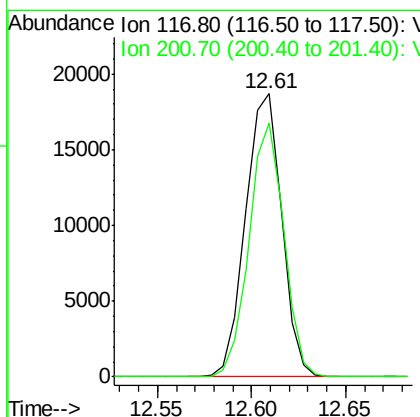
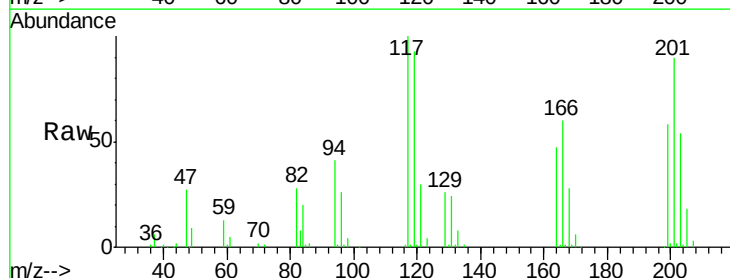
Manual Integrations
APPROVED

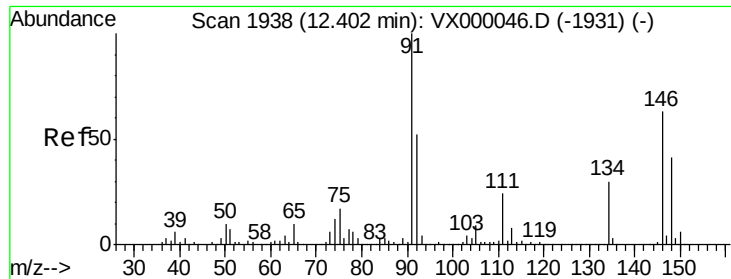
sam
2/14/2018 5:29:31 PM



#90
Hexachloroethane
Concen: 21.89 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	43.5	130.7





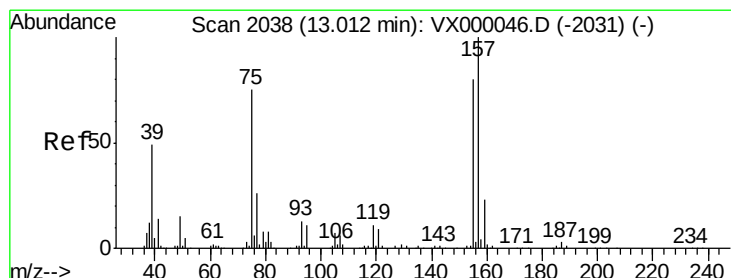
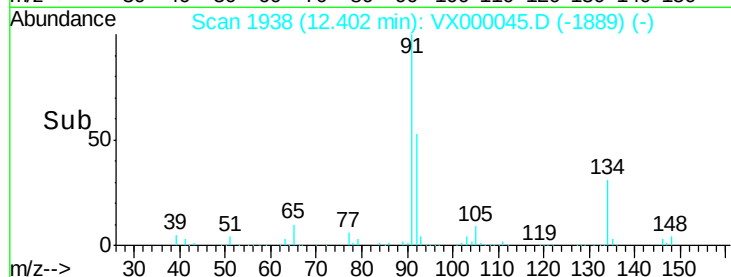
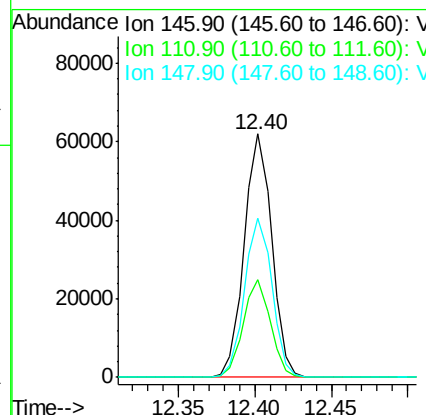
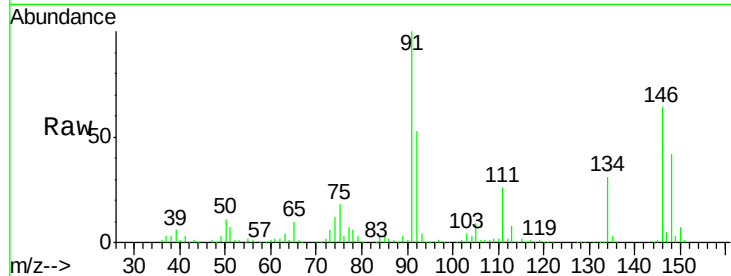
#91
1,2-Dichlorobenzene
Concen: 20.40 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	65.3	32.0	96.2

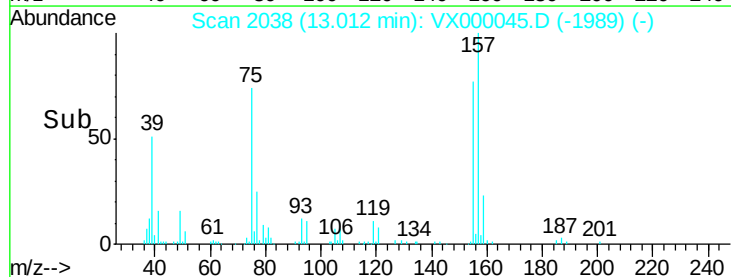
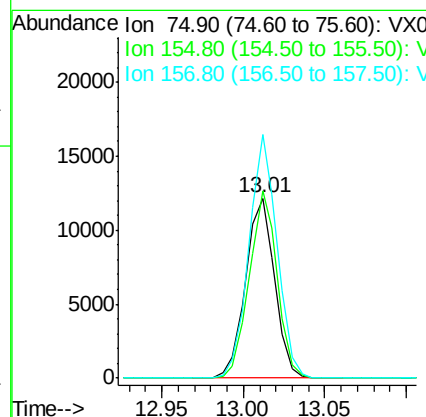
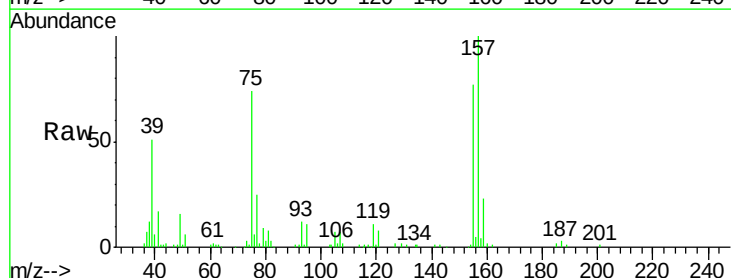
Manual Integrations
APPROVED

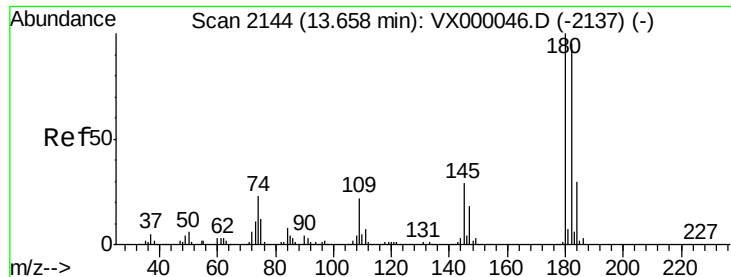
sam
2/14/2018 5:29:31 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.01 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.2	52.0	156.0
157	130.3	65.3	195.9





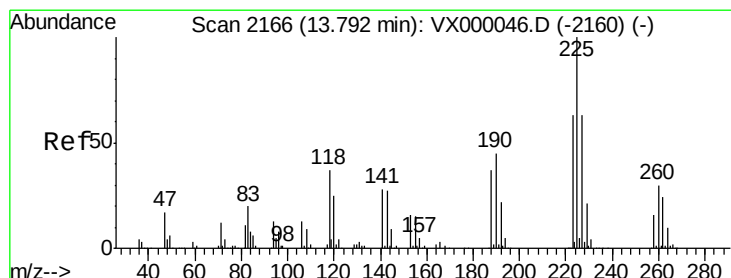
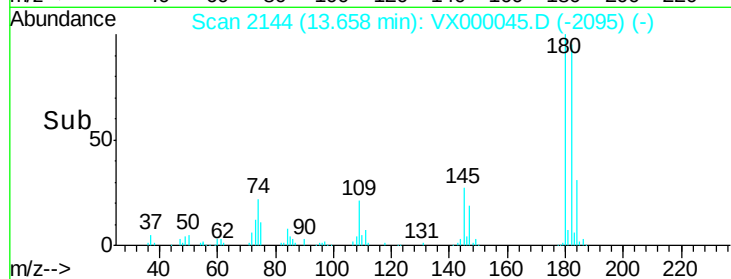
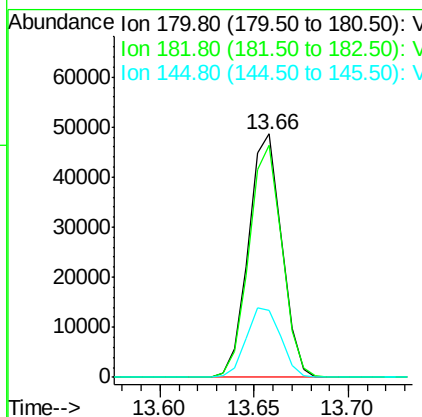
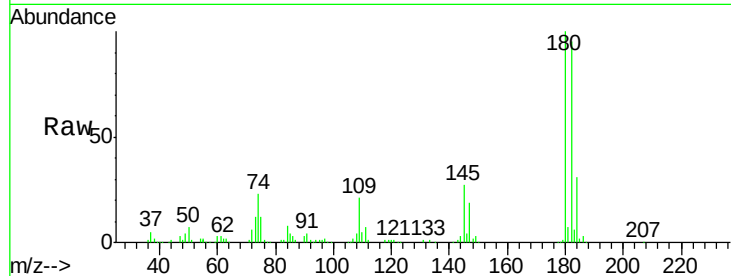
#93
 1,2,4-Trichlorobenzene
 Concen: 20.36 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.0
145	29.6	14.7	44.1

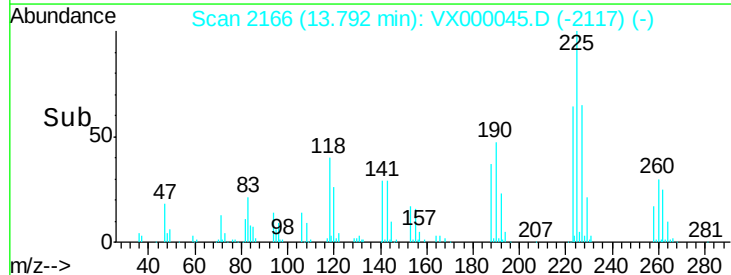
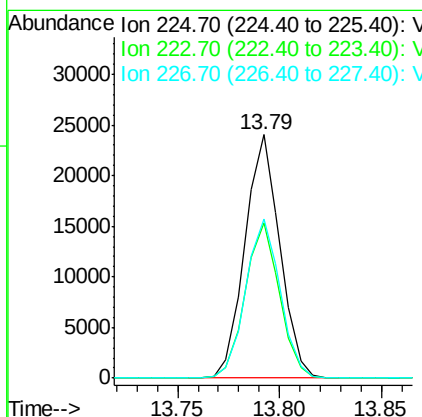
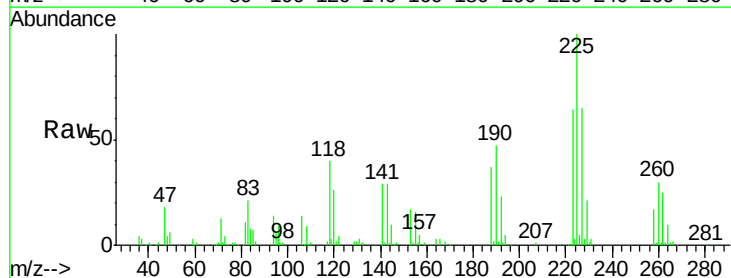
Manual Integrations
 APPROVED

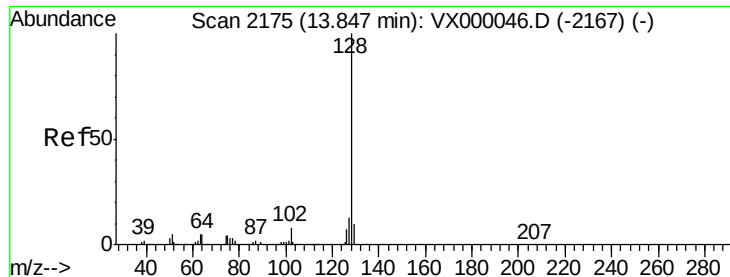
sam
 2/14/2018 5:29:31 PM



#94
 Hexachlorobutadiene
 Concen: 21.27 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.9	95.5
227	64.9	31.6	95.0





#95

Naphthalene

Concen: 19.78 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

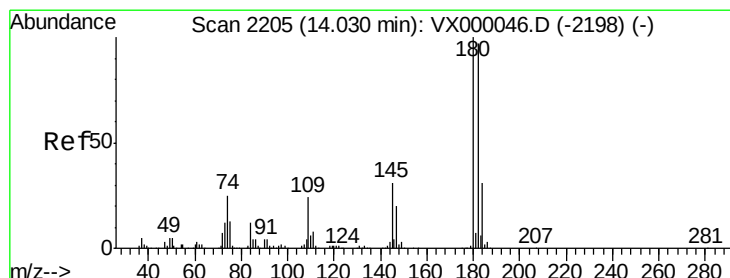
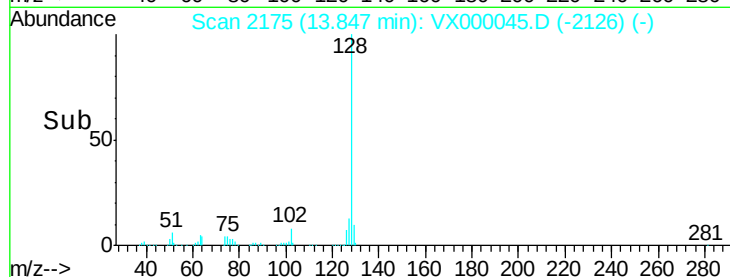
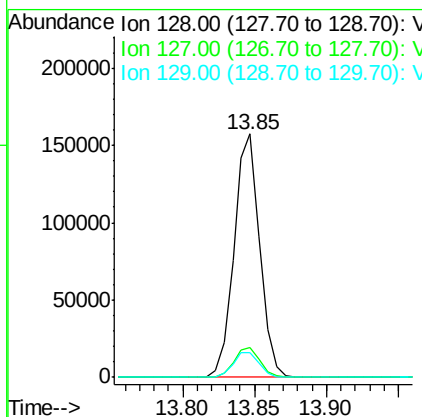
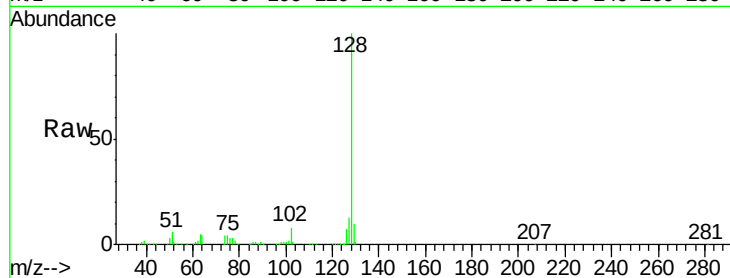
ClientSampled :

VSTDIC020

Tgt Ion:	128	Resp:	194648
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

sam
2/14/2018 5:29:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.42 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion:	180	Resp:	58605
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.7
145	31.6	15.7	47.0

