

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003207.D
 Acq On : 06 Jul 2018 07:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:53 PM

Quant Time: Jul 06 11:59:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160208	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.51	113	135648	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.72	98	471401	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
62) 4-Bromofluorobenzene	11.14	95	183499	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	123277	54.20	ug/l	99
3) Chloromethane	1.32	50	126199	53.49	ug/l	99
4) Vinyl Chloride	1.40	62	148132	51.39	ug/l	99
5) Bromomethane	1.64	94	44516	32.11	ug/l	99
6) Chloroethane	1.71	64	94285	56.01	ug/l	100
7) Trichlorofluoromethane	1.92	101	228228	46.94	ug/l	99
8) Diethyl Ether	2.19	74	88119	49.85	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131176	46.56	ug/l	96
10) Methyl Iodide	2.51	142	163446	56.31	ug/l	97
11) Tert butyl alcohol	3.09	59	179987	256.46	ug/l	97
12) 1,1-Dichloroethene	2.37	96	123402	49.09	ug/l	93
13) Acrolein	2.29	56	94684	243.46	ug/l	100
14) Allyl chloride	2.73	41	223066	45.02	ug/l	94
15) Acrylonitrile	3.15	53	400088	266.89	ug/l	99
16) Acetone	2.45	43	366910	251.48	ug/l	93
17) Carbon Disulfide	2.57	76	320868	47.91	ug/l	99
18) Methyl Acetate	2.78	43	211154	51.76	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	444599	49.20	ug/l	98
20) Methylene Chloride	2.86	84	141158	49.72	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	132894	48.54	ug/l	95
22) Diisopropyl ether	3.88	45	463519	48.94	ug/l	96
23) Vinyl Acetate	3.83	43	1947918	242.87	ug/l	98
24) 1,1-Dichloroethane	3.70	63	252249	49.00	ug/l	99
25) 2-Butanone	4.72	43	614012	283.57	ug/l	95
26) 2,2-Dichloropropane	4.59	77	77247	18.45	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	160184	52.18	ug/l	88
28) Bromochloromethane	5.03	49	116245	47.17	ug/l	89
29) Tetrahydrofuran	5.17	42	398386	286.91	ug/l	96
30) Chloroform	5.22	83	274774	52.01	ug/l	98
31) Cyclohexane	5.57	56	225477	51.03	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	242378	52.14	ug/l	98
36) 1,1-Dichloropropene	5.80	75	195510	49.92	ug/l	98
37) Ethyl Acetate	4.87	43	232494	55.13	ug/l	98
38) Carbon Tetrachloride	5.78	117	217232	50.54	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003207.D
 Acq On : 06 Jul 2018 07:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:53 PM

Quant Time: Jul 06 11:59:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220417	48.32	ug/l	97
40) Benzene	6.15	78	590942	51.93	ug/l	99
41) Methacrylonitrile	5.07	41	131591	54.19	ug/l	96
42) 1,2-Dichloroethane	6.21	62	226185	49.21	ug/l	99
43) Isopropyl Acetate	6.48	43	363660	51.42	ug/l	97
44) Trichloroethene	7.21	130	172274	50.78	ug/l	100
45) 1,2-Dichloropropane	7.52	63	152099	50.39	ug/l	99
46) Dibromomethane	7.67	93	107756	51.44	ug/l	96
47) Bromodichloromethane	7.90	83	201762	52.10	ug/l	99
48) Methyl methacrylate	7.79	41	189359	51.96	ug/l	94
49) 1,4-Dioxane	7.76	88	82687	1166.31	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1228302	277.60	ug/l	97
52) Toluene	8.79	92	385735	52.91	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	209347	47.73	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	192308	45.57	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	159261	53.17	ug/l	99
56) Ethyl methacrylate	9.19	69	241036	55.06	ug/l	92
57) 1,3-Dichloropropane	9.38	76	258548	52.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545390	258.22	ug/l	97
59) 2-Hexanone	9.51	43	938665	279.13	ug/l	95
60) Dibromochloromethane	9.59	129	172472	54.69	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169849	54.06	ug/l	100
64) Tetrachloroethene	9.34	164	213604	56.79	ug/l	99
65) Chlorobenzene	10.14	112	438833	51.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	168594	54.02	ug/l	99
67) Ethyl Benzene	10.26	91	735707	51.84	ug/l	100
68) m/p-Xylenes	10.36	106	581451	106.31	ug/l	97
69) o-Xylene	10.70	106	282674	53.08	ug/l	98
70) Styrene	10.71	104	477250	55.15	ug/l	98
71) Bromoform	10.86	173	139308	49.45	ug/l	99
73) Isopropylbenzene	11.02	105	768353	52.38	ug/l	100
74) N-amyl acetate	6.48	43	363660	50.67	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	238024	52.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	207670m	52.58	ug/l	
77) Bromobenzene	11.26	156	217022	51.96	ug/l	95
78) n-propylbenzene	11.37	91	854789	51.20	ug/l	99
79) 2-Chlorotoluene	11.43	91	513448	50.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	644760	52.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	49815	37.50	ug/l	96
82) 4-Chlorotoluene	11.51	91	600155	50.15	ug/l	98
83) tert-Butylbenzene	11.77	119	620289	50.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	671922	52.49	ug/l	97
85) sec-Butylbenzene	11.95	105	752902	50.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	680721	51.26	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	388837	50.97	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	389052	49.55	ug/l	99
89) n-Butylbenzene	12.39	91	543599	47.03	ug/l	98
90) Hexachloroethane	12.60	117	104657	52.99	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	392780	51.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55775	54.91	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003207.D
Acq On : 06 Jul 2018 07:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

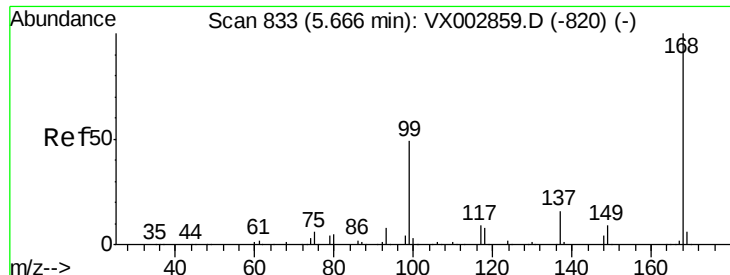
Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM

Quant Time: Jul 06 11:59:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296036	52.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	141200	50.52	ug/l	98
95) Naphthalene	13.84	128	850857	57.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302161	53.98	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tot Ion: 168 Resp: 254886

Ion Ratio Lower Upper

168 100

99 48.0 39.3 58.9

Instrument :

MSVOA_X

ClientSampleId :

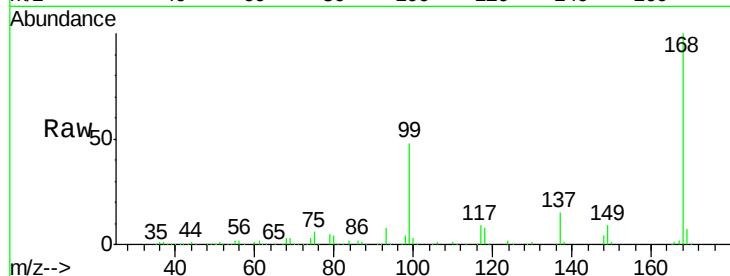
VSTDCCC050EC

Manual Integrations

APPROVED

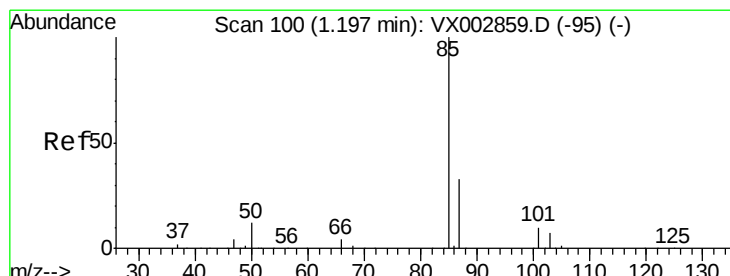
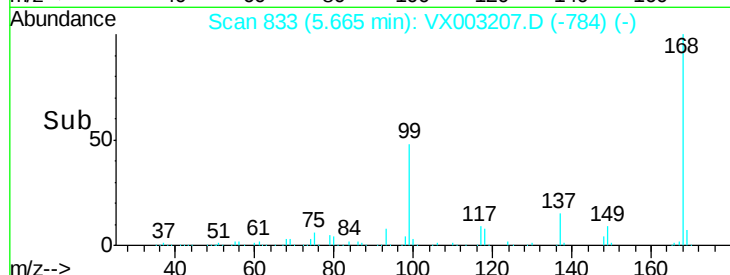
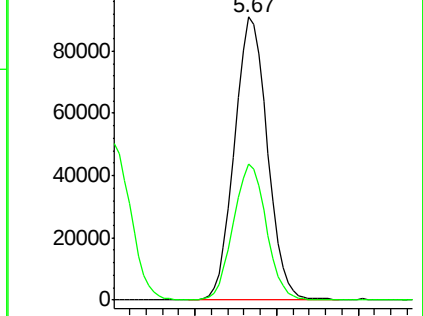
sam

7/6/2018 4:20:53 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003207.D

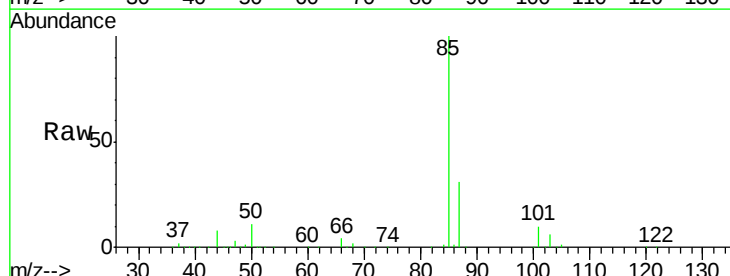
Acq: 06 Jul 2018 07:41

Tgt Ion: 85 Resp: 123277

Ion Ratio Lower Upper

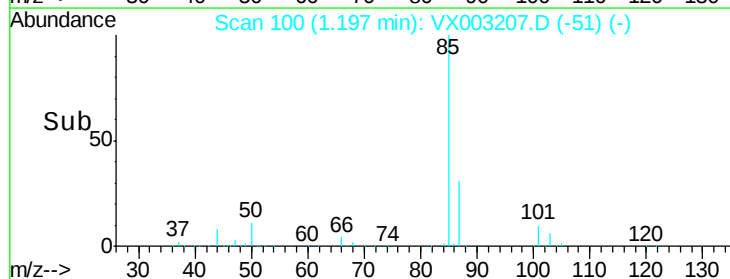
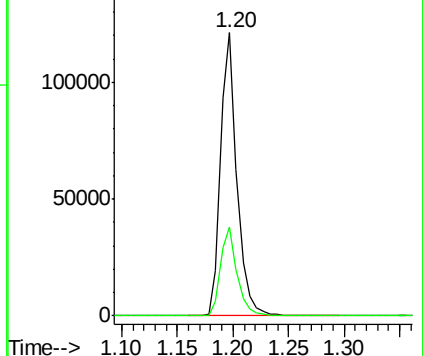
85 100

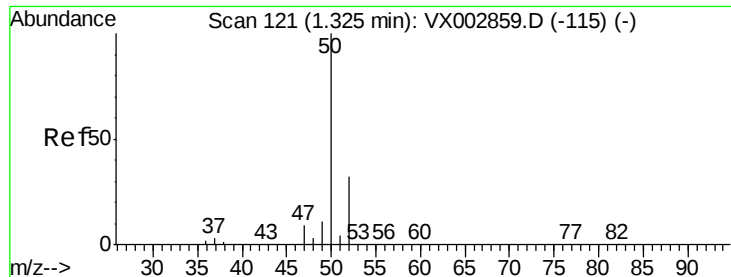
87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 126199

Ion Ratio Lower Upper

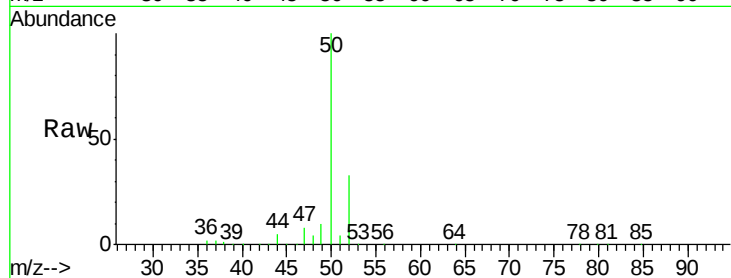
50 100

52 32.6 25.7 38.5

Manual Integrations
APPROVED

sam

7/6/2018 4:20:53 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

60000

40000

20000

0

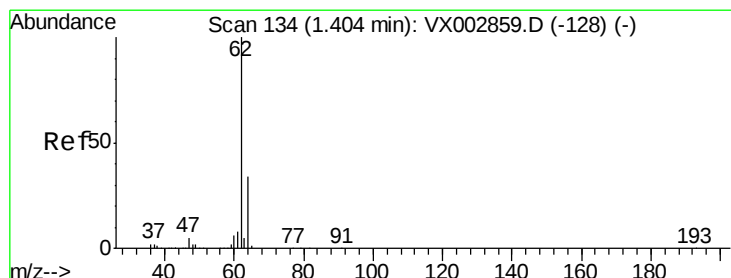
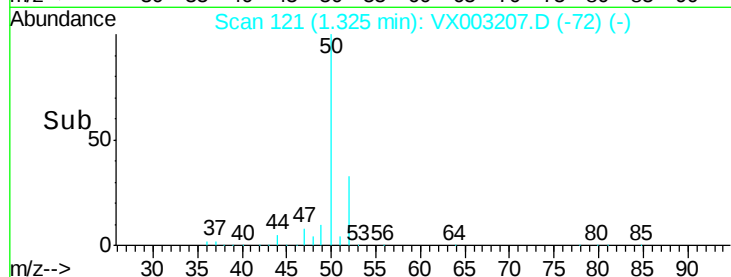
1.25

1.30

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 51.39 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003207.D

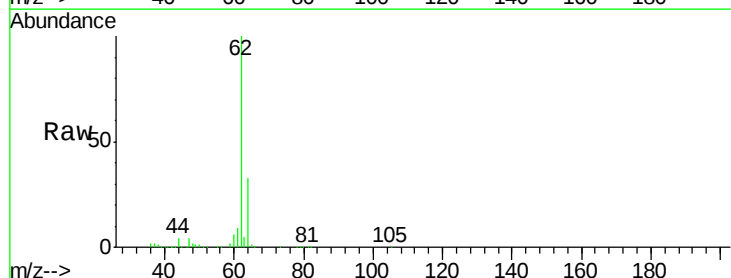
Acq: 06 Jul 2018 07:41

Tgt Ion: 62 Resp: 148132

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

150000

100000

50000

0

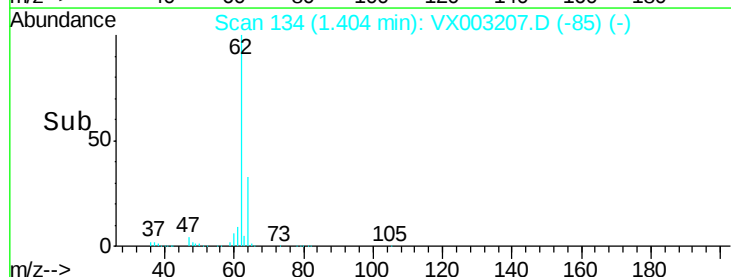
1.35

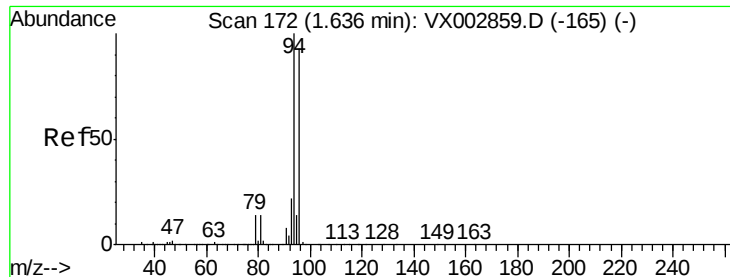
1.40

1.45

1.50

Time-->





#5

Bromomethane

Concen: 32.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 44516

Ion Ratio Lower Upper

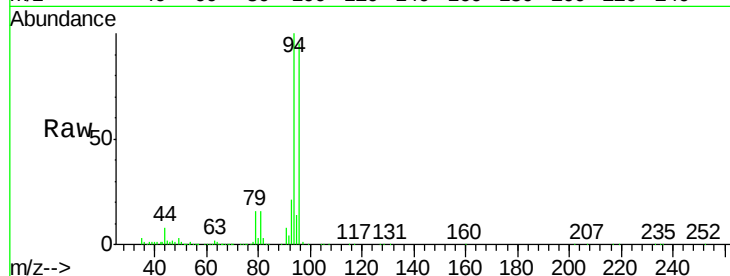
94 100

96 94.4 74.9 112.3

Manual Integrations
APPROVED

sam

7/6/2018 4:20:53 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

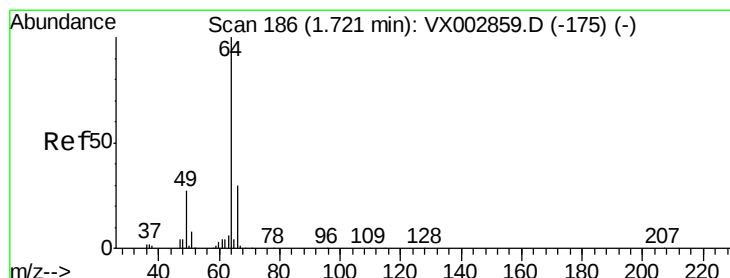
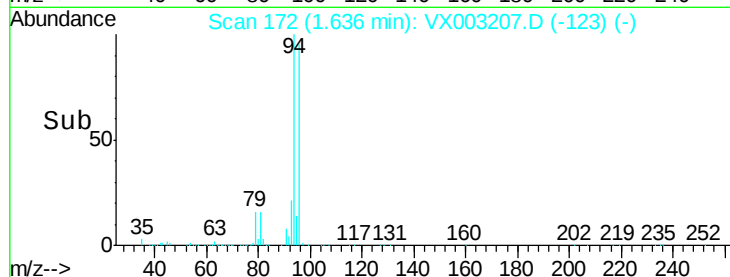
30000

20000

10000

0

Time--> 1.50 1.60 1.70 1.80



#6

Chloroethane

Concen: 56.01 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003207.D

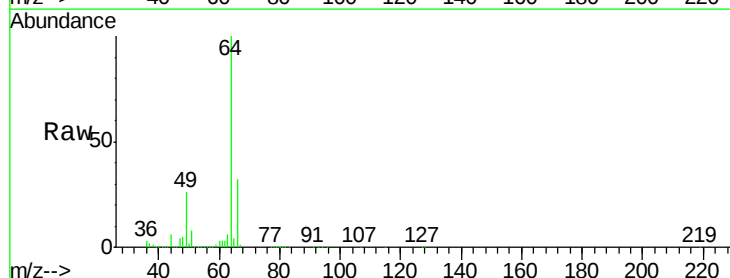
Acq: 06 Jul 2018 07:41

Tgt Ion: 64 Resp: 94285

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

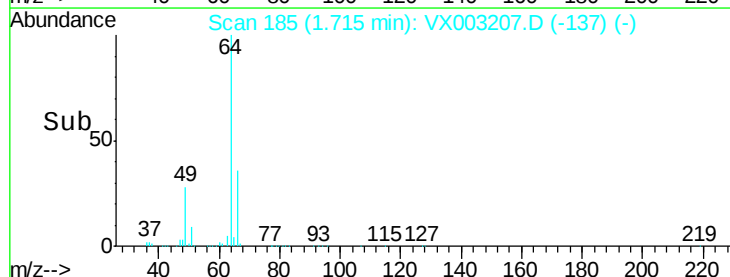
60000

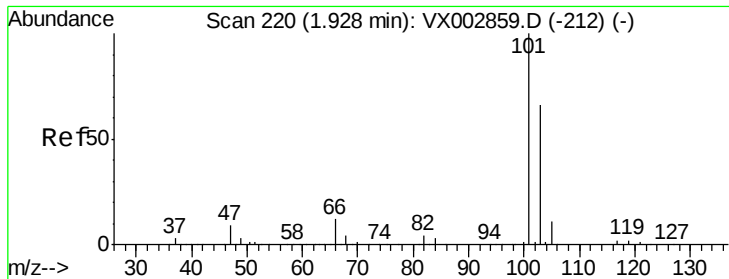
40000

20000

0

Time--> 1.60 1.70 1.80





#7

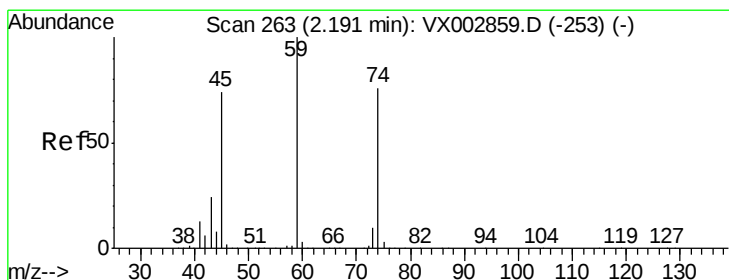
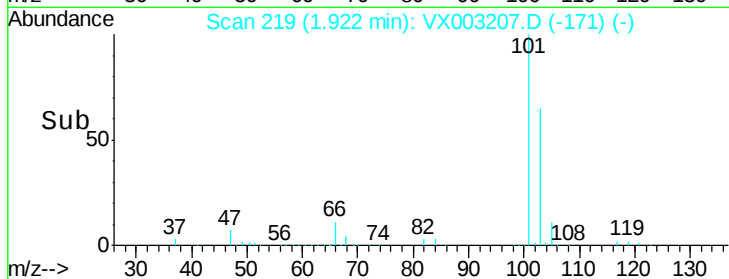
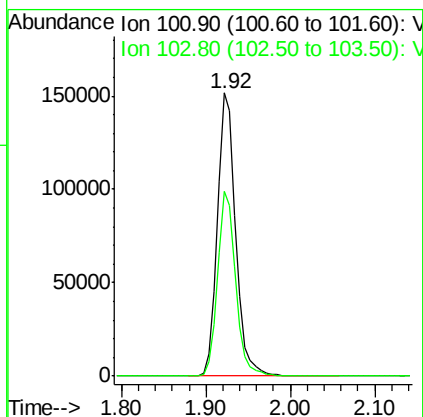
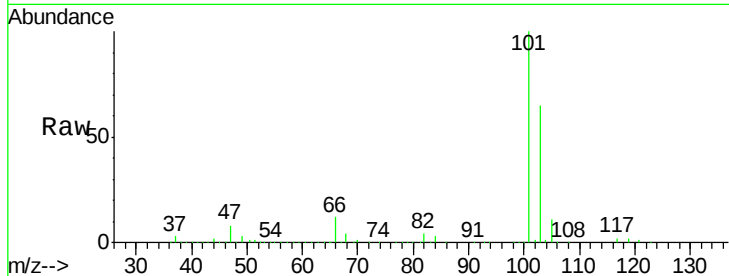
Trichlorofluoromethane
Concen: 46.94 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.8	79.2

Manual Integrations
APPROVED

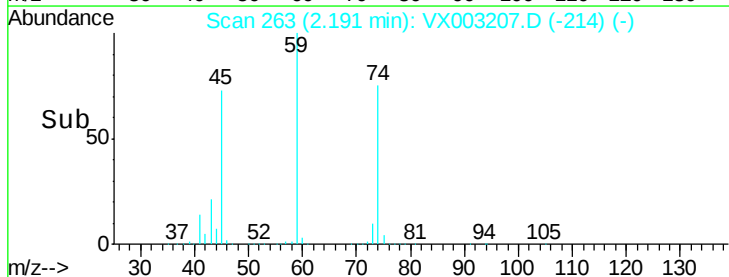
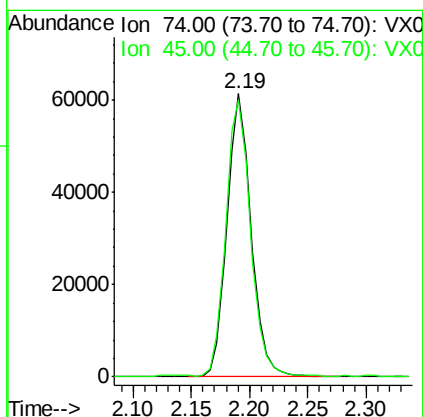
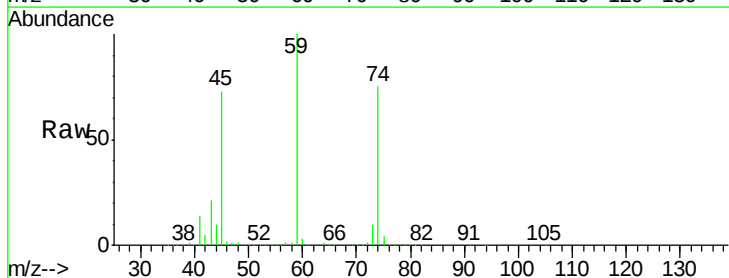
sam
7/6/2018 4:20:53 PM

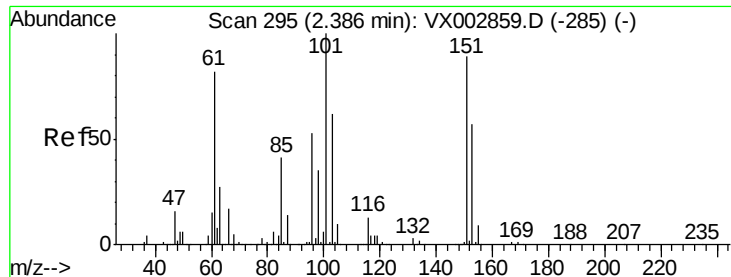


#8

Diethyl Ether
Concen: 49.85 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.56 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

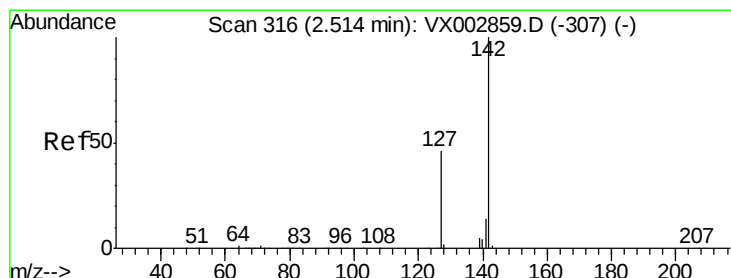
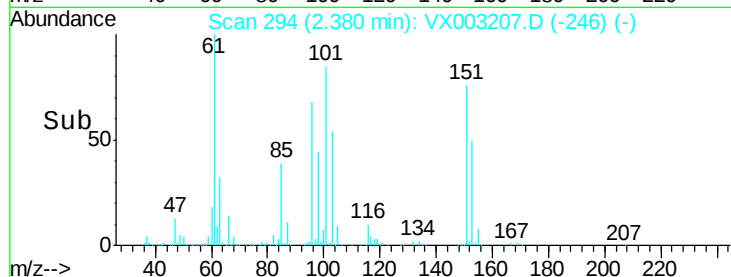
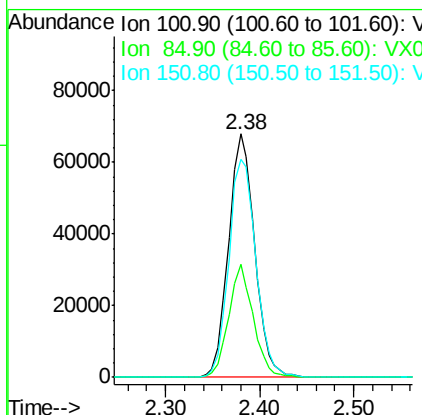
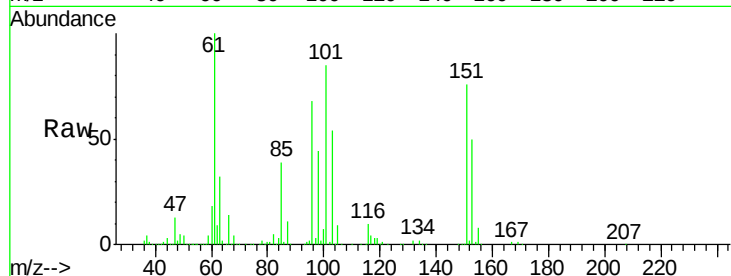
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	131176
Ion Ratio	Lower	Upper	
101	100		
85	43.3	36.0	54.0
151	93.0	70.9	106.3

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#10

Methyl Iodide

Concen: 56.31 ug/l

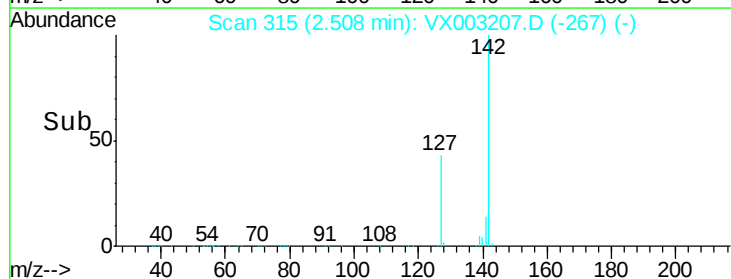
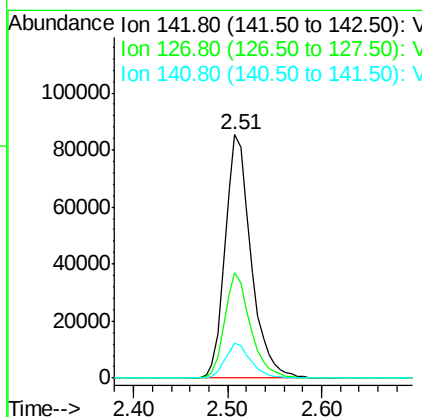
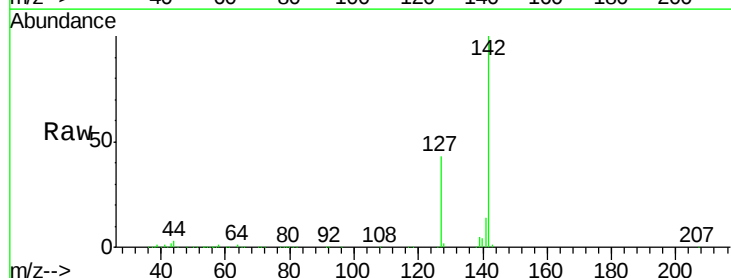
RT: 2.51 min Scan# 315

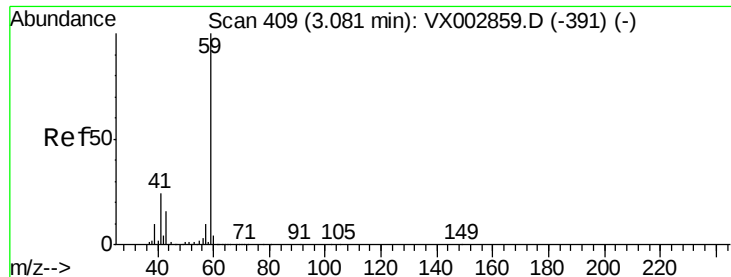
Delta R.T. -0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	142	Resp:	163446
Ion Ratio	Lower	Upper	
142	100		
127	42.9	36.6	55.0
141	14.2	11.3	16.9





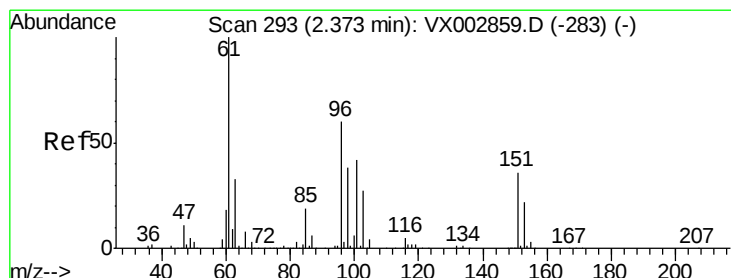
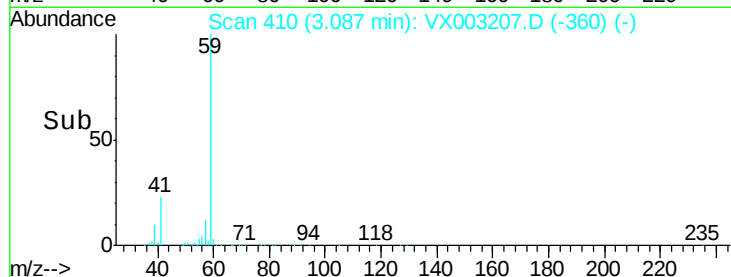
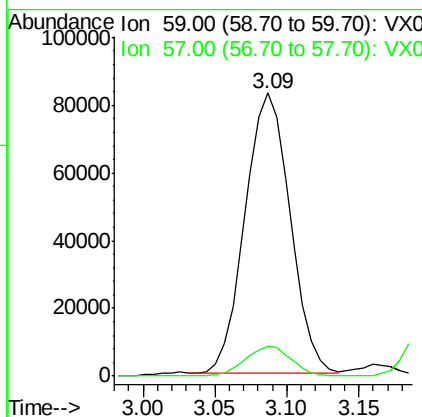
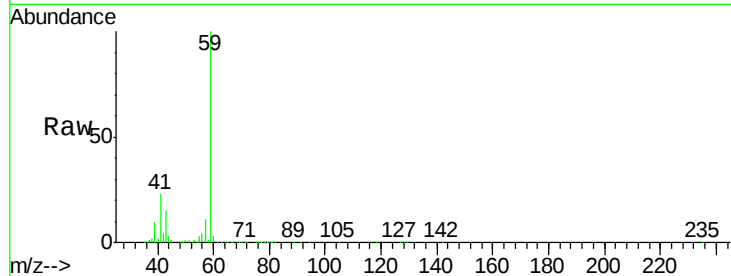
#11
Tert butyl alcohol
Concen: 256.46 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	179987
Ion Ratio	100	Lower	Upper
57	11.2	8.2	12.2

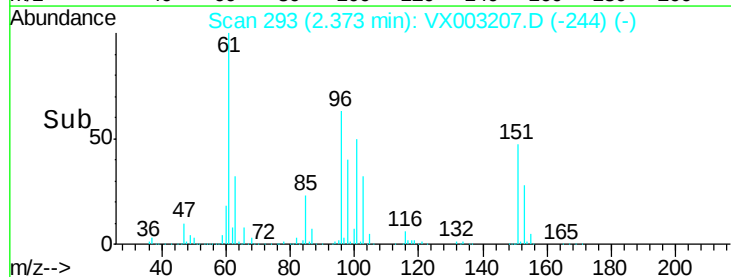
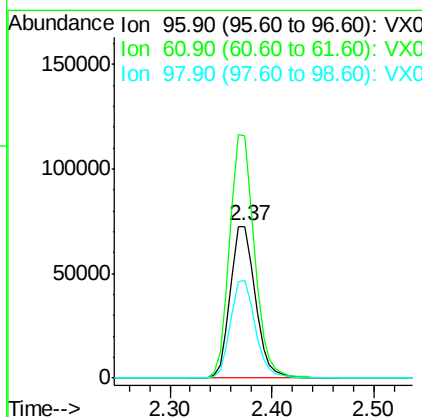
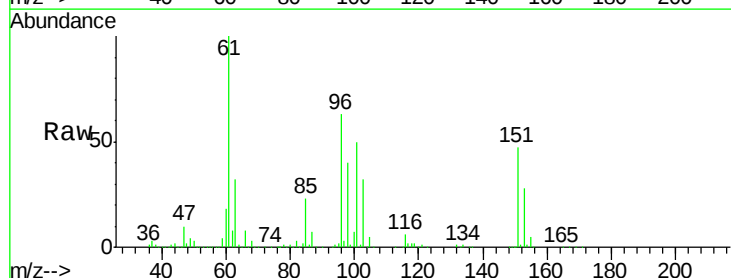
Manual Integrations
APPROVED

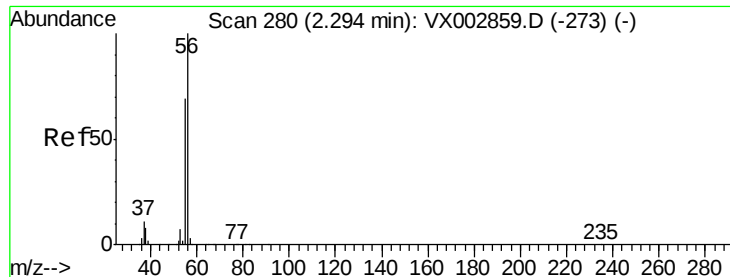
sam
7/6/2018 4:20:53 PM



#12
1,1-Dichloroethene
Concen: 49.09 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	96	Resp	123402
Ion Ratio	100	Lower	Upper
61	159.2	137.9	206.9
98	64.3	51.6	77.4





#13

Acrolein

Concen: 243.46 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94684

Ion Ratio Lower Upper

56 100

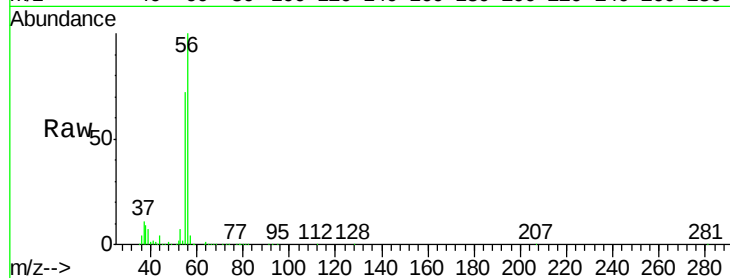
55 71.2 57.0 85.4

Manual Integrations

APPROVED

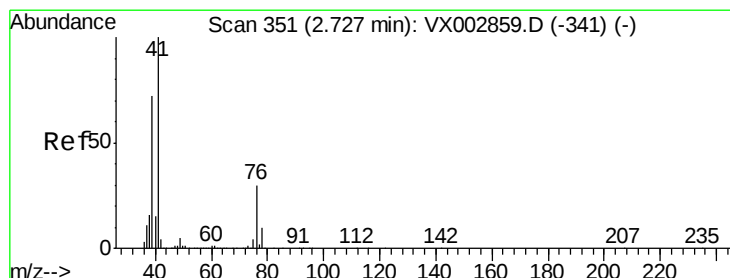
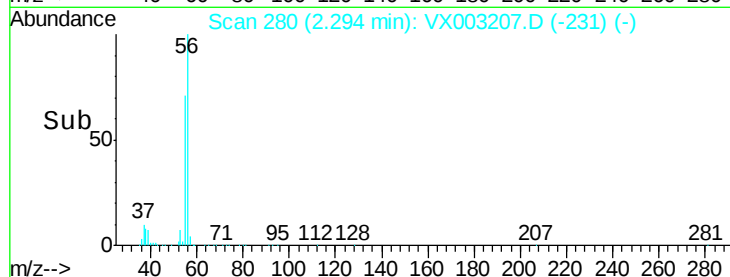
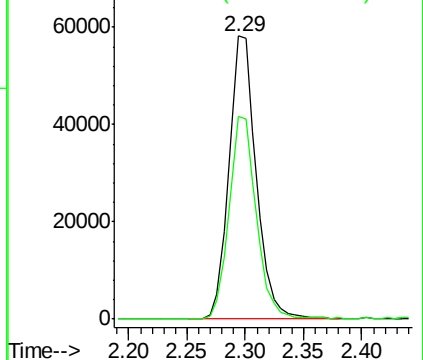
sam

7/6/2018 4:20:53 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.02 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

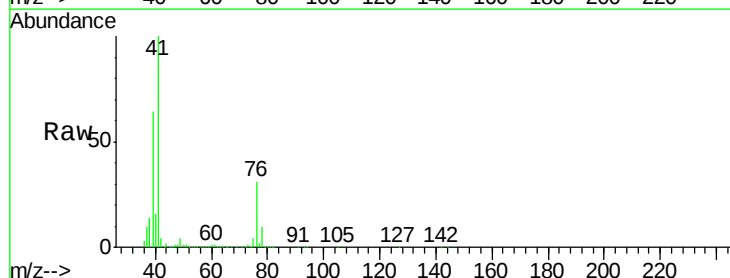
Tgt Ion: 41 Resp: 223066

Ion Ratio Lower Upper

41 100

39 63.5 56.8 85.2

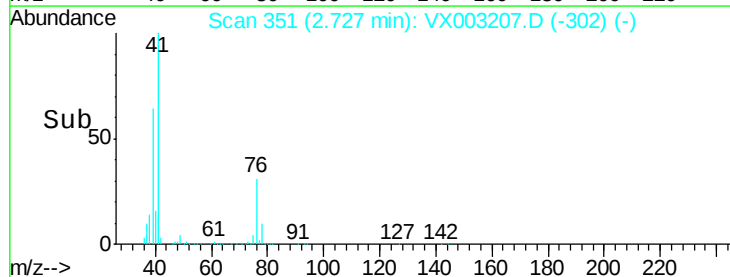
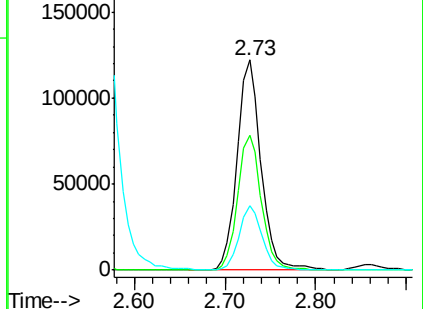
76 29.6 23.8 35.8

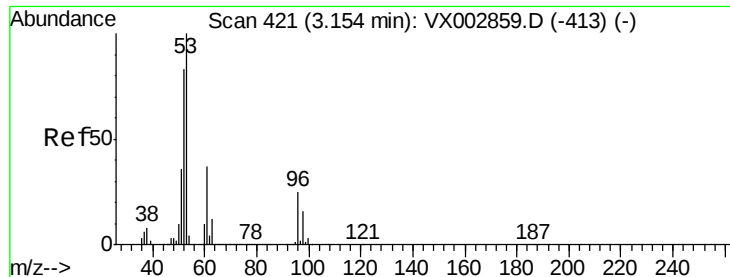


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 266.89 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

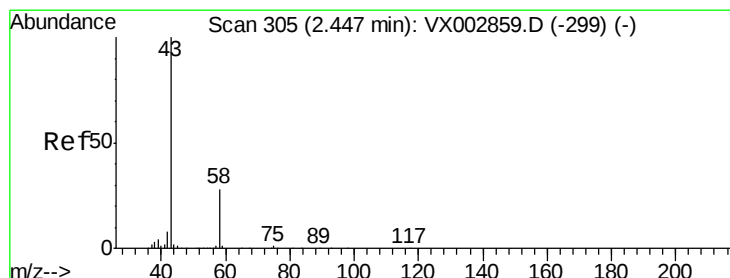
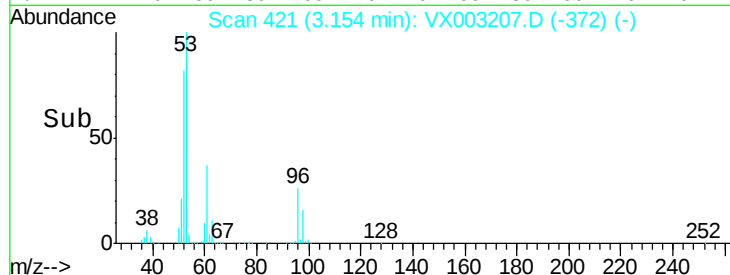
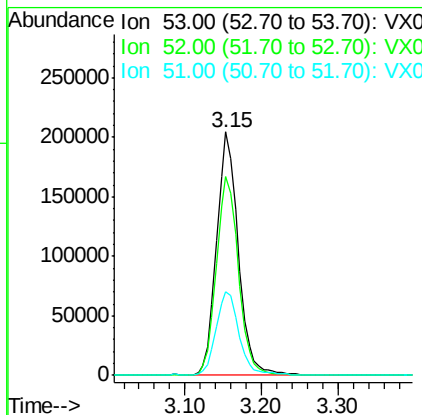
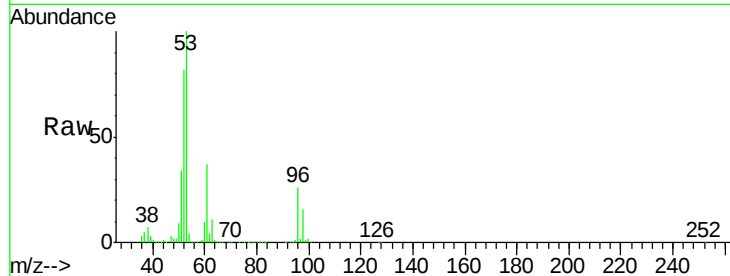
ClientSampleID :

VSTDCCC050EC

Tot Ion:	53	Resp:	400088
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	36.2	29.9	44.9

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#16

Acetone

Concen: 251.48 ug/l

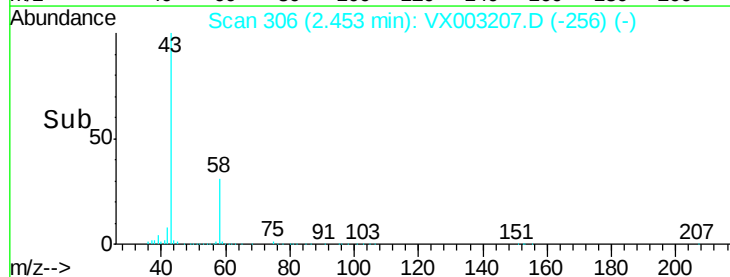
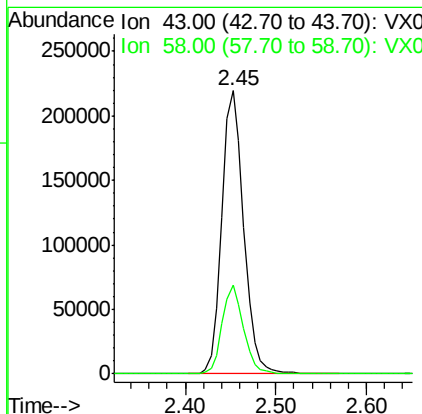
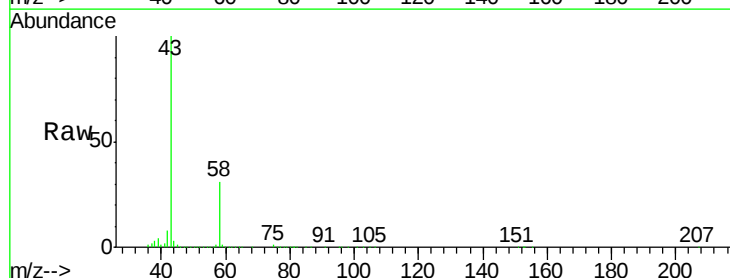
RT: 2.45 min Scan# 306

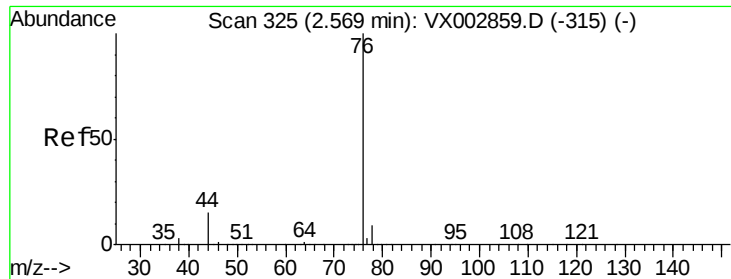
Delta R.T. 0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	43	Resp:	366910
Ion	Ratio	Lower	Upper
43	100		
58	31.2	22.1	33.1





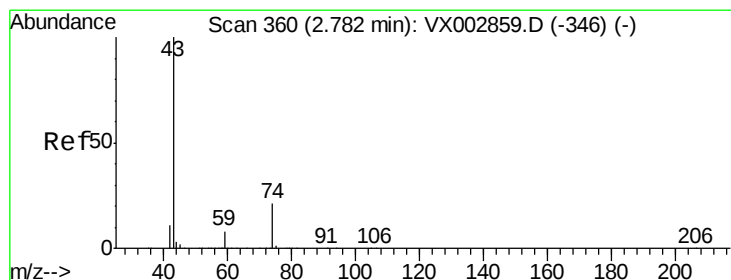
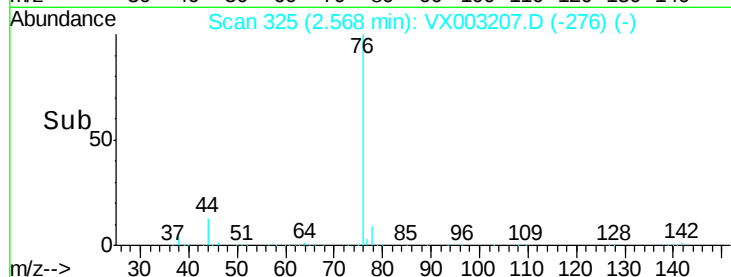
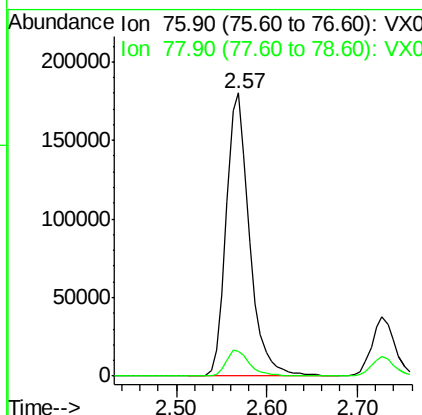
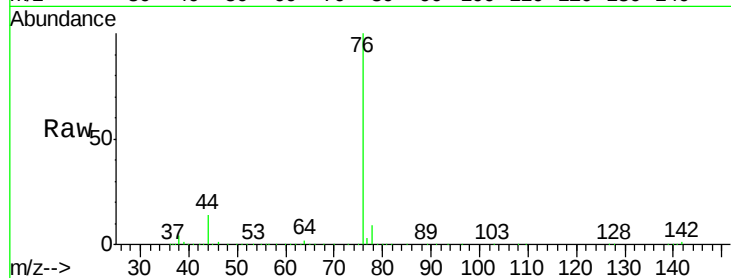
#17
Carbon Disulfide
Concen: 47.91 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.9	10.3

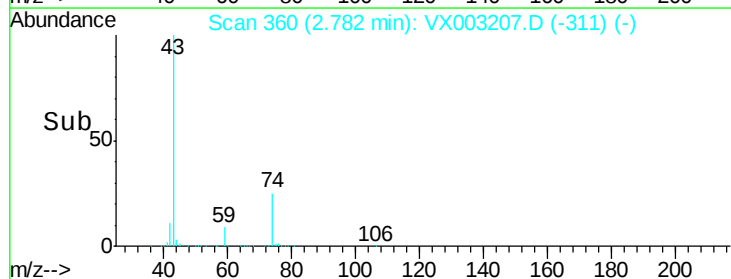
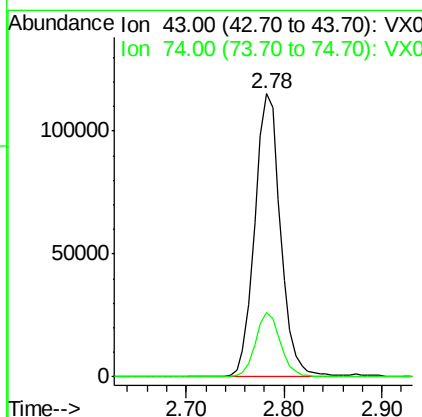
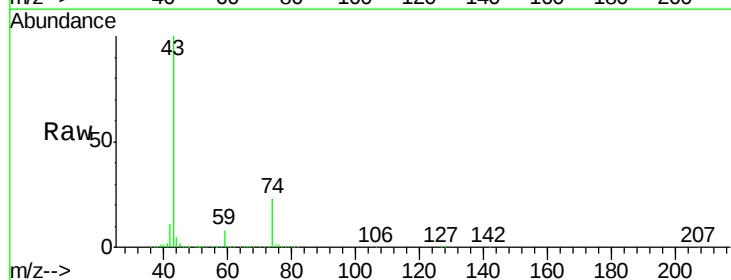
Manual Integrations
APPROVED

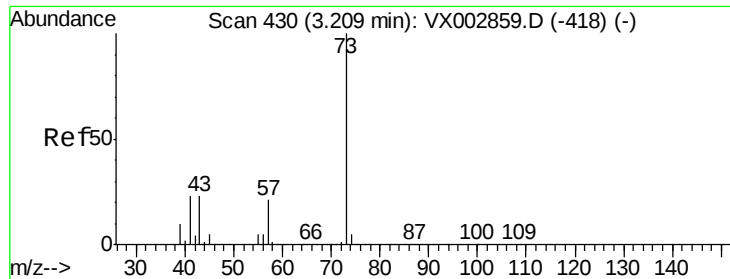
sam
7/6/2018 4:20:53 PM



#18
Methyl Acetate
Concen: 51.76 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.7	25.1





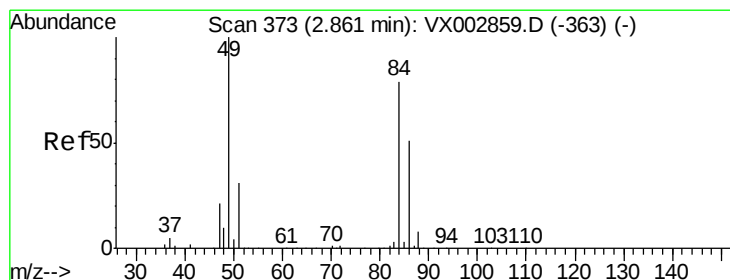
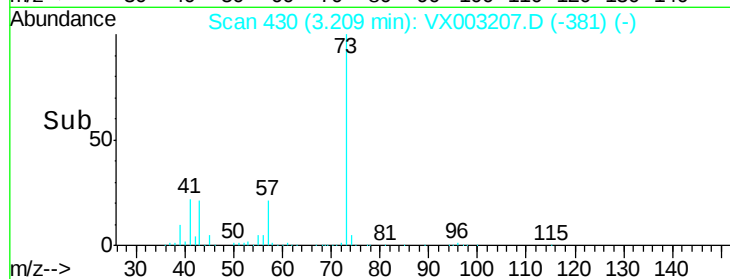
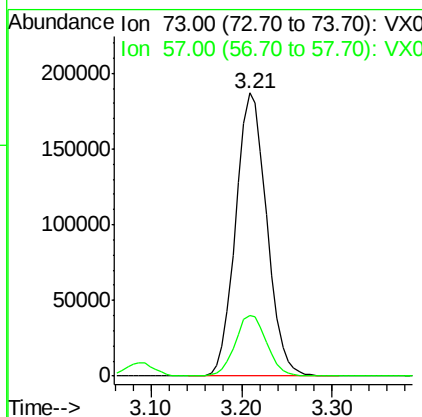
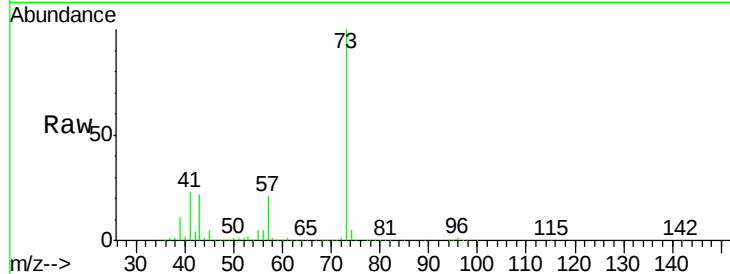
#19
Methyl tert-butyl Ether
Concen: 49.20 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 444599
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

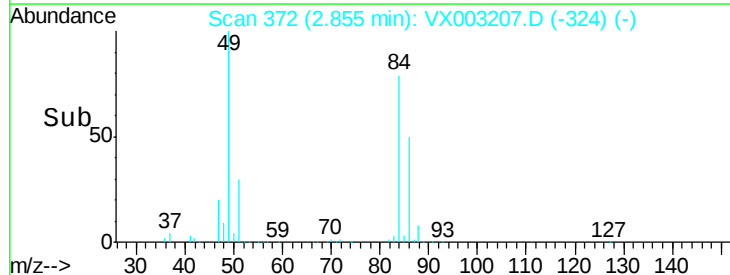
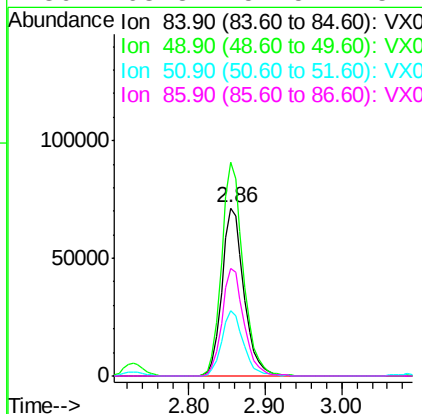
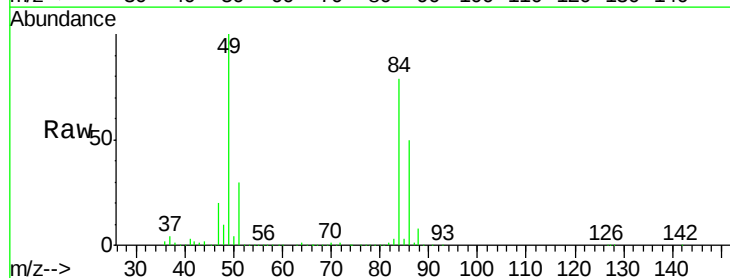
Manual Integrations
APPROVED

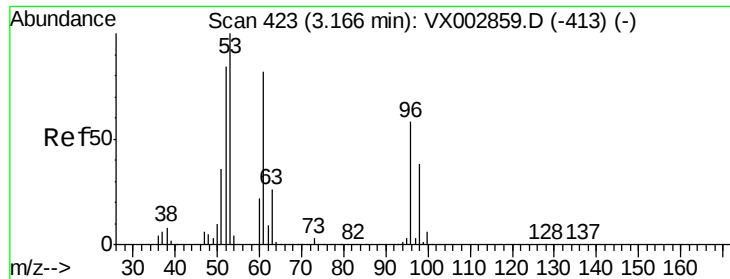
sam
7/6/2018 4:20:53 PM



#20
Methylene Chloride
Concen: 49.72 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion: 84 Resp: 141158
Ion Ratio Lower Upper
84 100
49 126.7 107.8 161.6
51 38.5 32.8 49.2
86 63.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.54 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

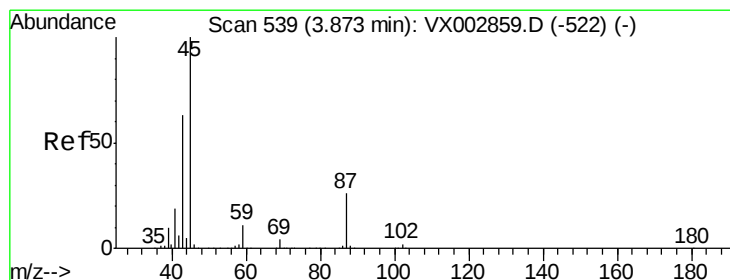
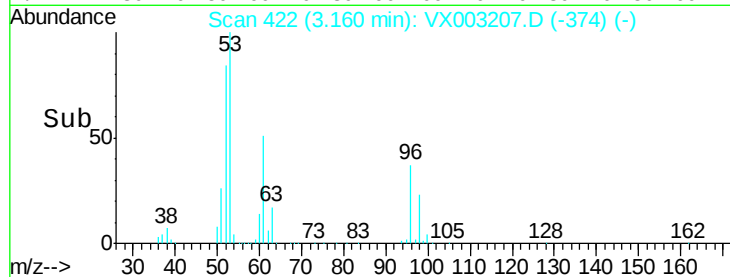
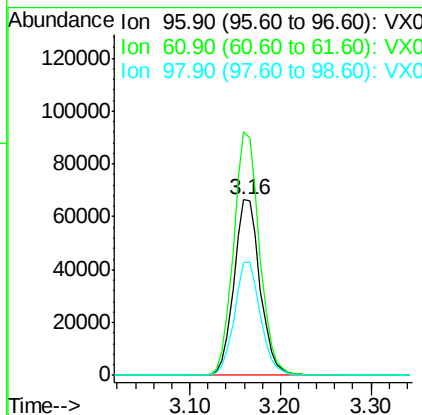
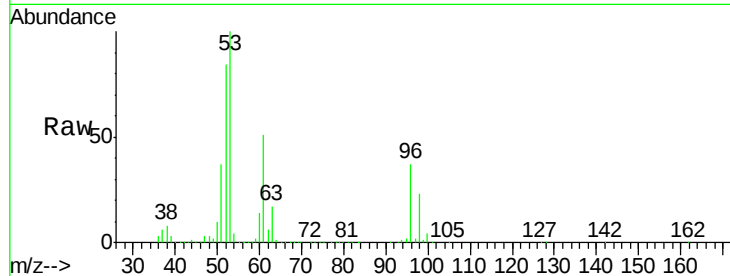
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	132894
Ion	Ratio	Lower	Upper
96	100		
61	138.3	117.0	175.4
98	64.0	52.4	78.6

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#22

Diisopropyl ether

Concen: 48.94 ug/l

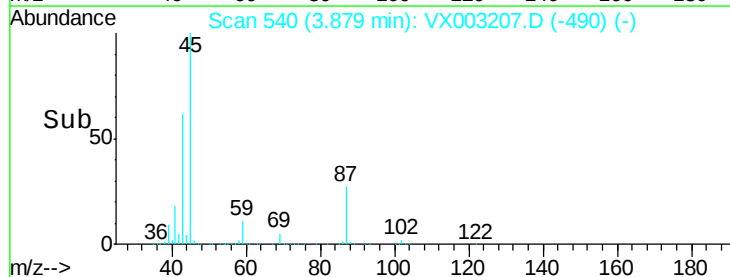
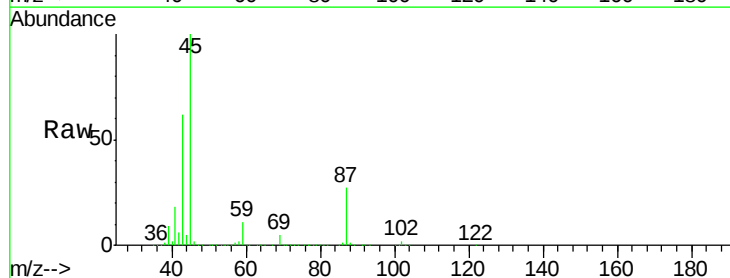
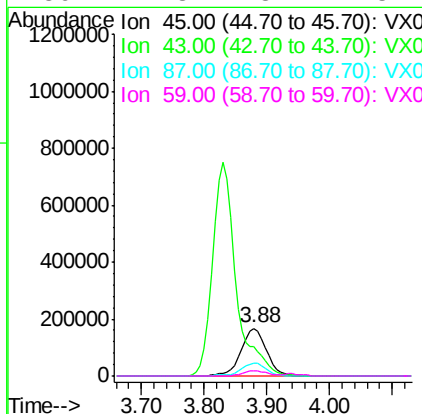
RT: 3.88 min Scan# 540

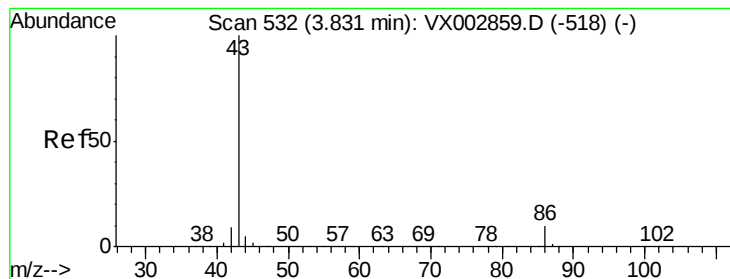
Delta R.T. 0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	45	Resp:	463519
Ion	Ratio	Lower	Upper
45	100		
43	61.6	46.8	70.2
87	26.9	20.2	30.4
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 242.87 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1947918

Ion Ratio Lower Upper

43 100

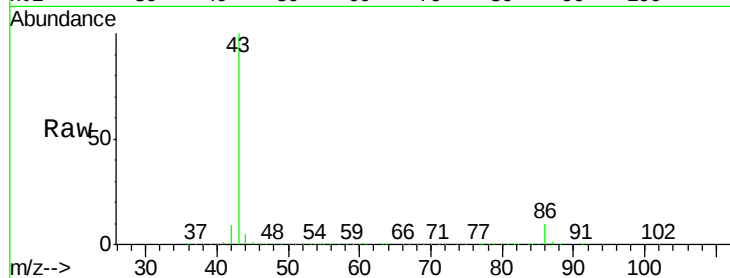
86 9.8 7.4 11.0

Manual Integrations

APPROVED

sam

7/6/2018 4:20:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

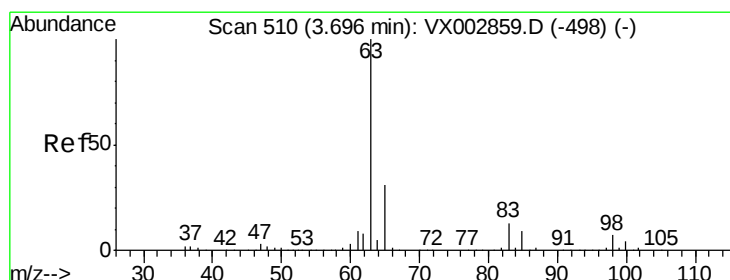
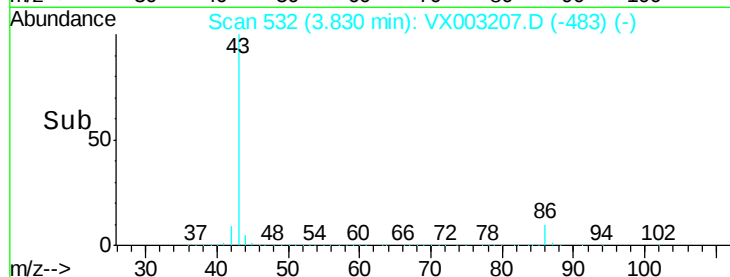
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.00 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

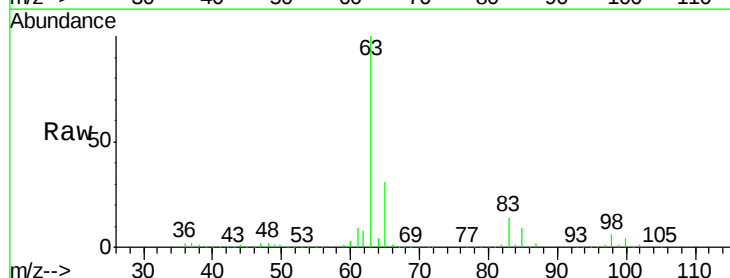
Tgt Ion: 63 Resp: 252249

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.3 2.0 6.0



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

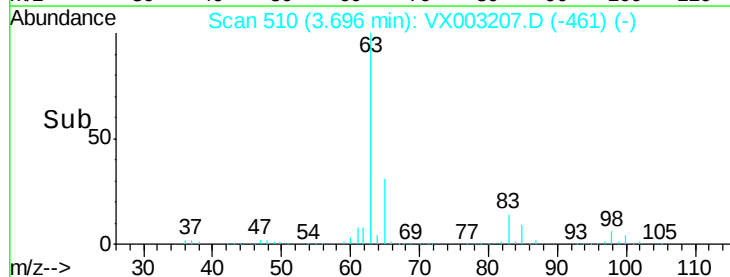
150000

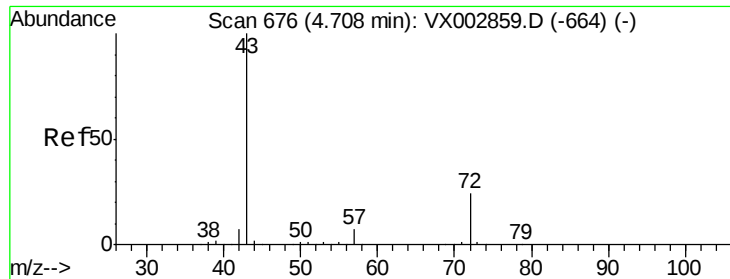
100000

50000

0

Time-->





#25

2-Butanone

Concen: 283.57 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 614012

Ion Ratio Lower Upper

43 100

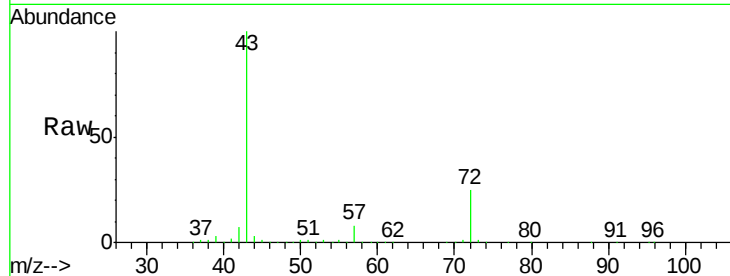
72 25.3 18.5 27.7

Manual Integrations

APPROVED

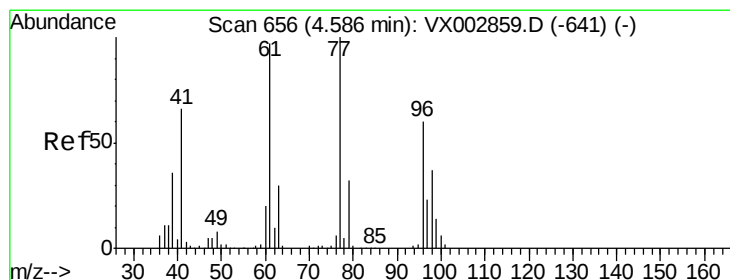
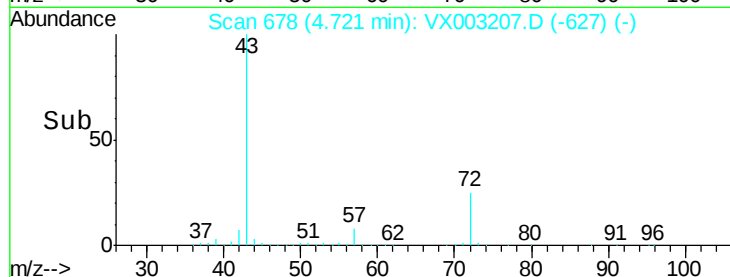
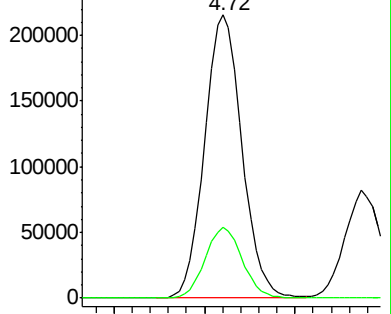
sam

7/6/2018 4:20:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003207.D

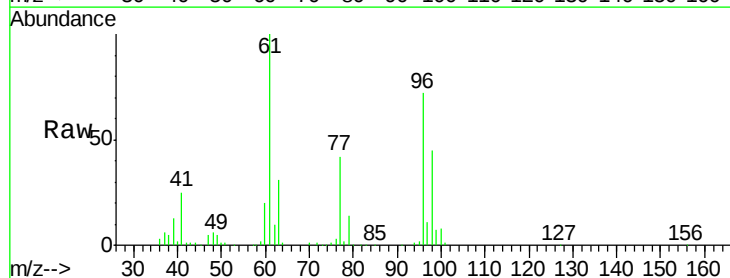
Acq: 06 Jul 2018 07:41

Tgt Ion: 77 Resp: 77247

Ion Ratio Lower Upper

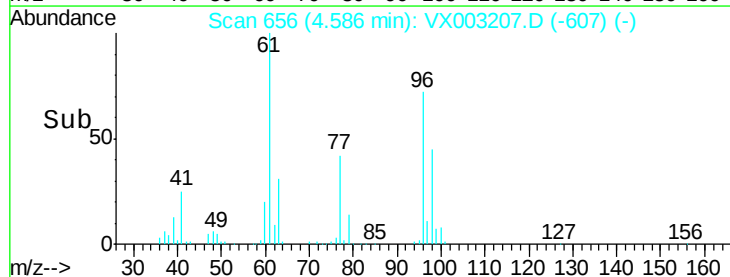
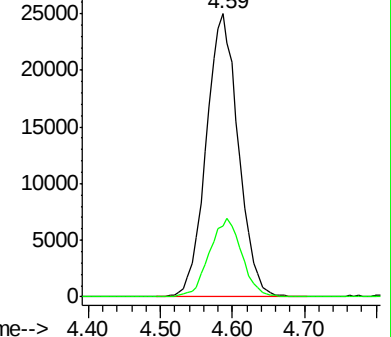
77 100

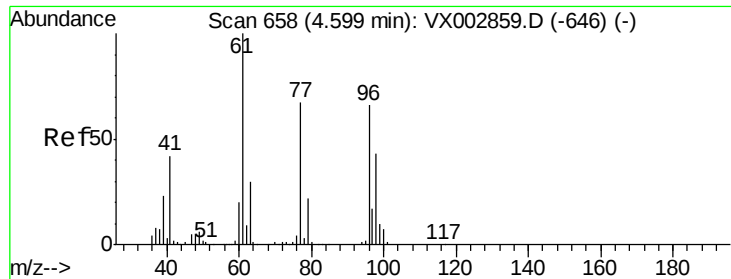
97 28.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





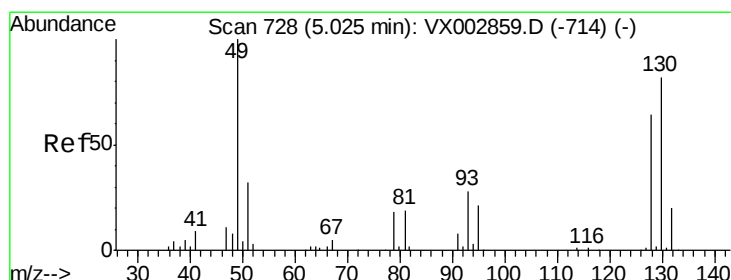
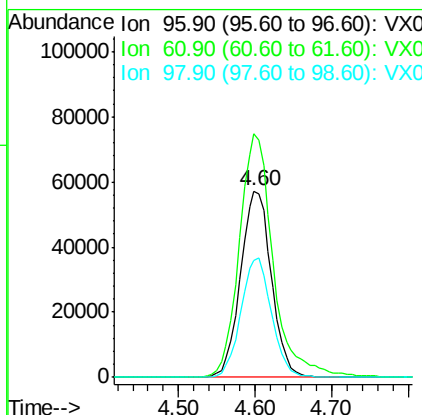
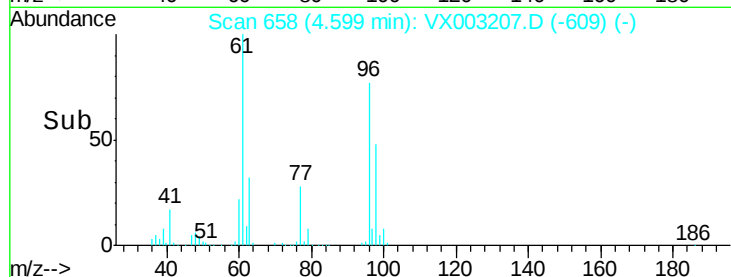
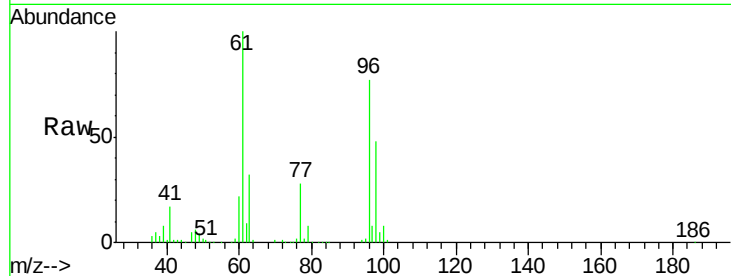
#27
 cis-1,2-Dichloroethene
 Concen: 52.18 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160184		
61	144.3	0.0	330.2	
98	63.9	0.0	130.2	

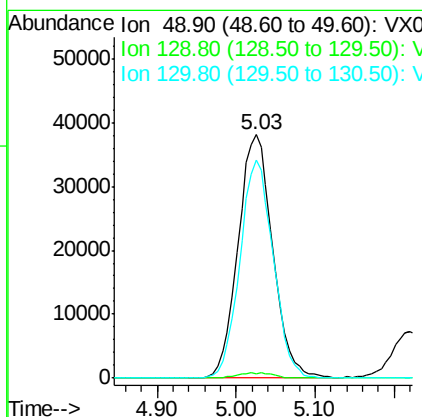
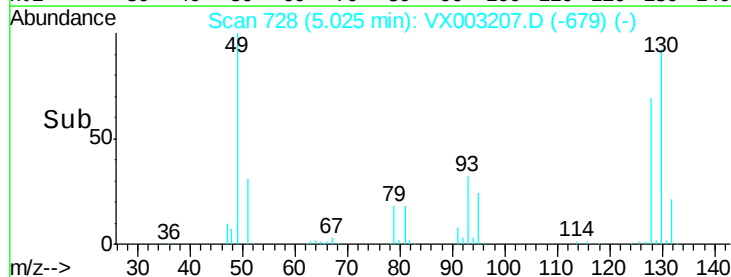
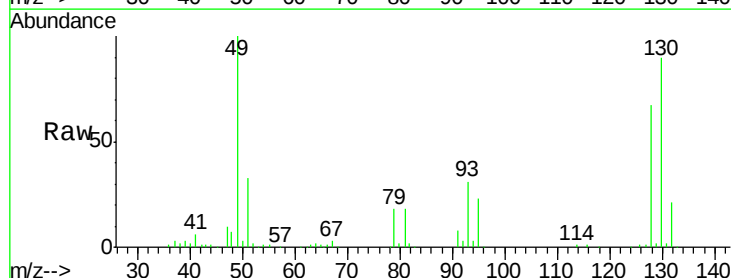
Manual Integrations
 APPROVED

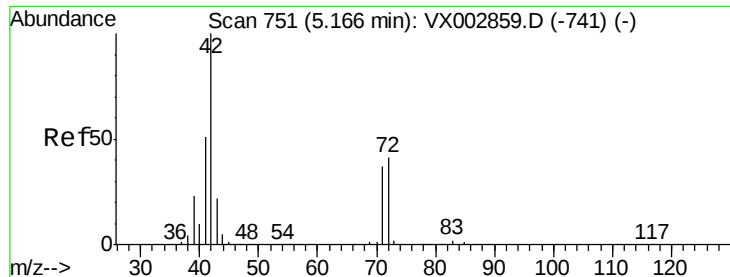
sam
 7/6/2018 4:20:53 PM



#28
 Bromochloromethane
 Concen: 47.17 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116245		
129	2.3	0.0	4.2	
130	86.4	61.2	91.8	





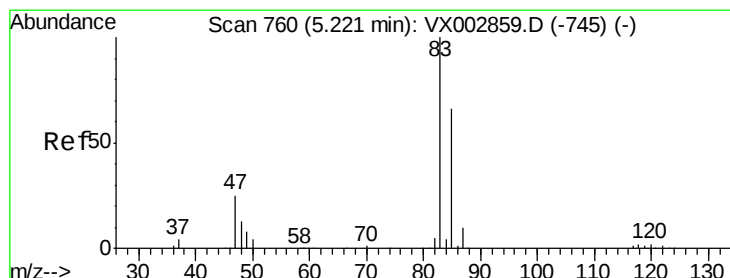
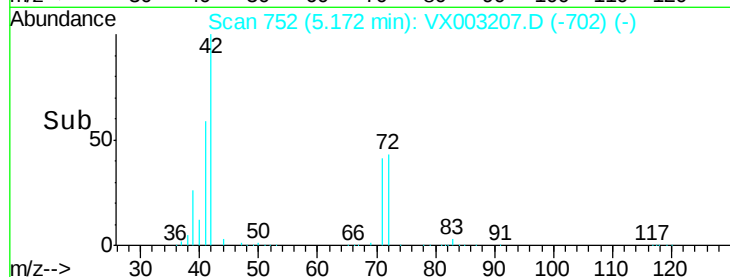
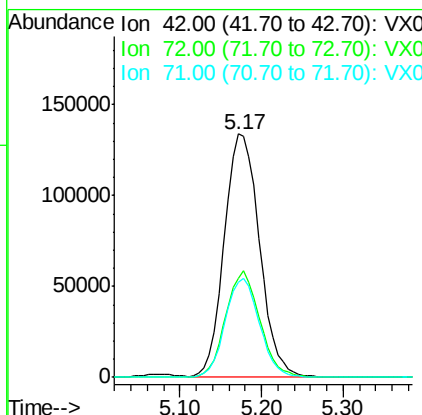
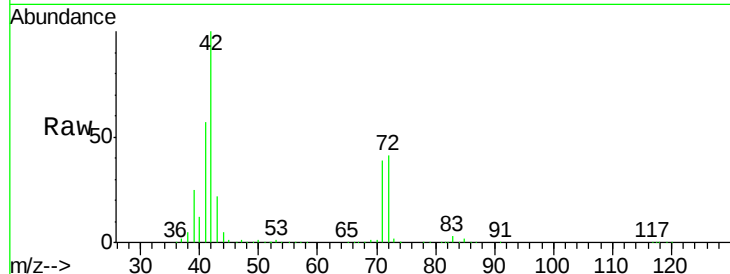
#29
Tetrahydrofuran
Concen: 286.91 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	32.0	48.0
71	39.8	30.1	45.1

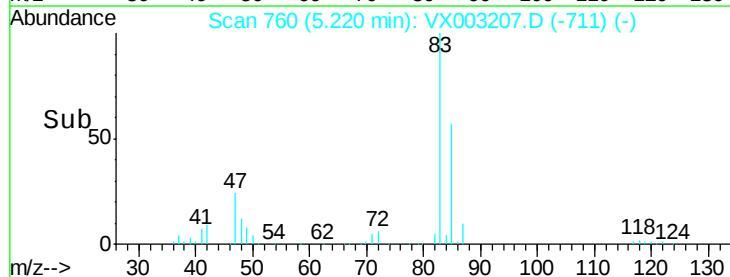
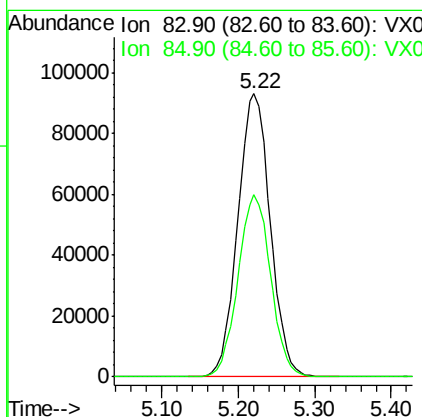
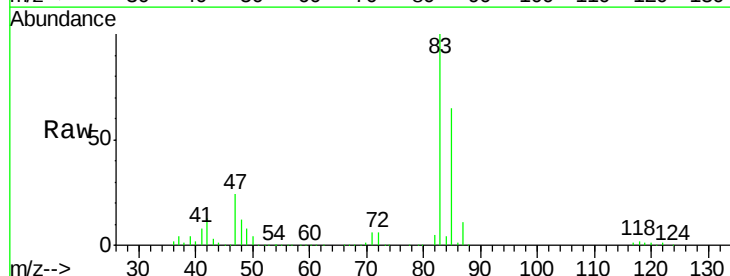
Manual Integrations
APPROVED

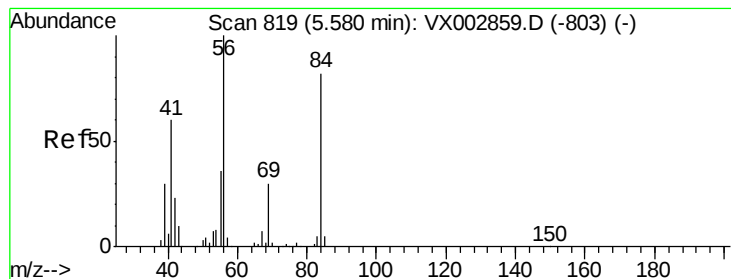
sam
7/6/2018 4:20:53 PM



#30
Chloroform
Concen: 52.01 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.4	75.6





#31

Cyclohexane

Concen: 51.03 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

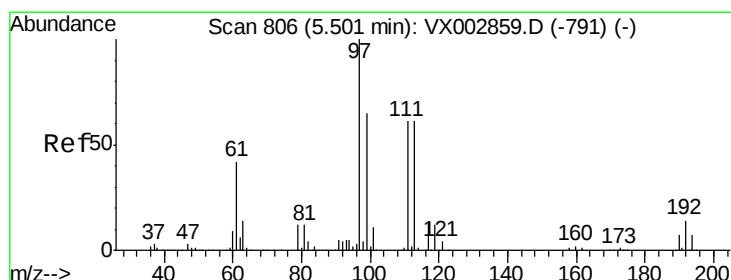
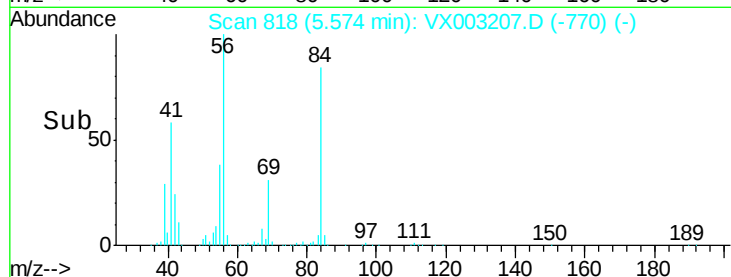
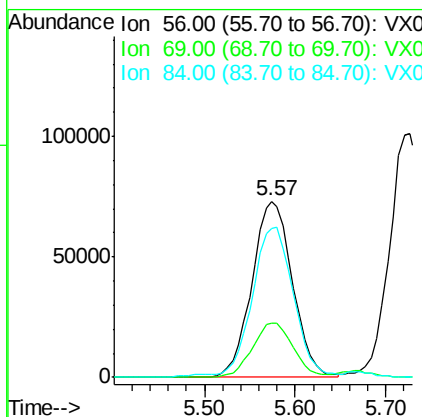
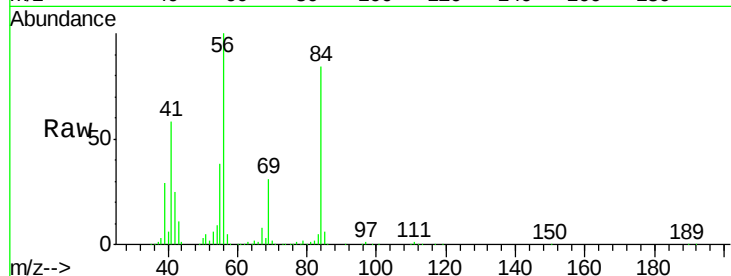
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	225477
Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.7	35.5
84	82.9	64.1	96.1

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#32

1,1,1-Trichloroethane

Concen: 52.14 ug/l

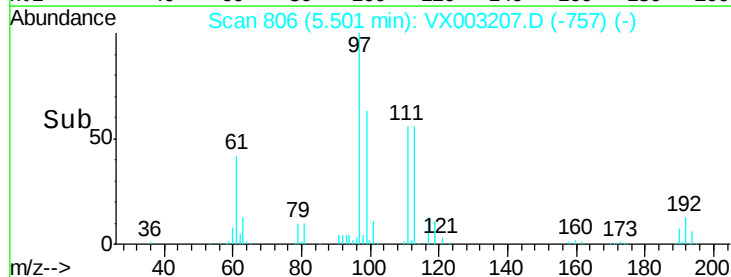
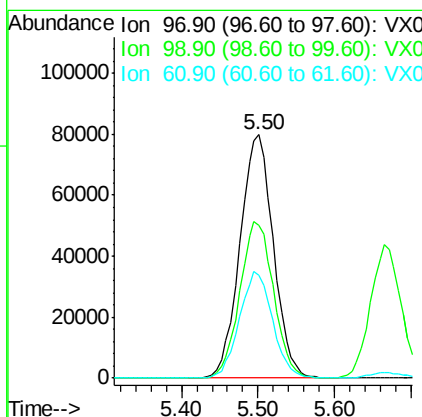
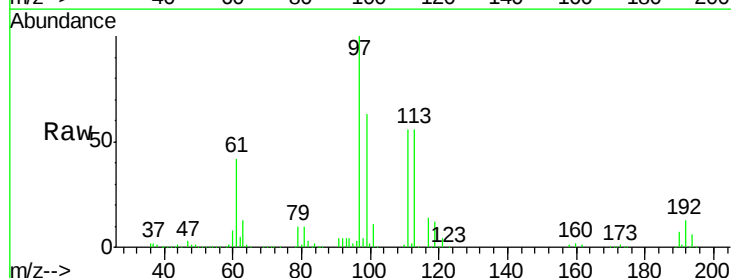
RT: 5.50 min Scan# 806

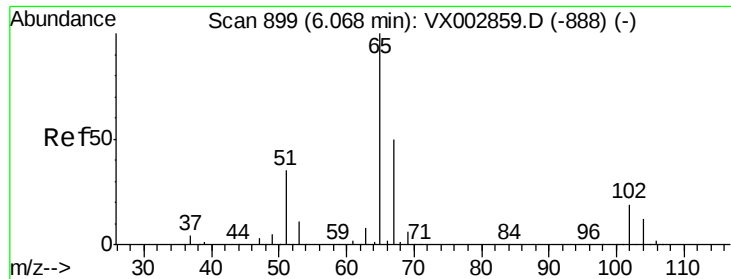
Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	97	Resp:	242378
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	43.4	36.4	54.6





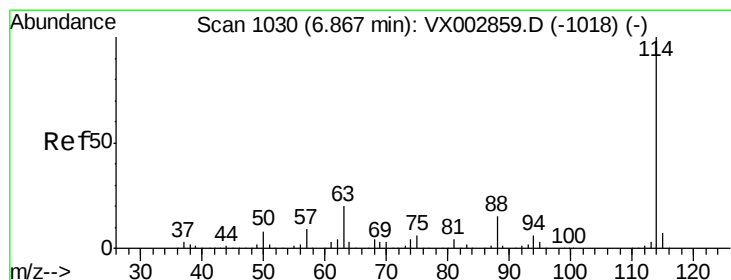
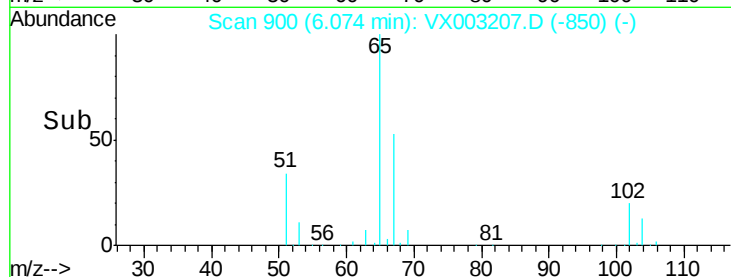
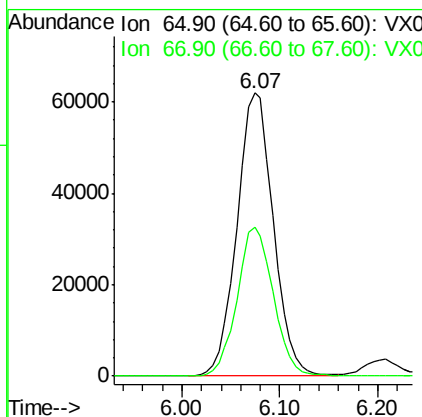
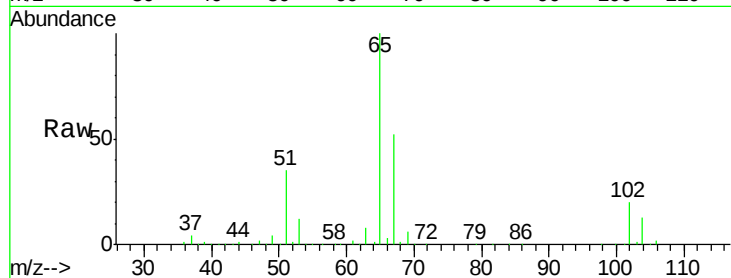
#33
 1,2-Dichloroethane-d4
 Concen: 45.47 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160208		
67	52.4	0.0	102.6	

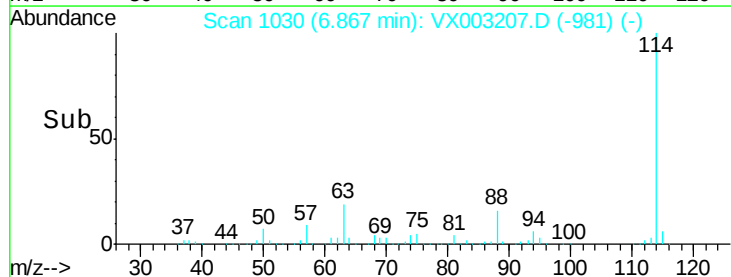
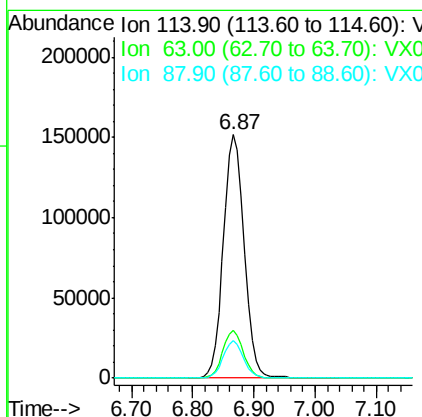
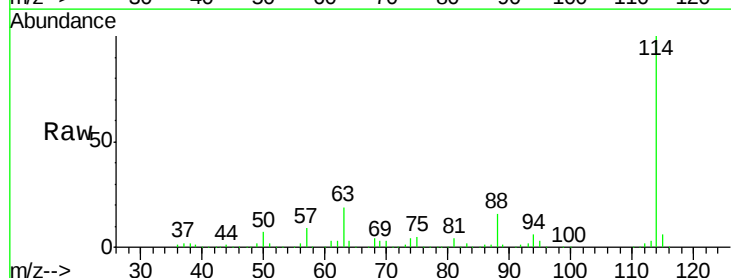
Manual Integrations
 APPROVED

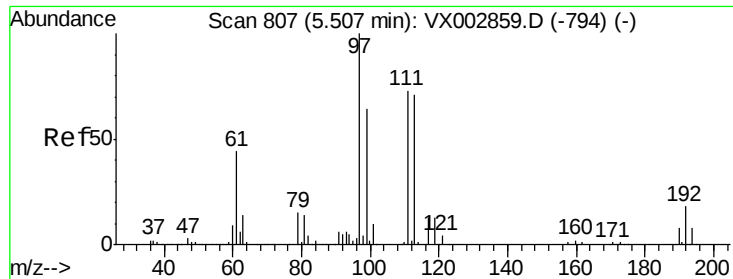
sam
 7/6/2018 4:20:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	357133		
63	19.4	0.0	41.4	
88	15.6	0.0	30.0	





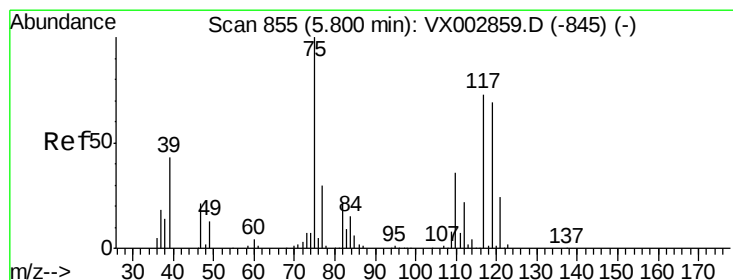
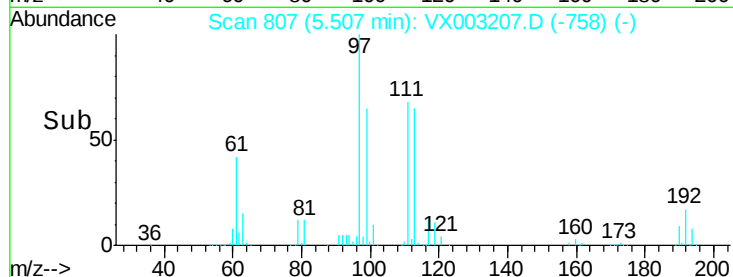
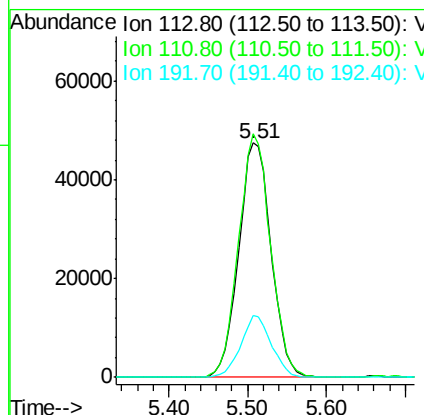
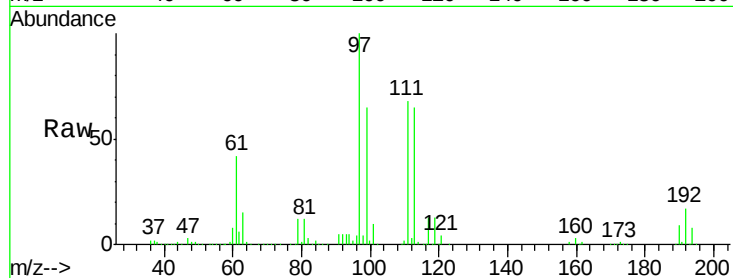
#35
Dibromofluoromethane
Concen: 47.96 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135648		
111	102.6	81.4	122.0	
192	24.9	19.1	28.7	

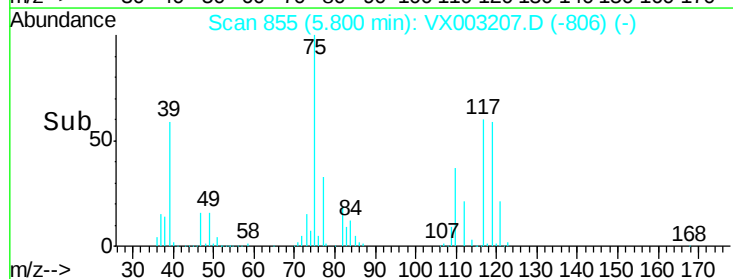
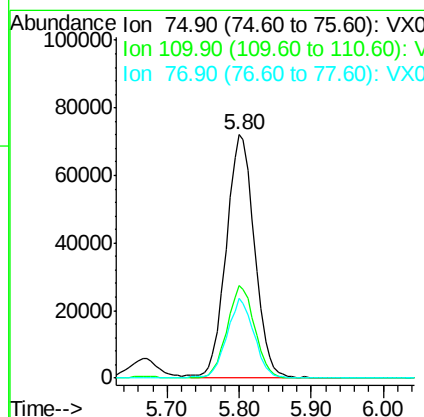
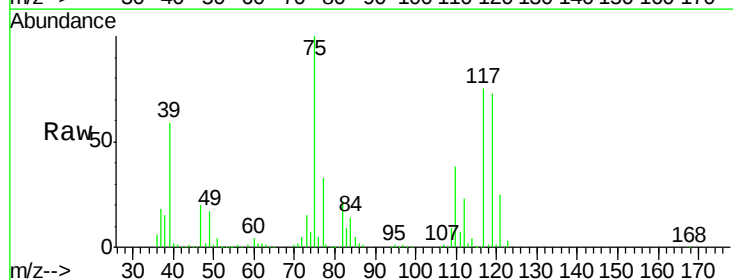
Manual Integrations
APPROVED

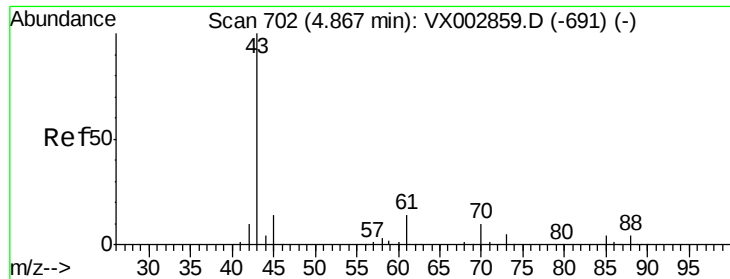
sam
7/6/2018 4:20:53 PM



#36
1,1-Dichloropropene
Concen: 49.92 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	195510		
110	37.6	18.1	54.4	
77	31.8	24.3	36.5	





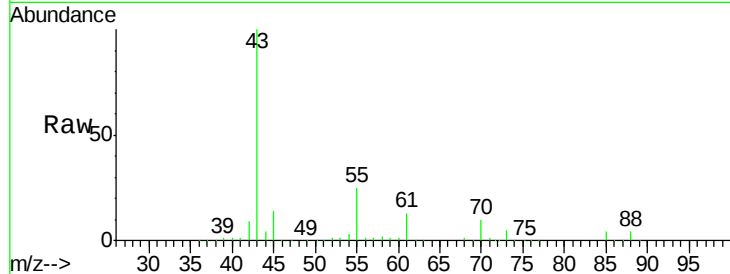
#37
Ethyl Acetate
Concen: 55.13 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

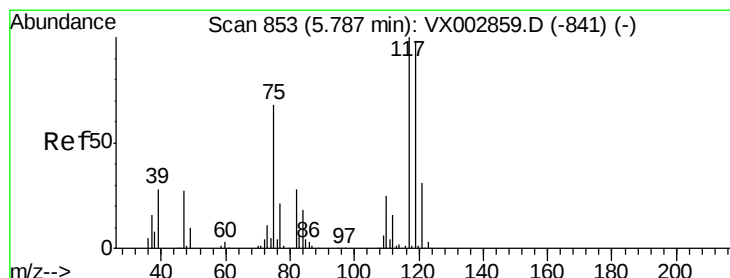
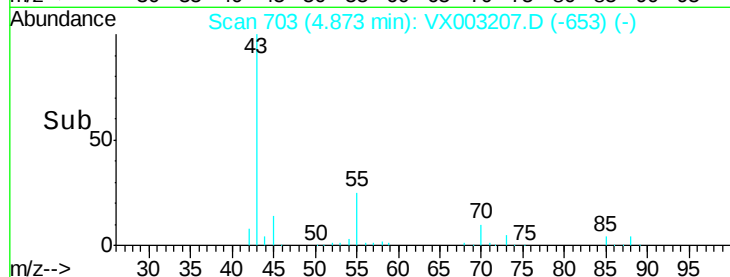
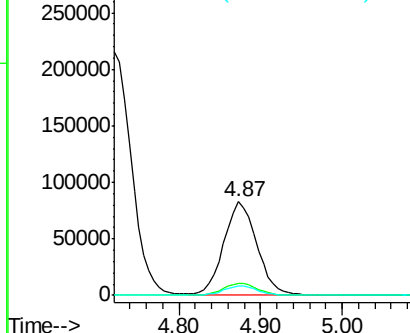
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.4	7.6	11.4

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM

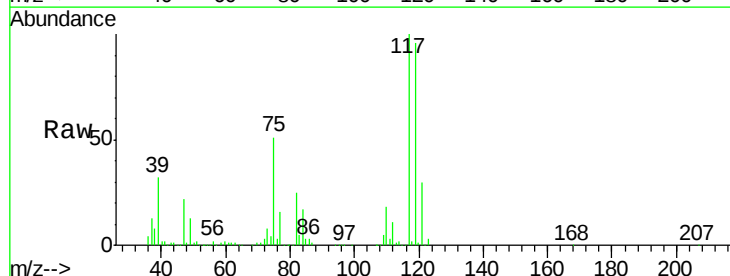


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

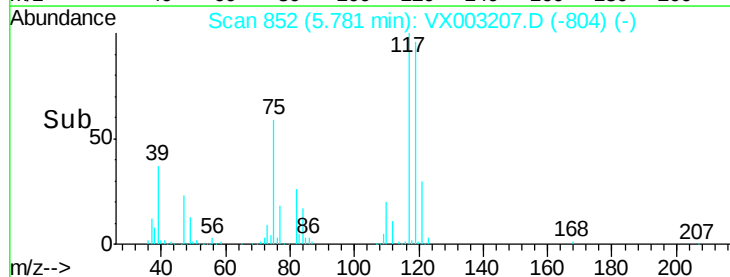
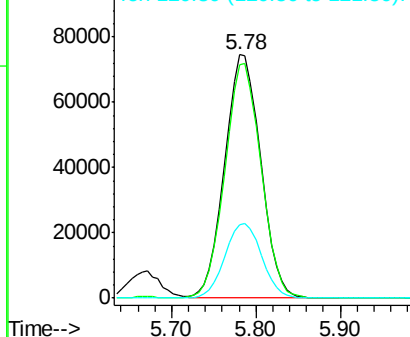


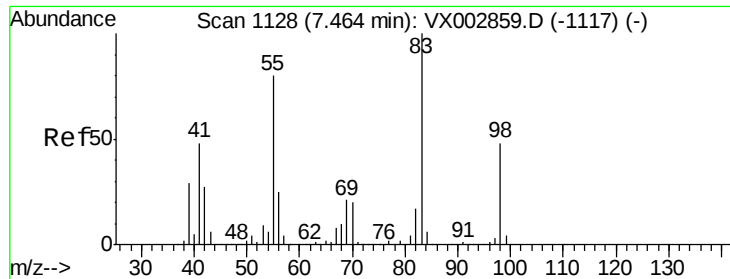
#38
Carbon Tetrachloride
Concen: 50.54 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
121	30.0	24.4	36.6



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





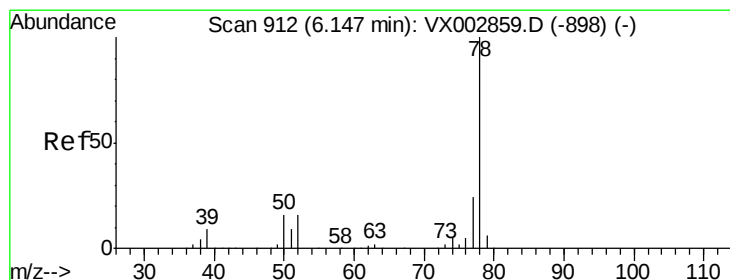
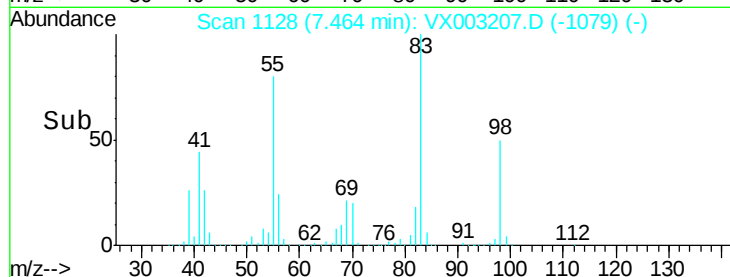
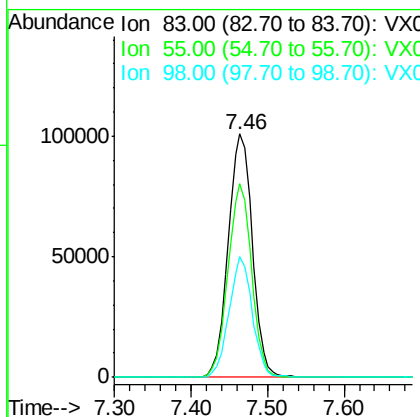
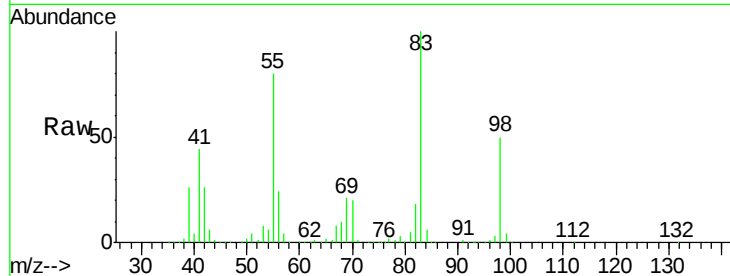
#39
Methvlcvclohexane
Concen: 48.32 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.8	65.4	98.0
98	49.8	37.4	56.0

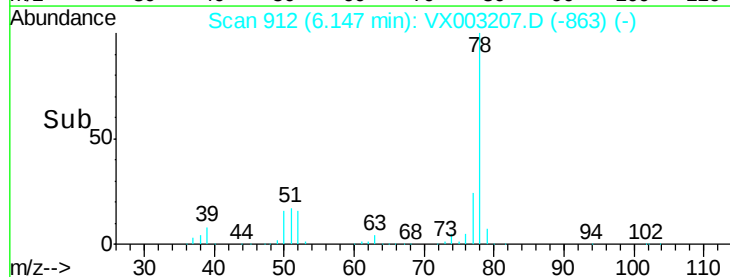
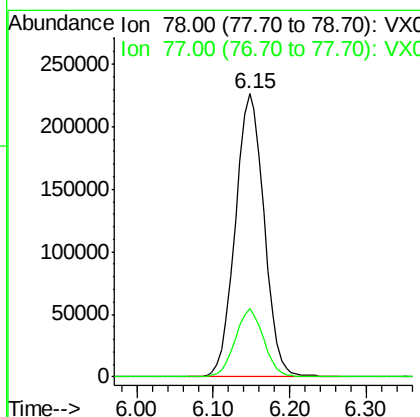
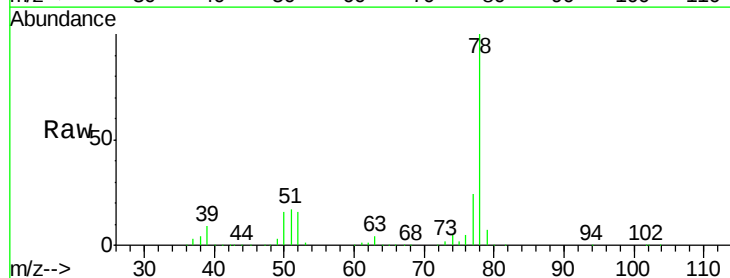
Manual Integrations
APPROVED

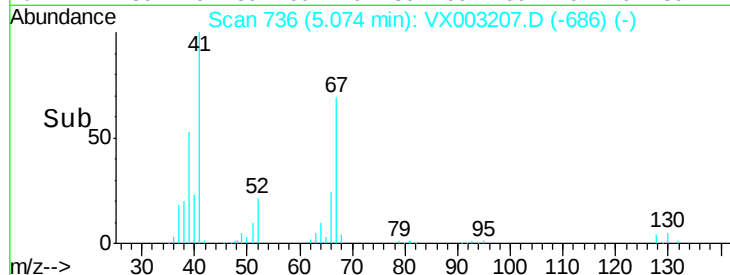
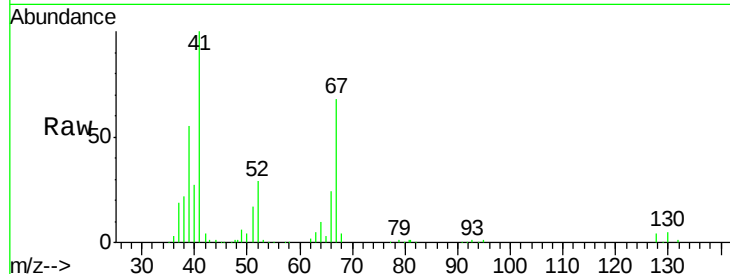
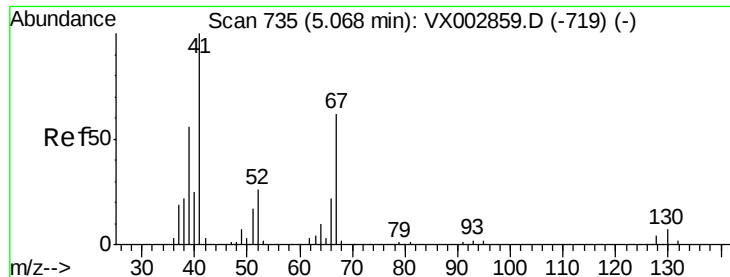
sam
7/6/2018 4:20:53 PM



#40
Benzene
Concen: 51.93 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

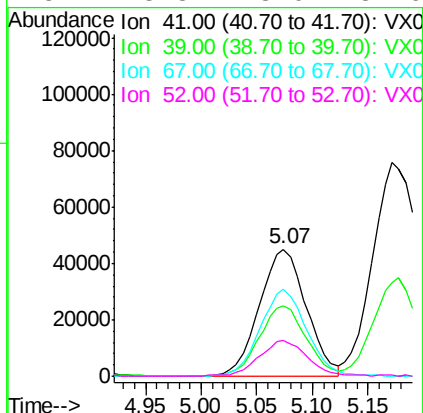
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





#41
Methacrylonitrile
Concen: 54.19 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

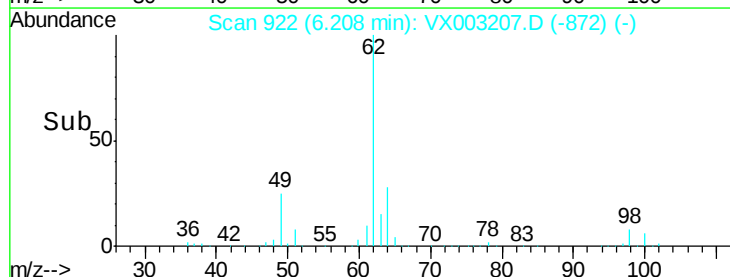
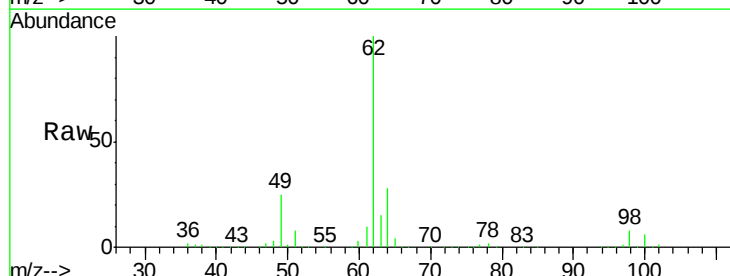
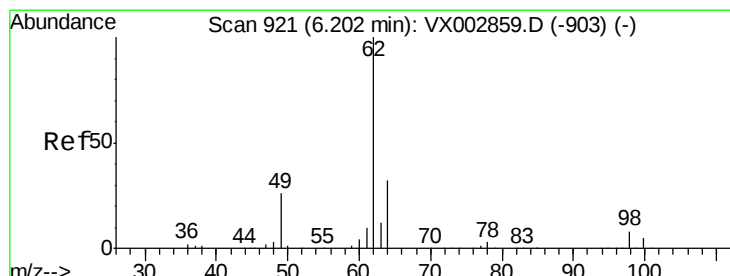
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.8	68.6
67	68.2	51.3	76.9
52	28.3	23.0	34.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

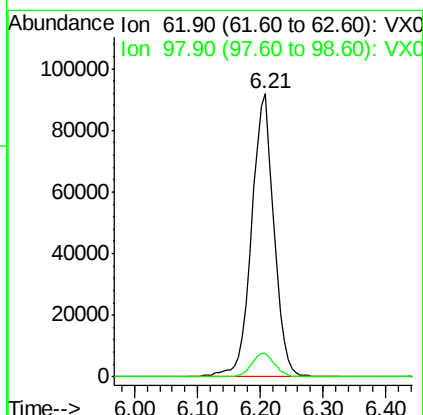
Manual Integrations
APPROVED

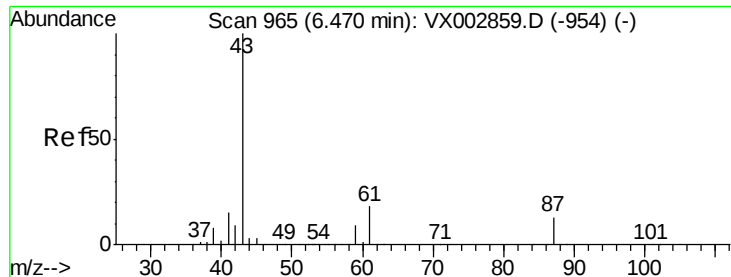
sam
7/6/2018 4:20:53 PM



#42
1,2-Dichloroethane
Concen: 49.21 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

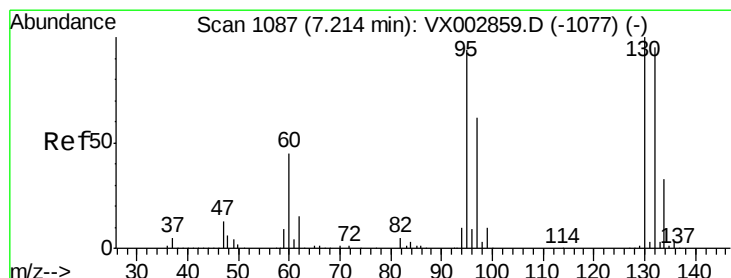
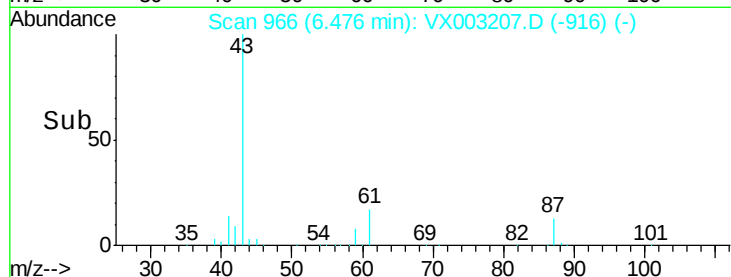
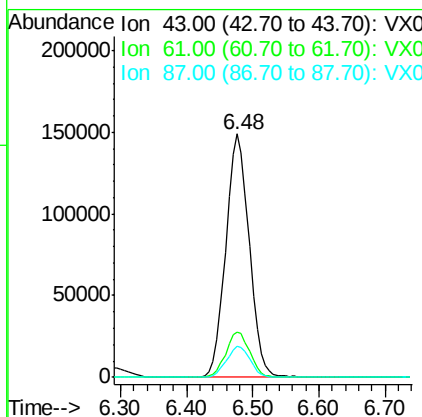
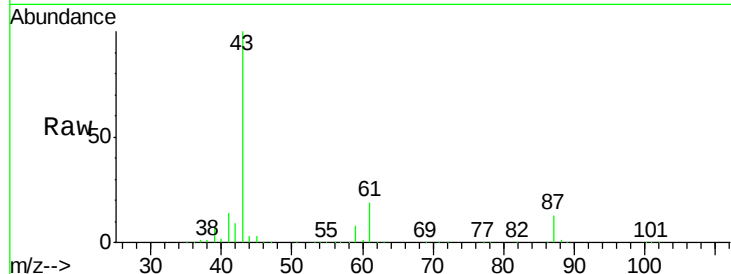
Isopropyl Acetate
 Concen: 51.42 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.4	21.6
87	13.1	9.5	14.3

Manual Integrations
 APPROVED

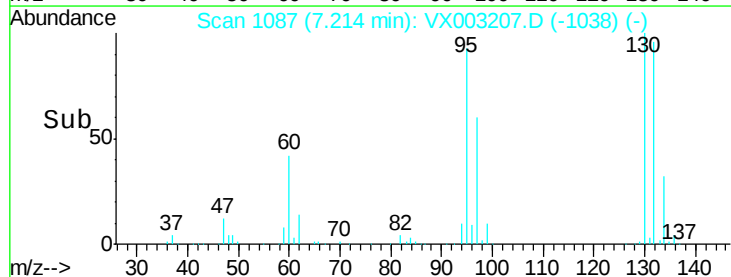
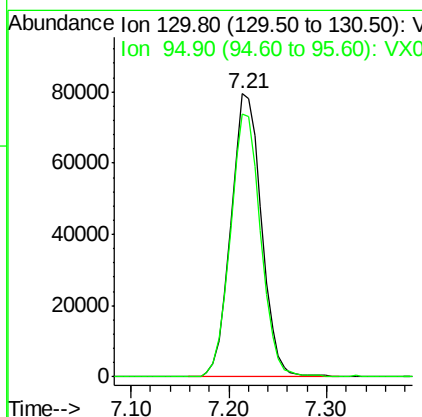
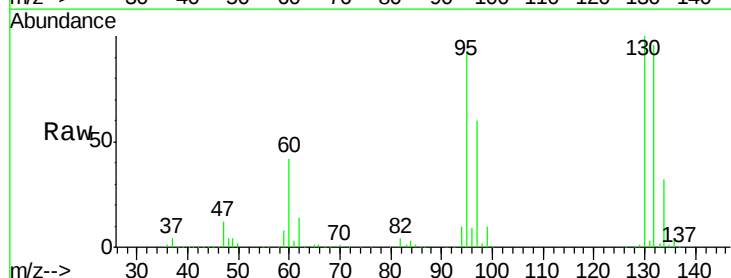
Sam
 7/6/2018 4:20:53 PM

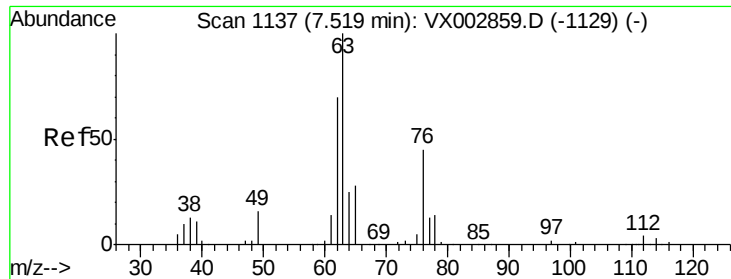


#44

Trichloroethene
 Concen: 50.78 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.39 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 152099

Ion Ratio Lower Upper

63 100

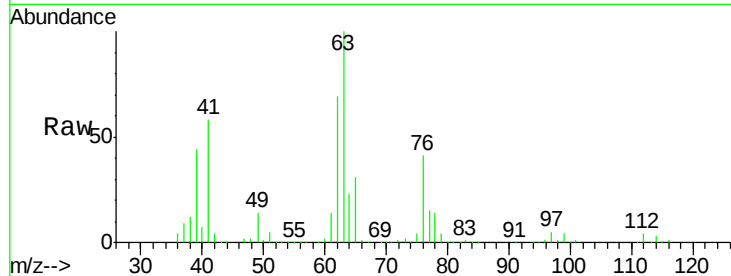
65 30.6 24.7 37.1

Manual Integrations

APPROVED

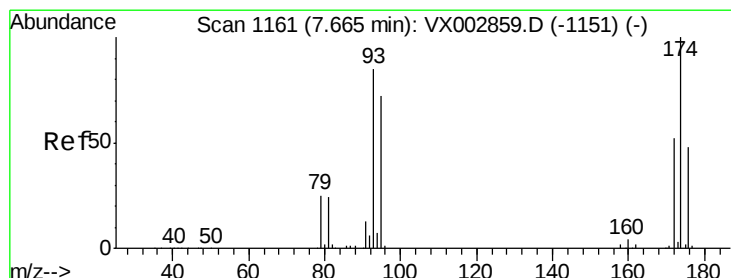
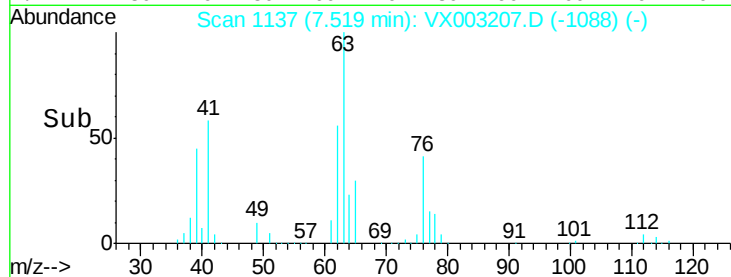
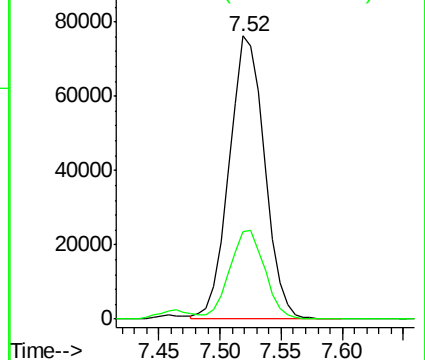
sam

7/6/2018 4:20:53 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.44 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

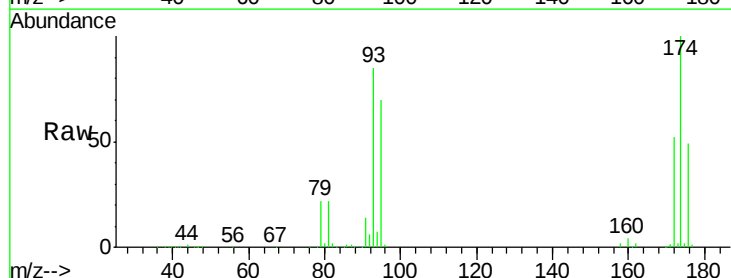
Tgt Ion: 93 Resp: 107756

Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

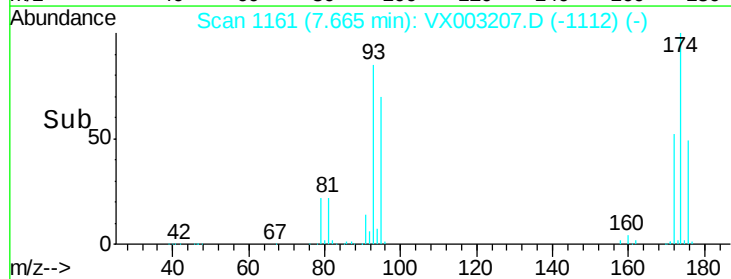
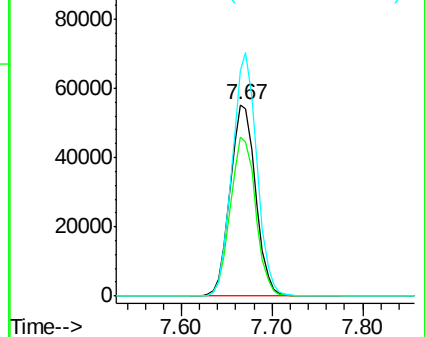
174 122.5 92.4 138.6

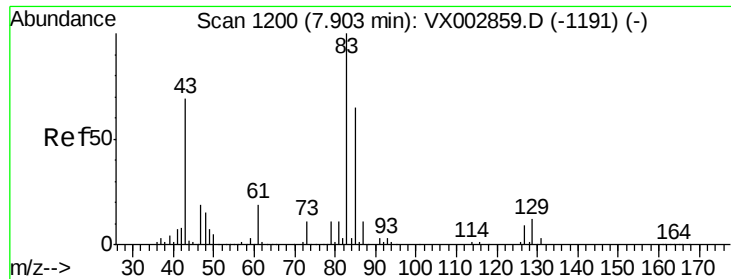


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.10 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

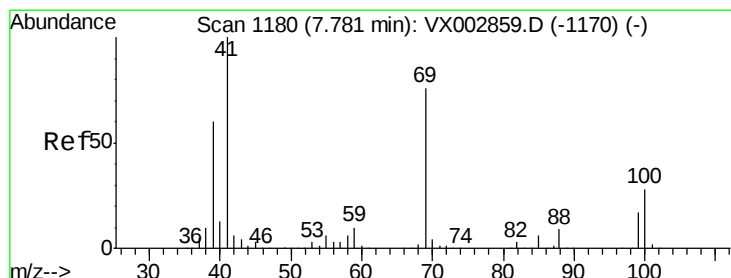
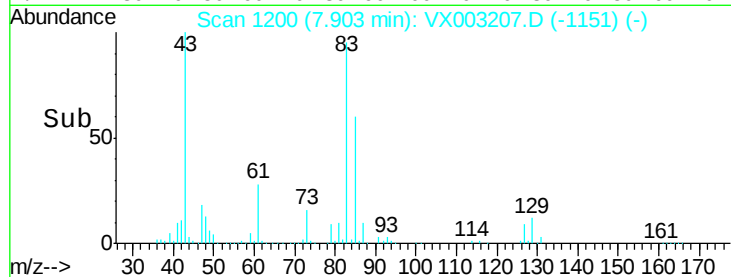
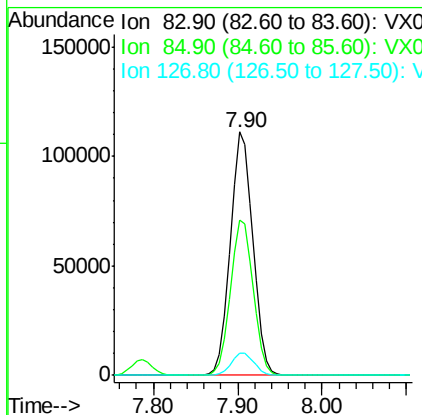
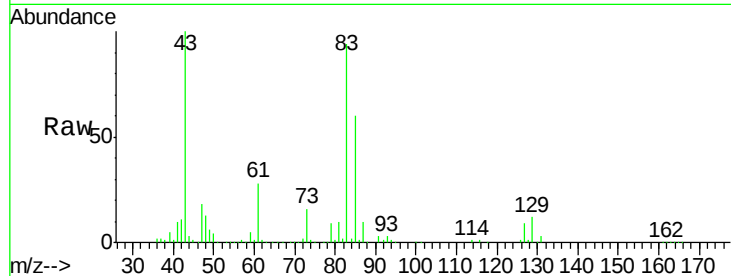
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	201762
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.3	75.5
127	9.1	7.0	10.4

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#48

Methyl methacrylate

Concen: 51.96 ug/l

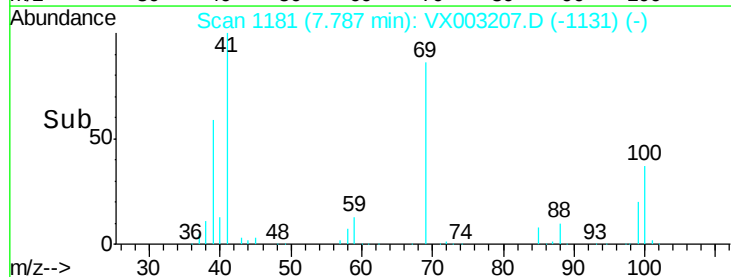
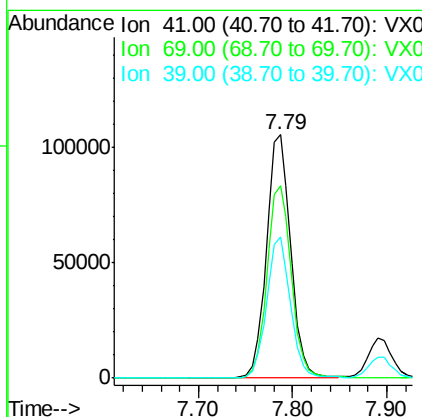
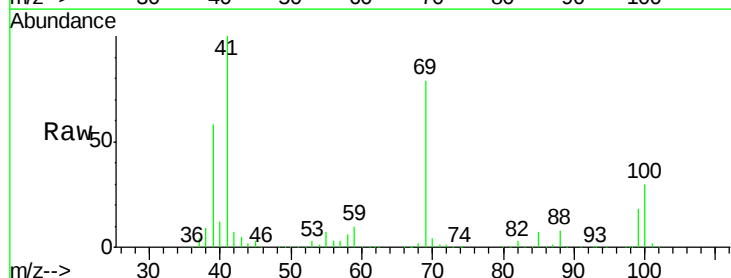
RT: 7.79 min Scan# 1181

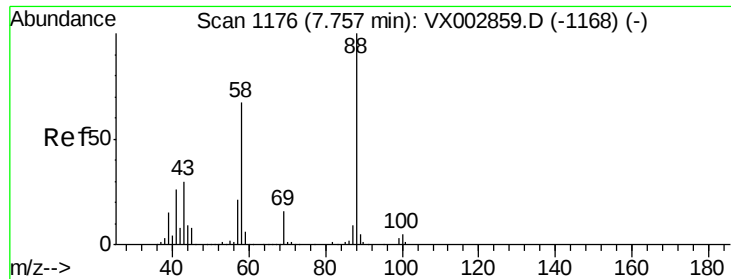
Delta R.T. 0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	41	Resp:	189359
Ion Ratio	Lower	Upper	
41	100		
69	80.0	59.1	88.7
39	57.1	48.9	73.3





#49

1,4-Dioxane

Concen: 1166.31 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

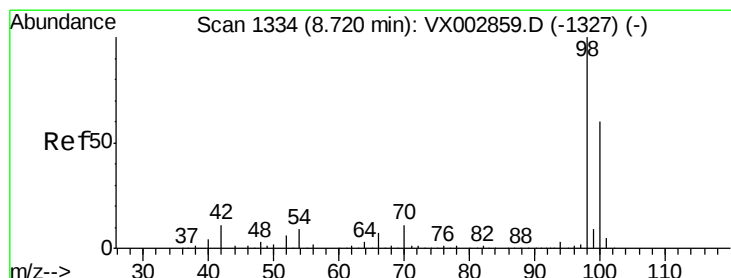
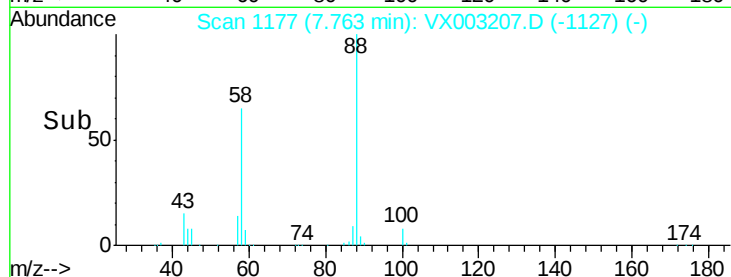
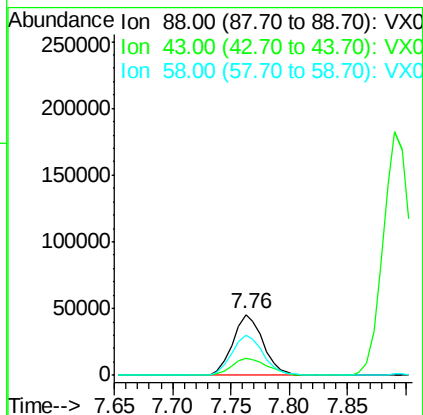
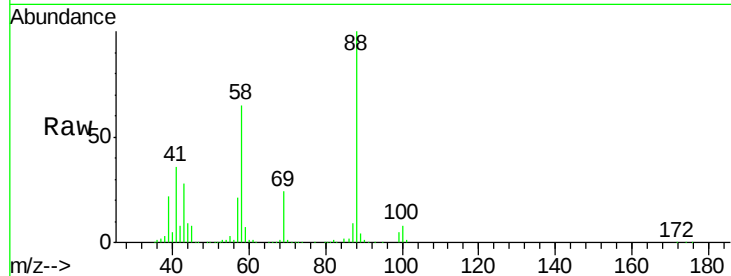
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	82687
Ion	Ratio	Lower	Upper
88	100		
43	34.1	29.8	44.6
58	69.4	57.1	85.7

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#50

Toluene-d8

Concen: 45.64 ug/l

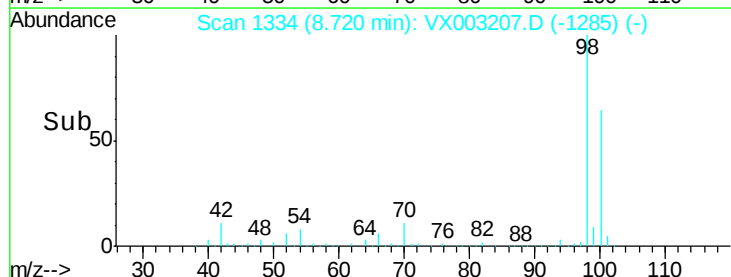
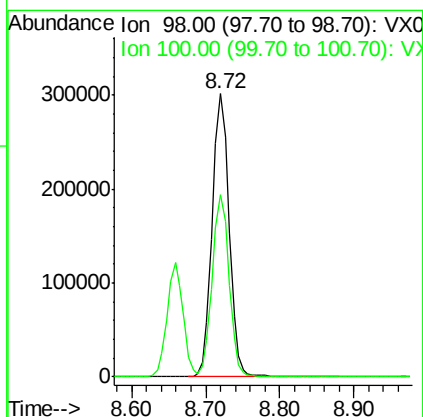
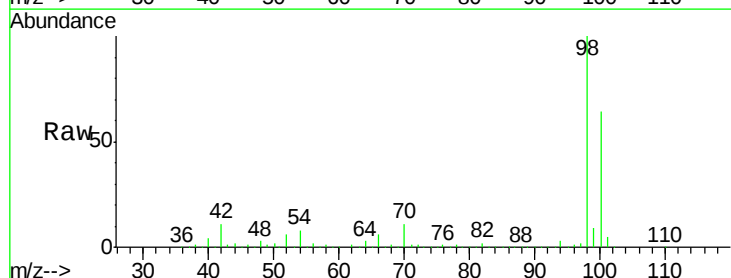
RT: 8.72 min Scan# 1334

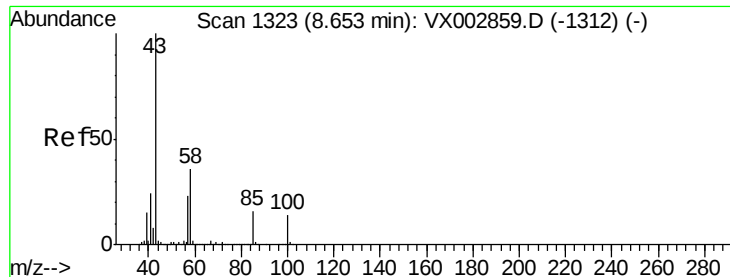
Delta R.T. 0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	98	Resp:	471401
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 277.60 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1228302

Ion Ratio Lower Upper

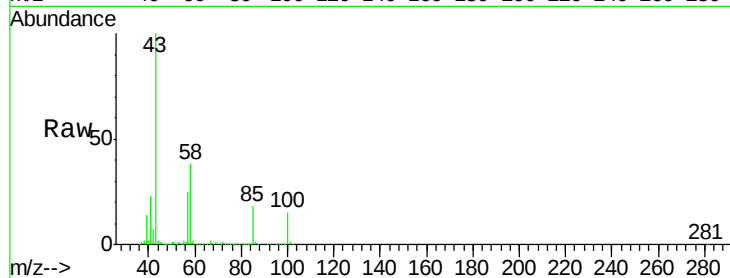
43 100

58 37.5 28.6 42.8

Manual Integrations
APPROVED

sam

7/6/2018 4:20:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

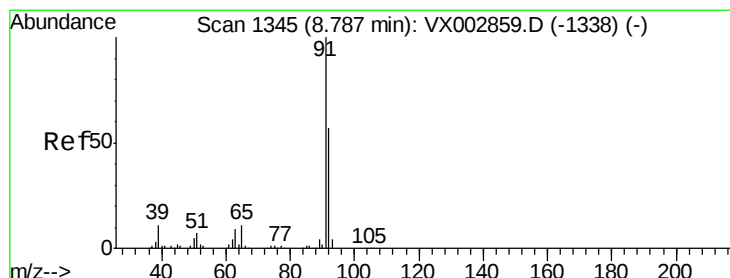
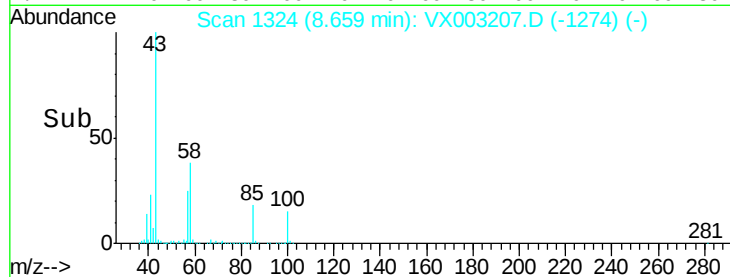
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003207.D

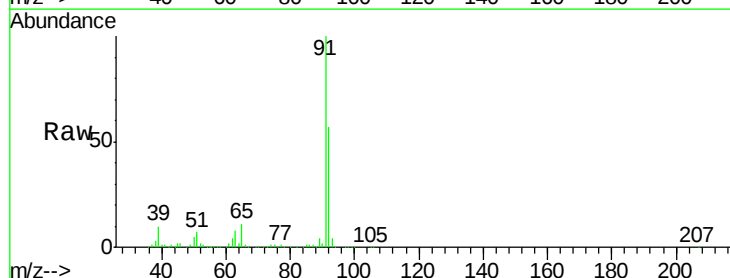
Acq: 06 Jul 2018 07:41

Tgt Ion: 92 Resp: 385735

Ion Ratio Lower Upper

92 100

91 174.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

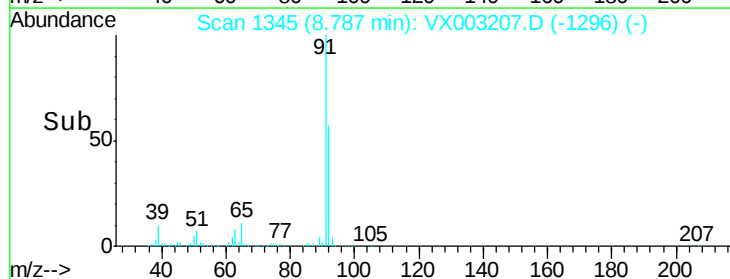
300000

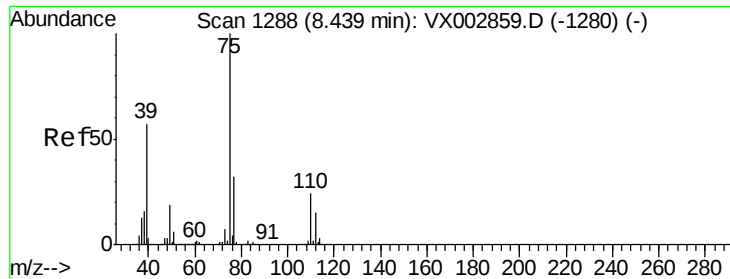
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 209347

Ion Ratio Lower Upper

75 100

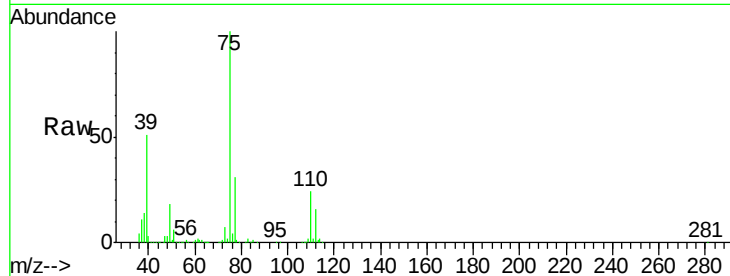
77 31.3 25.4 38.2

Manual Integrations

APPROVED

sam

7/6/2018 4:20:53 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

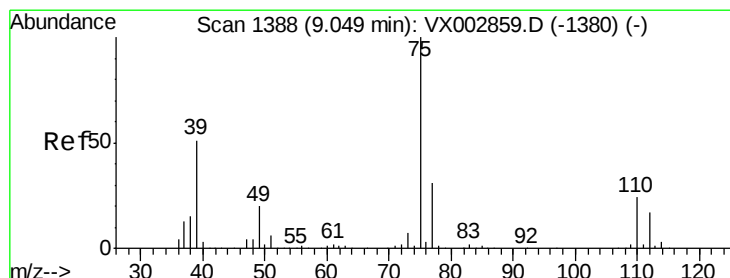
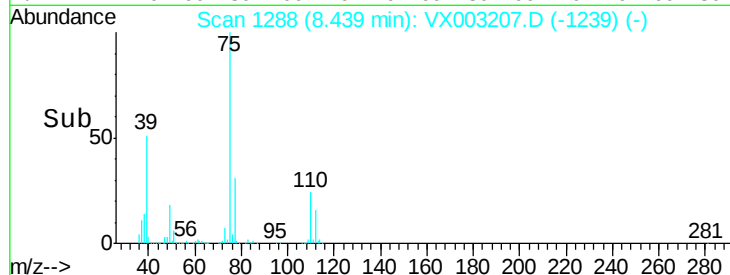
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.57 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

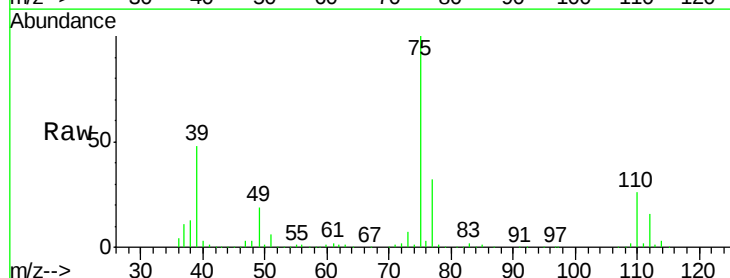
Tgt Ion: 75 Resp: 192308

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 47.7 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

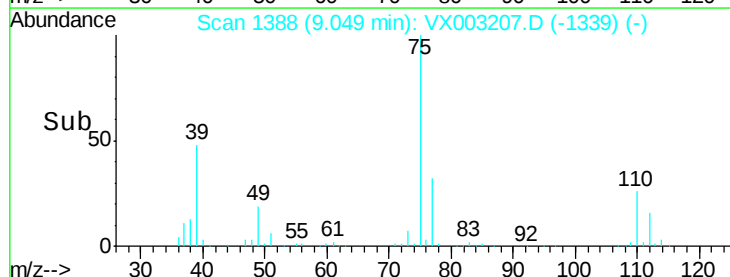
150000

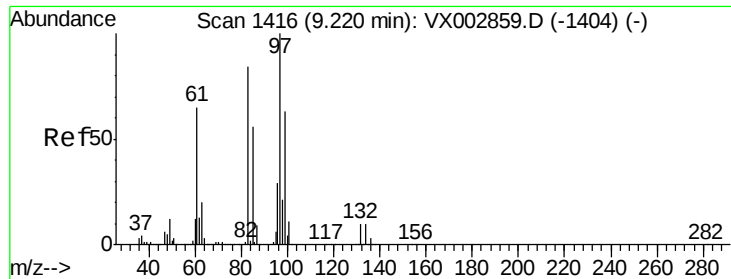
100000

50000

0

Time-->





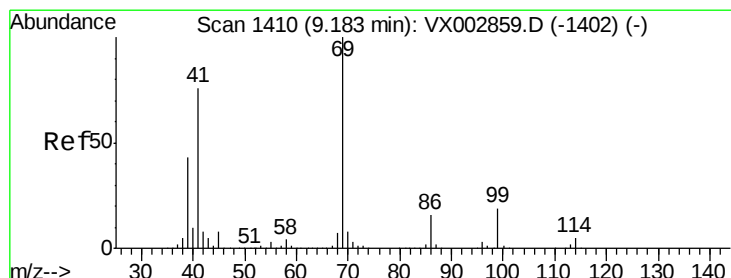
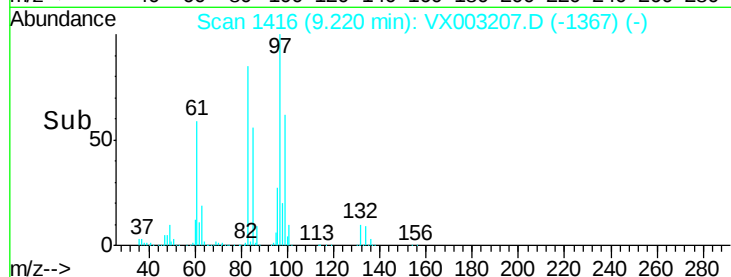
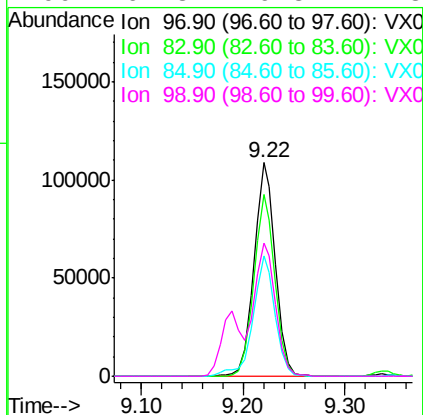
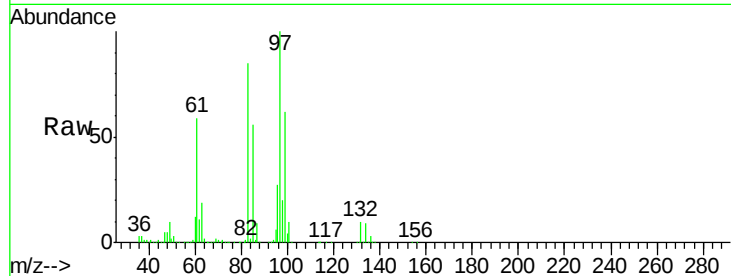
#55
 1,1,2-Trichloroethane
 Concen: 53.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	159261
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	56.3	44.9	67.3
99	62.3	49.8	74.8

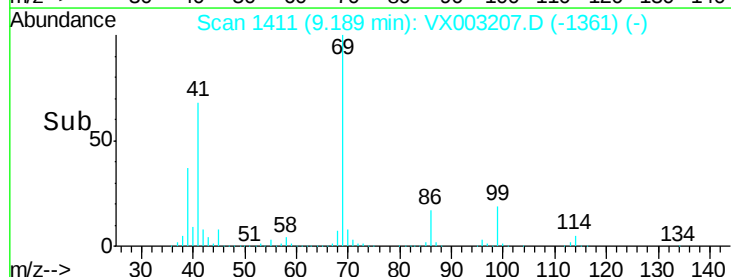
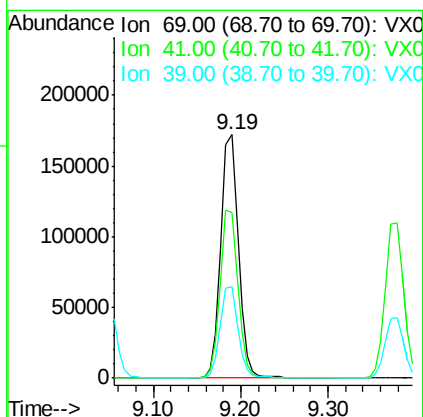
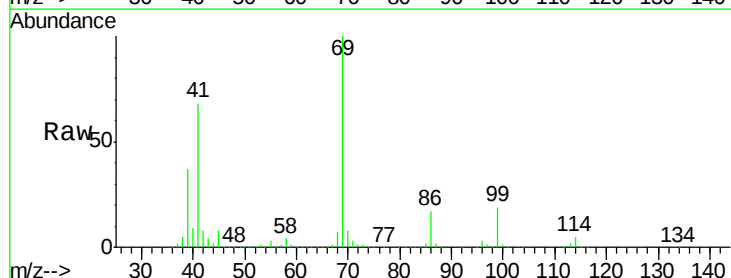
Manual Integrations
 APPROVED

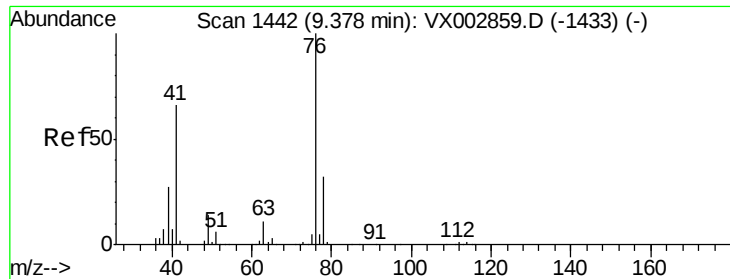
sam
 7/6/2018 4:20:53 PM



#56
 Ethyl methacrylate
 Concen: 55.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Tgt Ion:	69	Resp:	241036
Ion	Ratio	Lower	Upper
69	100		
41	69.7	60.3	90.5
39	38.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.55 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 258548

Ion Ratio Lower Upper

76 100

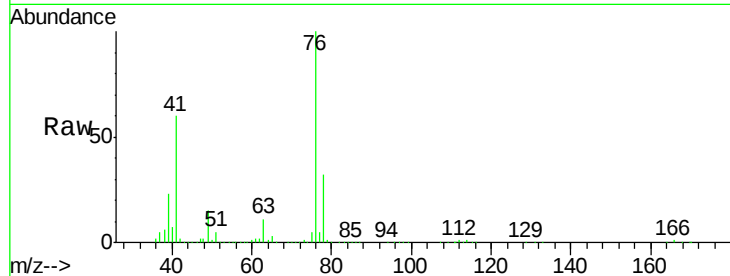
78 32.4 25.8 38.6

Manual Integrations

APPROVED

sam

7/6/2018 4:20:53 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

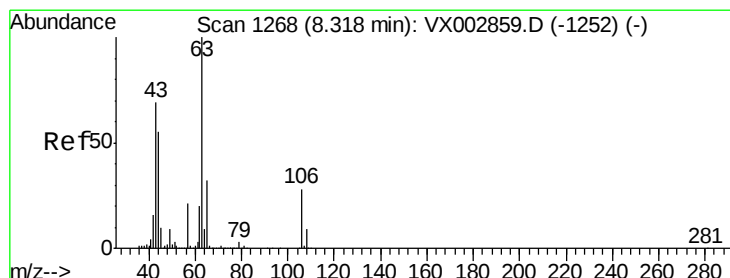
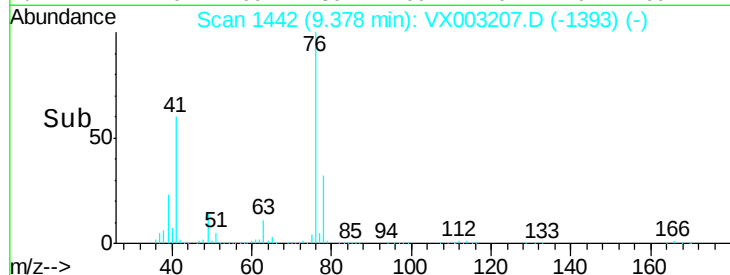
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.22 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003207.D

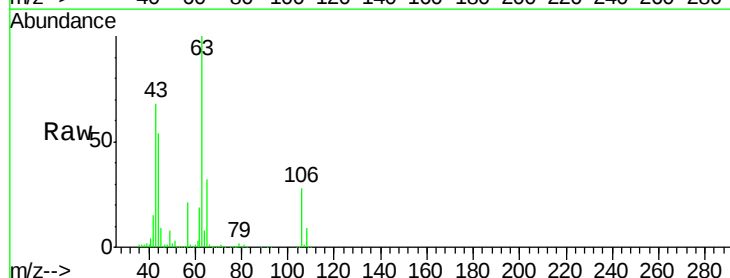
Acq: 06 Jul 2018 07:41

Tgt Ion: 63 Resp: 545390

Ion Ratio Lower Upper

63 100

106 29.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

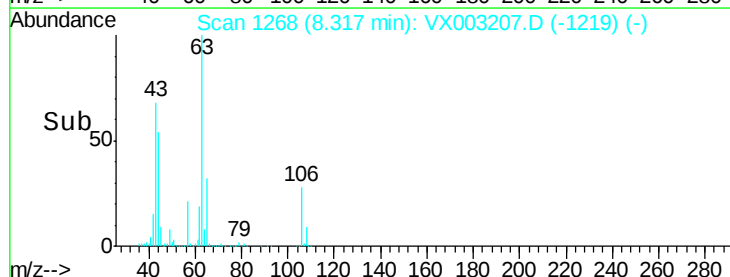
300000

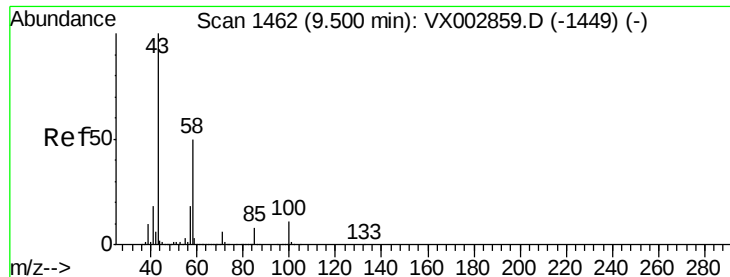
200000

100000

0

Time-->





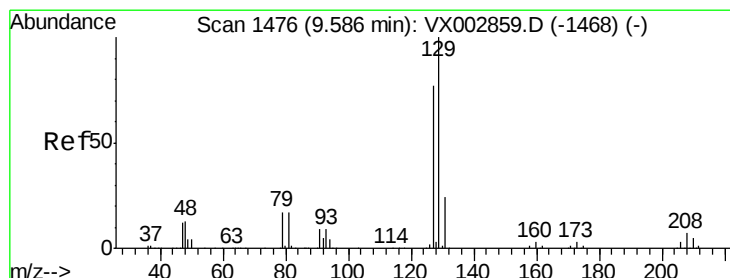
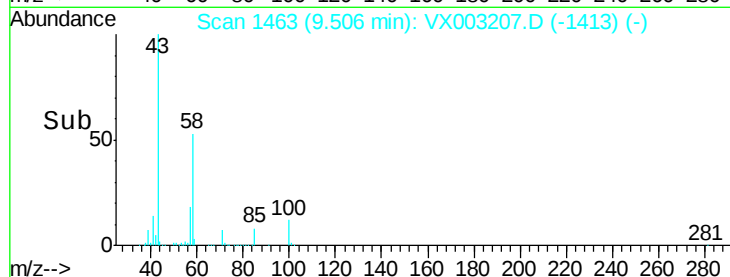
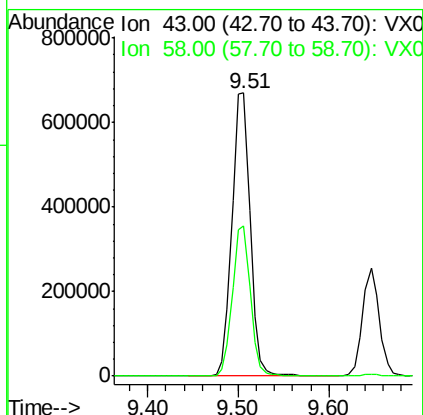
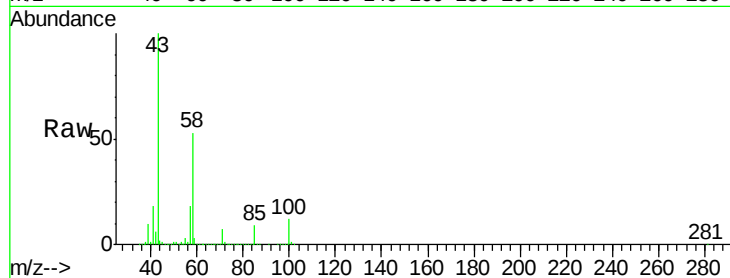
#59
2-Hexanone
Concen: 279.13 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 938665
Ion Ratio Lower Upper
43 100
58 52.4 24.6 73.6

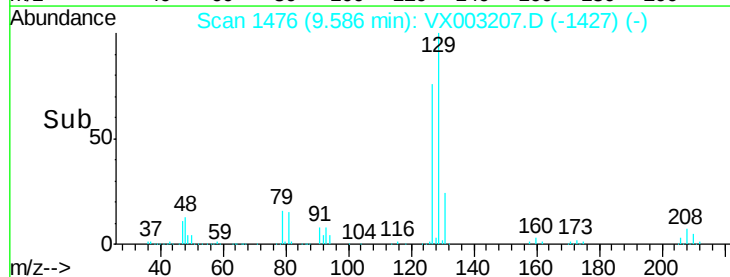
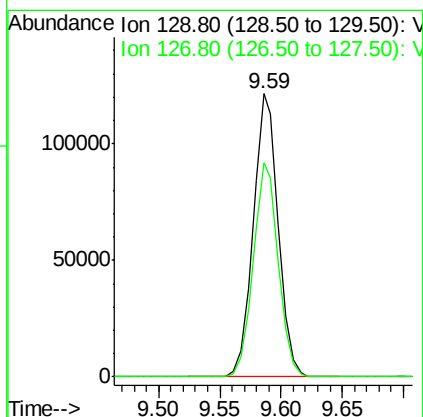
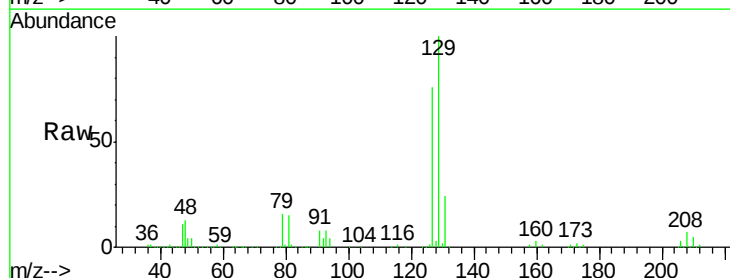
Manual Integrations
APPROVED

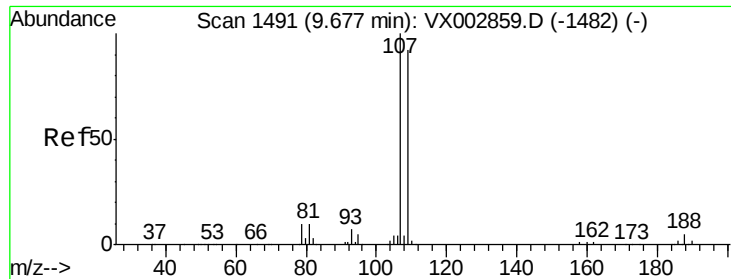
sam
7/6/2018 4:20:53 PM



#60
Dibromochloromethane
Concen: 54.69 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion: 129 Resp: 172472
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 169849

Ion Ratio Lower Upper

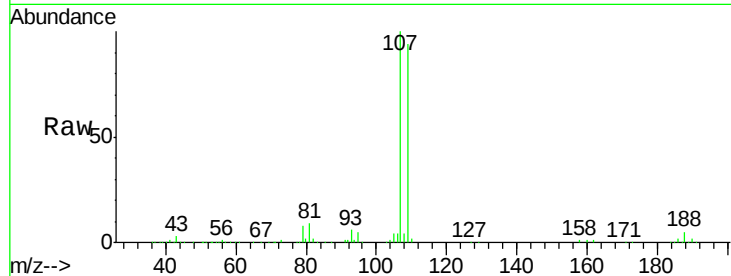
107 100

109 94.2 75.3 112.9

Manual Integrations
APPROVED

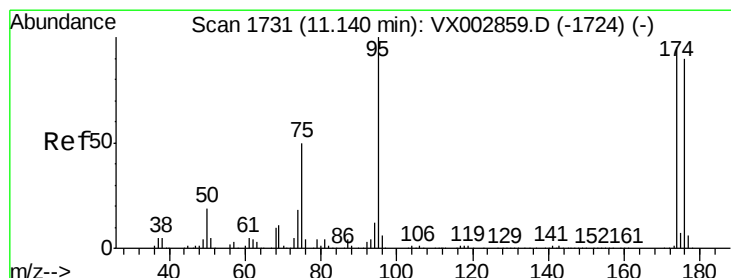
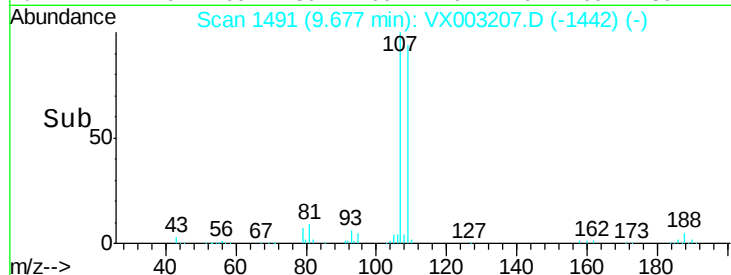
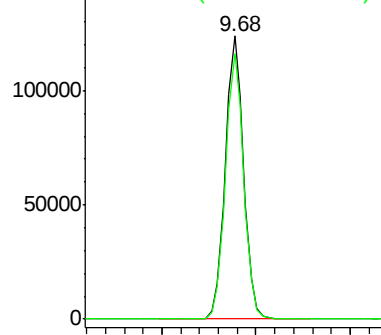
sam

7/6/2018 4:20:53 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

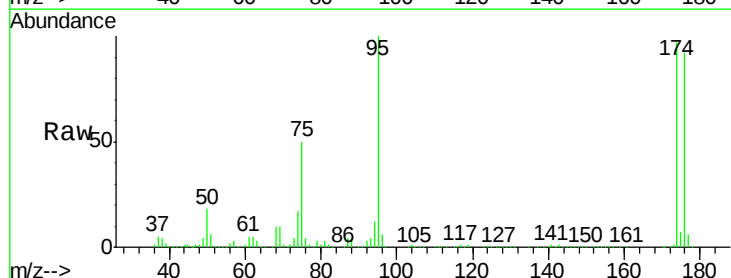
Tgt Ion: 95 Resp: 183499

Ion Ratio Lower Upper

95 100

174 98.8 0.0 187.4

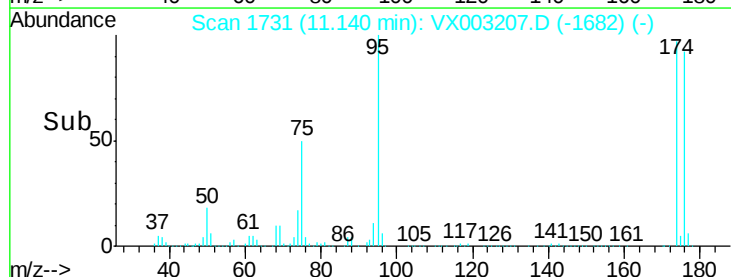
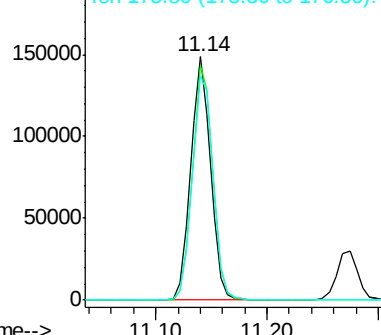
176 96.2 0.0 181.0

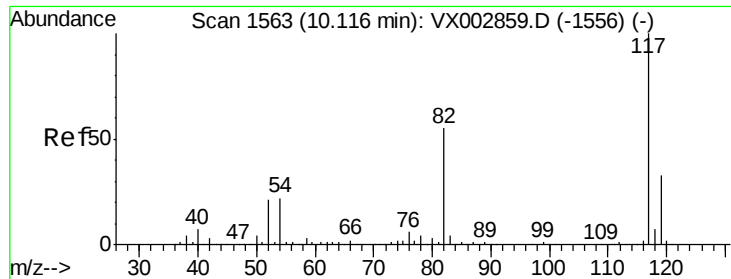


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





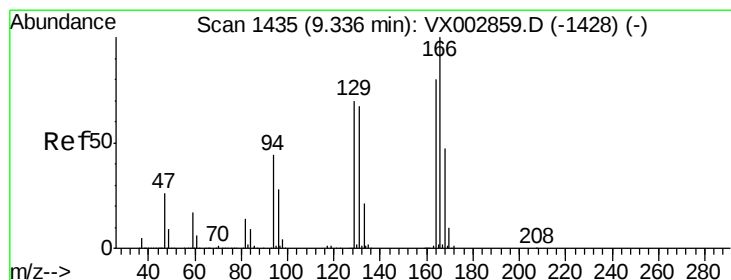
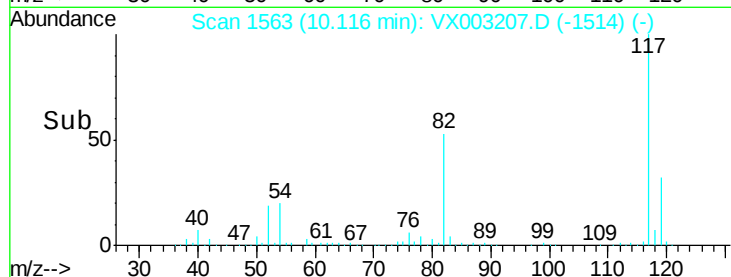
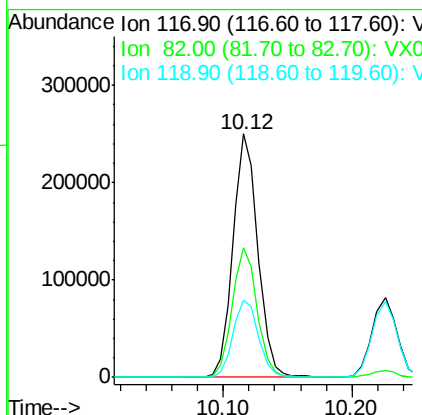
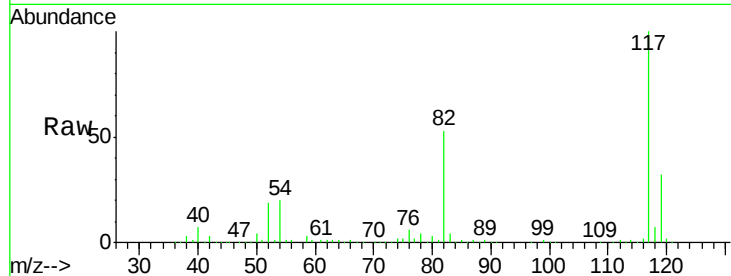
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.0	67.4
119	31.7	25.8	38.6

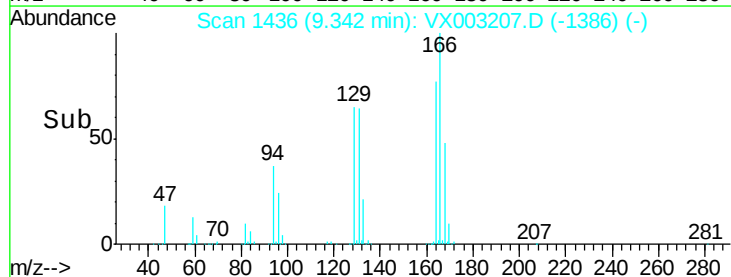
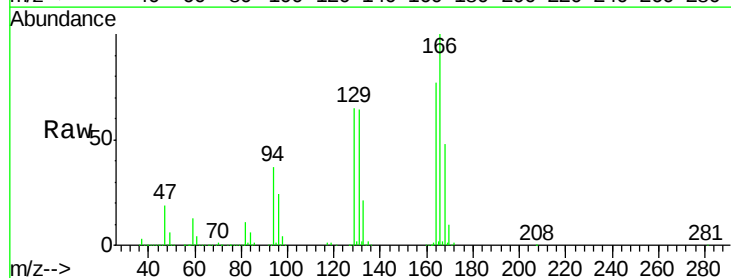
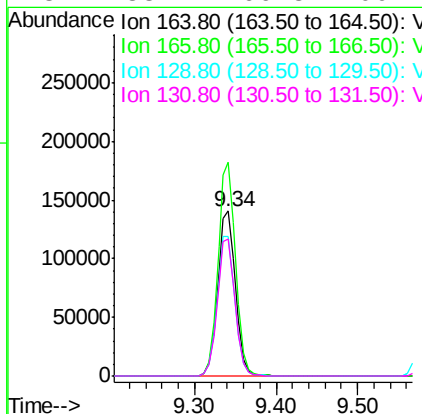
Manual Integrations
APPROVED

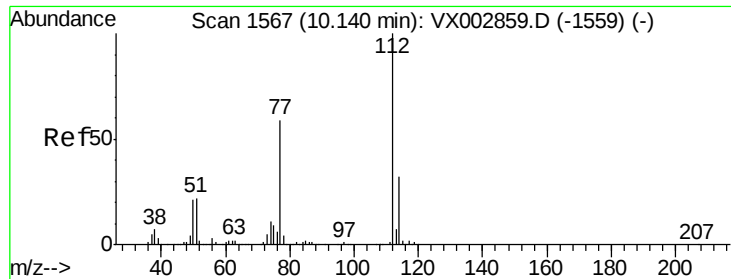
sam
7/6/2018 4:20:53 PM



#64
Tetrachloroethene
Concen: 56.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.9	154.3
129	84.6	68.6	102.8
131	83.1	66.8	100.2





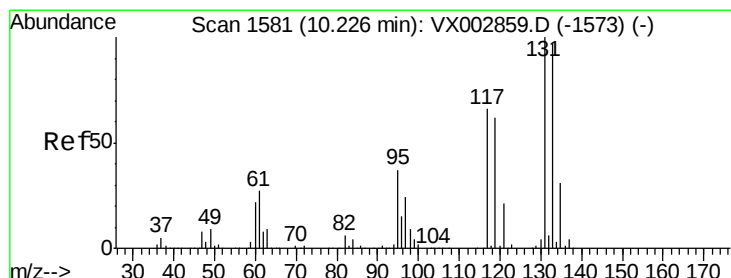
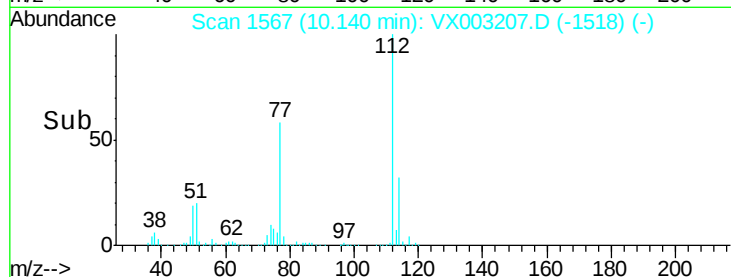
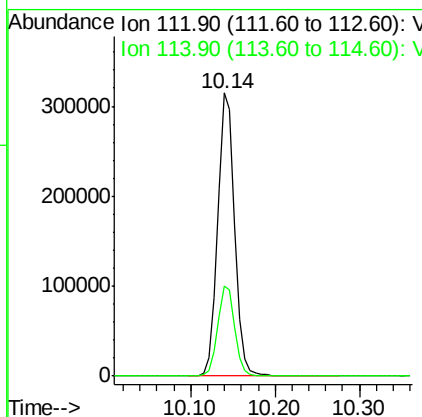
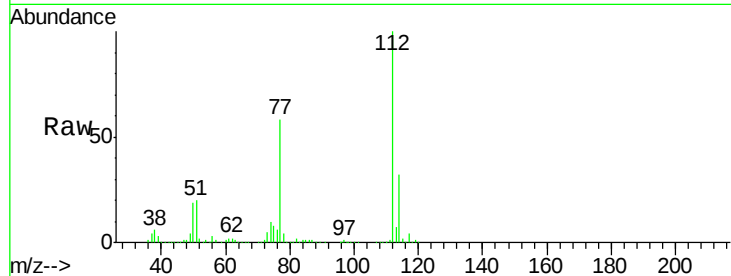
#65
Chlorobenzene
Concen: 51.08 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.3	37.9

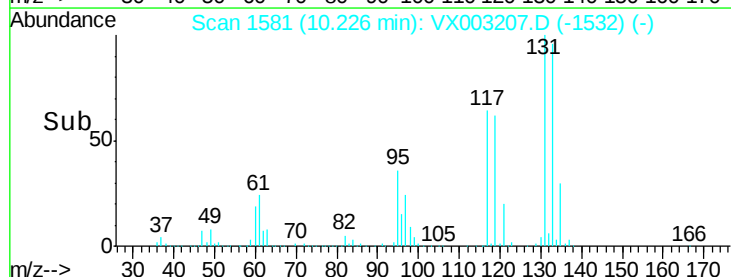
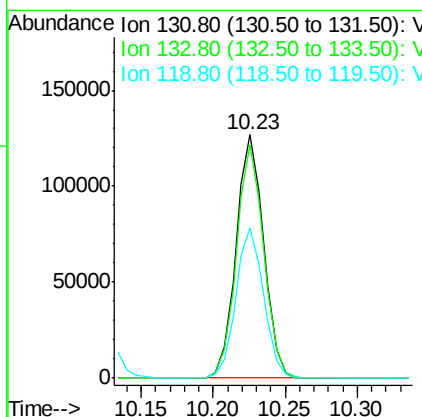
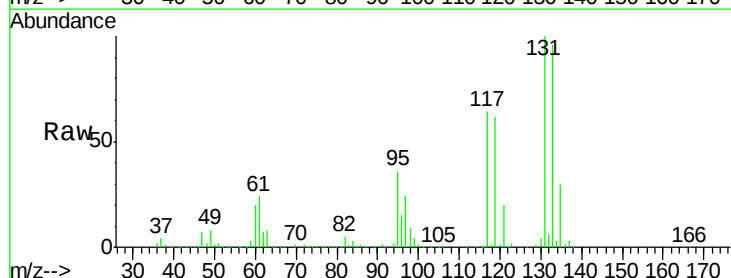
Manual Integrations
APPROVED

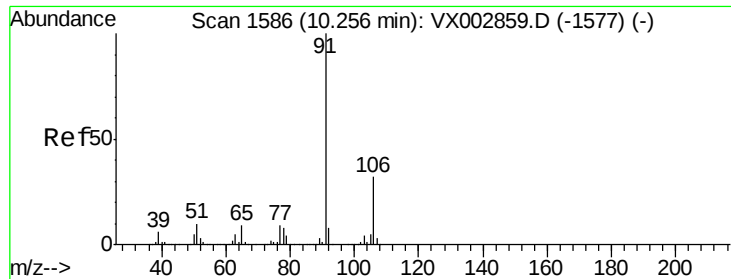
sam
7/6/2018 4:20:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.02 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.9	143.6
119	62.3	31.8	95.3





#67

Ethyl Benzene

Concen: 51.84 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 735707

Ion Ratio Lower Upper

91 100

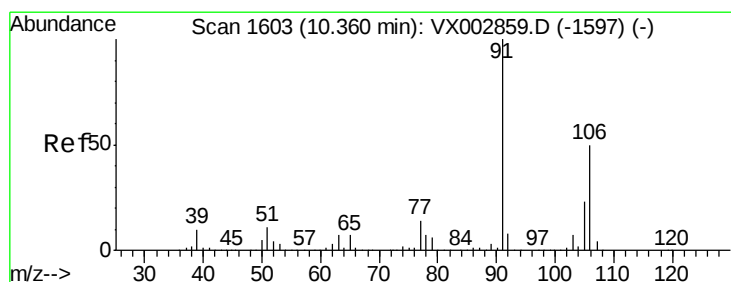
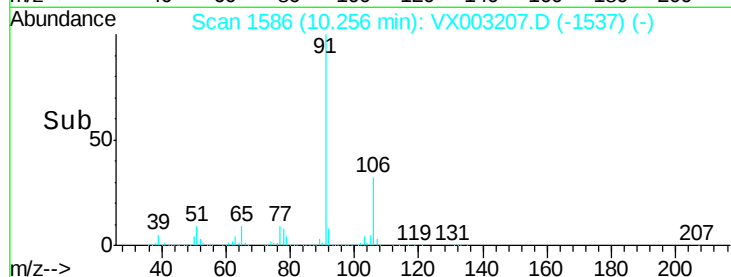
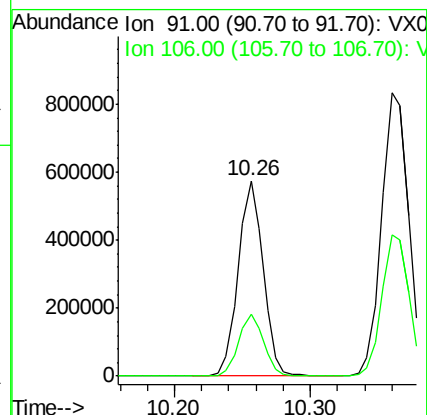
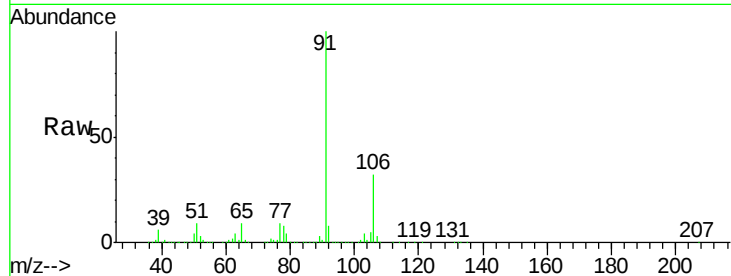
106 31.7 25.5 38.3

Manual Integrations

APPROVED

sam

7/6/2018 4:20:53 PM



#68

m/p-Xylenes

Concen: 106.31 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003207.D

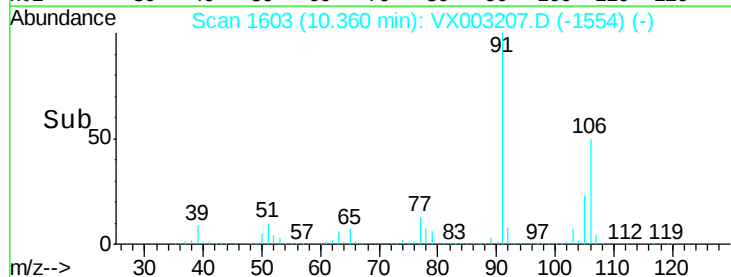
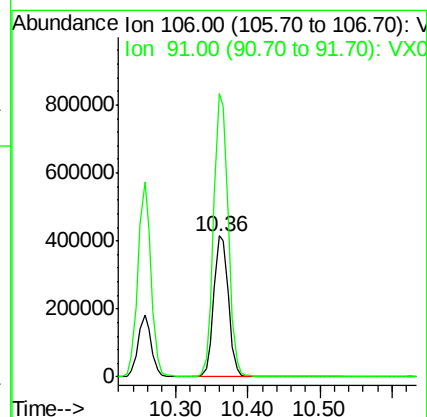
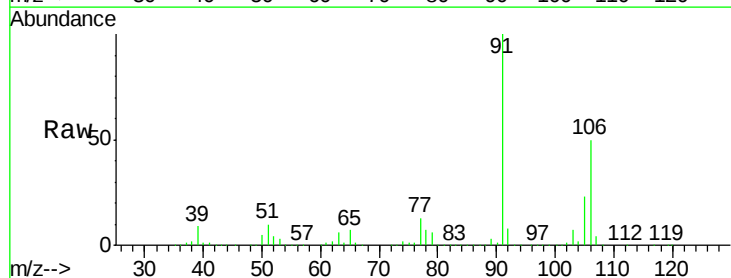
Acq: 06 Jul 2018 07:41

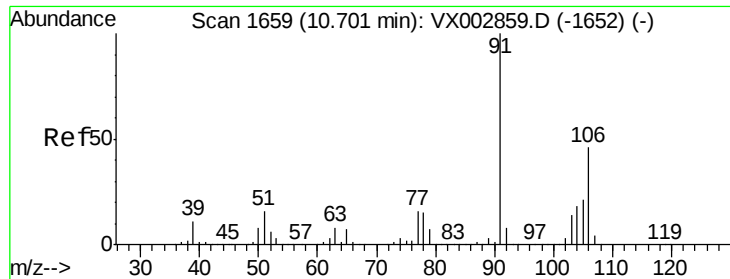
Tgt Ion: 106 Resp: 581451

Ion Ratio Lower Upper

106 100

91 199.2 163.4 245.2





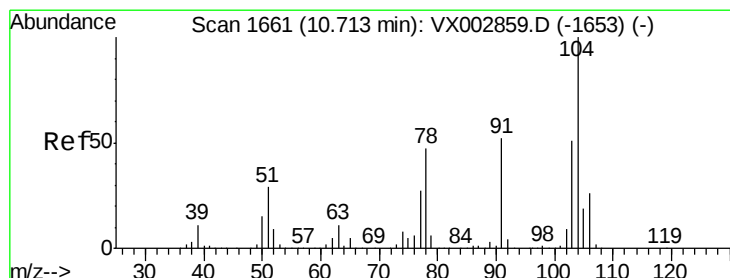
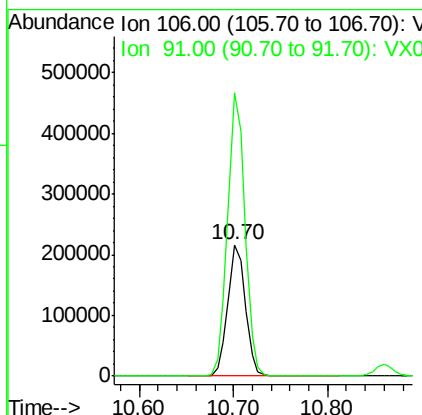
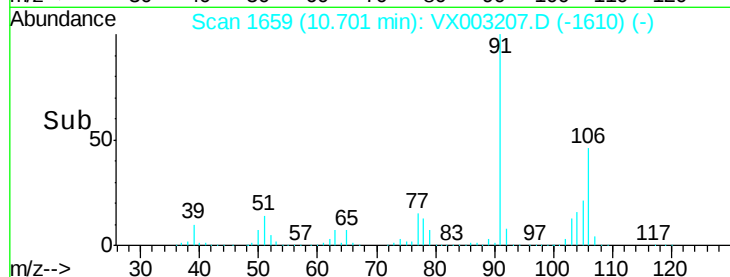
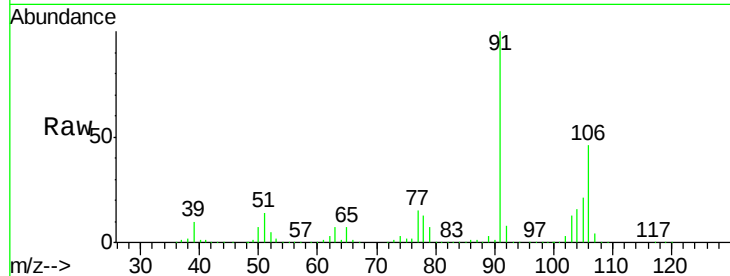
#69
o-Xylene
Concen: 53.08 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 282674
Ion Ratio Lower Upper
106 100
91 213.6 108.2 324.6

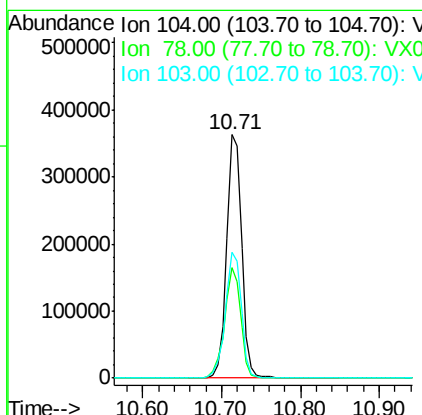
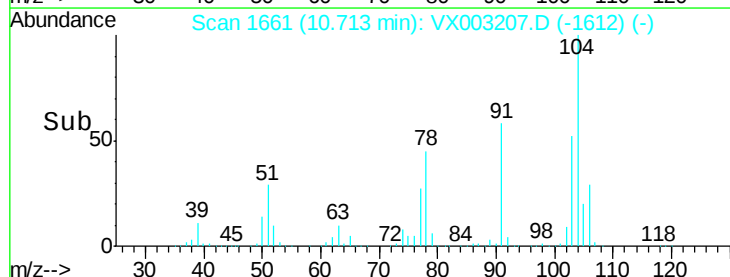
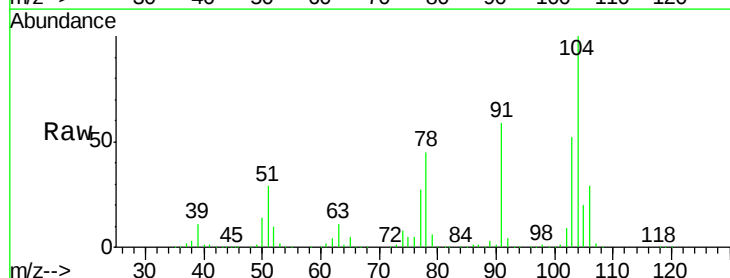
Manual Integrations
APPROVED

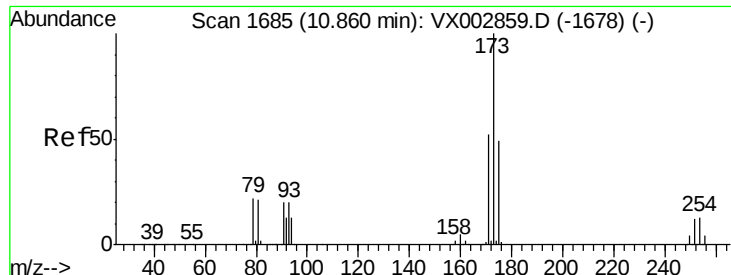
sam
7/6/2018 4:20:53 PM



#70
Styrene
Concen: 55.15 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion:104 Resp: 477250
Ion Ratio Lower Upper
104 100
78 48.9 41.0 61.6
103 55.4 44.2 66.4





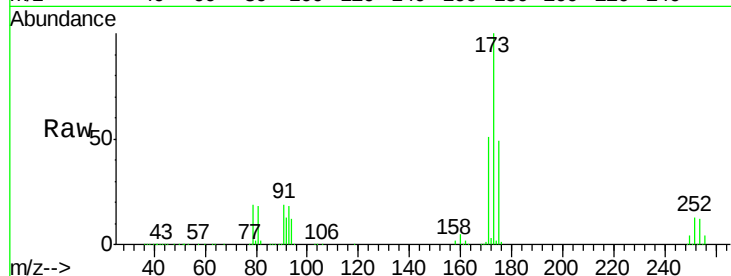
#71
Bromoform
Concen: 49.45 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



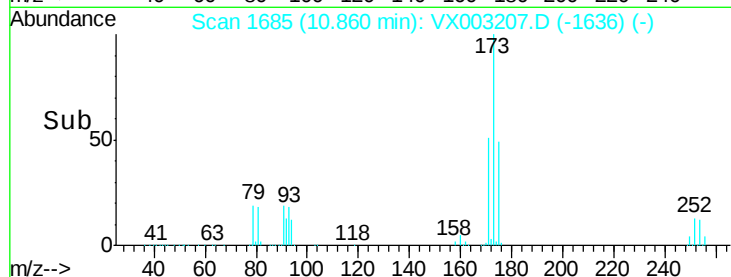
Abundance

Ion 172.70 (172.40 to 173.40): V

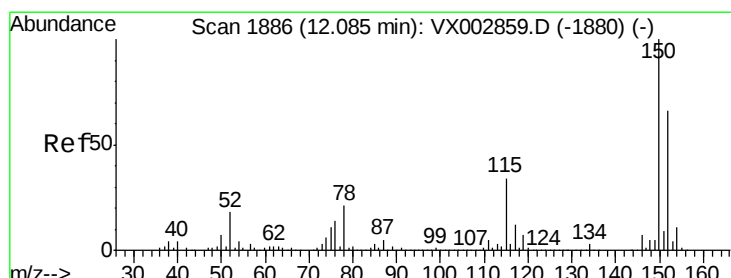
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.86

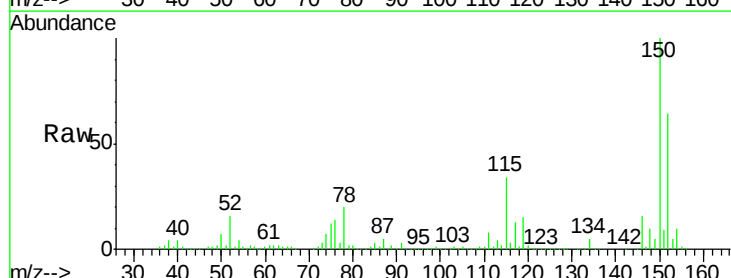


Time-->



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	40.1	120.2
150	173.5	0.0	347.2



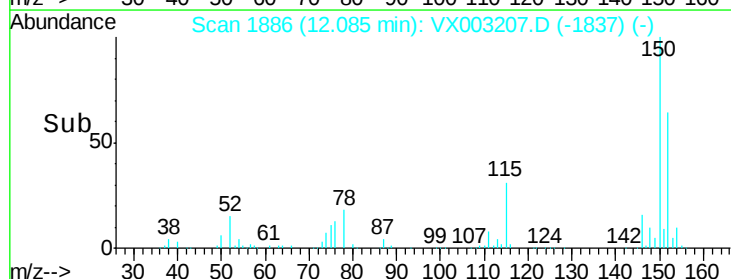
Abundance

Ion 151.90 (151.60 to 152.60): V

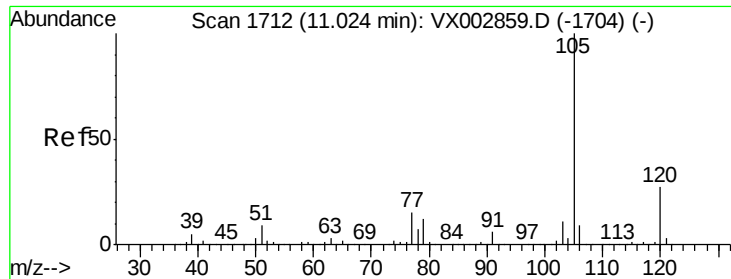
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

12.09



Time-->



#73

Isopropylbenzene

Concen: 52.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 768353

Ion Ratio Lower Upper

105 100

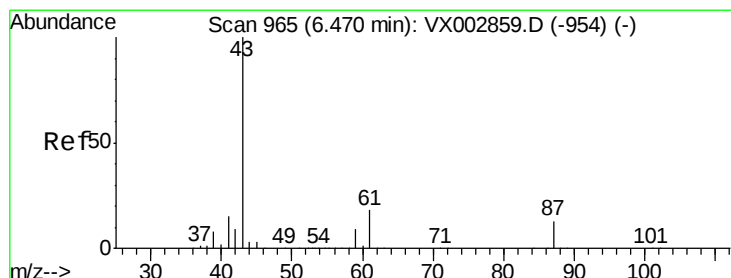
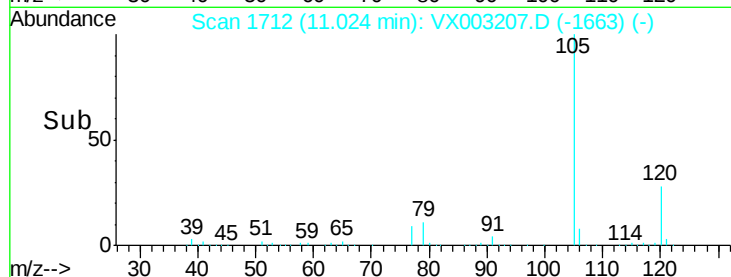
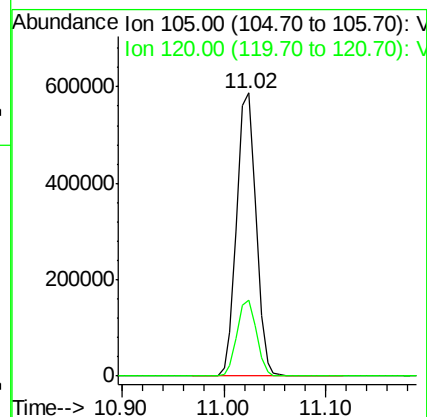
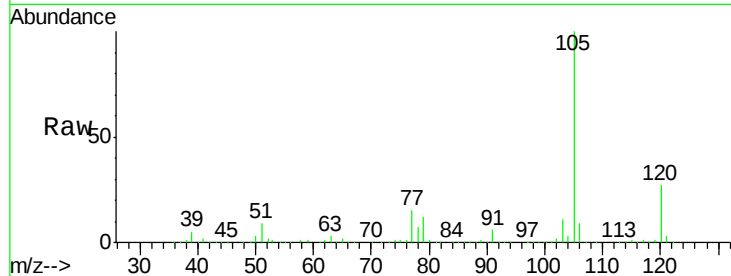
120 27.1 13.5 40.4

Manual Integrations

APPROVED

sam

7/6/2018 4:20:53 PM



#74

N-ethyl acetate

Concen: 50.67 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion: 43 Resp: 363660

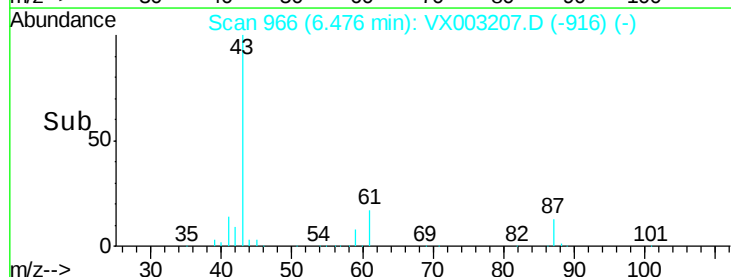
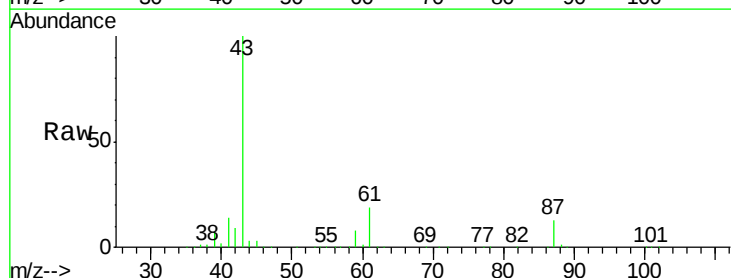
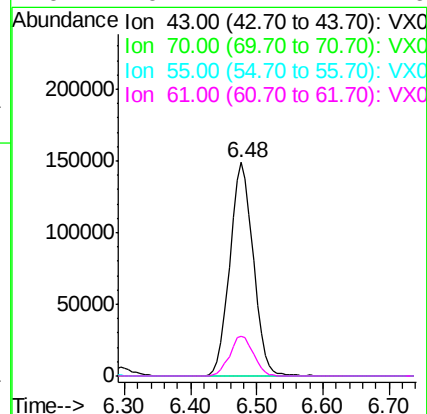
Ion Ratio Lower Upper

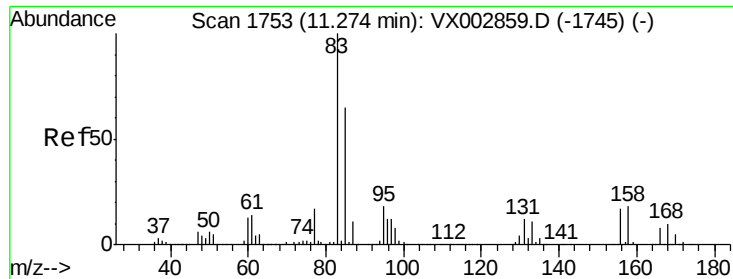
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.68 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

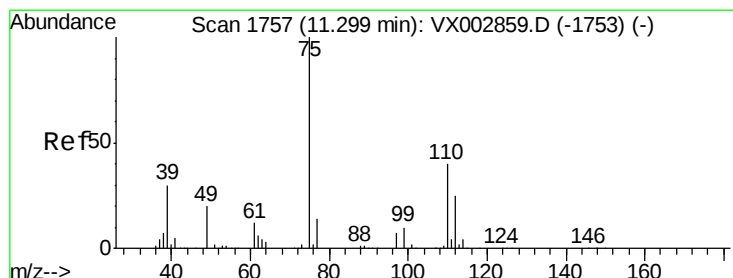
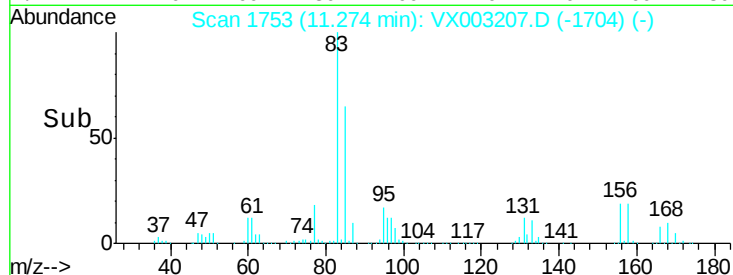
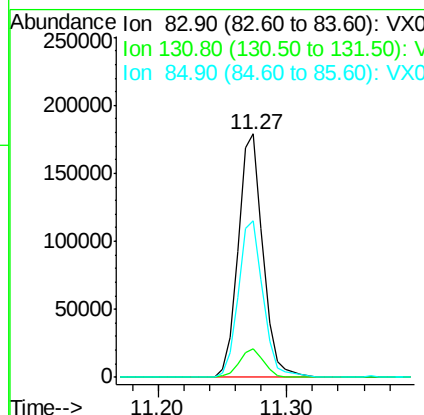
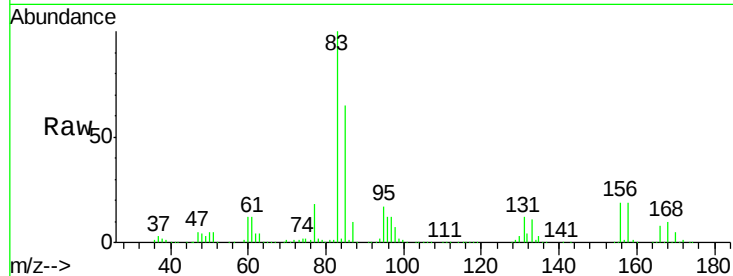
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	238024
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.6	16.8
85	64.9	32.4	97.2

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#76

1,2,3-Trichloropropane

Concen: 52.58 ug/l m

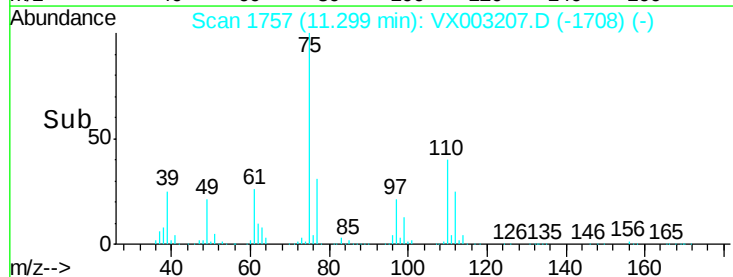
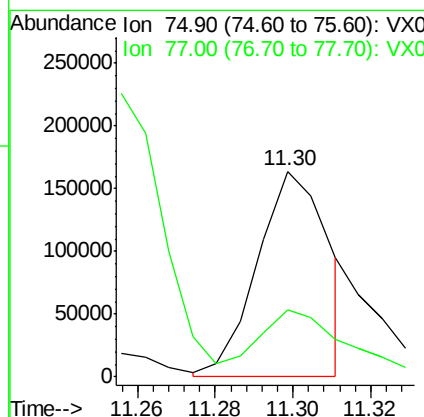
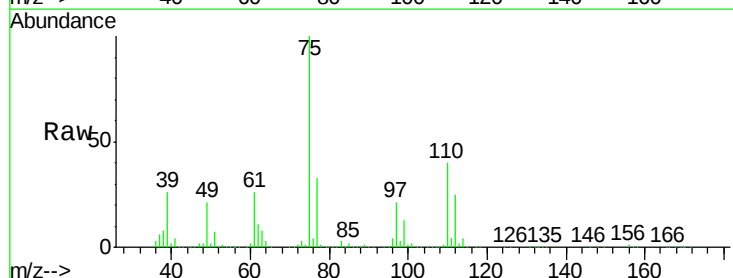
RT: 11.30 min Scan# 1757

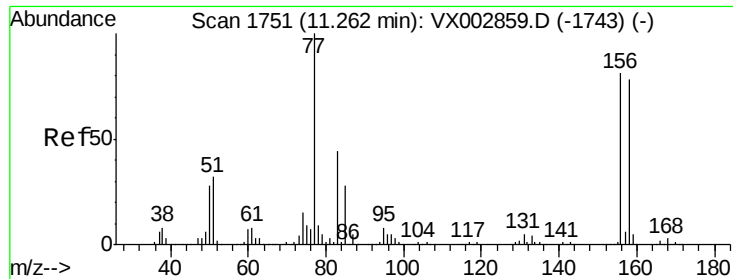
Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	75	Resp:	207670
Ion Ratio	Lower	Upper	
75	100		
77	40.8	22.8	68.3





#77

Bromobenzene

Concen: 51.96 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

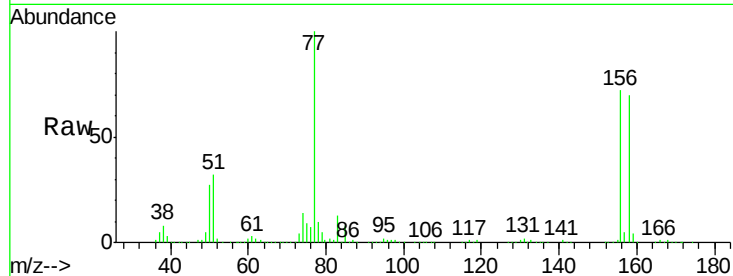
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	217022
Ion Ratio	Lower	Upper	
156	100		
77	133.6	71.4	214.2
158	97.1	48.9	146.6

Manual Integrations
APPROVED

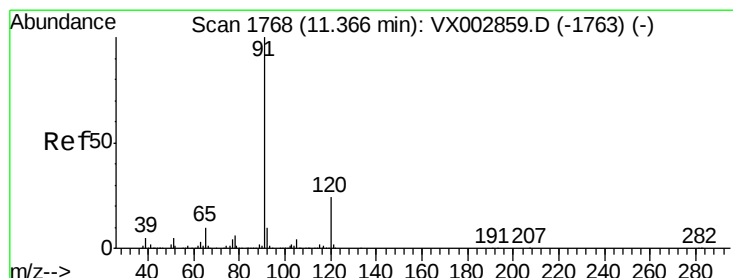
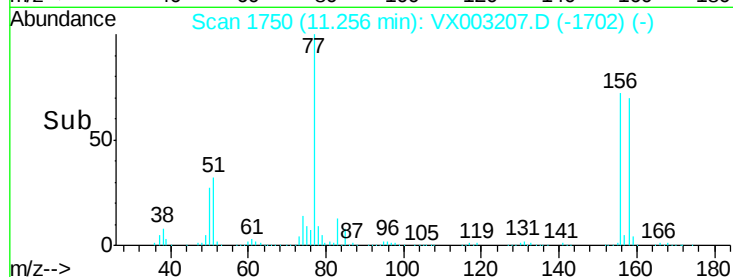
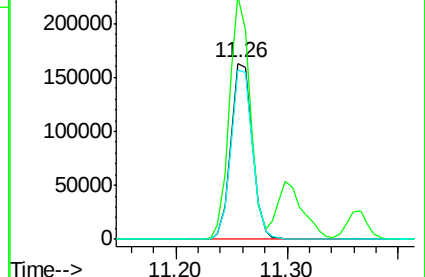
sam
7/6/2018 4:20:53 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.20 ug/l

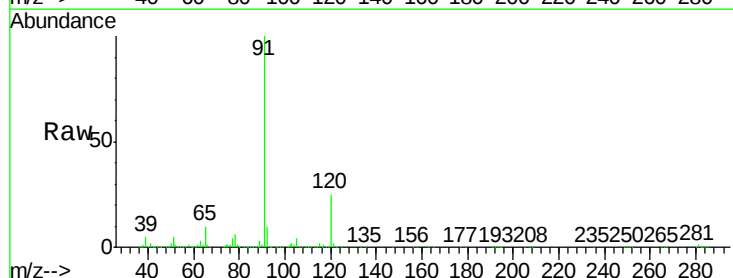
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003207.D

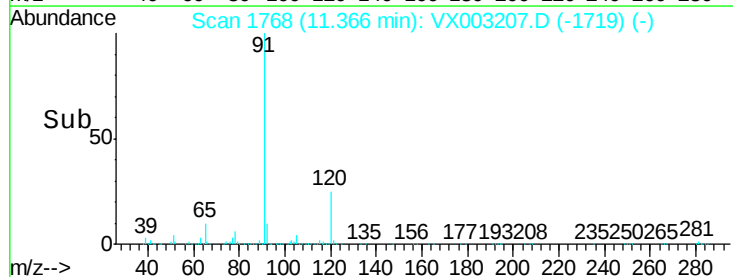
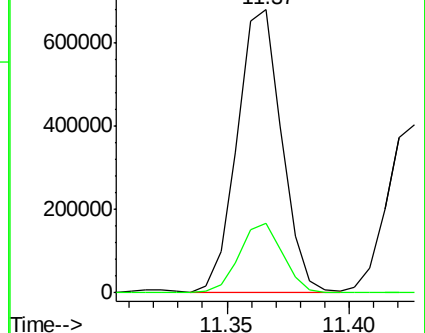
Acq: 06 Jul 2018 07:41

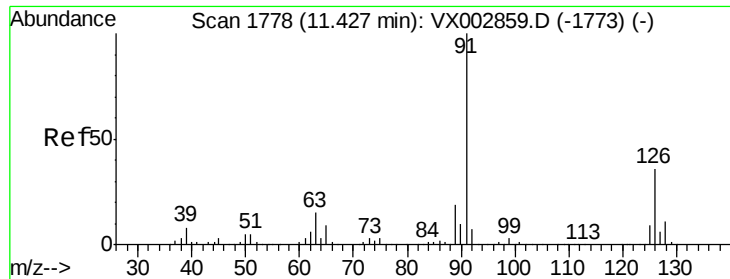
Tgt Ion:	91	Resp:	854789
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.79 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 513448

Ion Ratio Lower Upper

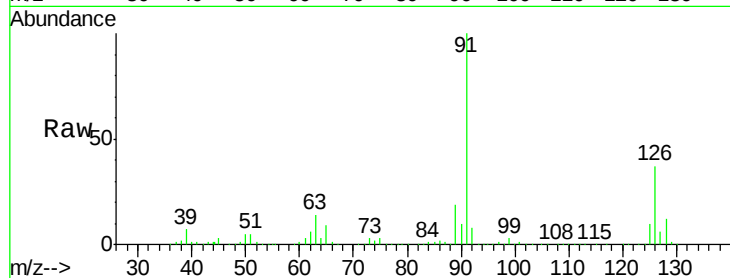
91 100

126 36.5 17.7 53.1

Manual Integrations
APPROVED

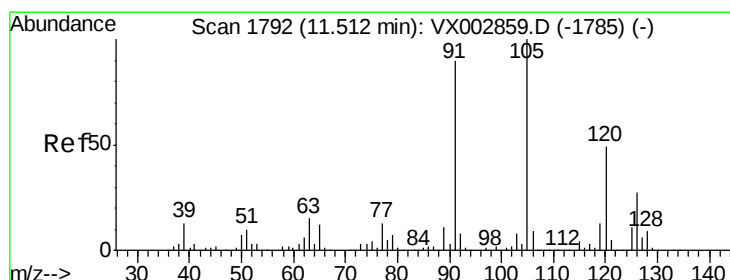
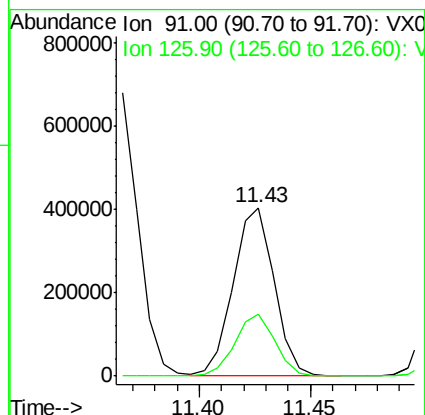
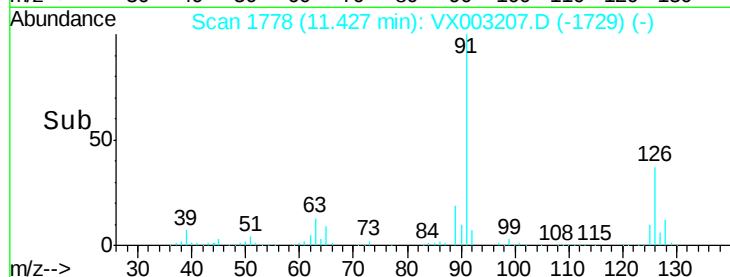
sam

7/6/2018 4:20:53 PM



Abundance Ion 91.00 (90.70 to 91.70): VX003207.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX003207.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003207.D

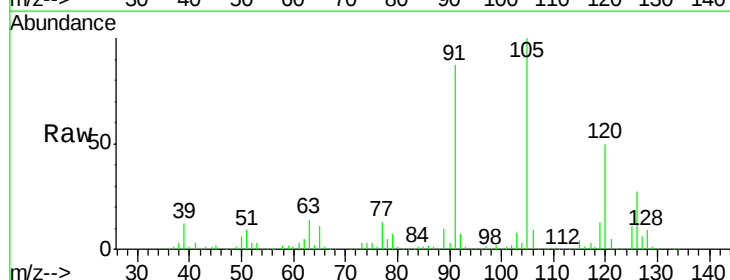
Acq: 06 Jul 2018 07:41

Tgt Ion: 105 Resp: 644760

Ion Ratio Lower Upper

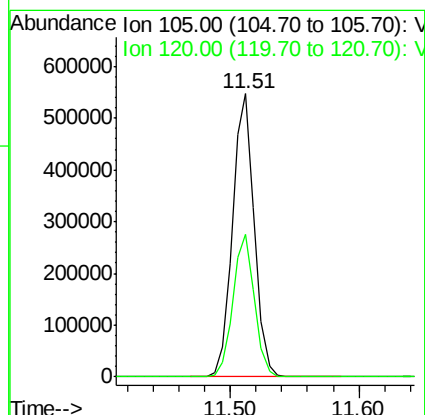
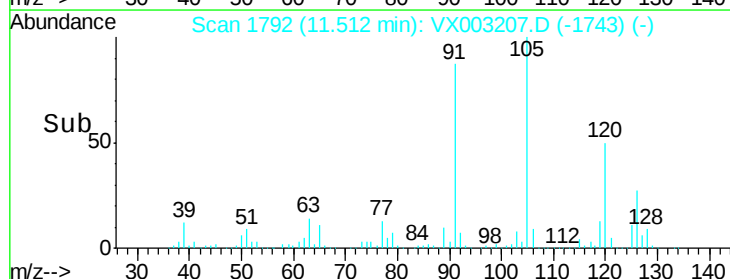
105 100

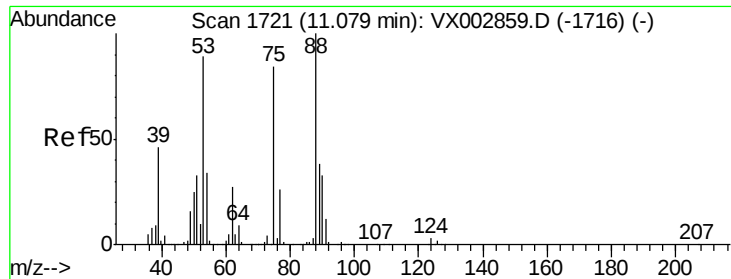
120 50.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003207.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX003207.D (-1743) (-)





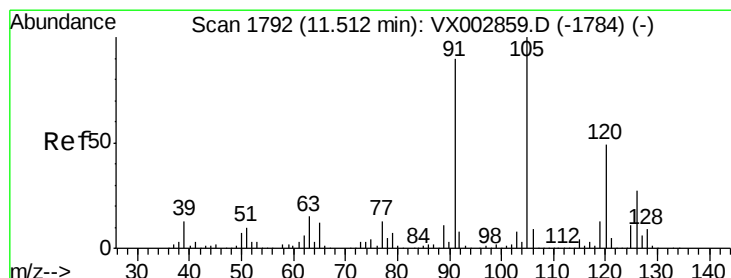
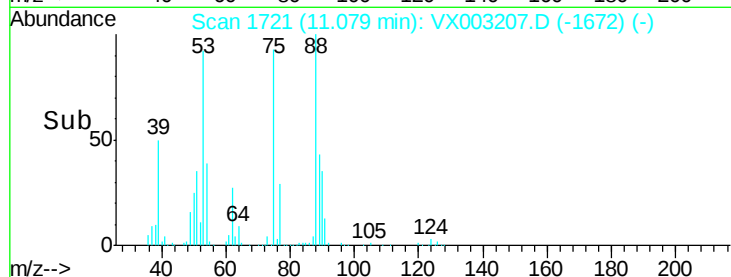
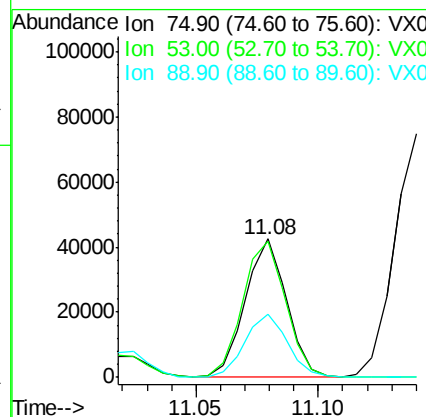
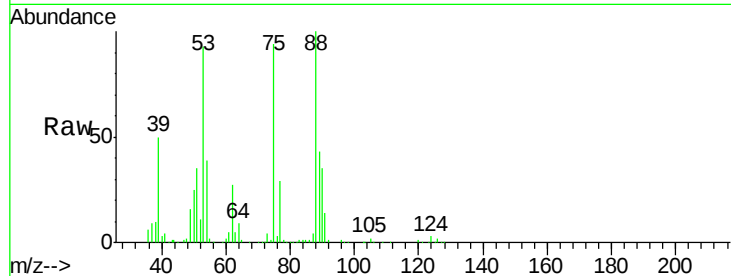
#81
trans-1,4-Dichloro-2-butene
Concen: 37.50 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	86.8	130.2
89	47.6	38.2	57.2

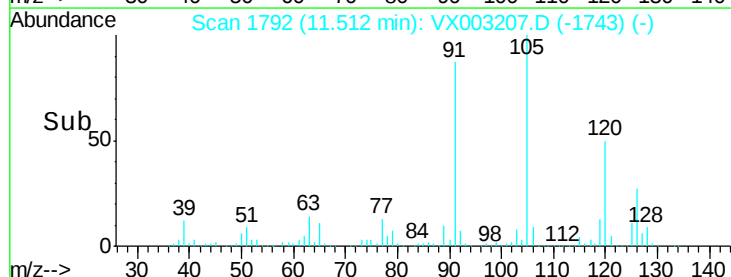
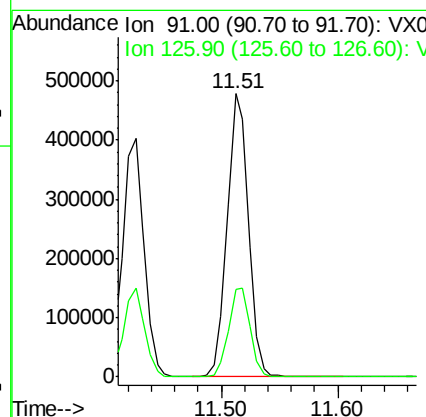
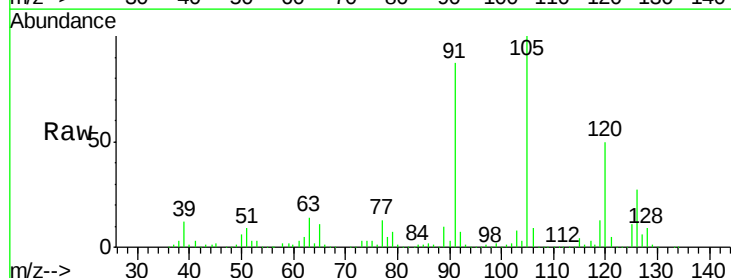
Manual Integrations
APPROVED

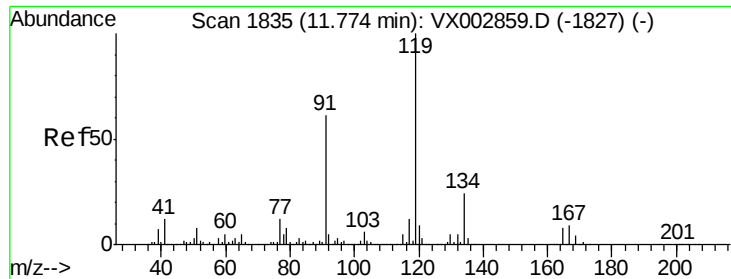
sam
7/6/2018 4:20:53 PM



#82
4-Chlorotoluene
Concen: 50.15 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.4	46.4





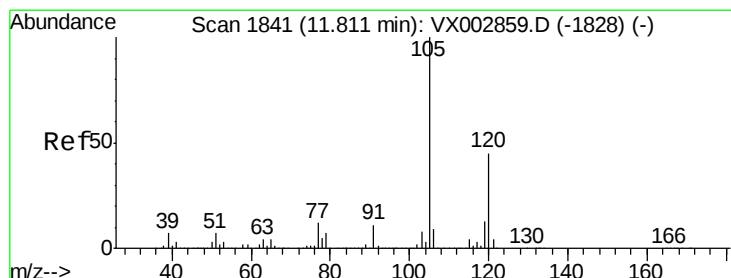
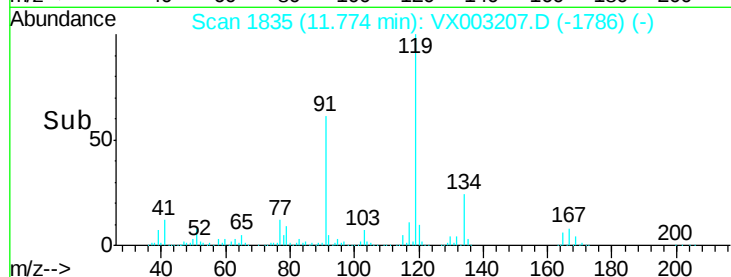
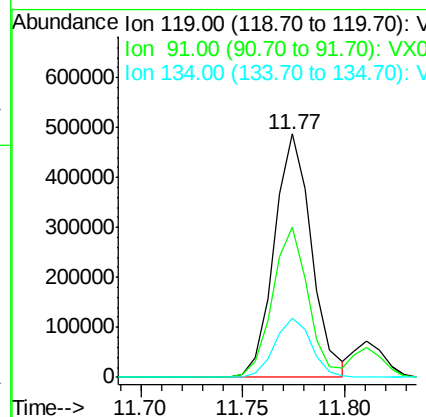
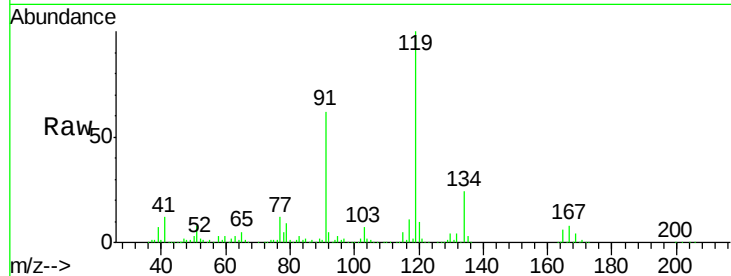
#83
tert-Butylbenzene
Concen: 50.95 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	30.3	90.9
134	24.1	11.7	35.1

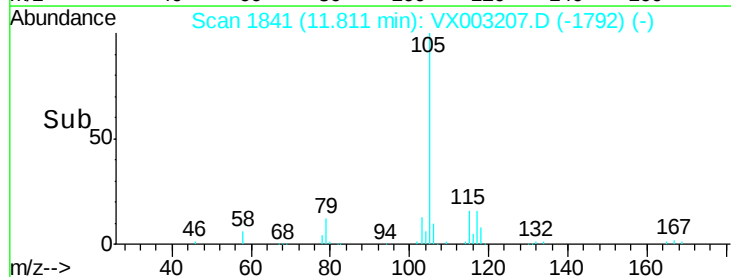
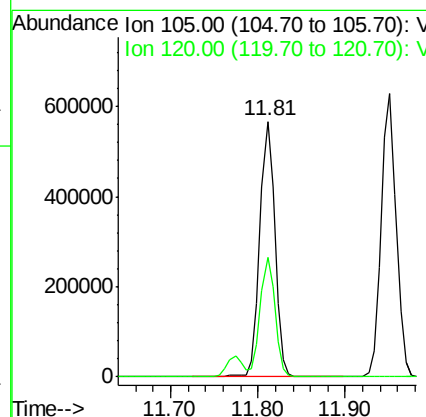
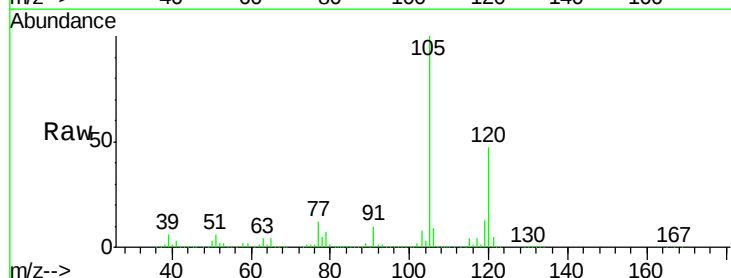
Manual Integrations
APPROVED

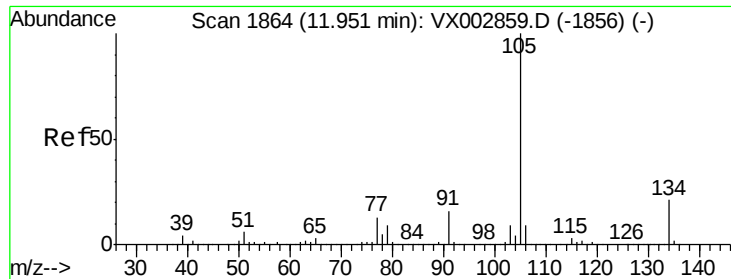
sam
7/6/2018 4:20:53 PM



#84
1,2,4-Trimethylbenzene
Concen: 52.49 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 50.97 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 752902

Ion Ratio Lower Upper

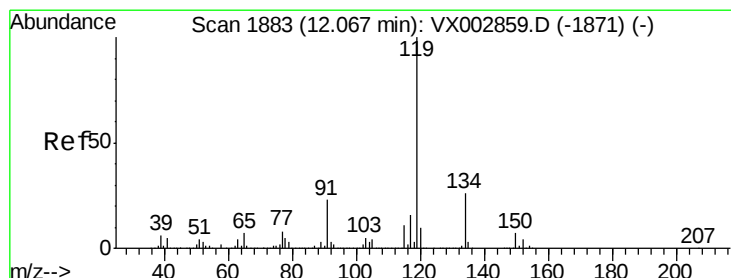
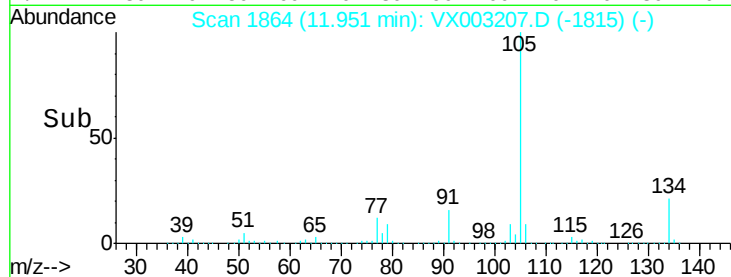
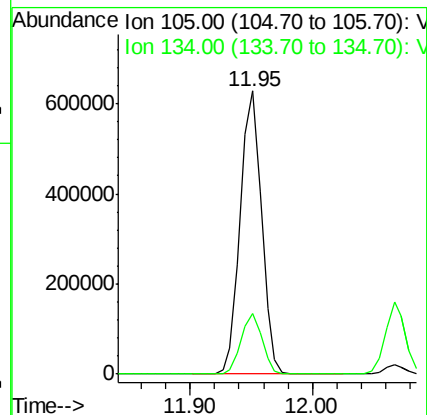
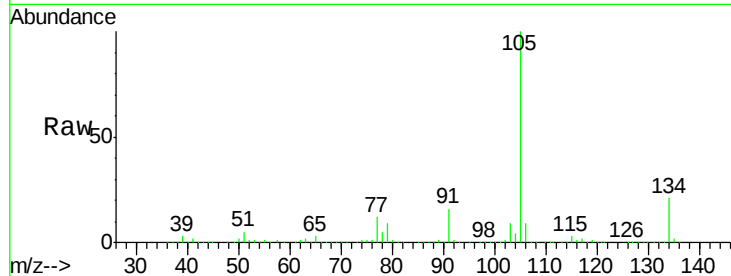
105 100

134 21.1 10.4 31.1

Manual Integrations
APPROVED

sam

7/6/2018 4:20:53 PM



#86

p-Isopropyltoluene

Concen: 51.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

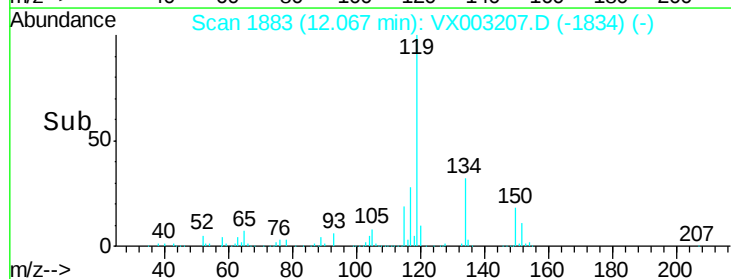
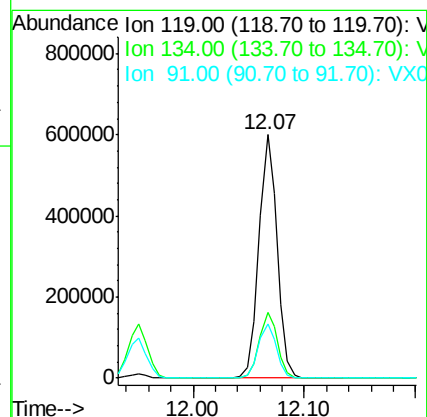
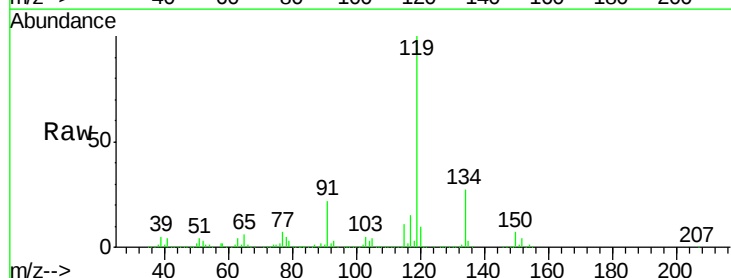
Tgt Ion:119 Resp: 680721

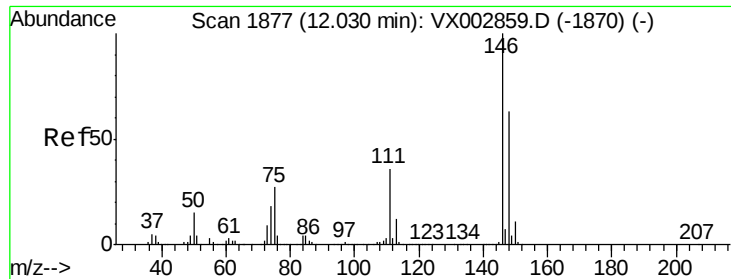
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 50.97 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

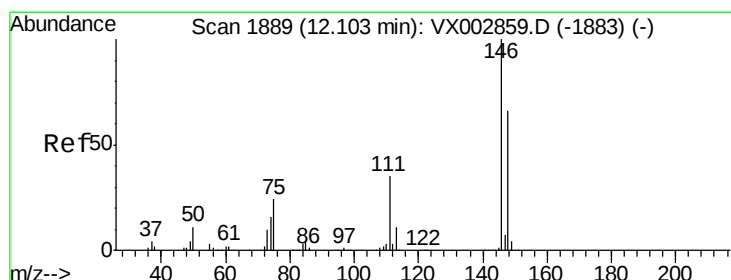
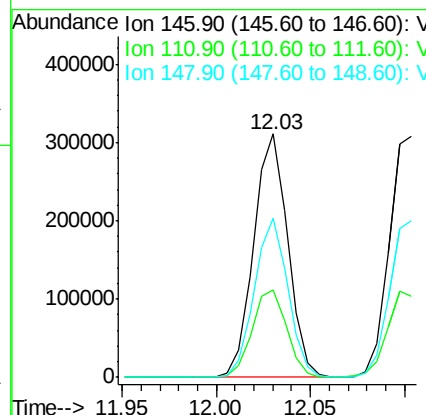
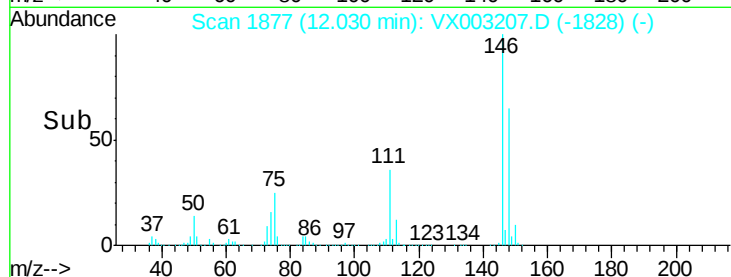
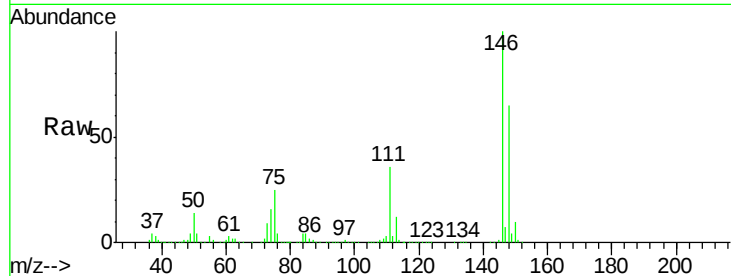
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	388837
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.9	56.7
148	64.6	32.1	96.3

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#88

1,4-Dichlorobenzene

Concen: 49.55 ug/l

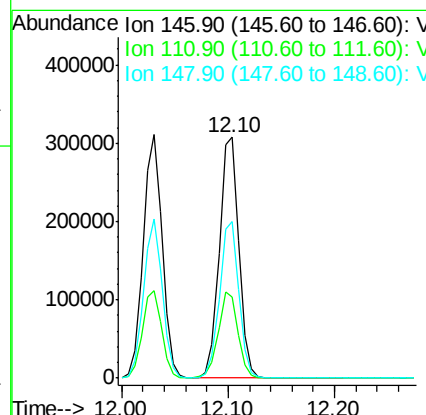
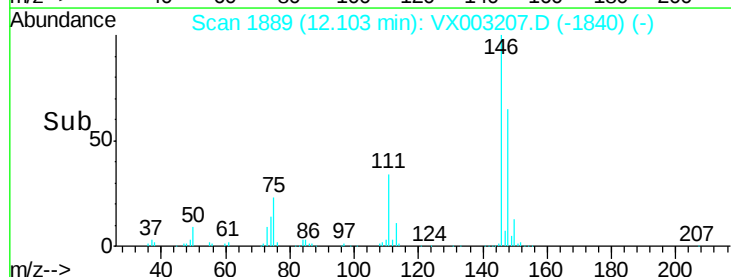
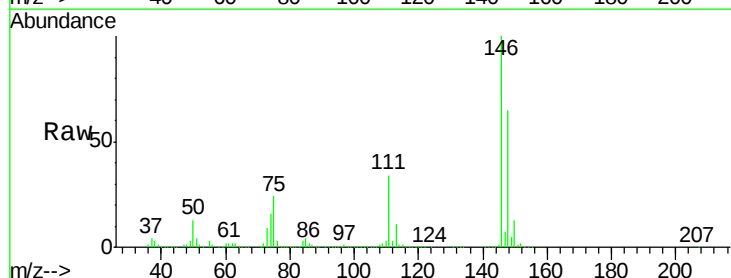
RT: 12.10 min Scan# 1889

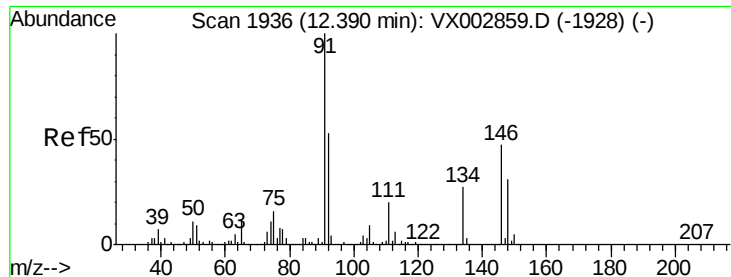
Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	146	Resp:	389052
Ion Ratio	Lower	Upper	
146	100		
111	35.9	18.7	56.1
148	64.6	32.4	97.0





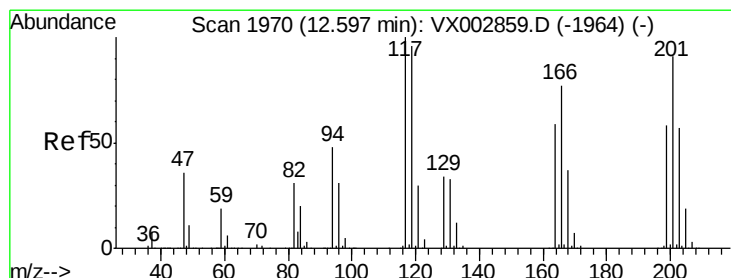
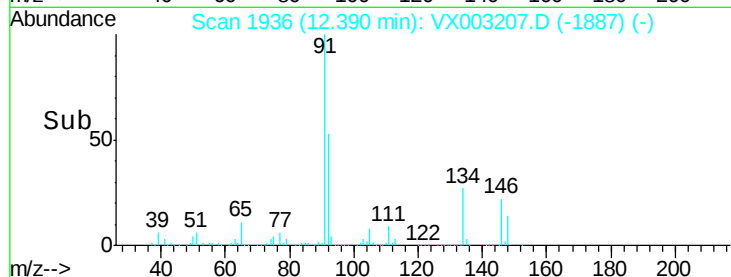
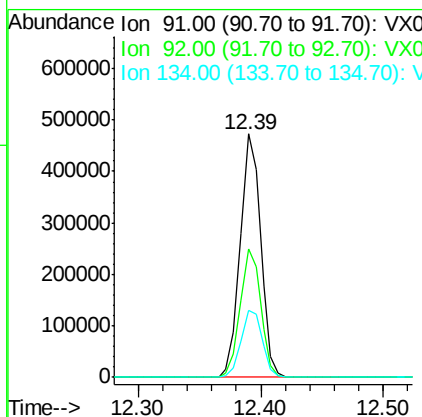
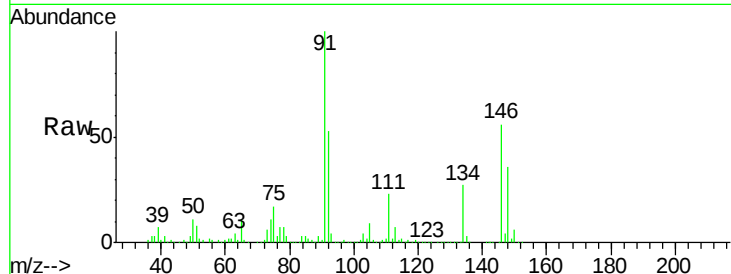
#89
n-Butylbenzene
Concen: 47.03 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.0	78.0
134	28.4	13.5	40.5

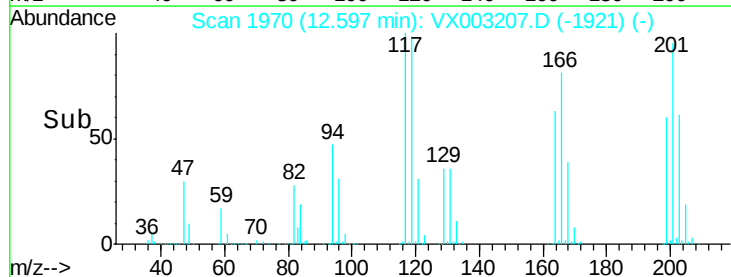
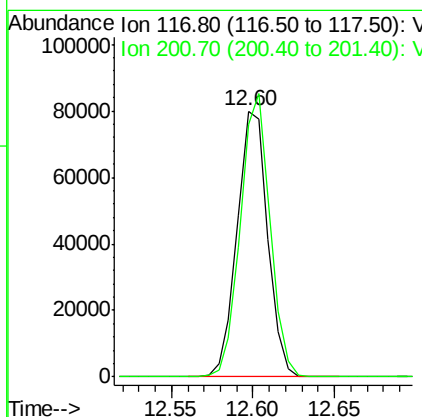
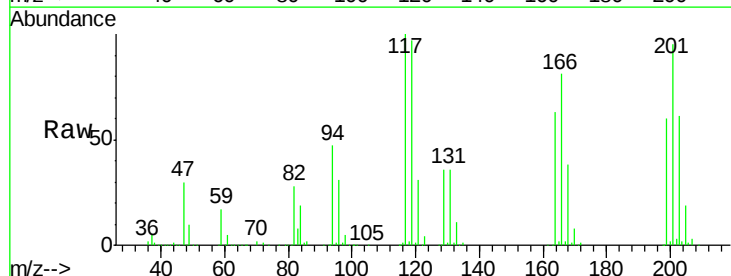
Manual Integrations
APPROVED

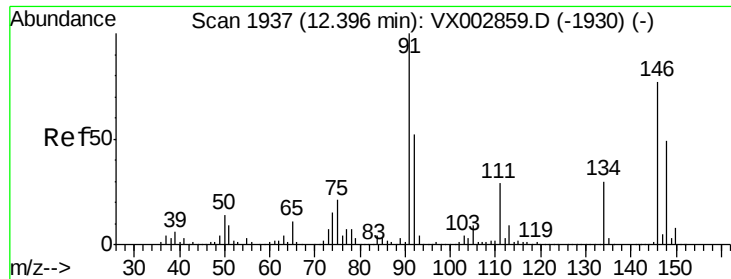
sam
7/6/2018 4:20:53 PM



#90
Hexachloroethane
Concen: 52.99 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003207.D
Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.6	49.0	147.0





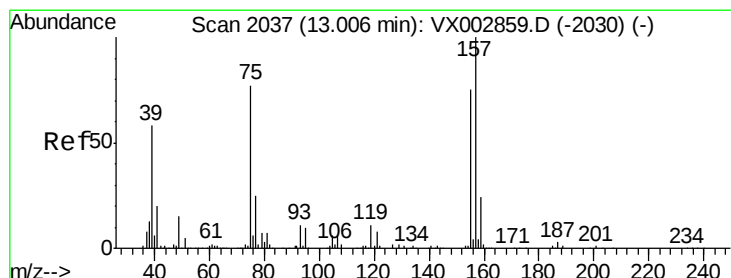
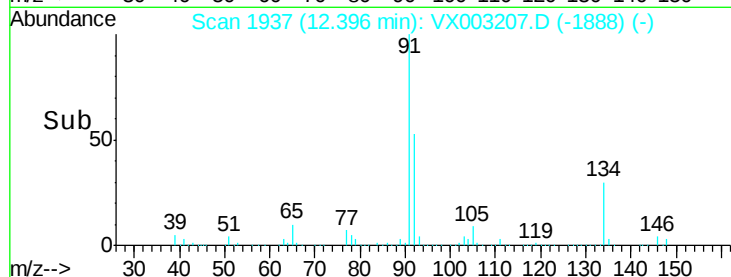
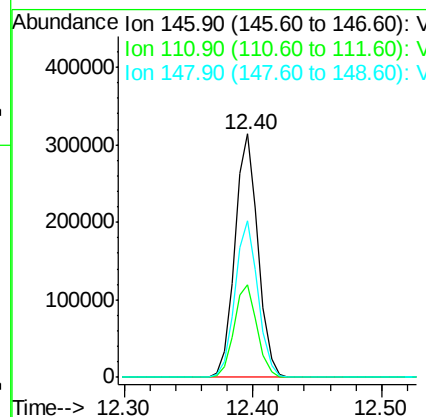
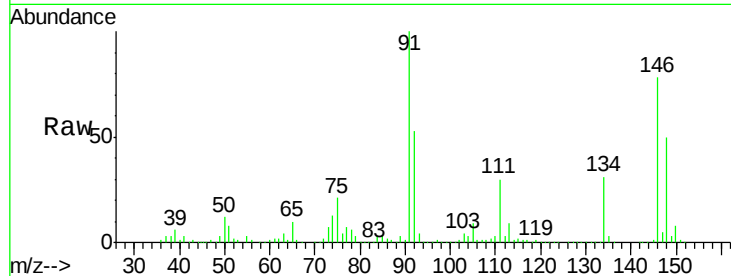
#91
 1,2-Dichlorobenzene
 Concen: 51.01 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.1
148	64.4	31.7	95.1

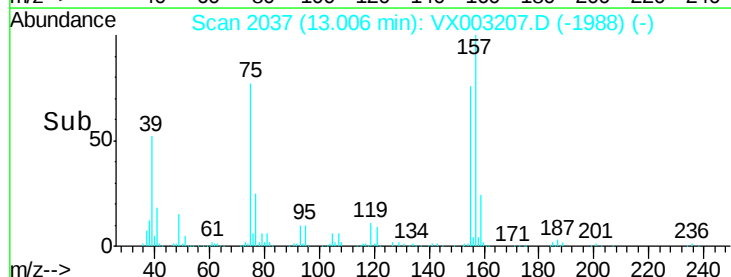
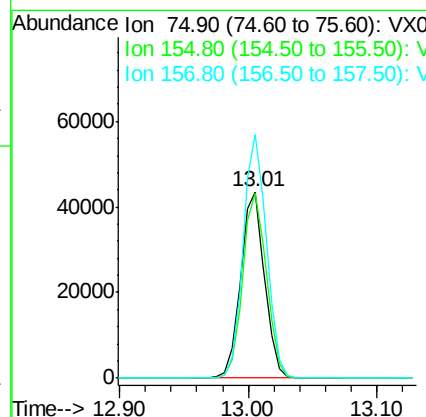
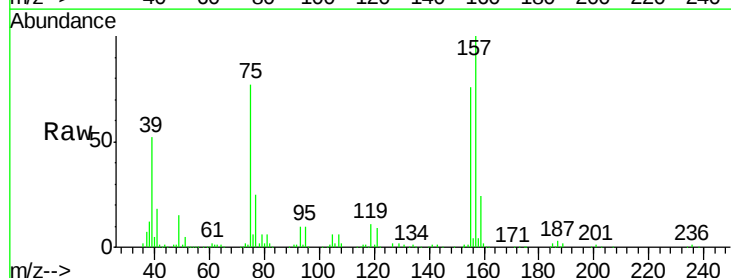
Manual Integrations
 APPROVED

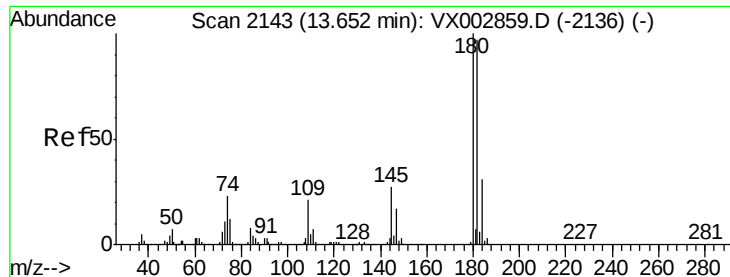
sam
 7/6/2018 4:20:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	45.8	137.4
157	127.5	60.1	180.3





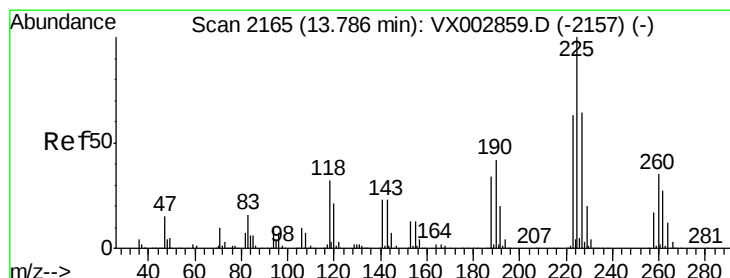
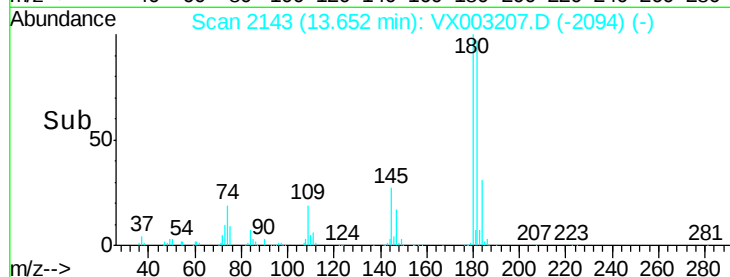
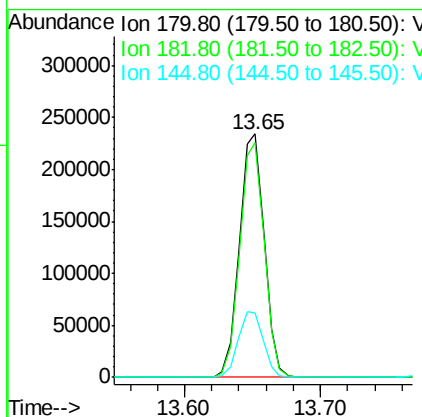
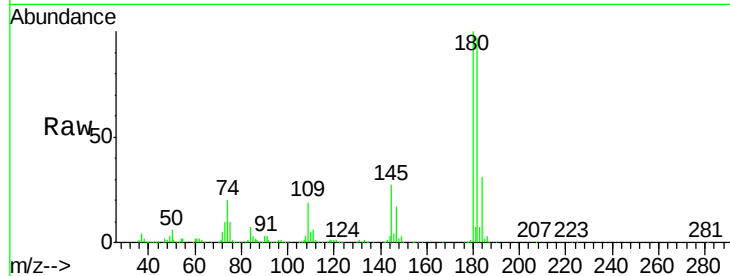
#93
 1,2,4-Trichlorobenzene
 Concen: 52.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	296036		
182	95.6	47.7	143.1	
145	27.4	14.1	42.4	

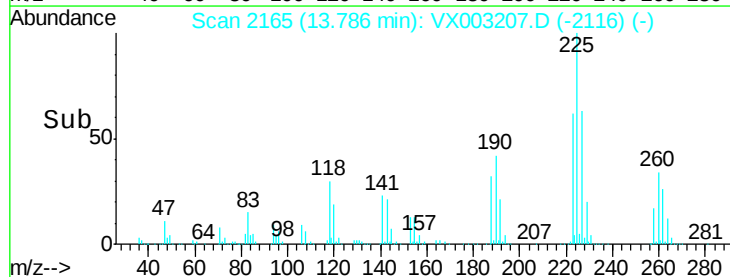
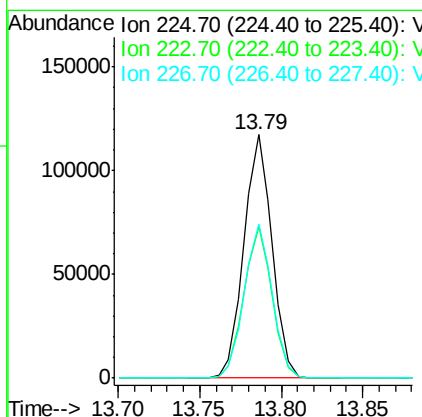
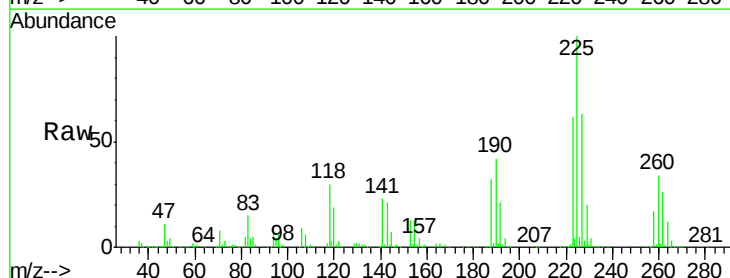
Manual Integrations
 APPROVED

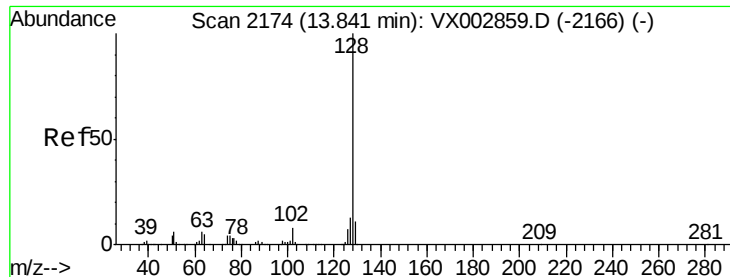
sam
 7/6/2018 4:20:53 PM



#94
 Hexachlorobutadiene
 Concen: 50.52 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003207.D
 Acq: 06 Jul 2018 07:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141200		
223	62.1	31.6	95.0	
227	63.0	32.4	97.2	





#95

Naphthalene

Concen: 57.01 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Instrument :

MSVOA_X

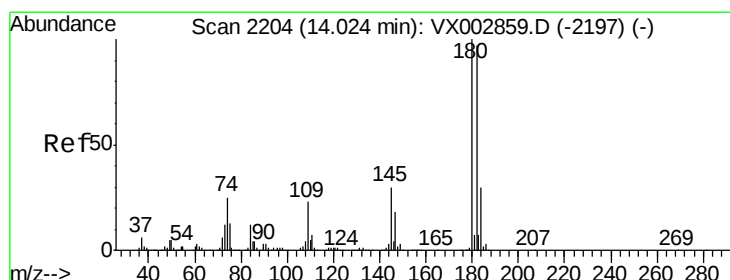
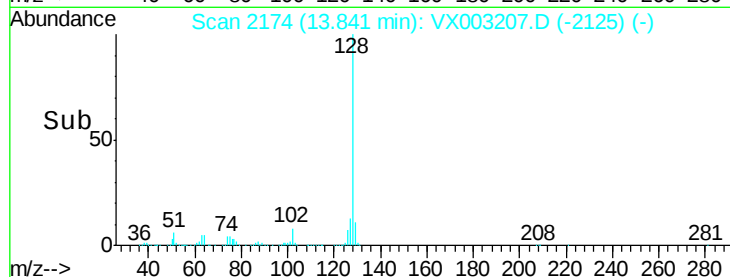
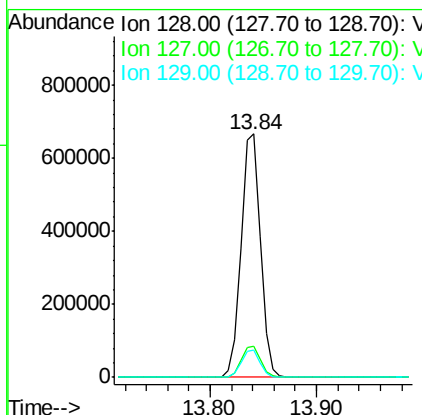
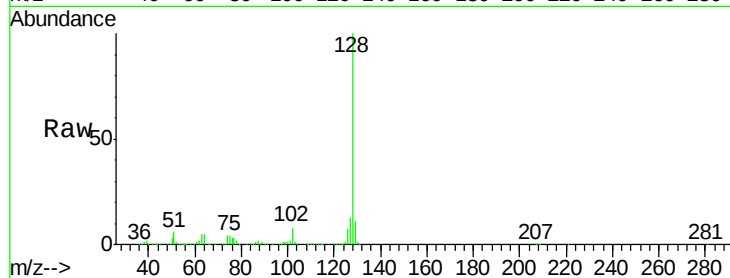
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	850857
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

sam
7/6/2018 4:20:53 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.98 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003207.D

Acq: 06 Jul 2018 07:41

Tgt Ion:	180	Resp:	302161
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.0
145	29.3	14.8	44.3

