

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006954.D
 Acq On : 08 Jan 2019 14:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:25:19 AM

Quant Time: Jan 09 02:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	614218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	897667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	796583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	304954	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.51	113	281905	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	1038118	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	361930	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	275964	54.712	ug/l	99
3) Chloromethane	1.32	50	308684	52.570	ug/l	100
4) Vinyl Chloride	1.41	62	319394	50.567	ug/l	100
5) Bromomethane	1.64	94	324405	48.072	ug/l	98
6) Chloroethane	1.71	64	207716	47.097	ug/l	97
7) Trichlorofluoromethane	1.92	101	506965	49.675	ug/l	98
8) Diethyl Ether	2.19	74	192446	47.398	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	290604	47.561	ug/l	98
10) Methyl Iodide	2.51	142	409626	49.700	ug/l	99
11) Tert butyl alcohol	3.09	59	356742	235.594	ug/l	99
12) 1,1-Dichloroethene	2.37	96	274375	48.604	ug/l	98
13) Acrolein	2.30	56	168763	258.315	ug/l	96
14) Allyl chloride	2.73	41	487503	50.389	ug/l	99
15) Acrylonitrile	3.15	53	853129	245.426	ug/l	100
16) Acetone	2.45	43	780660	246.001	ug/l	99
17) Carbon Disulfide	2.57	76	742075	51.058	ug/l	99
18) Methyl Acetate	2.78	43	430269	46.819	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	961228	49.058	ug/l	100
20) Methylene Chloride	2.85	84	310815	51.512	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	295452	46.965	ug/l	96
22) Diisopropyl ether	3.87	45	877277	48.233	ug/l	94
23) Vinyl Acetate	3.82	43	3755449	244.837	ug/l	99
24) 1,1-Dichloroethane	3.70	63	478836	47.082	ug/l	100
25) 2-Butanone	4.70	43	1107104	243.819	ug/l	98
26) 2,2-Dichloropropane	4.59	77	392649	50.207	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	328026	47.273	ug/l	98
28) Bromochloromethane	5.02	49	217832	48.886	ug/l	95
29) Tetrahydrofuran	5.15	42	712065	241.306	ug/l	97
30) Chloroform	5.21	83	506985	47.612	ug/l	100
31) Cyclohexane	5.57	56	437512	48.334	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	443461	49.134	ug/l	99
36) 1,1-Dichloropropene	5.80	75	380074	48.700	ug/l	99
37) Ethyl Acetate	4.85	43	417053	49.844	ug/l	98
38) Carbon Tetrachloride	5.78	117	388808	49.516	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006954.D
 Acq On : 08 Jan 2019 14:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:25:19 AM

Quant Time: Jan 09 02:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	484033	48.649	ug/l	99
40) Benzene	6.14	78	1146926	48.162	ug/l	99
41) Methacrylonitrile	5.06	41	223003	46.265	ug/l	98
42) 1,2-Dichloroethane	6.20	62	389019	47.273	ug/l	100
43) Isopropyl Acetate	6.46	43	665291	50.409	ug/l	98
44) Trichloroethene	7.21	130	339258	47.541	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290578	48.536	ug/l	96
46) Dibromomethane	7.66	93	208113	49.461	ug/l	98
47) Bromodichloromethane	7.90	83	364088	50.836	ug/l	96
48) Methyl methacrylate	7.77	41	334875	49.409	ug/l	98
49) 1,4-Dioxane	7.75	88	148586	959.629	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2098371	247.397	ug/l	99
52) Toluene	8.79	92	742799	48.530	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	424939	53.508	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461584	52.630	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	306270	49.992	ug/l	98
56) Ethyl methacrylate	9.18	69	447863	50.076	ug/l	94
57) 1,3-Dichloropropane	9.37	76	490015	48.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1172986	255.080	ug/l	99
59) 2-Hexanone	9.49	43	1612755	249.513	ug/l	99
60) Dibromochloromethane	9.59	129	322940	54.285	ug/l	99
61) 1,2-Dibromoethane	9.67	107	337429	50.030	ug/l	99
64) Tetrachloroethene	9.34	164	330125	47.868	ug/l	96
65) Chlorobenzene	10.14	112	856779	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	307930	52.686	ug/l	100
67) Ethyl Benzene	10.25	91	1409573	49.145	ug/l	99
68) m/p-Xylenes	10.36	106	1110454	98.267	ug/l	99
69) o-Xylene	10.70	106	540466	49.041	ug/l	97
70) Styrene	10.71	104	877059	50.249	ug/l	99
71) Bromoform	10.86	173	240851	46.433	ug/l	100
73) Isopropylbenzene	11.02	105	1433318	50.350	ug/l	99
74) N-amyl acetate	10.90	43	588188	51.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	444171	49.148	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	416868m	50.955	ug/l	
77) Bromobenzene	11.26	156	383028	48.832	ug/l	99
78) n-propylbenzene	11.36	91	1597736	51.126	ug/l	99
79) 2-Chlorotoluene	11.42	91	919315	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1180024	49.608	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132469	48.951	ug/l	98
82) 4-Chlorotoluene	11.51	91	1084217	49.778	ug/l	100
83) tert-Butylbenzene	11.77	119	1205724	50.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1199908	50.164	ug/l	100
85) sec-Butylbenzene	11.94	105	1415997	49.959	ug/l	100
86) p-Isopropyltoluene	12.07	119	1287635	50.790	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	695355	49.046	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	697351	51.908	ug/l	100
89) n-Butylbenzene	12.39	91	1106732	51.210	ug/l	99
90) Hexachloroethane	12.60	117	199251	49.275	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	682298	48.766	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92084	51.519	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010819\
Data File : VX006954.D
Acq On : 08 Jan 2019 14:11
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

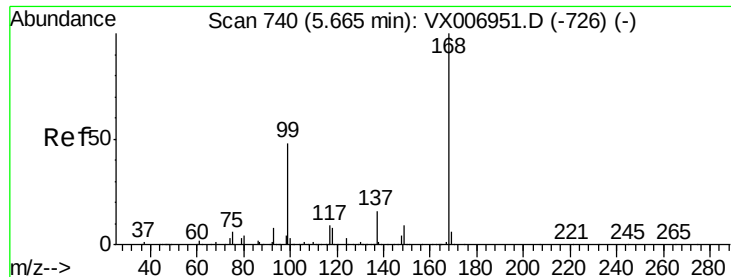
Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM

Quant Time: Jan 09 02:54:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	492209	51.277	ug/l	99
94) Hexachlorobutadiene	13.78	225	220044	51.657	ug/l	98
95) Naphthalene	13.83	128	1498787	51.528	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	480108	50.350	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

ICVVX010819

Tot Ion:168 Resp: 614218

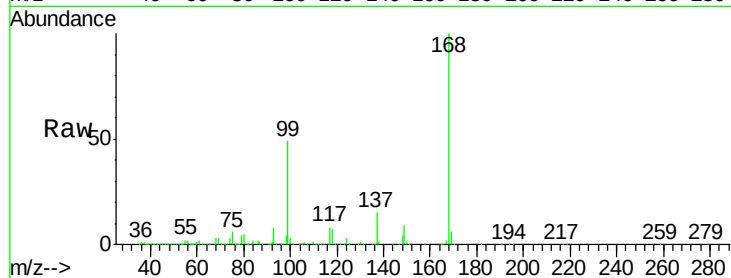
Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.8

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

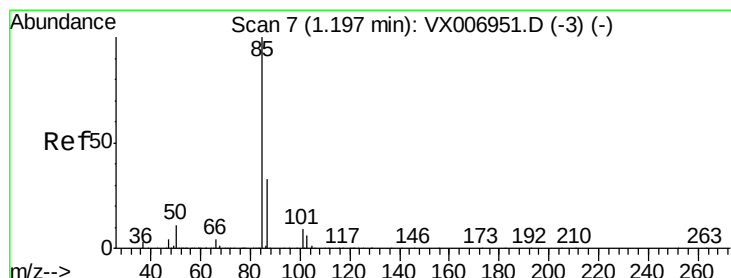
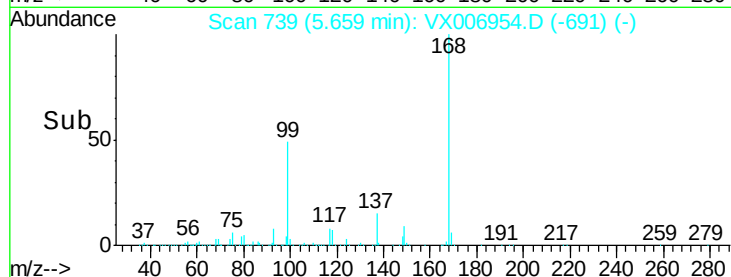
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.712 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006954.D

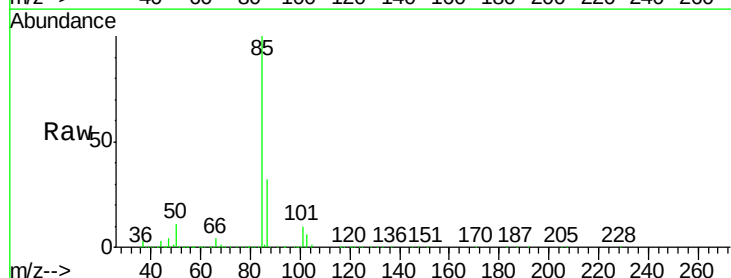
Acq: 08 Jan 2019 14:11

Tgt Ion: 85 Resp: 275964

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

50000

0

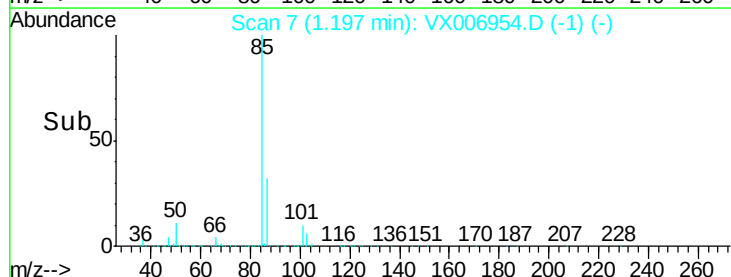
1.15

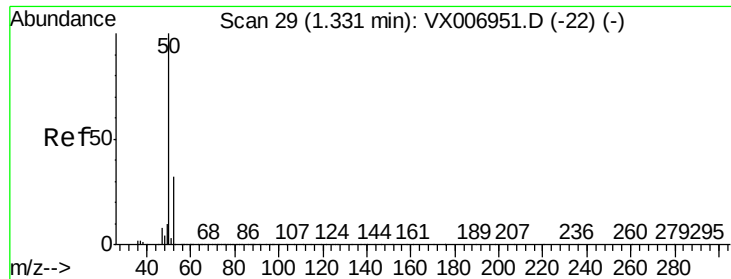
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 52.570 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion: 50 Resp: 308684

Ion Ratio Lower Upper

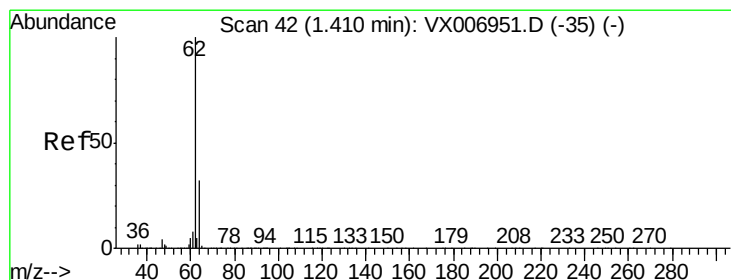
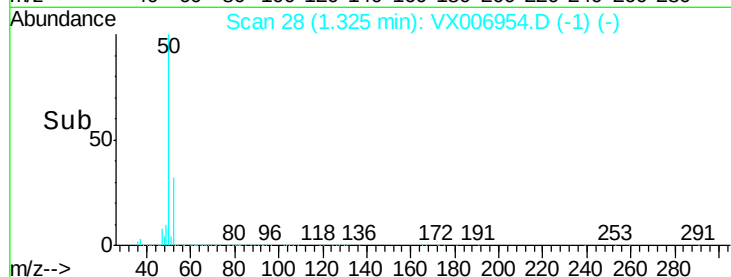
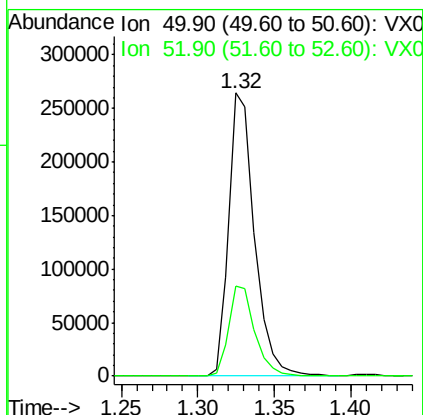
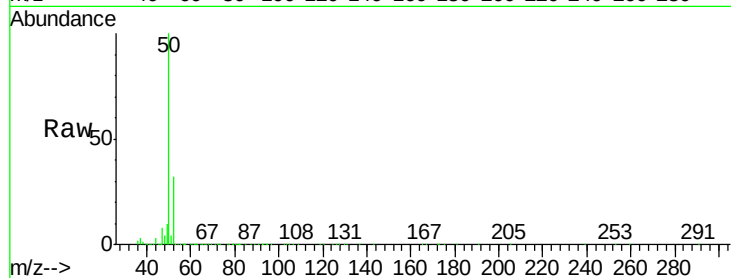
50 100

52 31.9 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

1/9/2019 10:25:19 AM



#4

Vinyl Chloride

Concen: 50.567 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006954.D

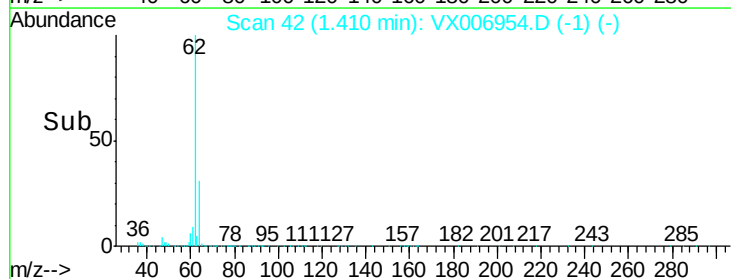
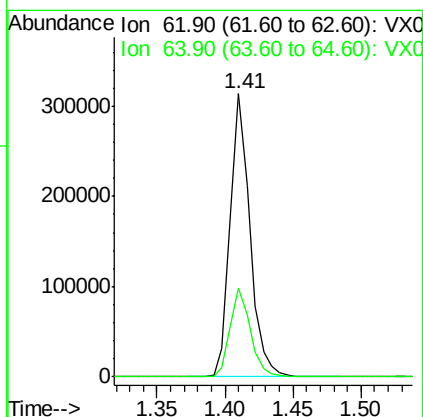
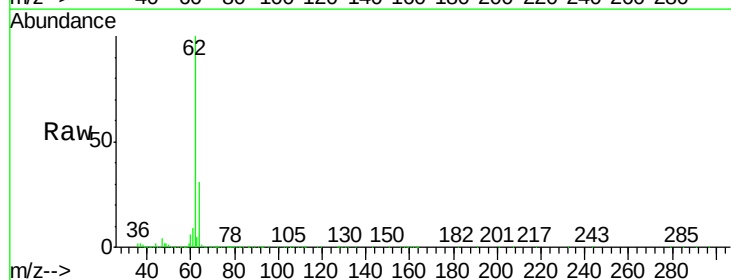
Acq: 08 Jan 2019 14:11

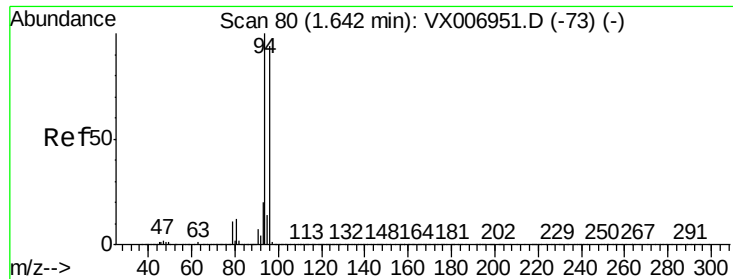
Tgt Ion: 62 Resp: 319394

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 48.072 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion: 94 Resp: 324405

Ion Ratio Lower Upper

94 100

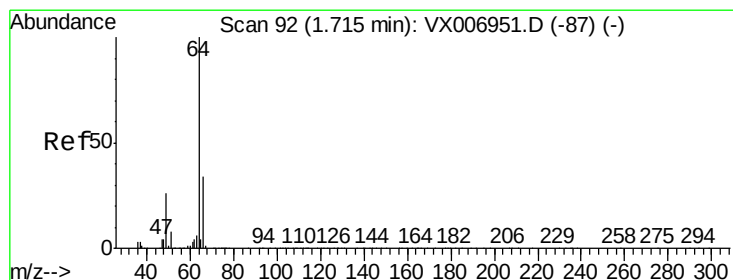
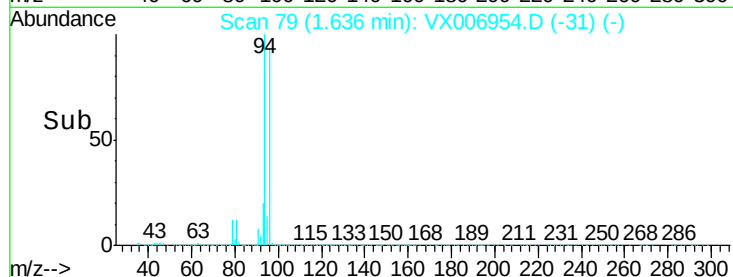
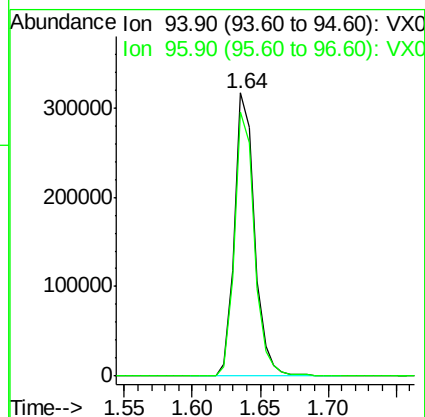
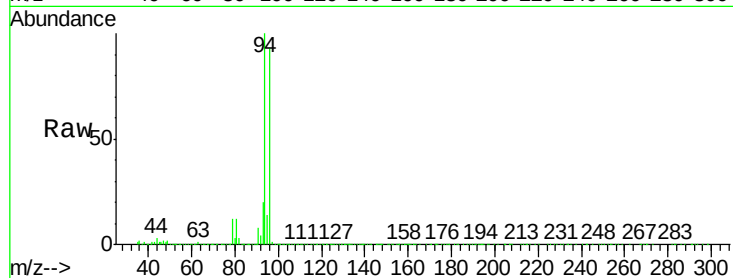
96 93.4 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

1/9/2019 10:25:19 AM



#6

Chloroethane

Concen: 47.097 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006954.D

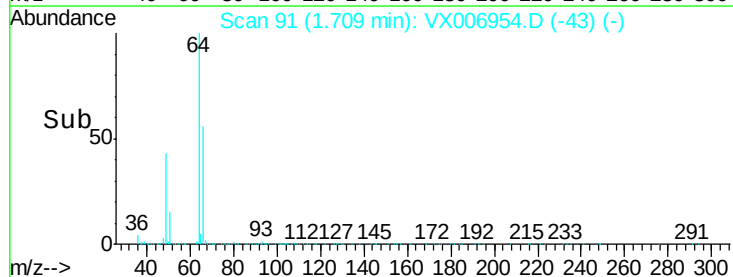
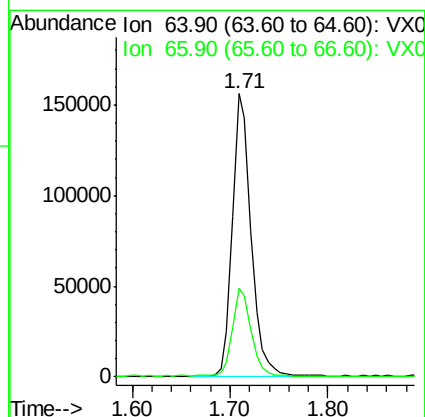
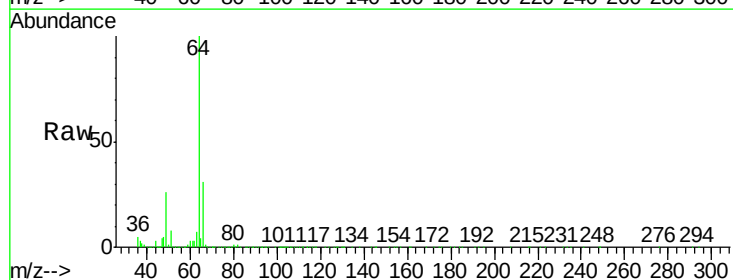
Acq: 08 Jan 2019 14:11

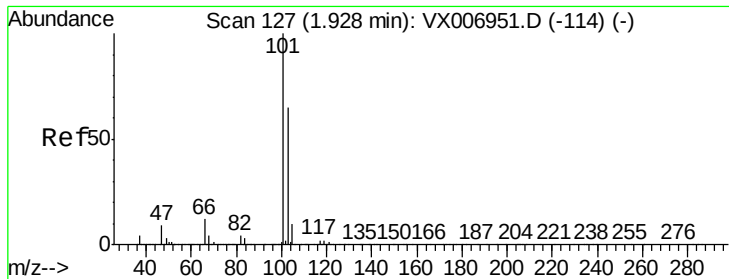
Tgt Ion: 64 Resp: 207716

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6





#7

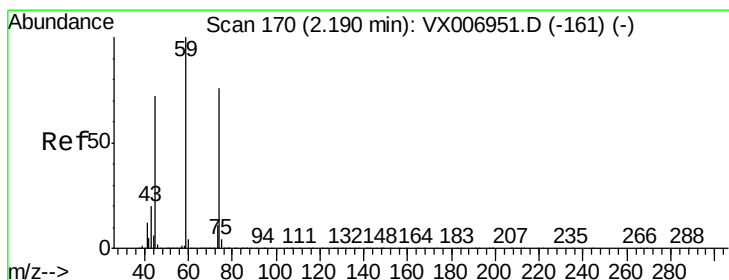
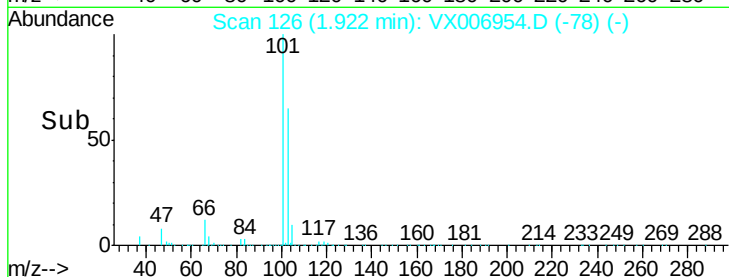
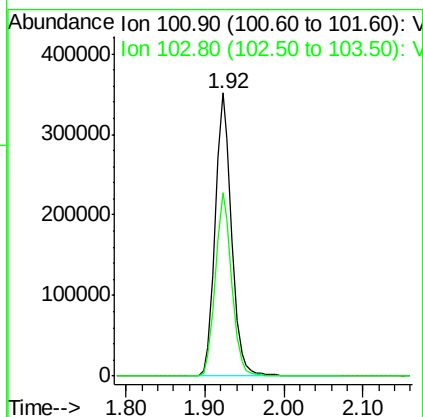
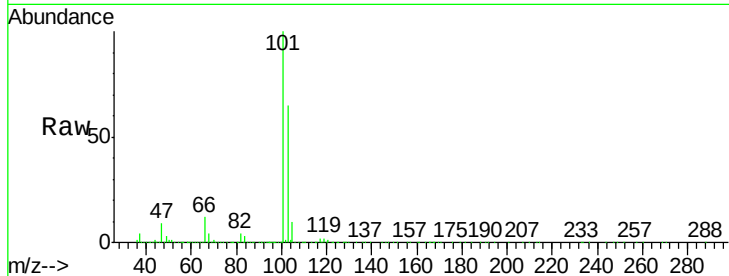
Trichlorofluoromethane
Concen: 49.675 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Resp	Lower	Upper
101	100	506965		
103	64.8	53.2	79.8	

Manual Integrations
APPROVED

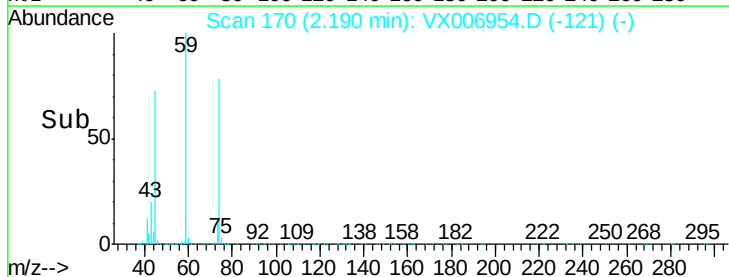
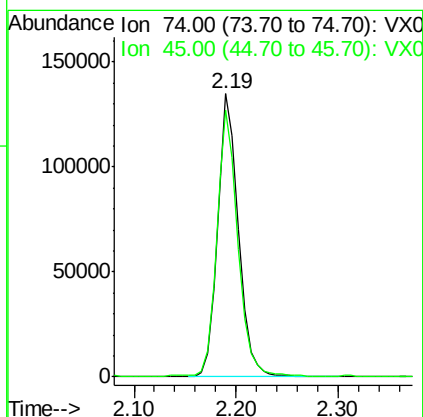
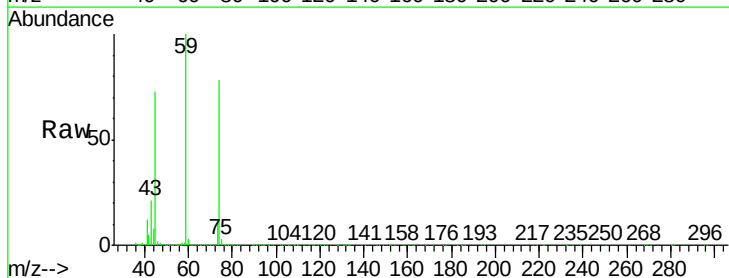
MMDadoda
1/9/2019 10:25:19 AM

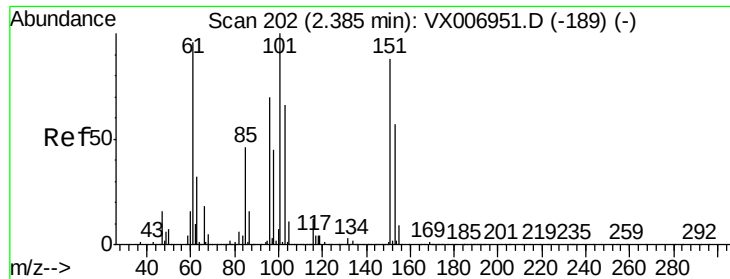


#8

Diethyl Ether
Concen: 47.398 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	192446		
45	94.3	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.561 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

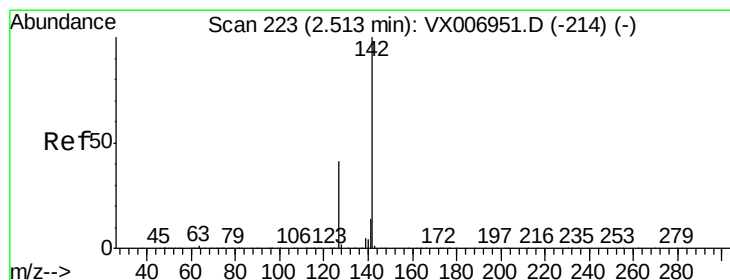
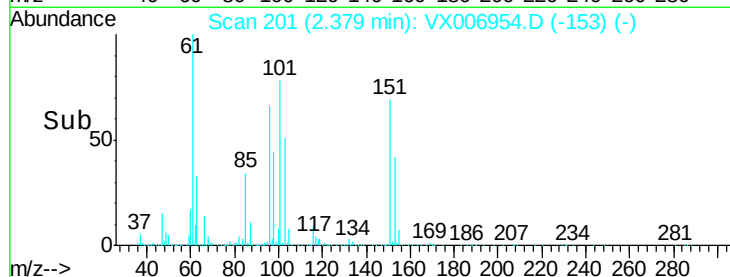
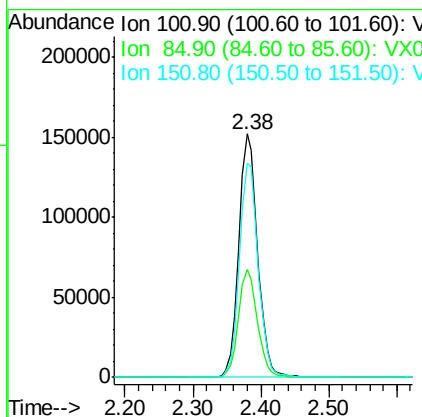
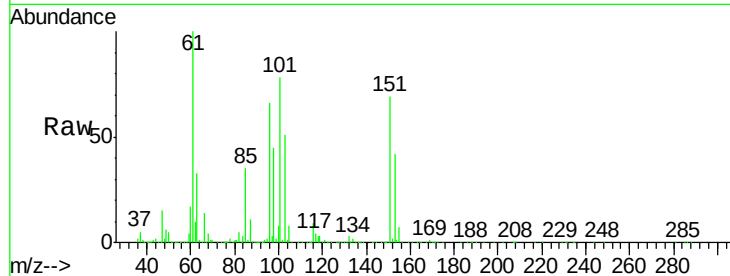
ClientSampleId :

ICVVX010819

Tot Ion:	101	Resp:	290604
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.1	52.7
151	88.4	68.9	103.3

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#10

Methyl Iodide

Concen: 49.700 ug/l

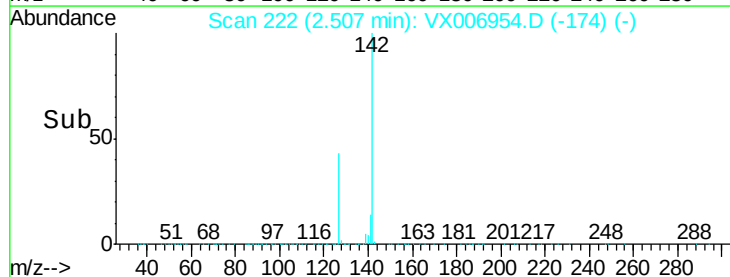
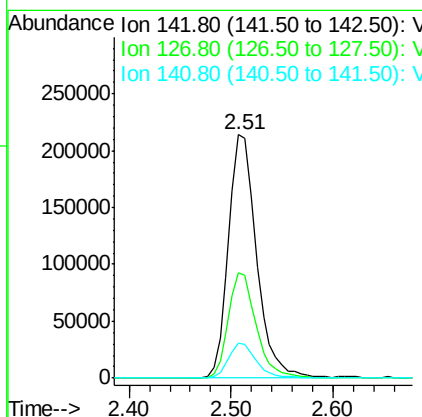
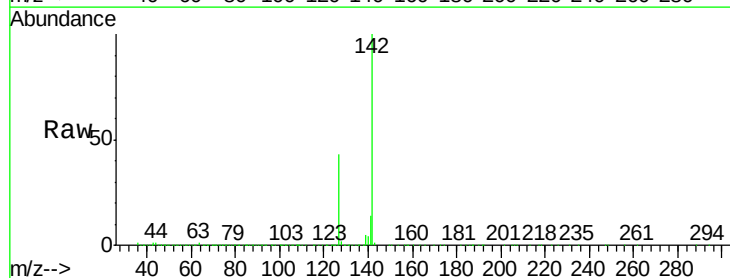
RT: 2.51 min Scan# 222

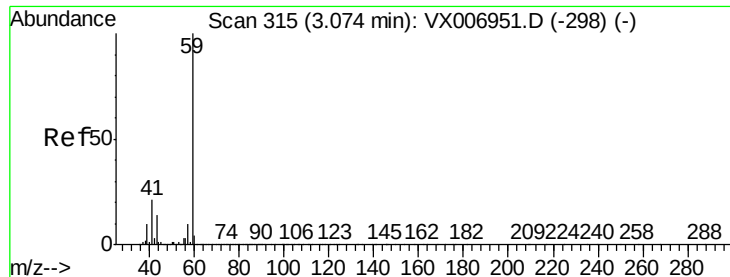
Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	142	Resp:	409626
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.9	50.9
141	14.1	11.4	17.0





#11

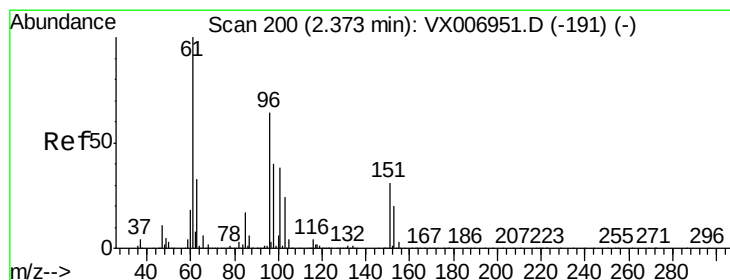
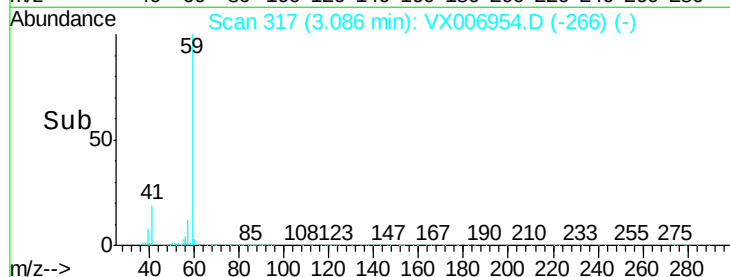
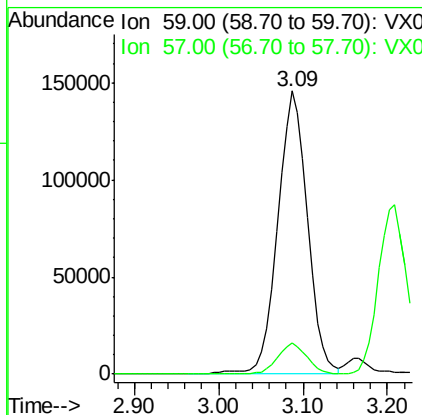
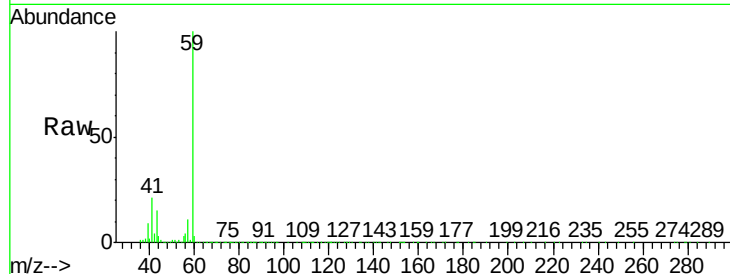
Tert butyl alcohol
Concen: 235.594 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.5	12.7

Manual Integrations
APPROVED

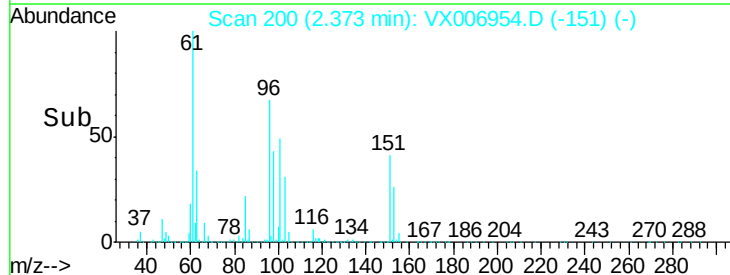
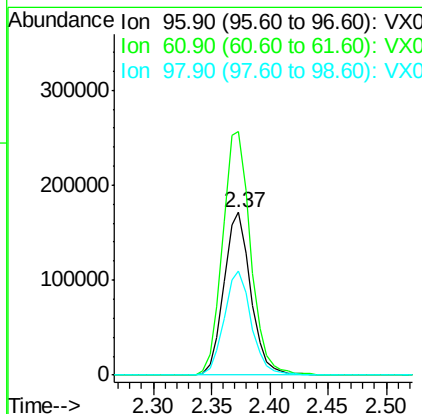
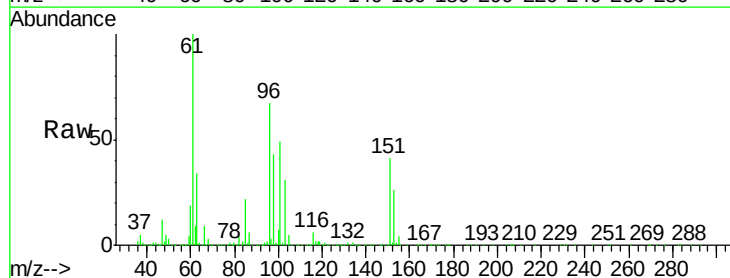
MMDadoda
1/9/2019 10:25:19 AM

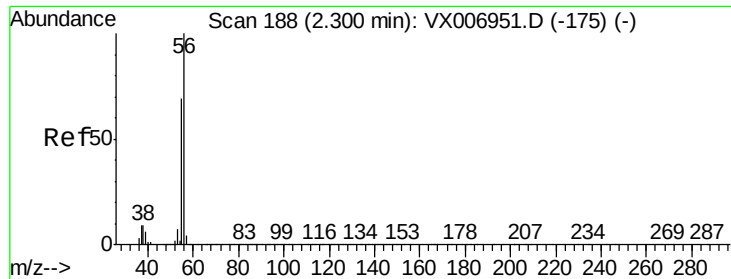


#12

1,1-Dichloroethene
Concen: 48.604 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.6	121.4	182.2
98	63.9	51.9	77.9





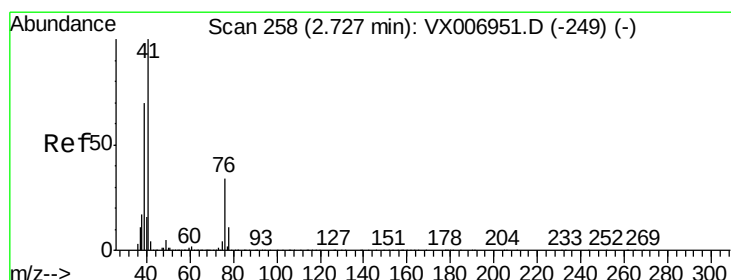
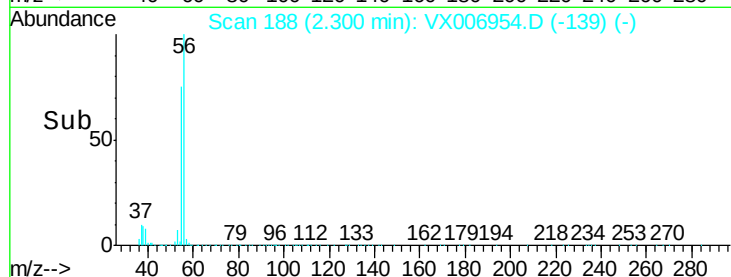
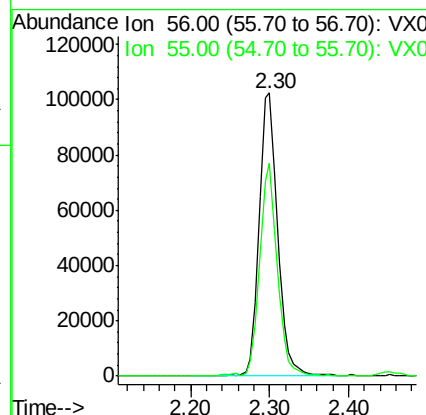
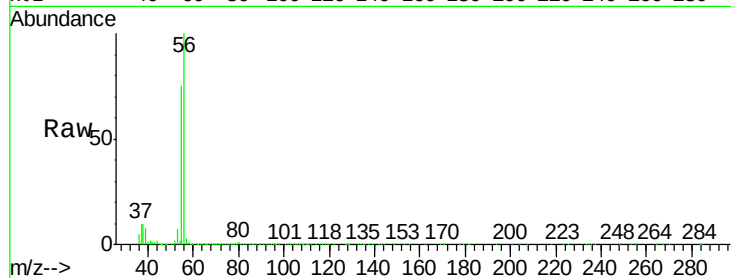
#13
Acrolein
Concen: 258.315 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	58.2	87.4

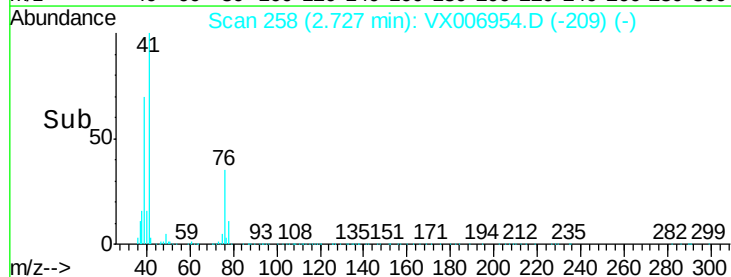
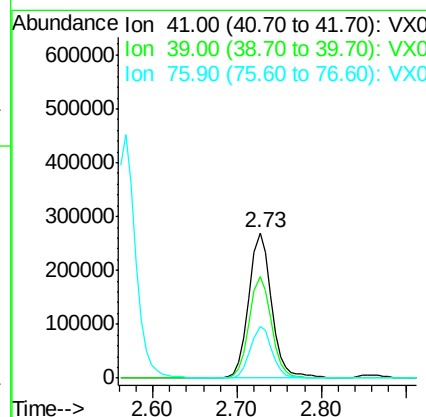
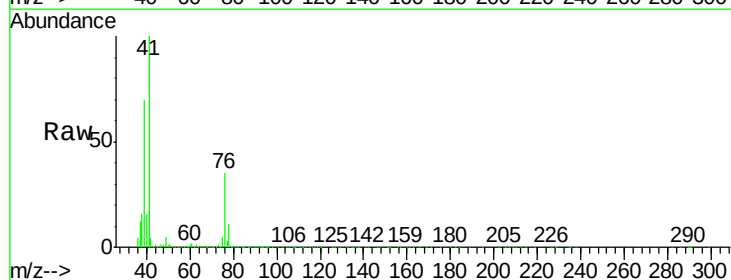
Manual Integrations
APPROVED

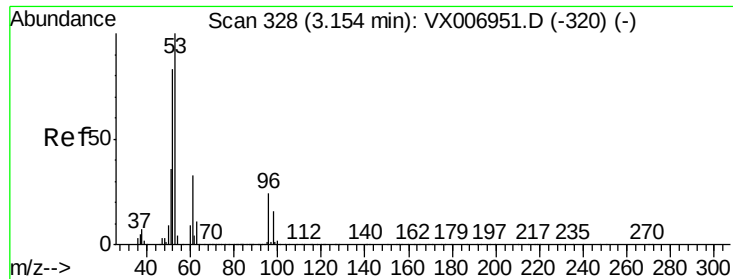
MMDadoda
1/9/2019 10:25:19 AM



#14
Allyl chloride
Concen: 50.389 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.1	53.6	80.4
76	33.7	27.4	41.2





#15

Acrylonitrile

Concen: 245.426 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

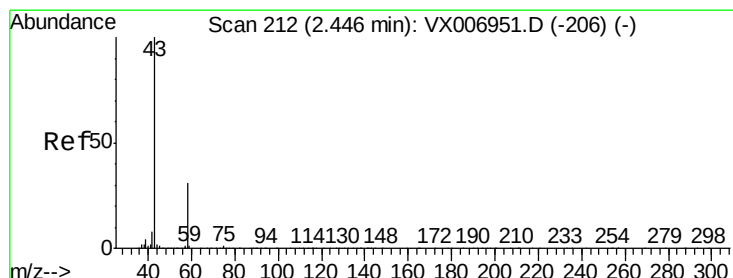
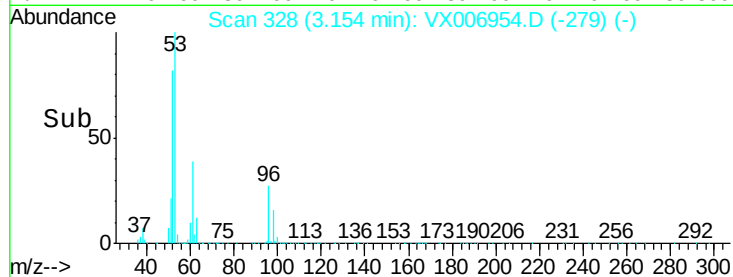
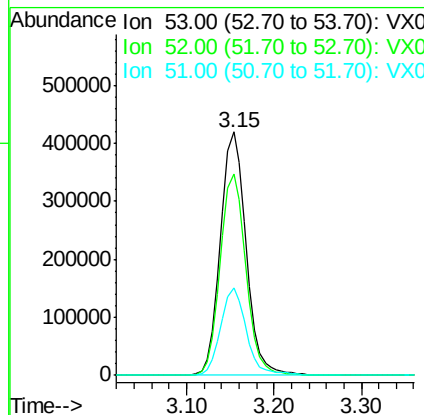
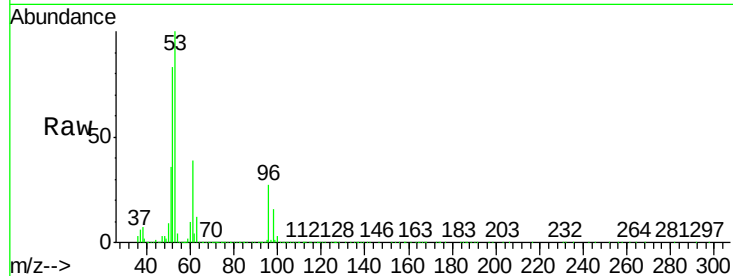
ClientSampleId :

ICVVX010819

Tot Ion:	53	Resp:	853129
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#16

Acetone

Concen: 246.001 ug/l

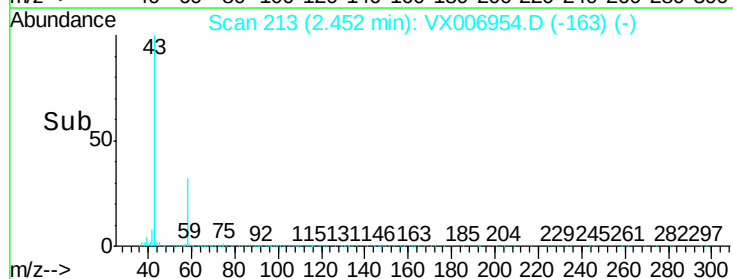
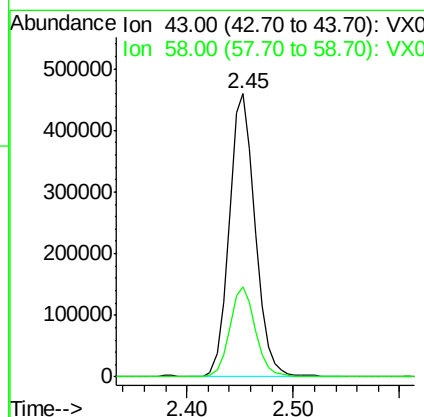
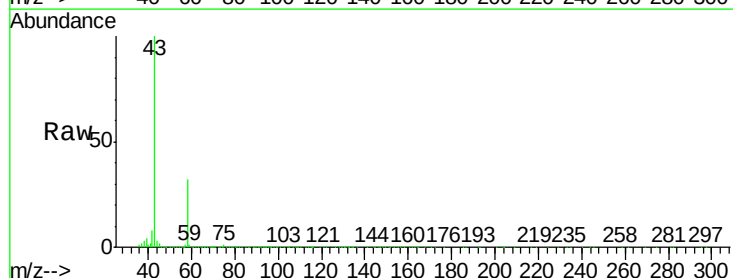
RT: 2.45 min Scan# 213

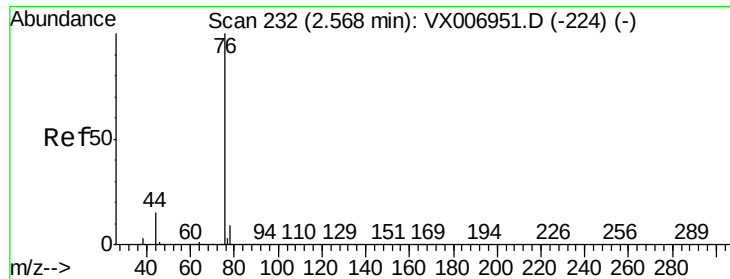
Delta R.T. 0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	43	Resp:	780660
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.0	37.6





#17

Carbon Disulfide

Concen: 51.058 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion: 76 Resp: 742075

Ion Ratio Lower Upper

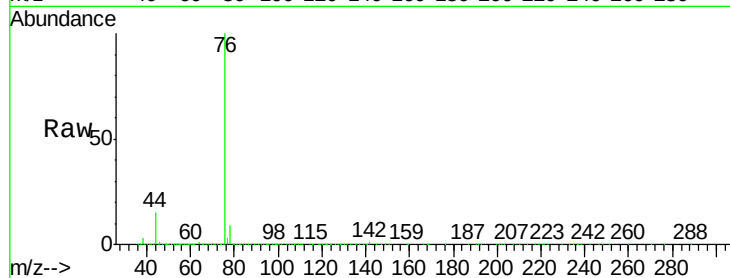
76 100

78 9.2 7.0 10.6

Manual Integrations
APPROVED

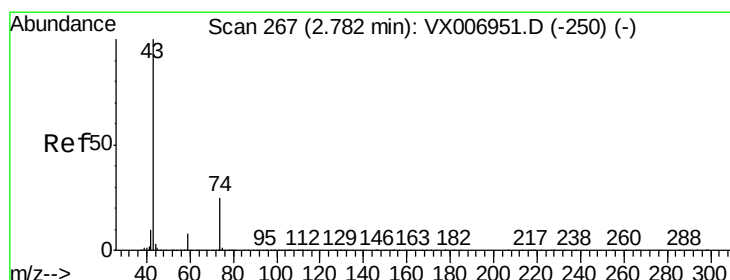
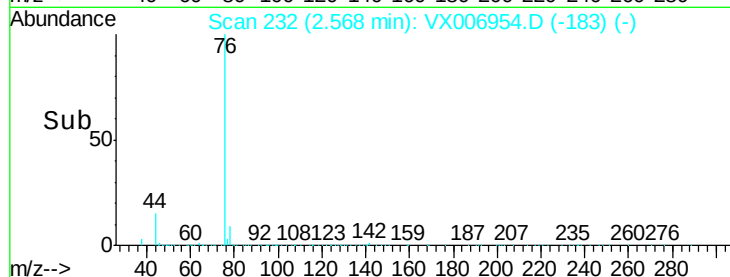
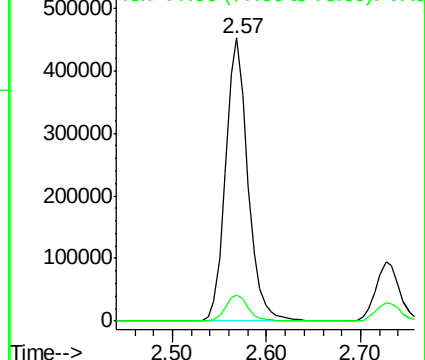
MMDadoda

1/9/2019 10:25:19 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.819 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006954.D

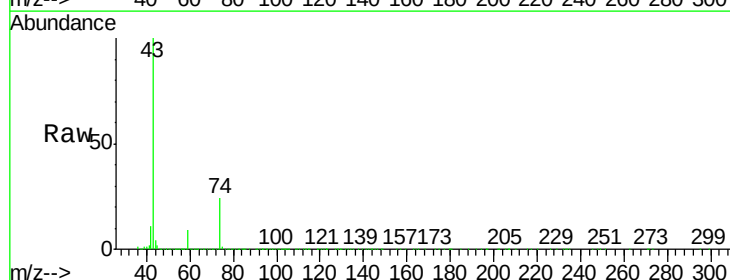
Acq: 08 Jan 2019 14:11

Tgt Ion: 43 Resp: 430269

Ion Ratio Lower Upper

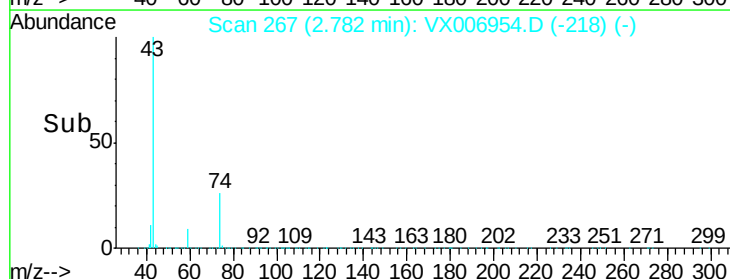
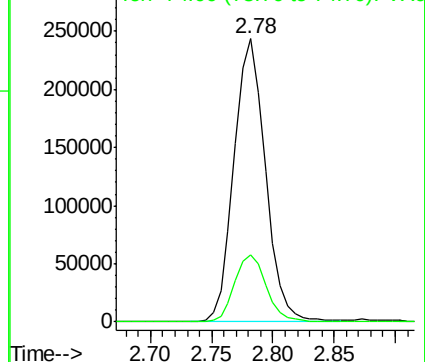
43 100

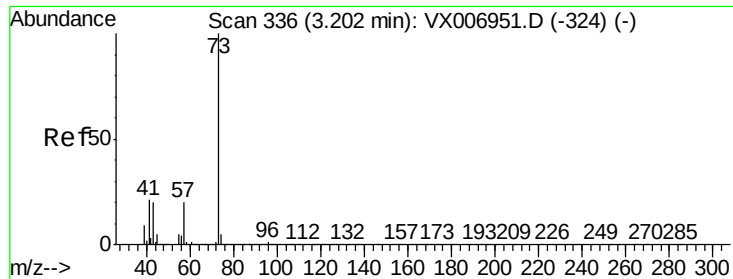
74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 49.058 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006954.D

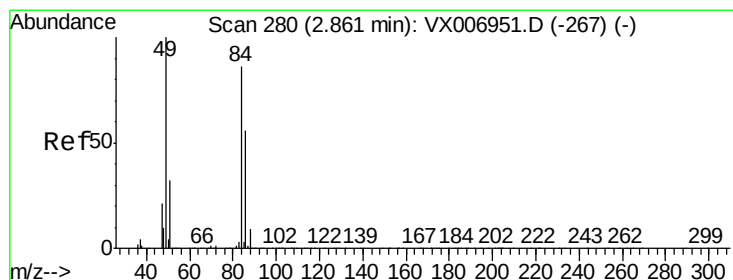
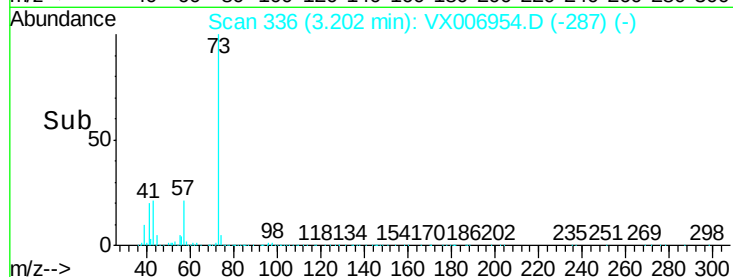
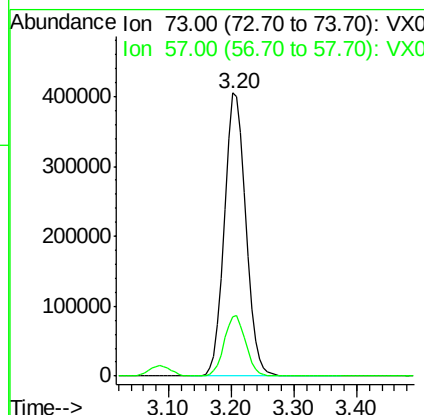
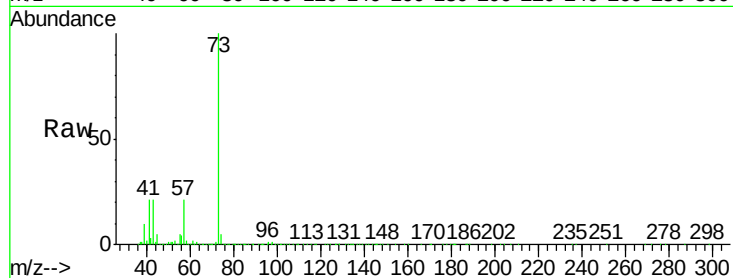
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#20

Methylene Chloride

Concen: 51.512 ug/l

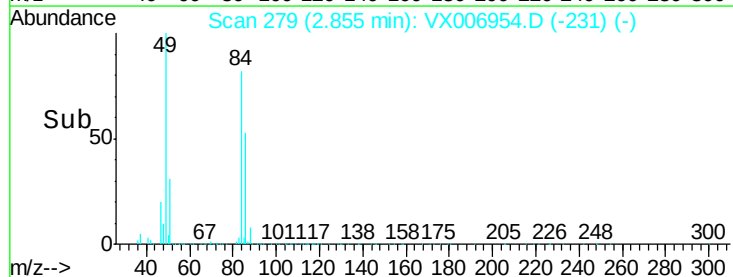
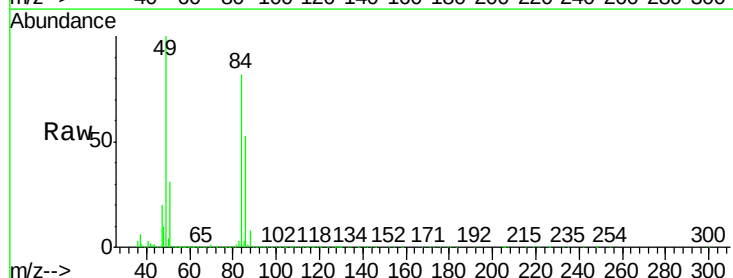
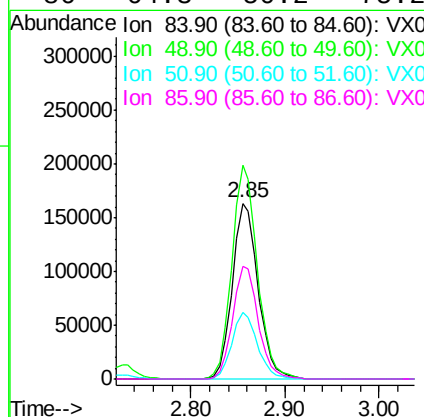
RT: 2.85 min Scan# 279

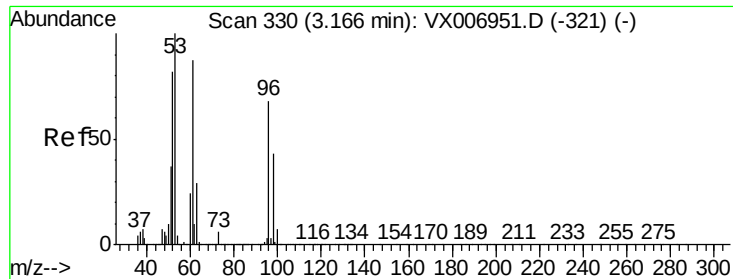
Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	91.8	137.6
51	37.6	28.5	42.7
86	64.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 46.965 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

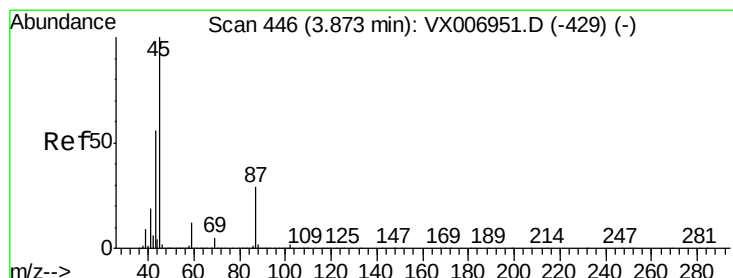
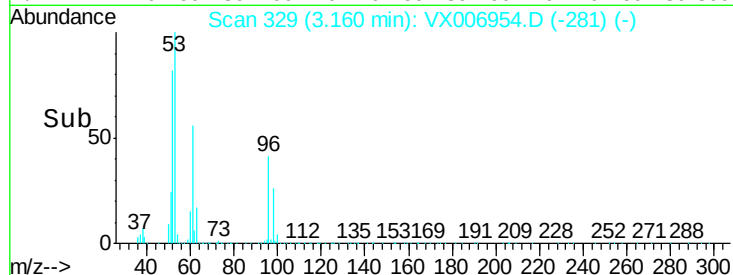
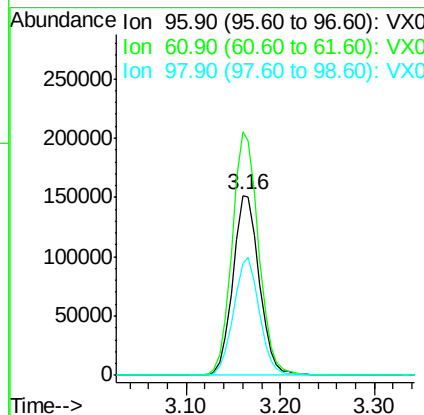
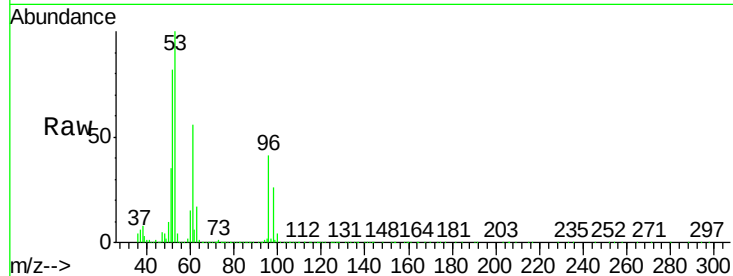
ClientSampleId :

ICVVX010819

Tot Ion:	96	Resp:	295452
Ion Ratio	Lower	Upper	
96	100		
61	135.4	103.7	155.5
98	62.5	51.0	76.6

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#22

Diisopropyl ether

Concen: 48.233 ug/l

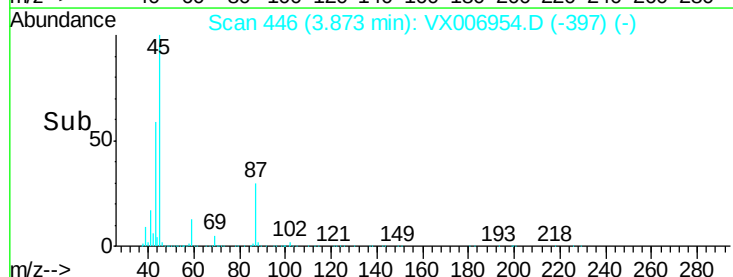
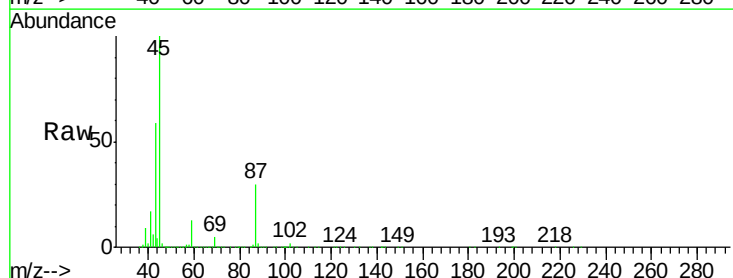
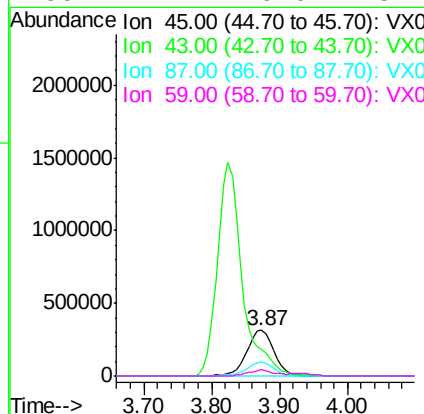
RT: 3.87 min Scan# 446

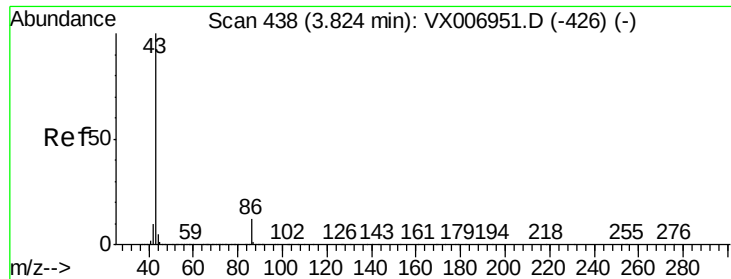
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	45	Resp:	877277
Ion Ratio	Lower	Upper	
45	100		
43	58.5	51.2	76.8
87	29.9	25.8	38.6
59	12.7	9.0	13.4





#23

Vinyl Acetate

Concen: 244.837 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion: 43 Resp: 3755449

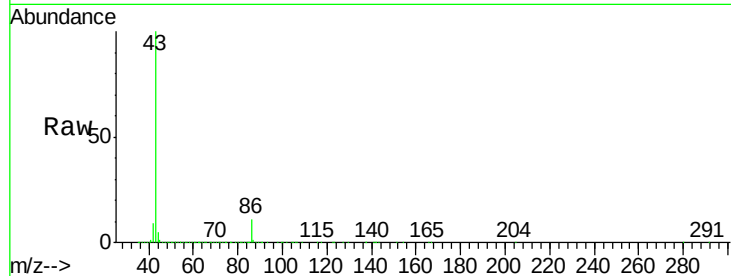
Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8

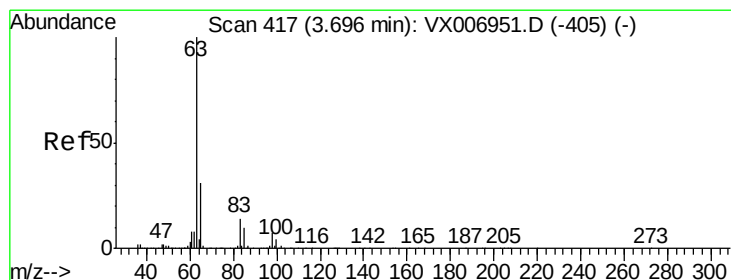
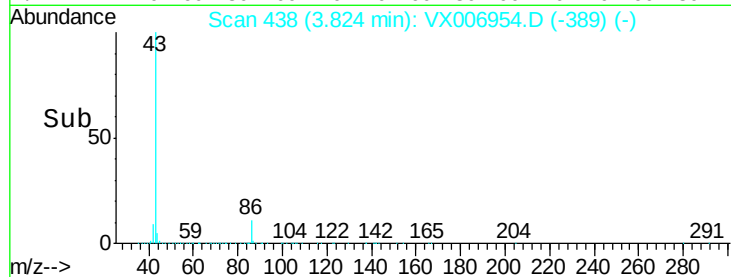
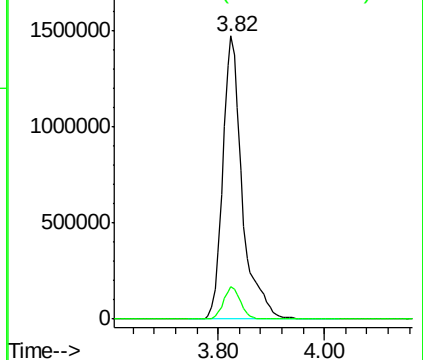
Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.082 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

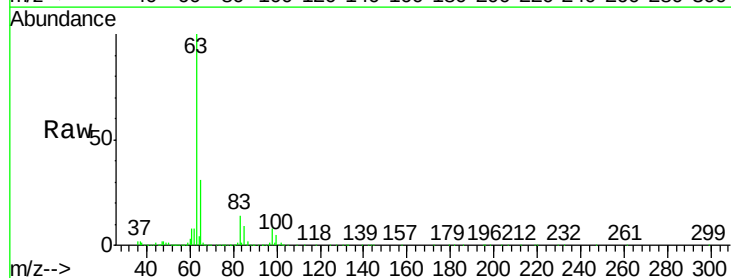
Tgt Ion: 63 Resp: 478836

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

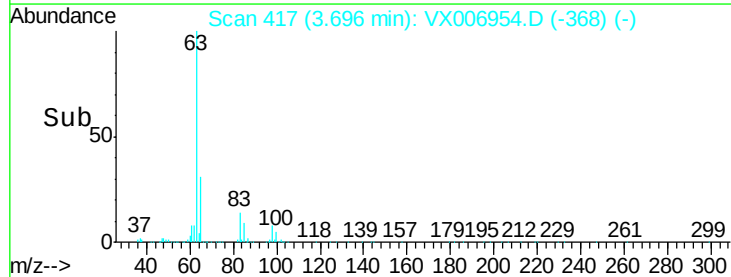
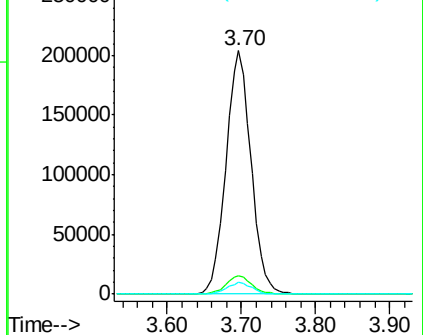
100 4.7 2.4 7.2

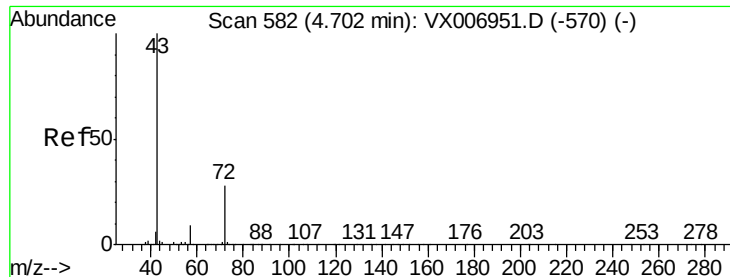


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.819 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tot Ion: 43 Resp: 1107104

Ion Ratio Lower Upper

43 100

72 27.0 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

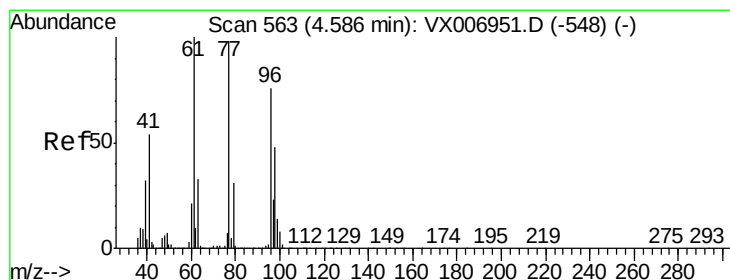
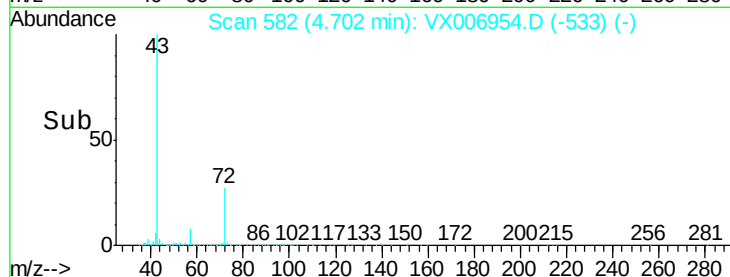
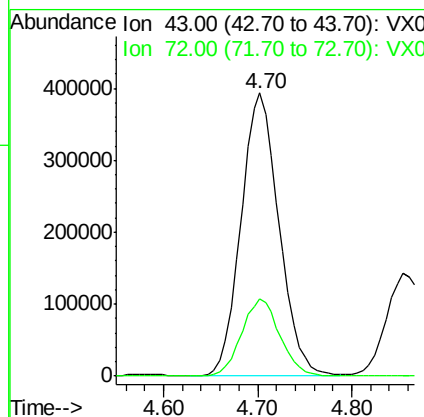
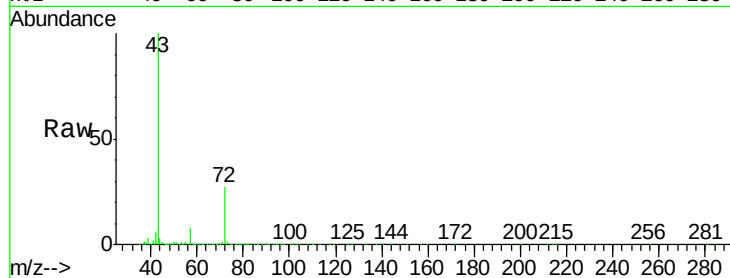
ICVVX010819

Manual Integrations

APPROVED

MMDadoda

1/9/2019 10:25:19 AM



#26

2,2-Dichloropropane

Concen: 50.207 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006954.D

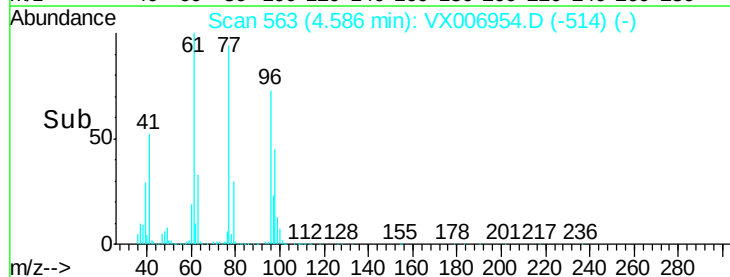
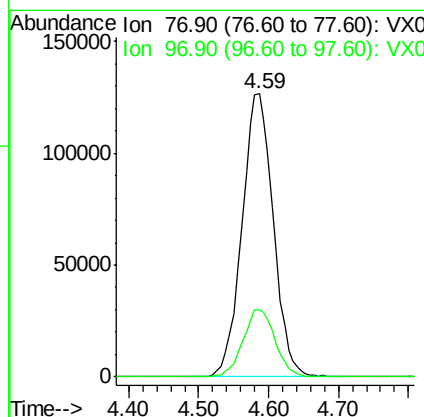
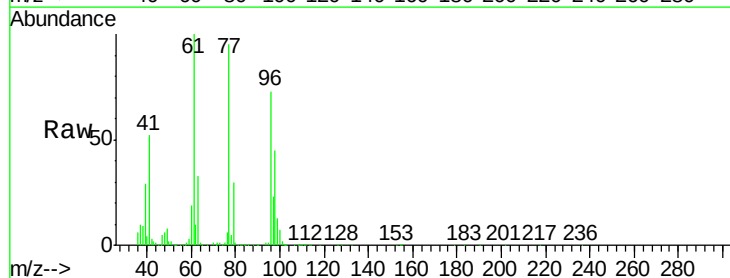
Acq: 08 Jan 2019 14:11

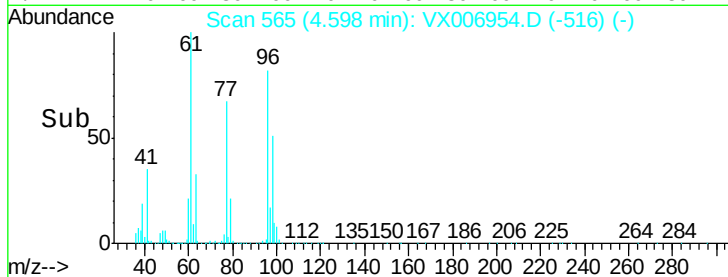
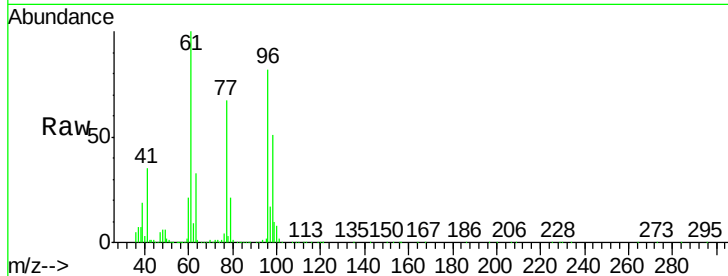
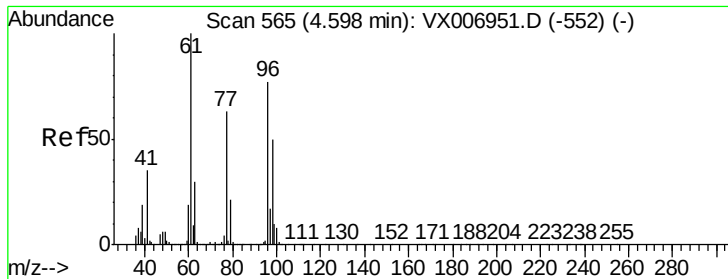
Tgt Ion: 77 Resp: 392649

Ion Ratio Lower Upper

77 100

97 24.4 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 47.273 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tot Ion:	96	Resp:	328026
Ion Ratio	Lower	Upper	
96	100		
61	131.8	0.0	258.6
98	64.2	0.0	132.0

Instrument :

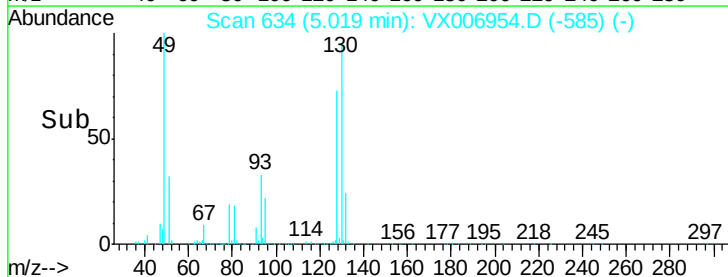
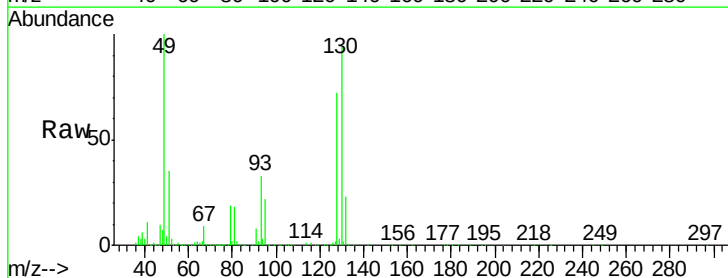
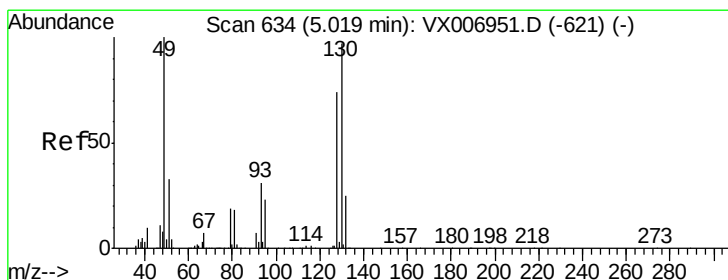
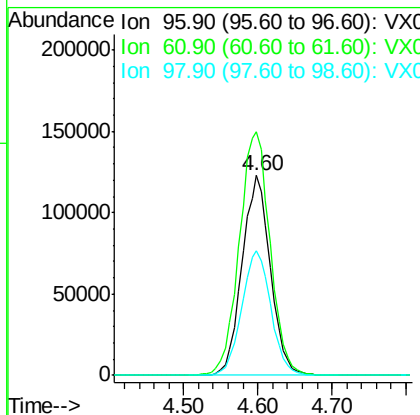
MSVOA_X

ClientSampleId :

ICVX010819

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#28

Bromochloromethane

Concen: 48.886 ug/l

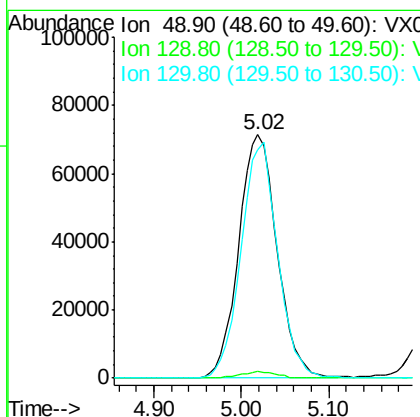
RT: 5.02 min Scan# 634

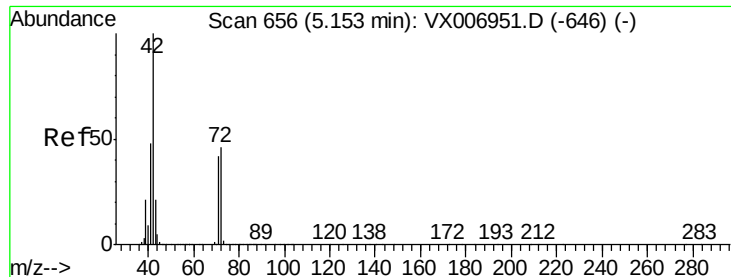
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	49	Resp:	217832
Ion Ratio	Lower	Upper	
49	100		
129	2.5	0.0	5.4
130	92.5	77.7	116.5





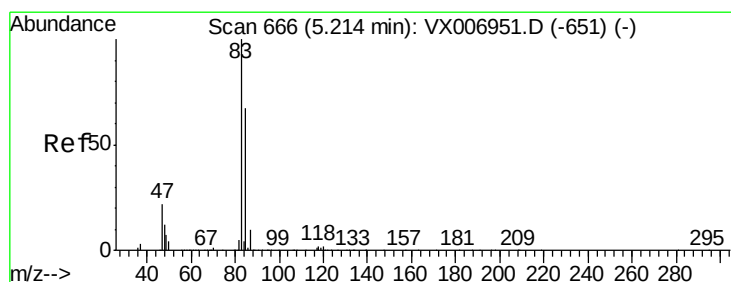
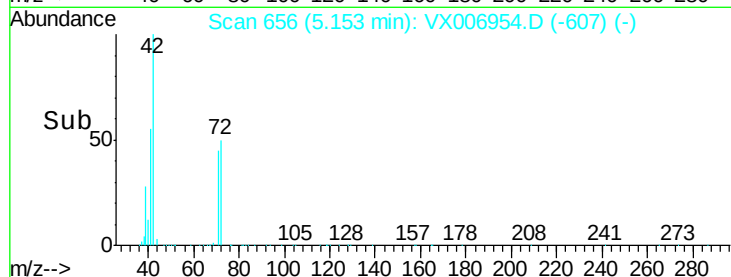
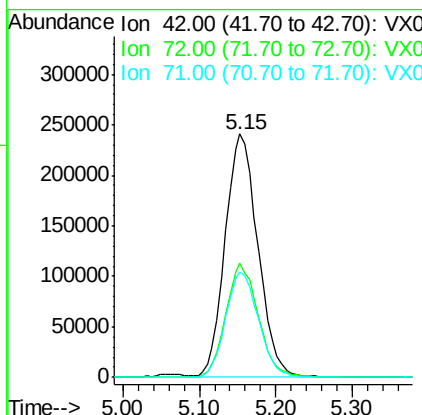
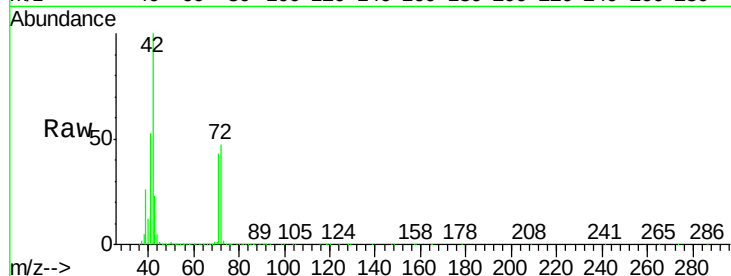
#29
Tetrahydrofuran
Concen: 241.306 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	38.9	58.3
71	43.7	36.2	54.4

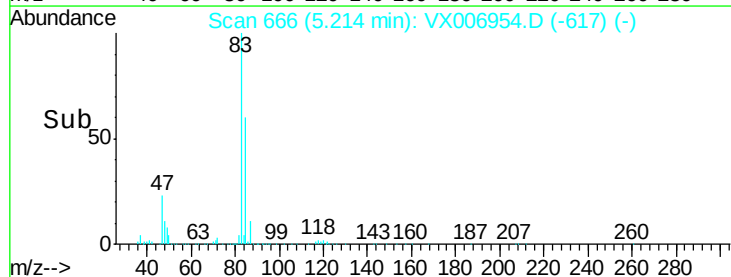
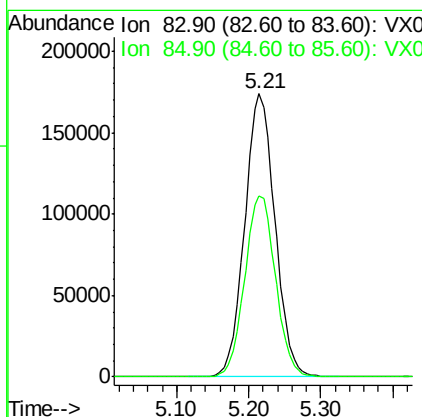
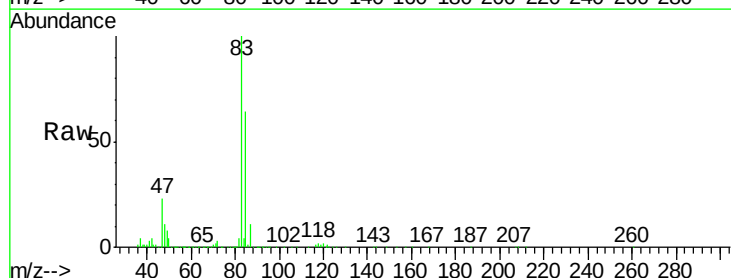
Manual Integrations
APPROVED

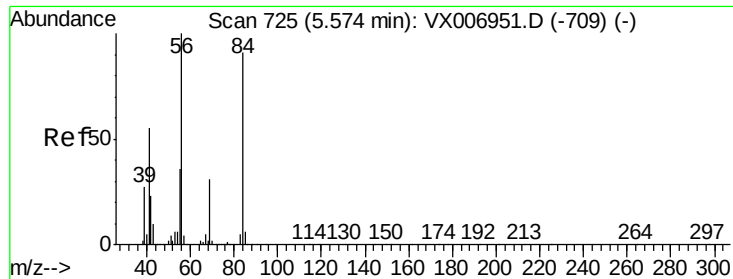
MMDadoda
1/9/2019 10:25:19 AM



#30
Chloroform
Concen: 47.612 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8





#31

Cyclohexane

Concen: 48.334 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

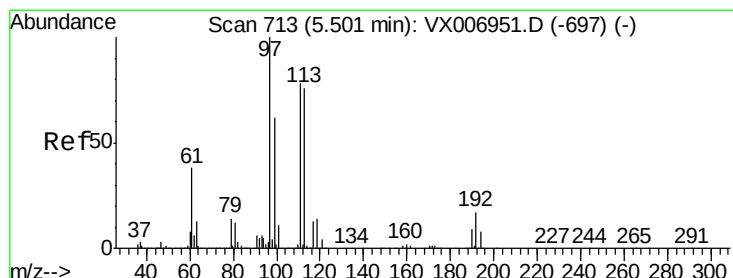
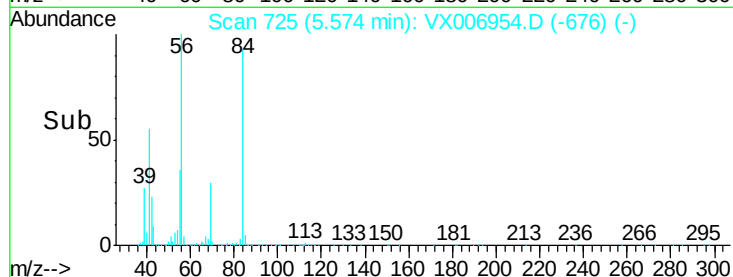
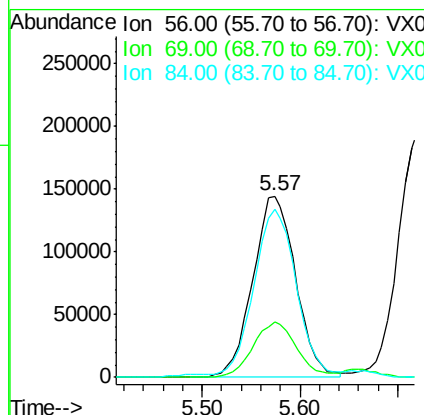
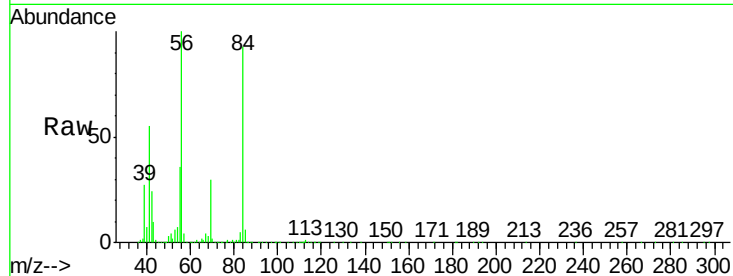
ClientSampleId :

ICVVX010819

Tot Ion:	56	Resp:	437512
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.4	36.6
84	91.6	70.0	105.0

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#32

1,1,1-Trichloroethane

Concen: 49.134 ug/l

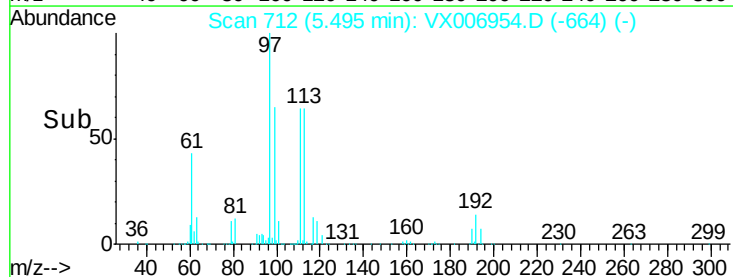
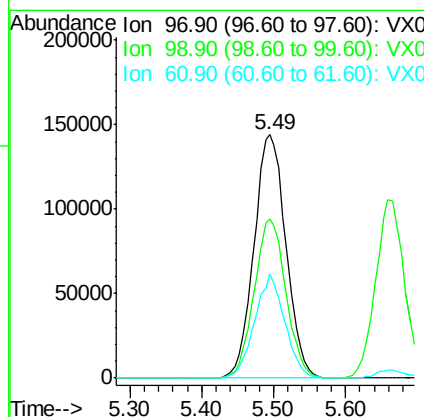
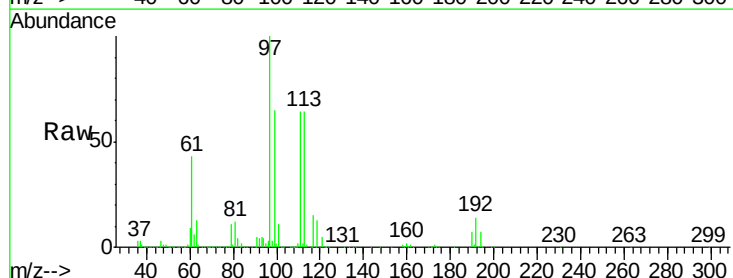
RT: 5.49 min Scan# 712

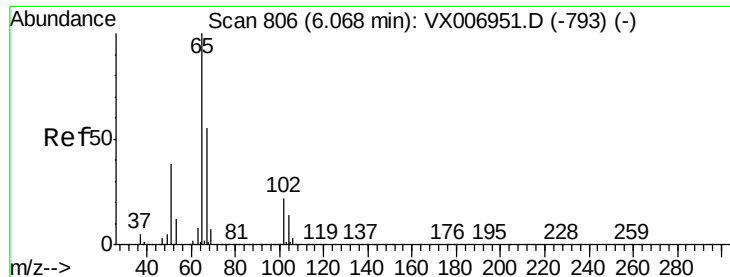
Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	97	Resp:	443461
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	40.3	31.3	46.9





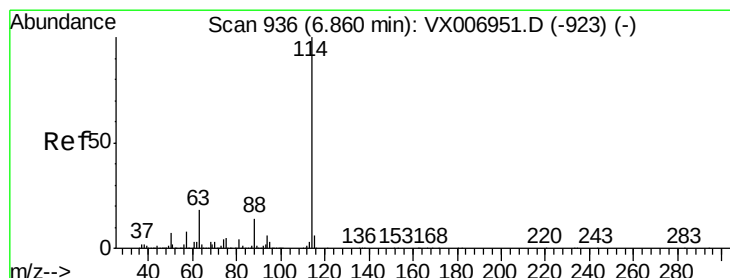
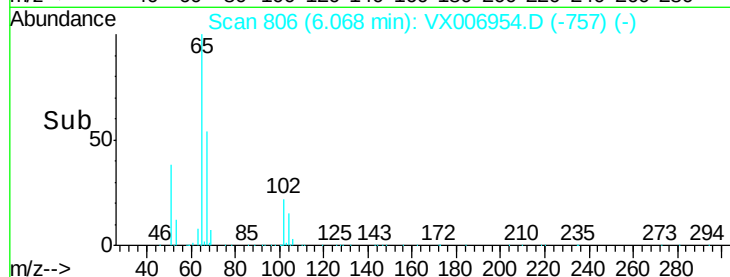
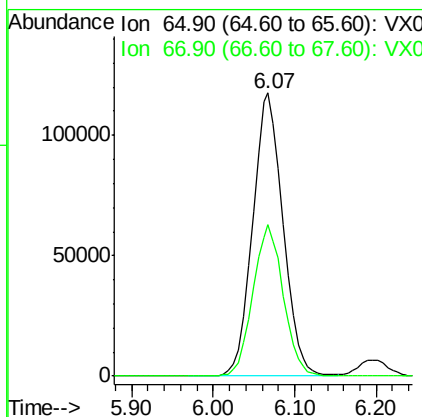
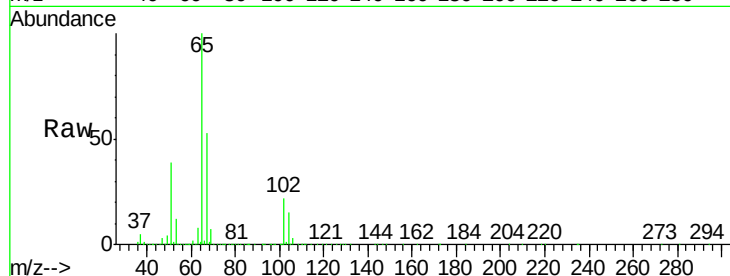
#33
 1,2-Dichloroethane-d4
 Concen: 47.507 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX010819

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	105.0	

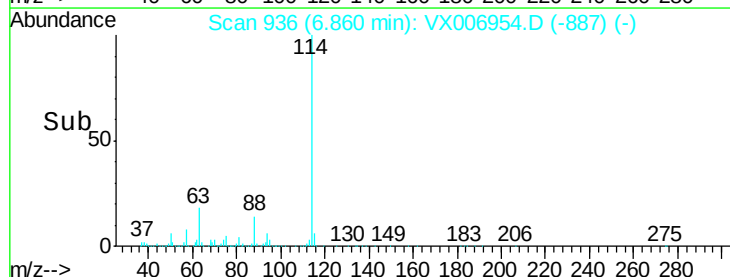
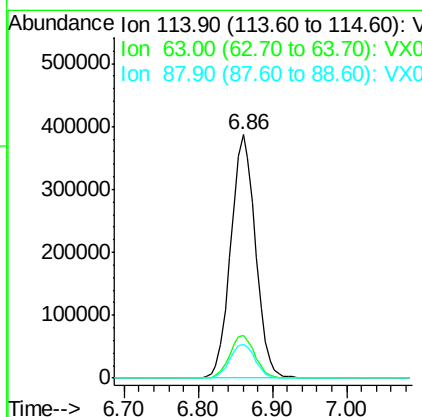
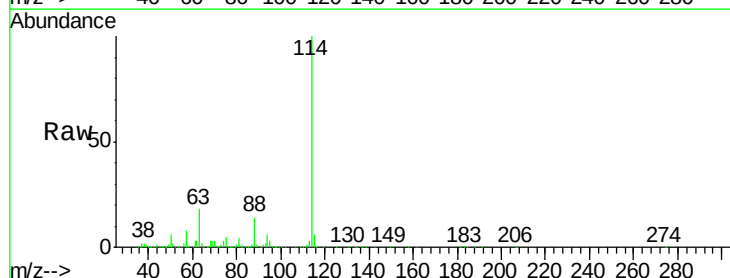
Manual Integrations
 APPROVED

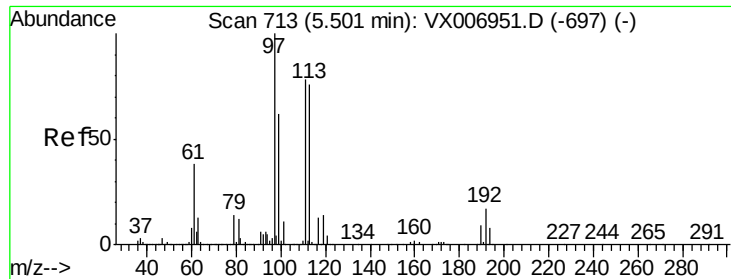
MMDadoda
 1/9/2019 10:25:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.7	0.0	34.8	
88	13.8	0.0	28.8	





#35

Dibromofluoromethane

Concen: 49.039 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

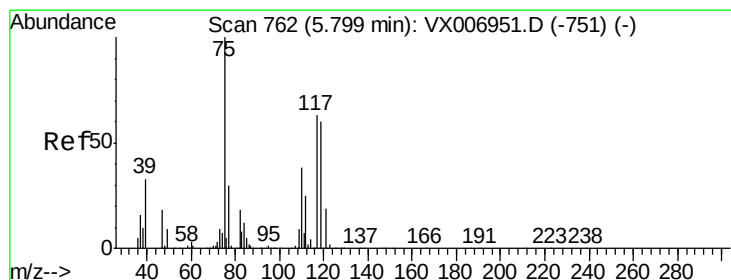
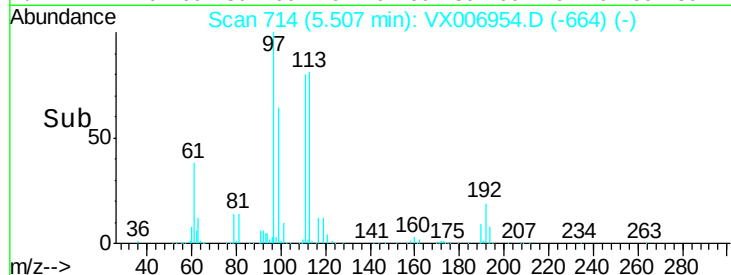
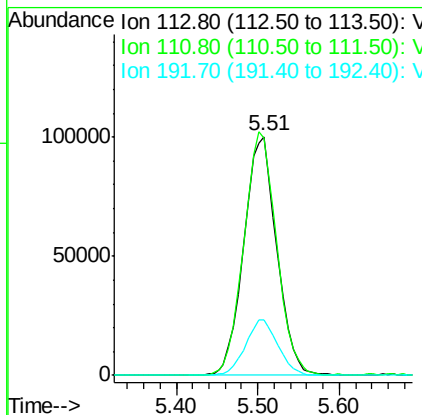
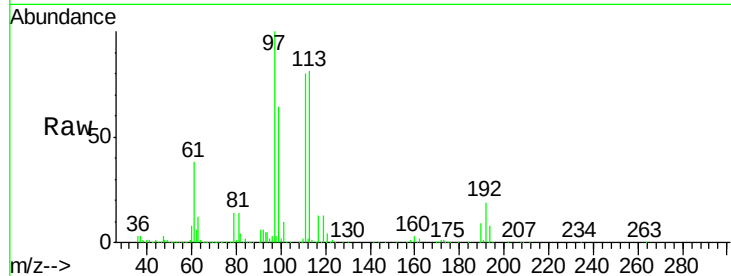
ClientSampled :

ICVVX010819

Tot Ion:	113	Resp:	281905
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.6	122.4
192	23.0	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#36

1,1-Dichloropropene

Concen: 48.700 ug/l

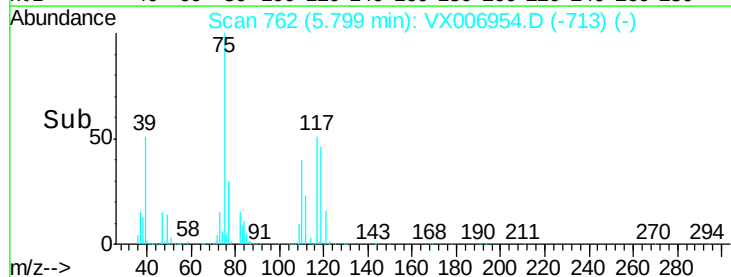
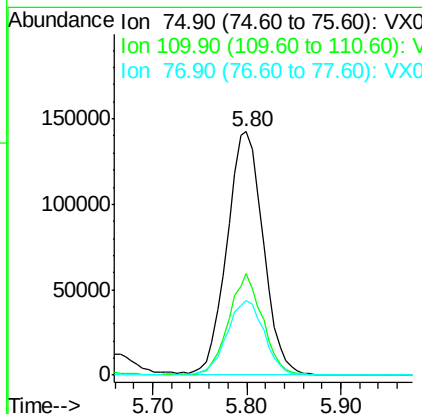
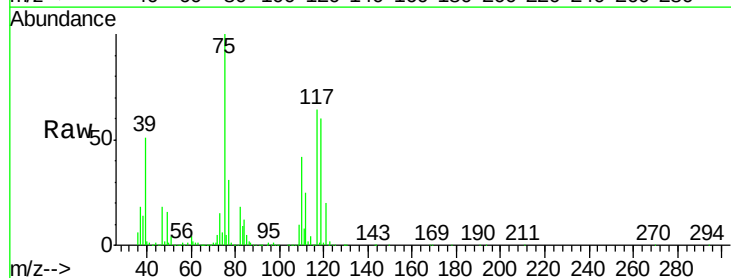
RT: 5.80 min Scan# 762

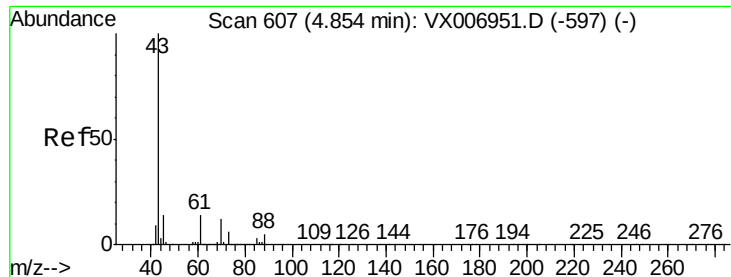
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	75	Resp:	380074
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	31.5	24.8	37.2





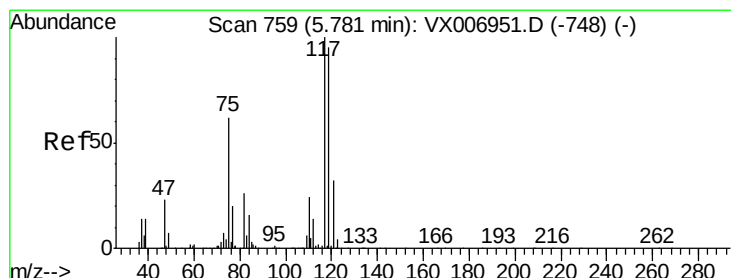
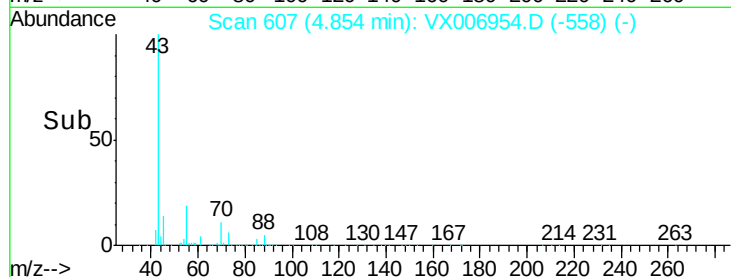
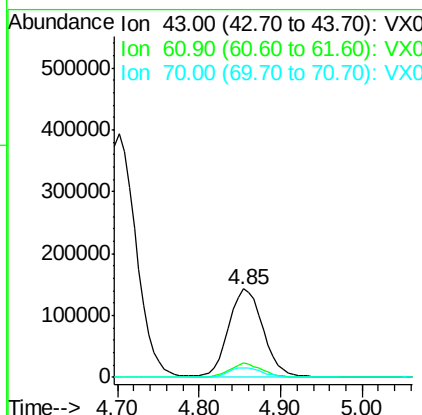
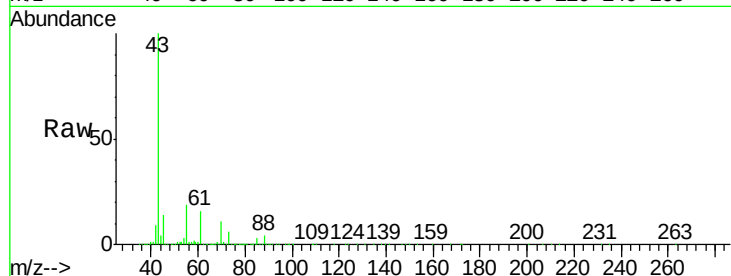
#37
Ethyl Acetate
Concen: 49.844 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	10.9	9.7	14.5

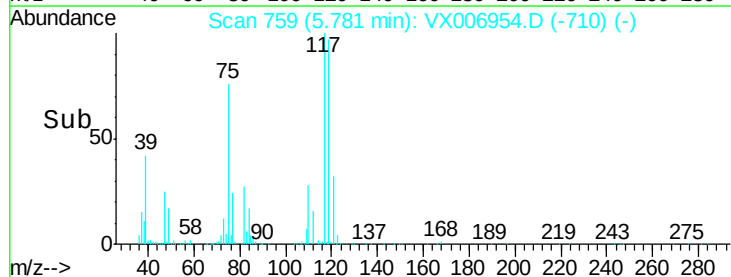
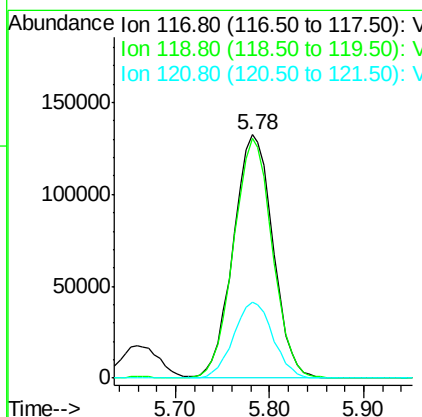
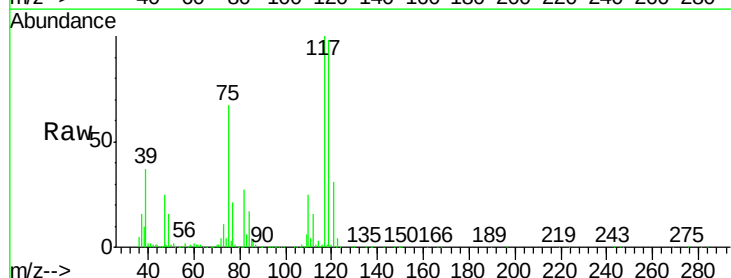
Manual Integrations
APPROVED

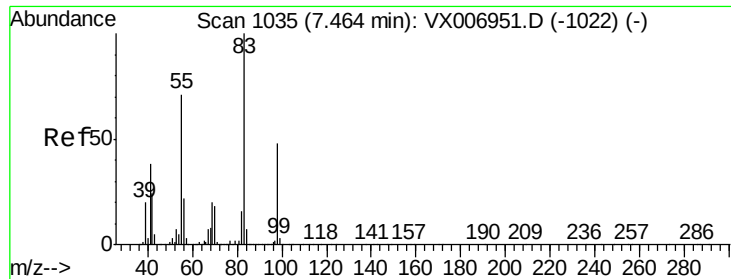
MMDadoda
1/9/2019 10:25:19 AM



#38
Carbon Tetrachloride
Concen: 49.516 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	79.4	119.2
121	31.1	24.0	36.0





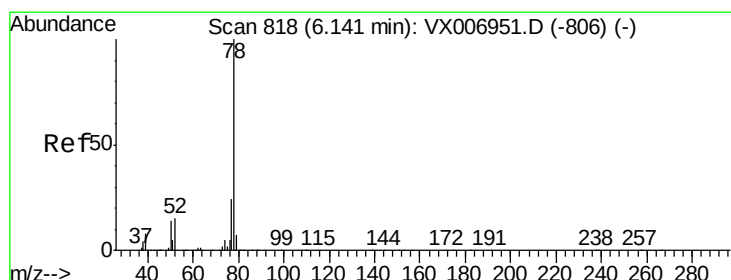
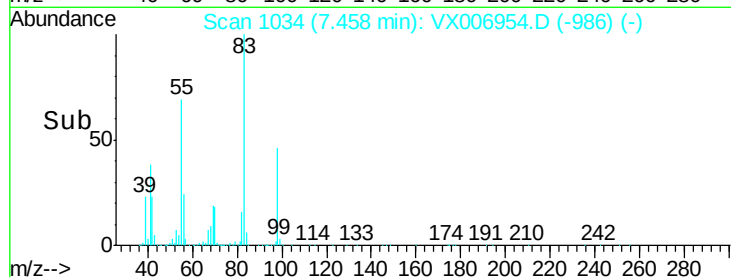
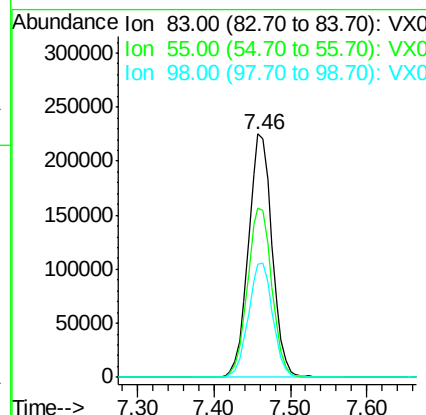
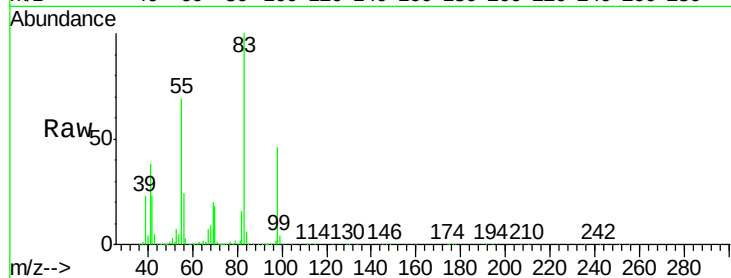
#39
Methylvlcyclohexane
Concen: 48.649 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.3	54.9	82.3
98	46.3	37.9	56.9

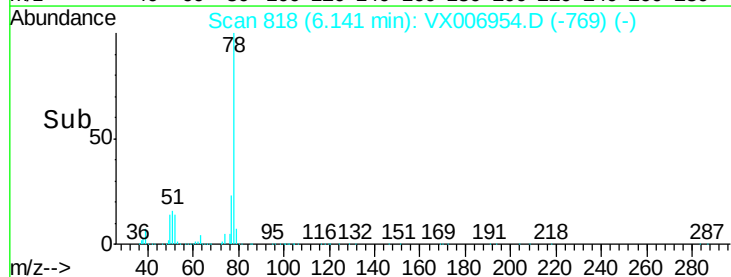
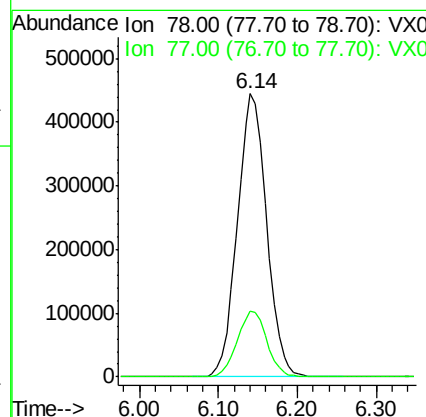
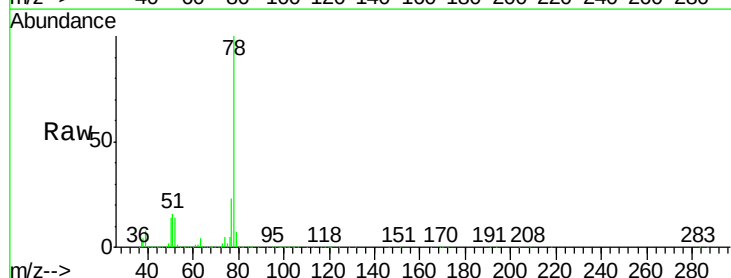
Manual Integrations
APPROVED

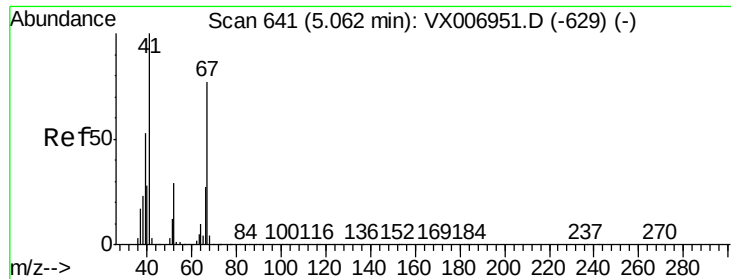
MMDadoda
1/9/2019 10:25:19 AM



#40
Benzene
Concen: 48.162 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





#41

Methacrylonitrile

Concen: 46.265 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

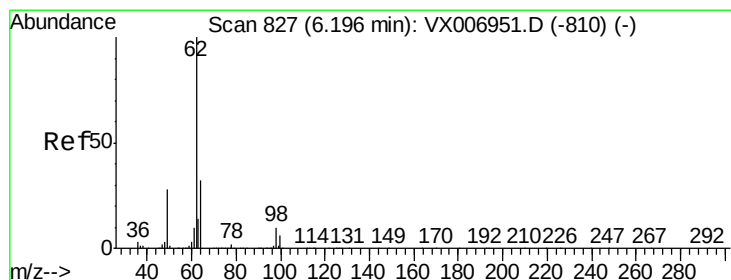
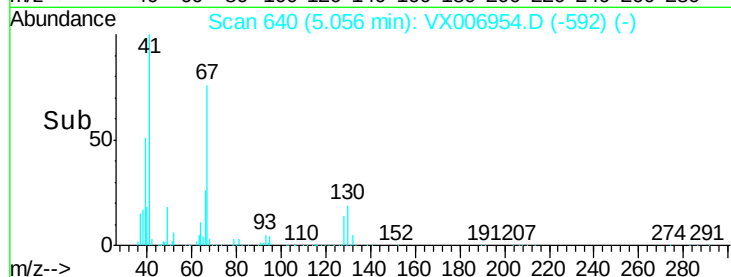
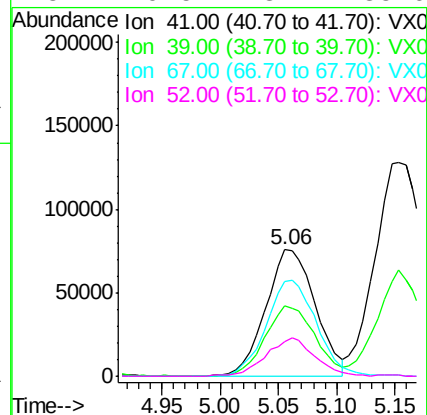
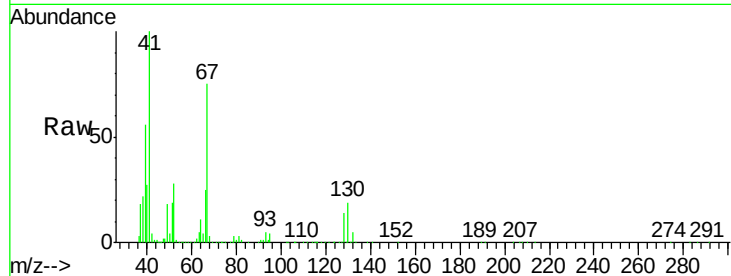
ClientSampleId :

ICVVX010819

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	42.8	64.2	
67	76.7	62.1	93.1	
52	29.5	23.4	35.0	

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#42

1,2-Dichloroethane

Concen: 47.273 ug/l

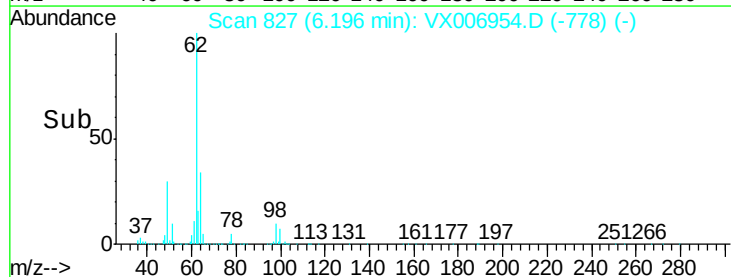
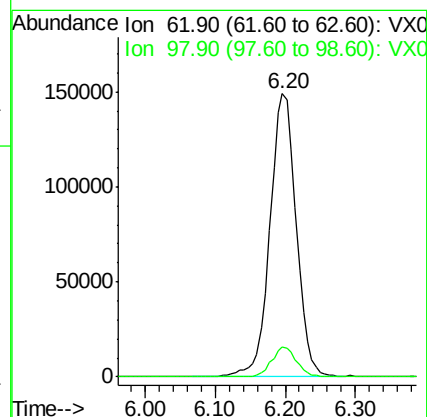
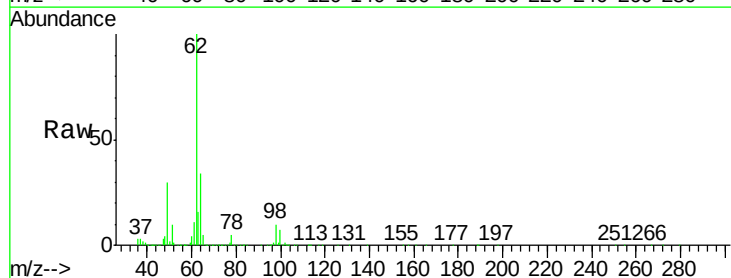
RT: 6.20 min Scan# 827

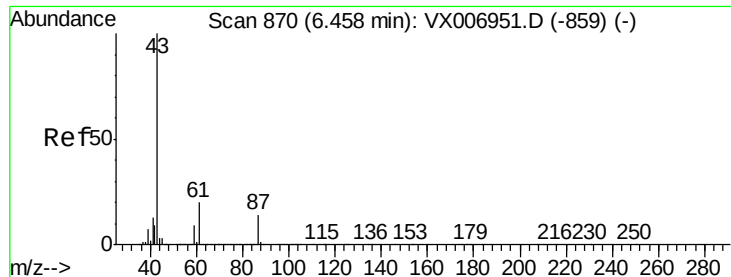
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 50.409 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

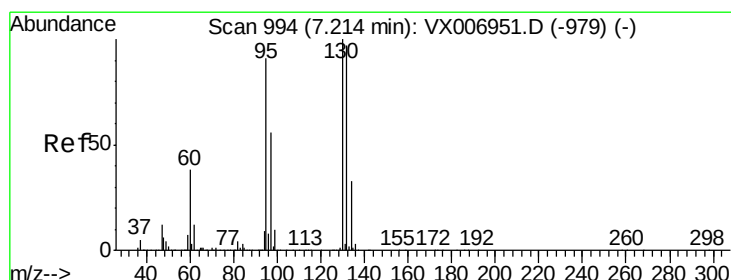
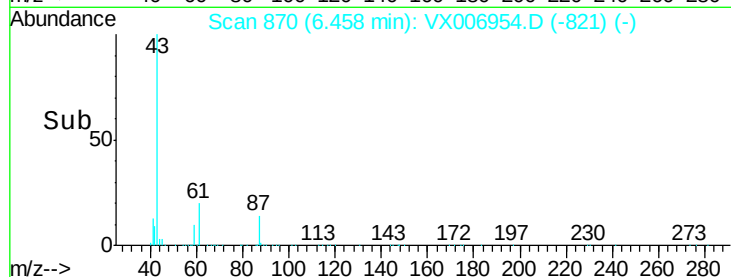
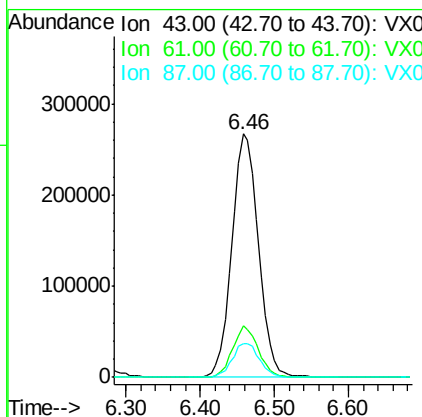
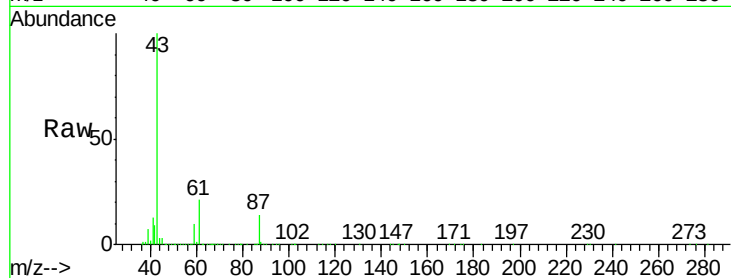
ClientSampleId :

ICVVX010819

Tot Ion:	43	Resp:	665291
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.8	25.2
87	14.3	12.4	18.6

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#44

Trichloroethene

Concen: 47.541 ug/l

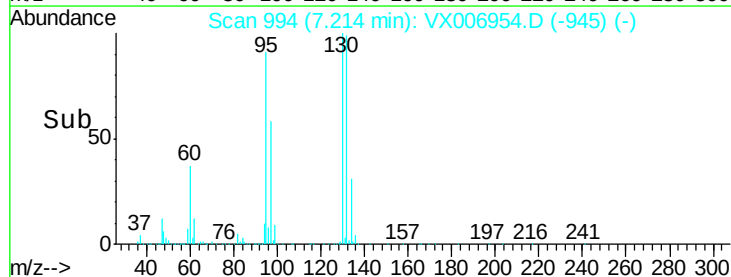
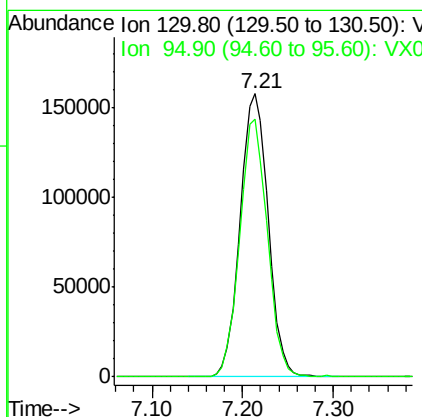
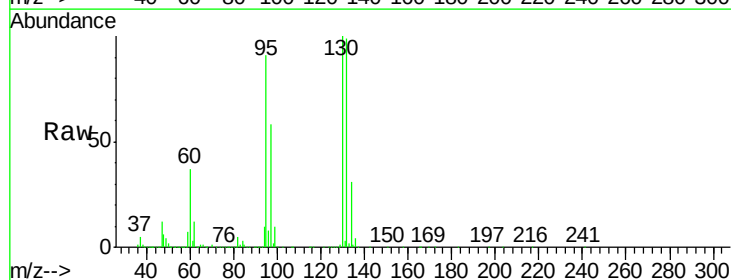
RT: 7.21 min Scan# 994

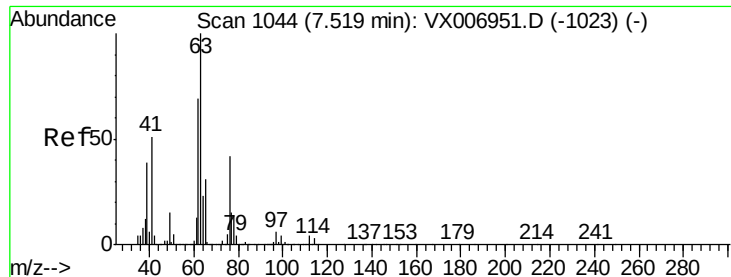
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	130	Resp:	339258
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	187.0





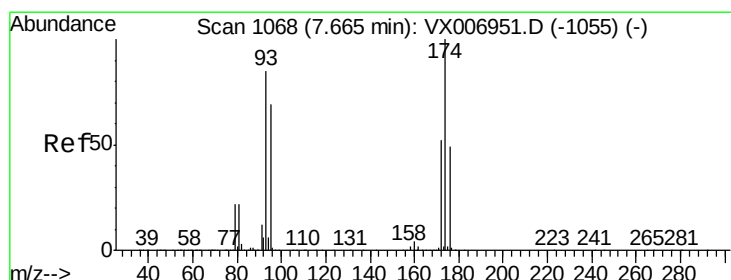
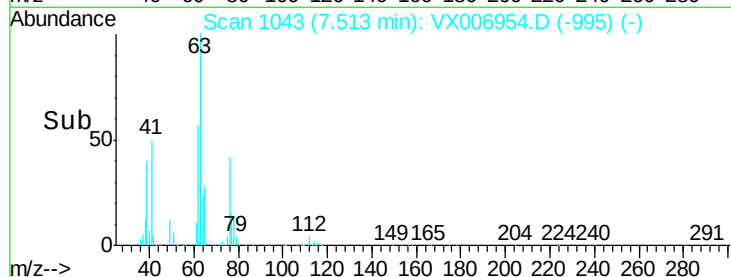
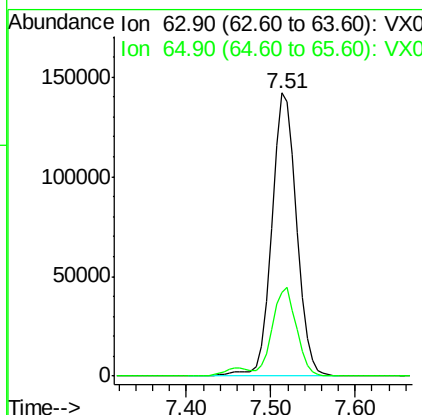
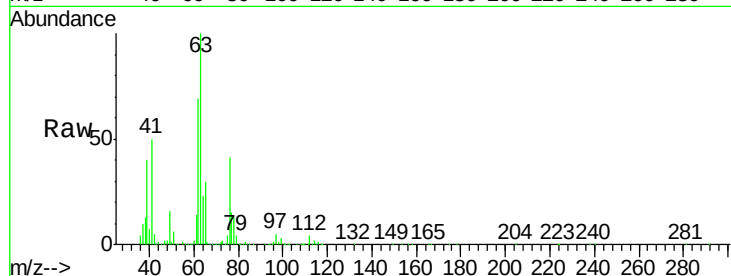
#45
 1,2-Dichloropropane
 Concen: 48.536 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	25.4	38.0

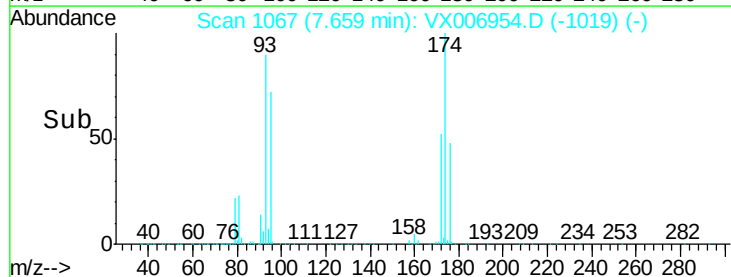
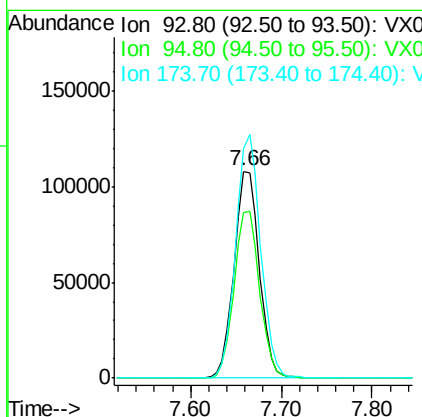
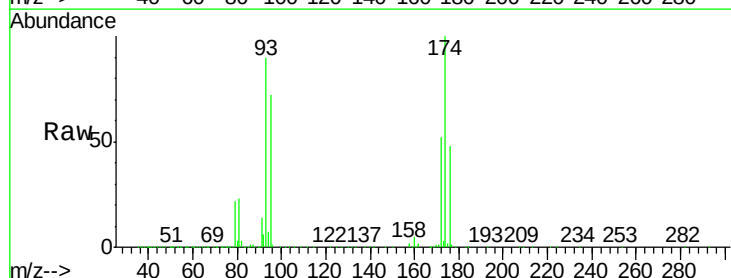
Manual Integrations
 APPROVED

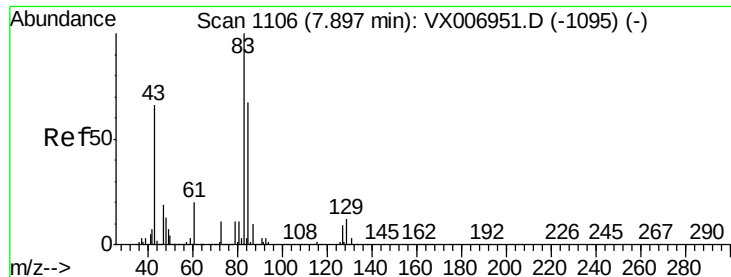
MMDadoda
 1/9/2019 10:25:19 AM



#46
 Dibromomethane
 Concen: 49.461 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.2	99.4
174	117.1	91.0	136.4





#47

Bromodichloromethane

Concen: 50.836 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

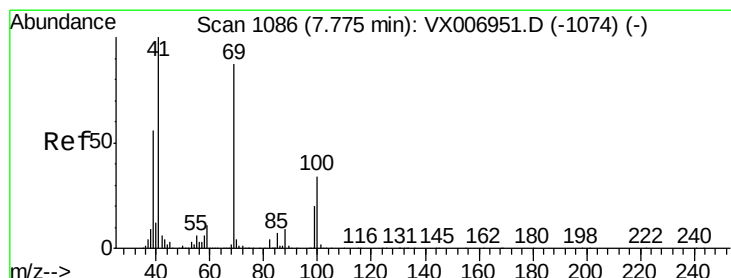
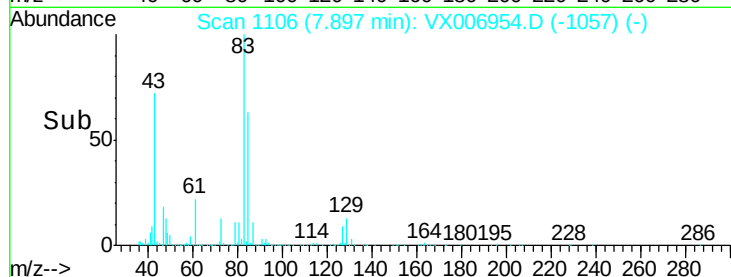
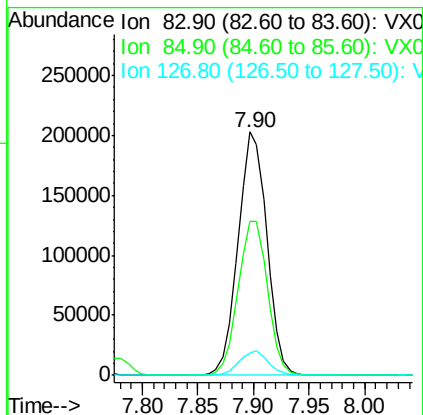
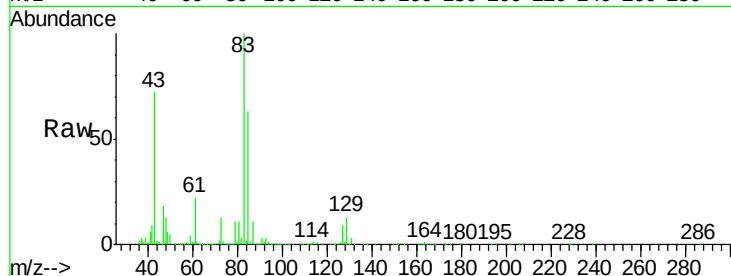
ClientSampleId :

ICVVX010819

Tot Ion:	83	Resp:	364088
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.2	79.8
127	9.1	7.8	11.6

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#48

Methyl methacrylate

Concen: 49.409 ug/l

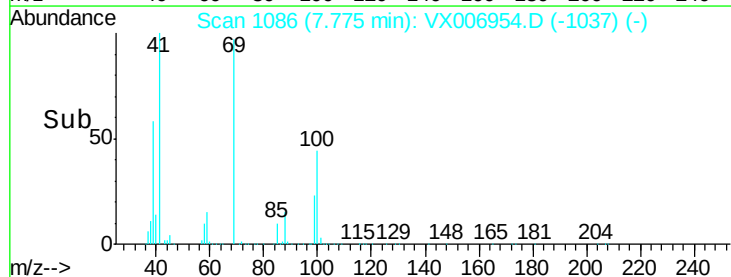
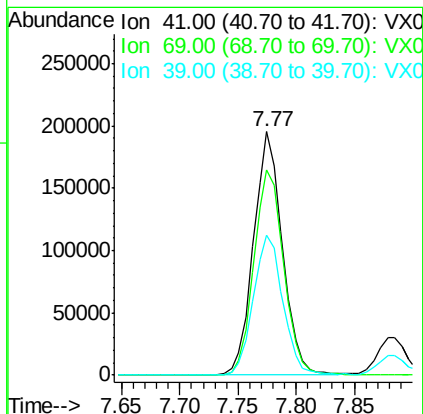
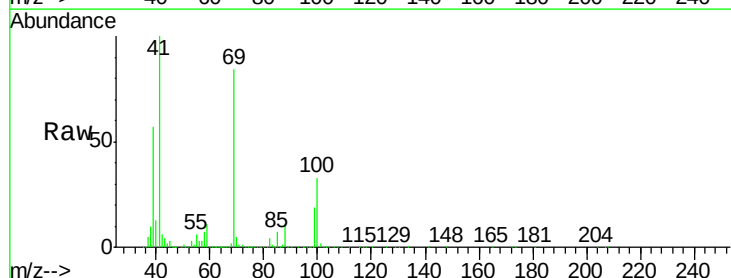
RT: 7.77 min Scan# 1086

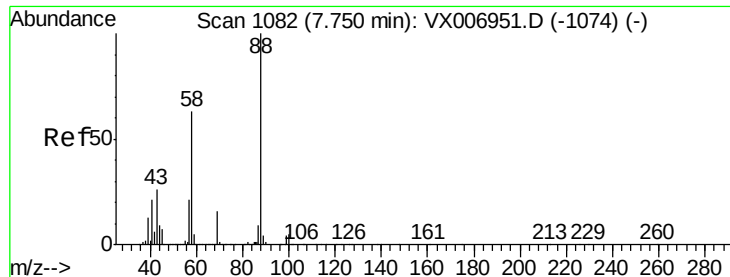
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	41	Resp:	334875
Ion	Ratio	Lower	Upper
41	100		
69	88.0	72.4	108.6
39	58.2	45.8	68.8





#49

1,4-Dioxane

Concen: 959.629 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

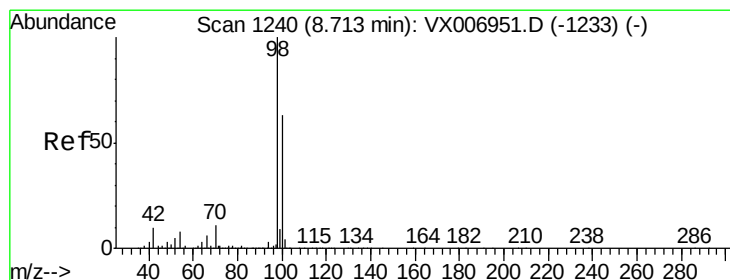
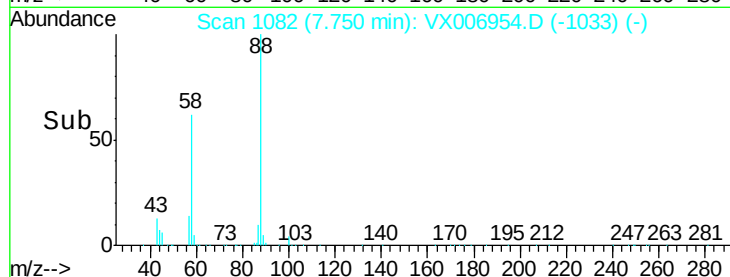
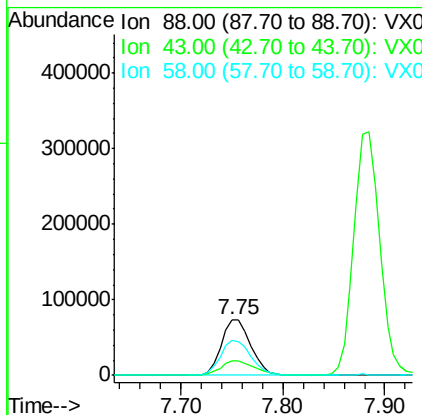
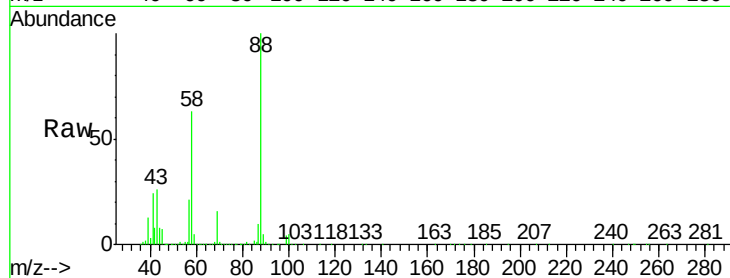
ClientSampleId :

ICVVX010819

Tot Ion:	88	Resp:	148586
Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.2	33.4
58	65.0	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#50

Toluene-d8

Concen: 49.336 ug/l

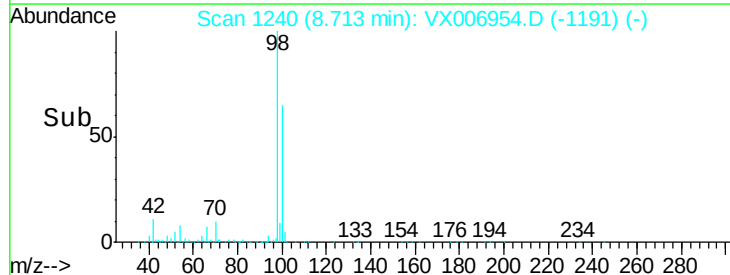
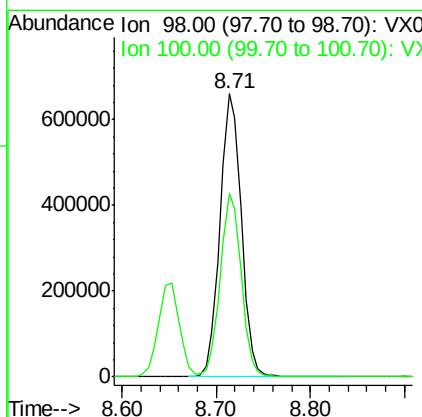
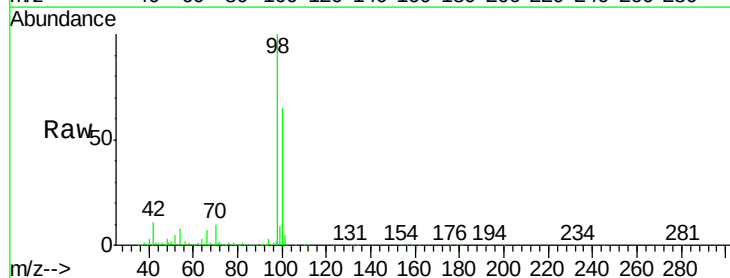
RT: 8.71 min Scan# 1240

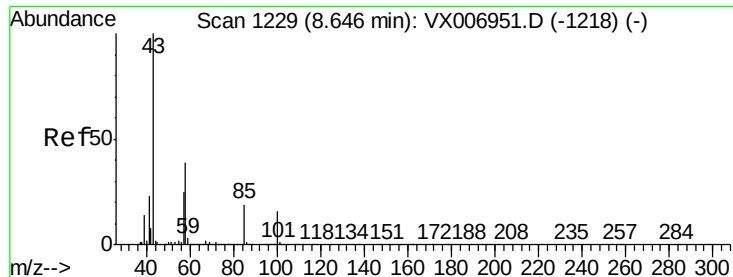
Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:	98	Resp:	1038118
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 247.397 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

ICVVX010819

Tot Ion: 43 Resp: 2098371

Ion Ratio Lower Upper

43 100

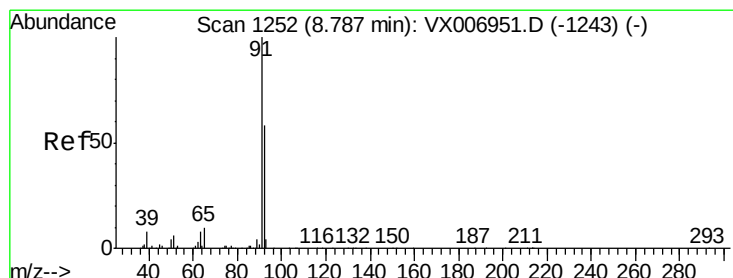
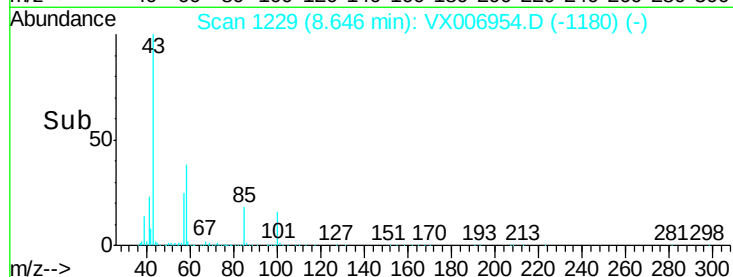
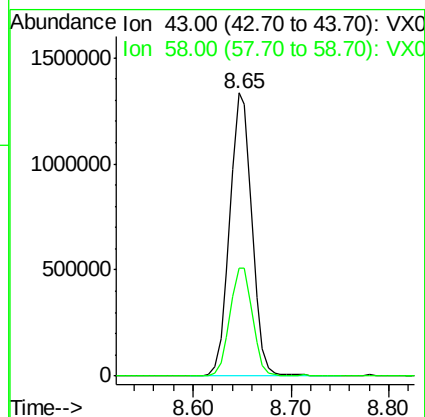
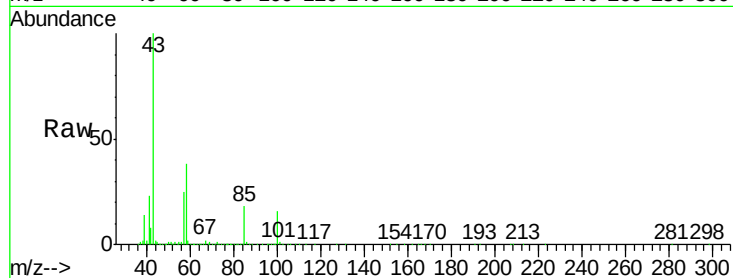
58 39.1 31.8 47.6

Manual Integrations

APPROVED

MMDadoda

1/9/2019 10:25:19 AM



#52

Toluene

Concen: 48.530 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006954.D

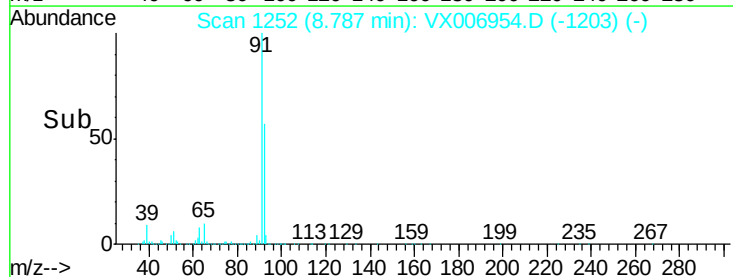
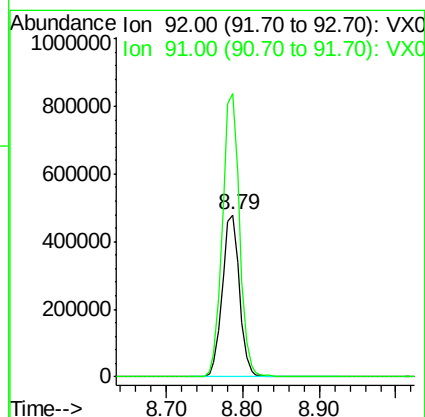
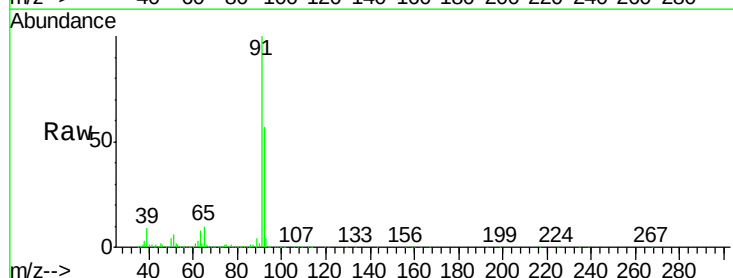
Acq: 08 Jan 2019 14:11

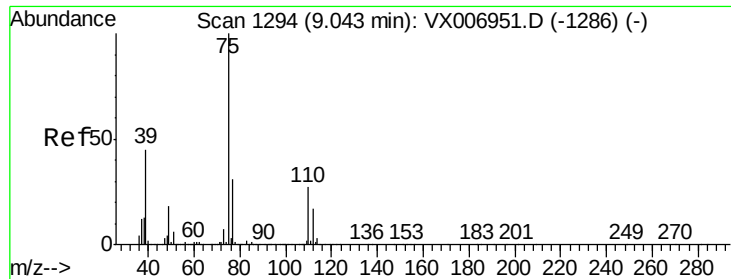
Tgt Ion: 92 Resp: 742799

Ion Ratio Lower Upper

92 100

91 174.7 137.6 206.4





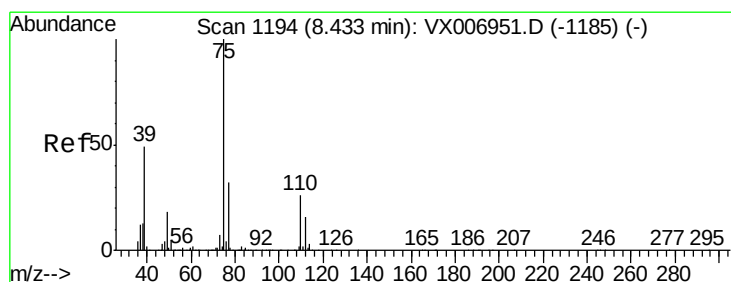
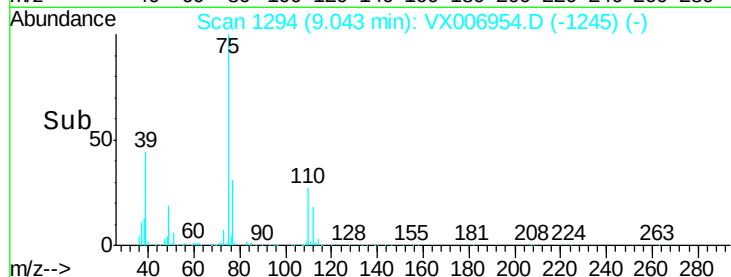
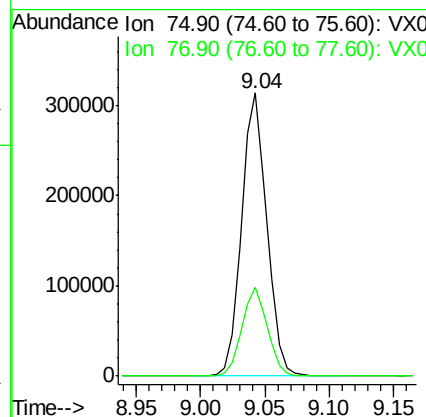
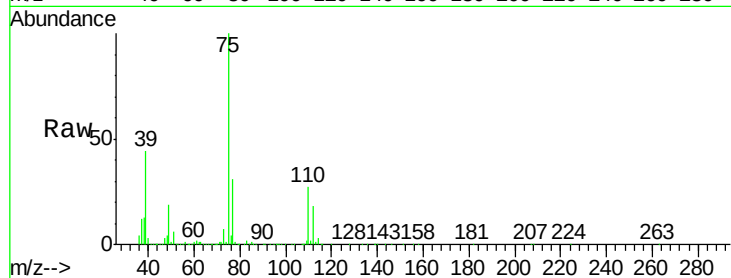
#53
t-1,3-Dichloropropene
Concen: 53.508 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0

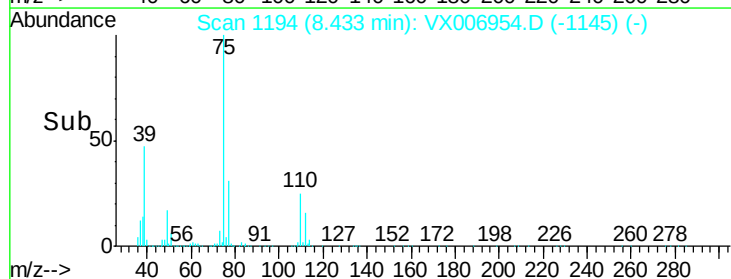
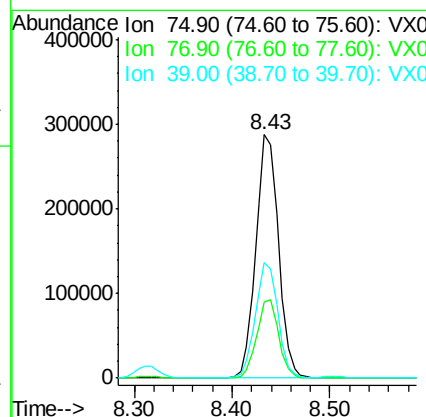
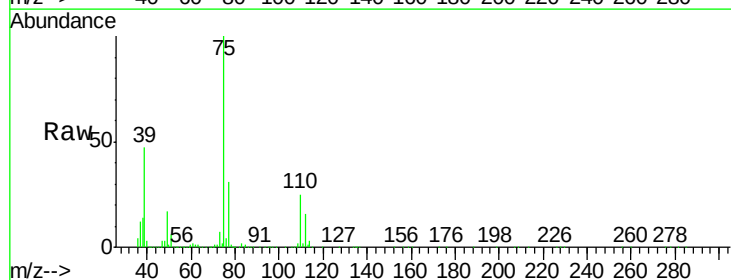
Manual Integrations
APPROVED

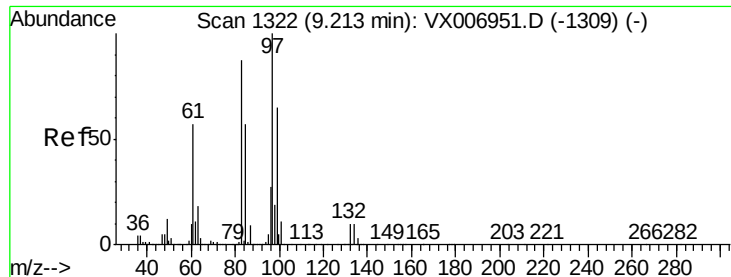
MMDadoda
1/9/2019 10:25:19 AM



#54
cis-1,3-Dichloropropene
Concen: 52.630 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.2
39	47.3	36.7	55.1





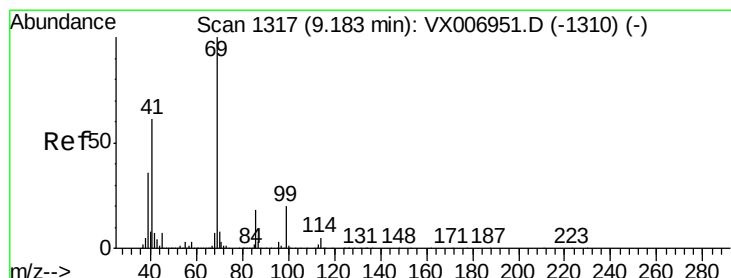
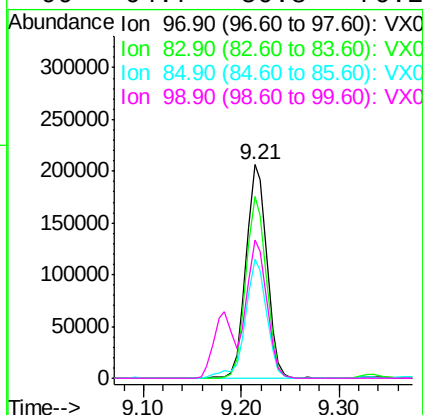
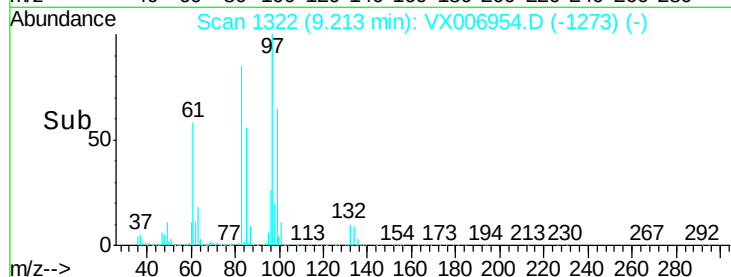
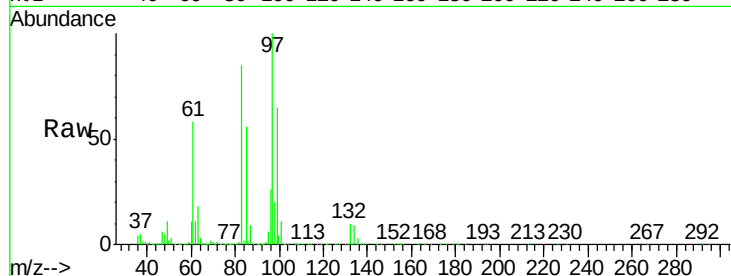
#55
 1,1,2-Trichloroethane
 Concen: 49.992 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.6	99.8
85	55.8	42.7	64.1
99	64.7	50.8	76.2

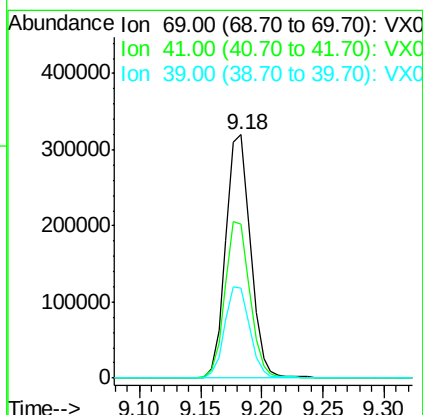
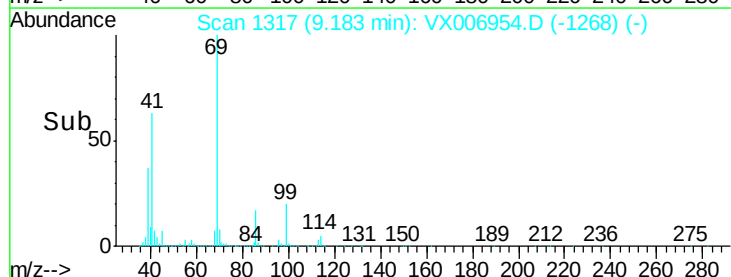
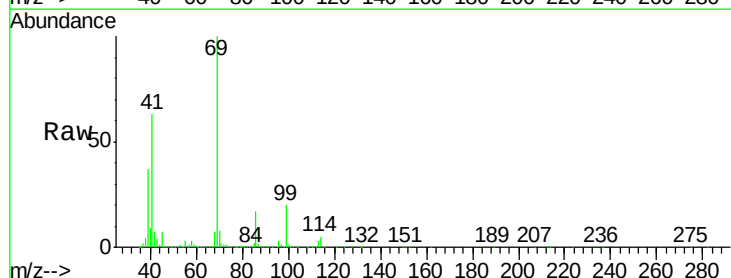
Manual Integrations
 APPROVED

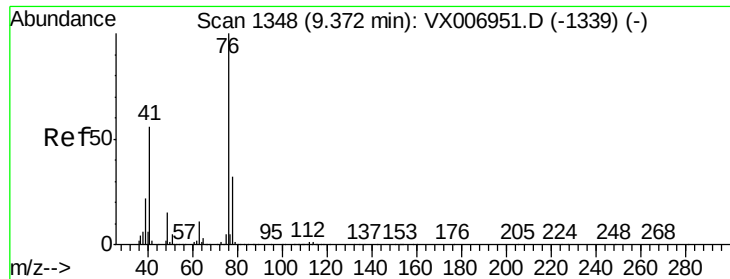
MMDadoda
 1/9/2019 10:25:19 AM



#56
 Ethyl methacrylate
 Concen: 50.076 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.6	48.7	73.1
39	37.8	27.0	40.6





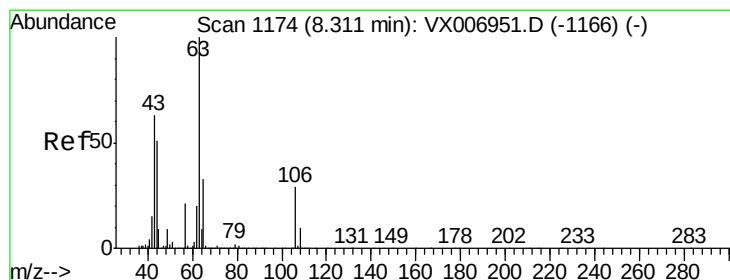
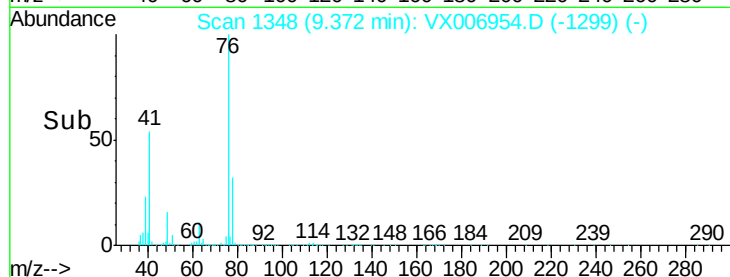
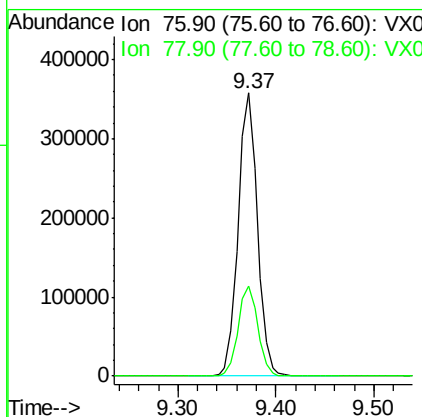
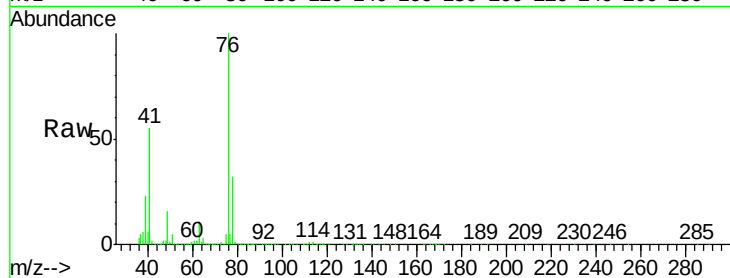
#57
 1,3-Dichloropropane
 Concen: 48.822 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Tot Ion: 76 Resp: 490015
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.0 39.0

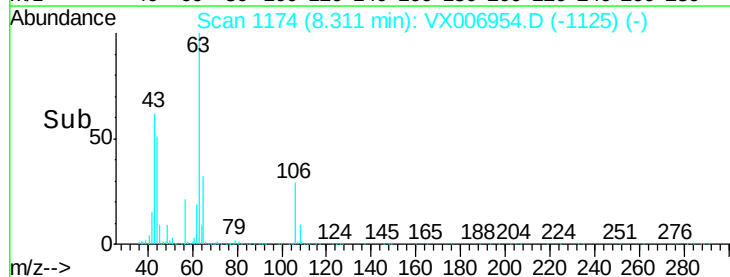
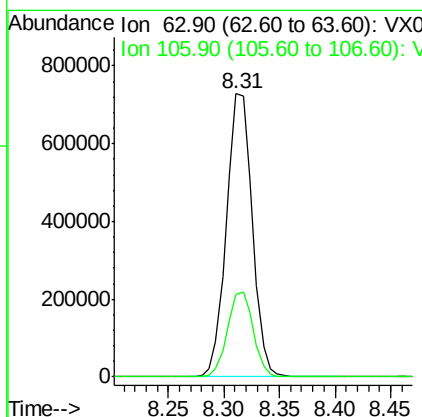
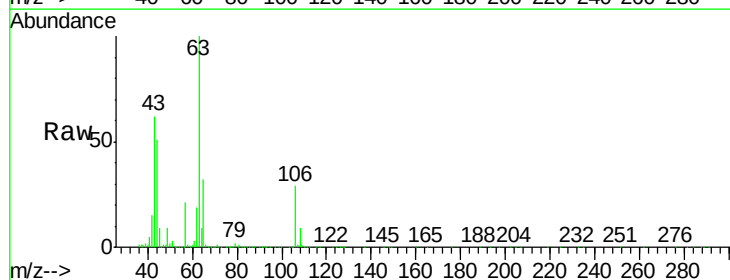
Manual Integrations
 APPROVED

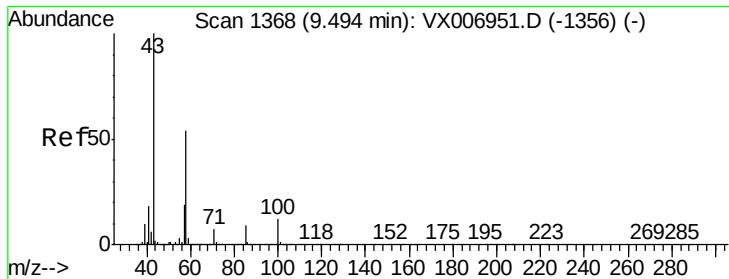
MMDadoda
 1/9/2019 10:25:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.080 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion: 63 Resp: 1172986
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.6 36.8





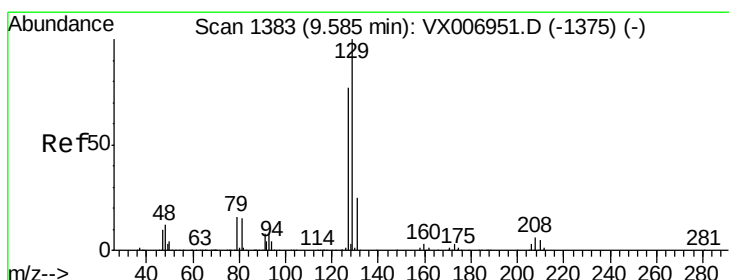
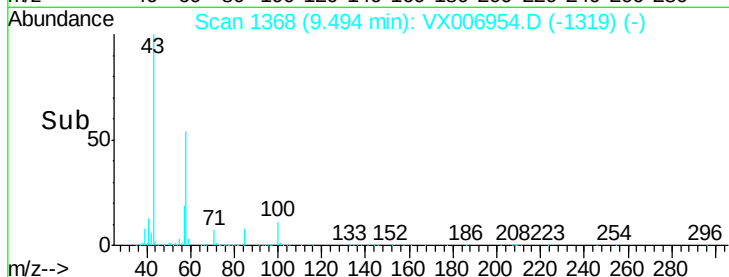
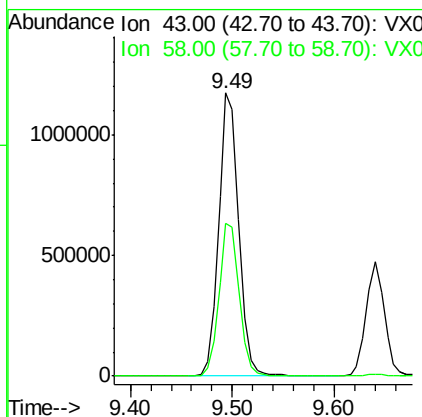
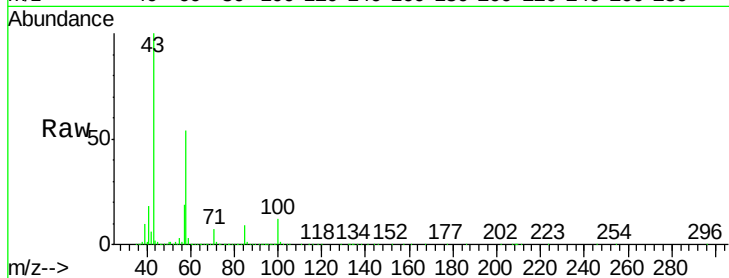
#59
2-Hexanone
Concen: 249.513 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion: 43 Resp: 1612755
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

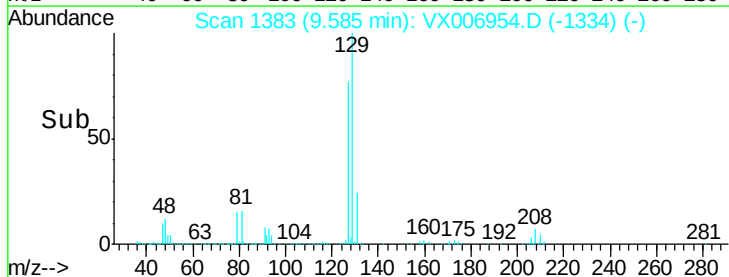
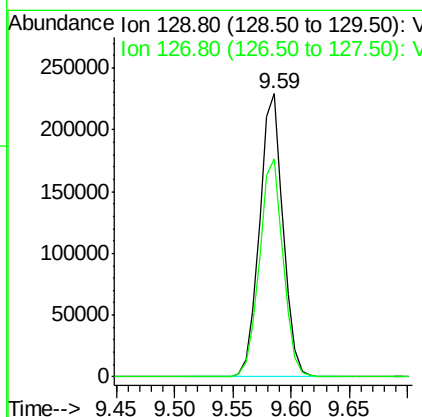
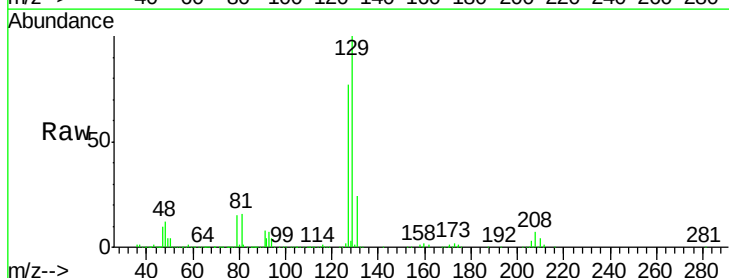
Manual Integrations
APPROVED

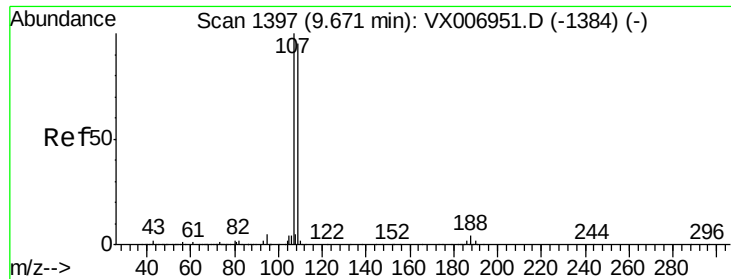
MMDadoda
1/9/2019 10:25:19 AM



#60
Dibromochloromethane
Concen: 54.285 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion: 129 Resp: 322940
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.030 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion: 107 Resp: 337429

Ion Ratio Lower Upper

107 100

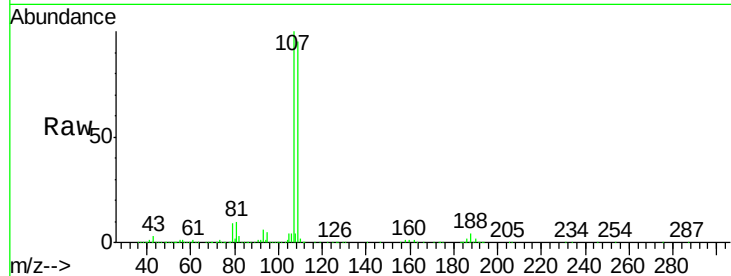
109 93.8 75.8 113.6

Manual Integrations

APPROVED

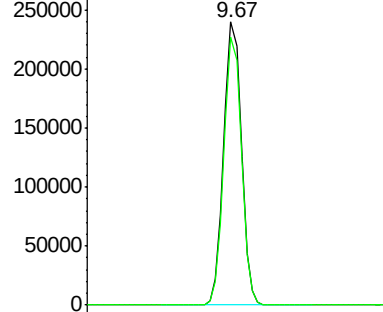
MMDadoda

1/9/2019 10:25:19 AM

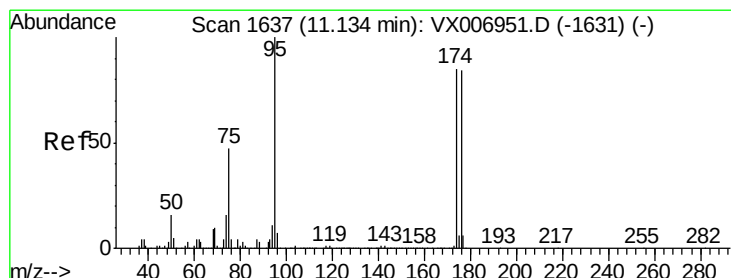
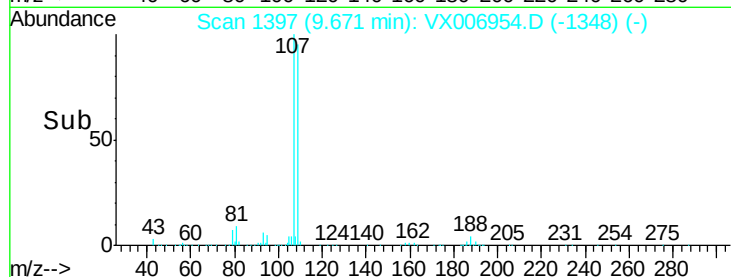


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.339 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

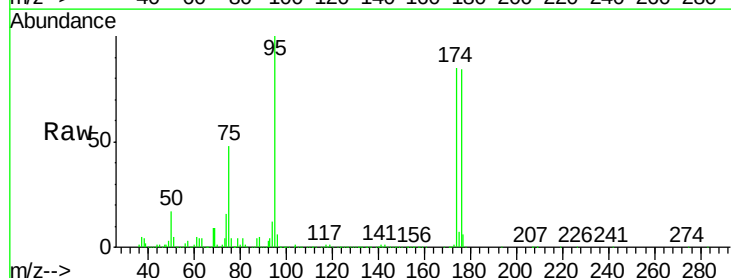
Tgt Ion: 95 Resp: 361930

Ion Ratio Lower Upper

95 100

174 94.4 0.0 182.2

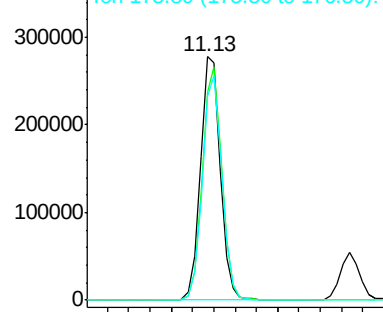
176 91.4 0.0 178.8



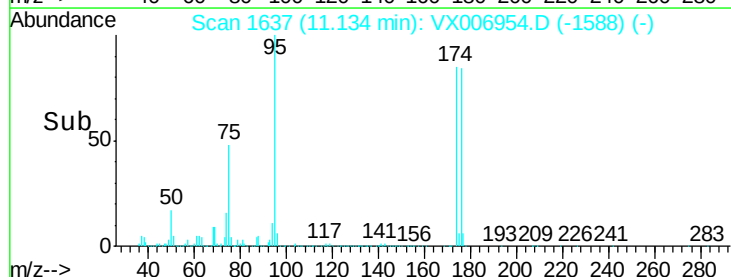
Abundance Ion 94.90 (94.60 to 95.60): VX0

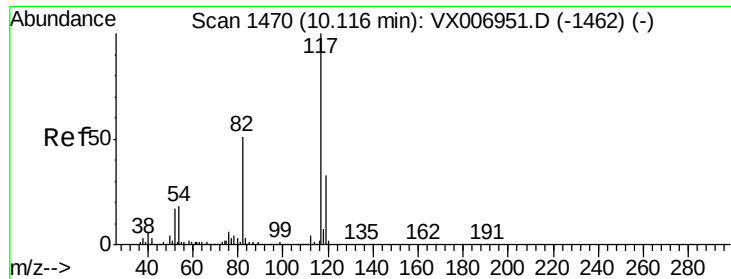
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





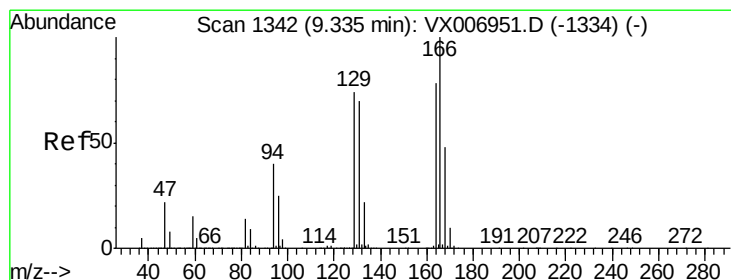
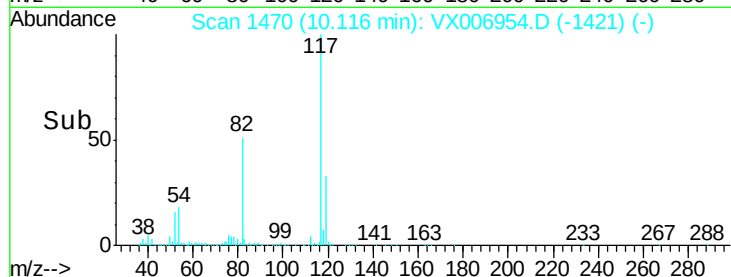
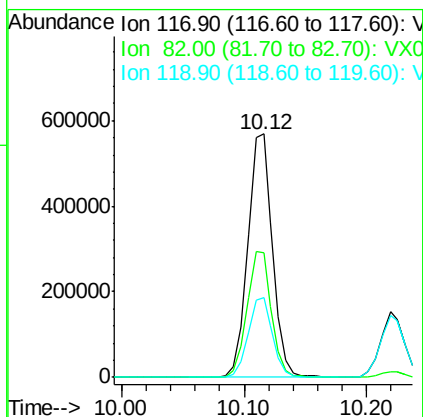
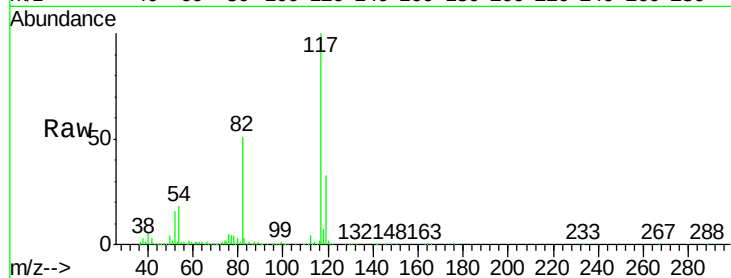
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Resp	Lower	Upper
117	100	796583		
82	51.1		41.0	61.6
119	32.7		25.4	38.0

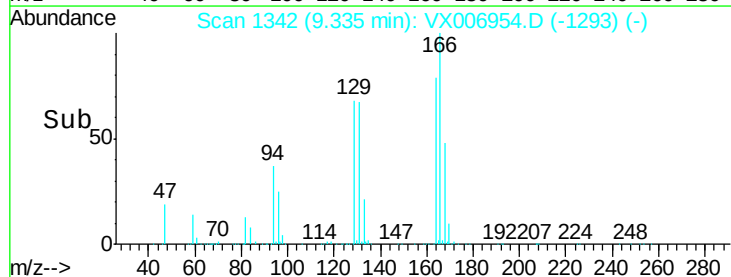
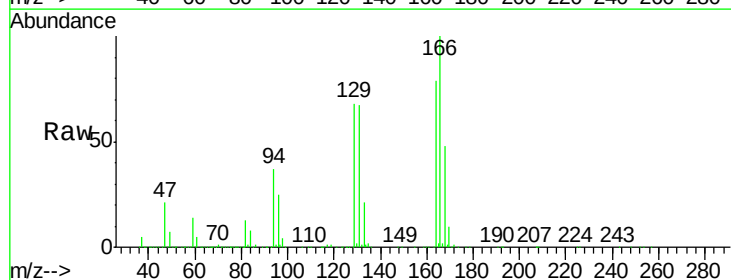
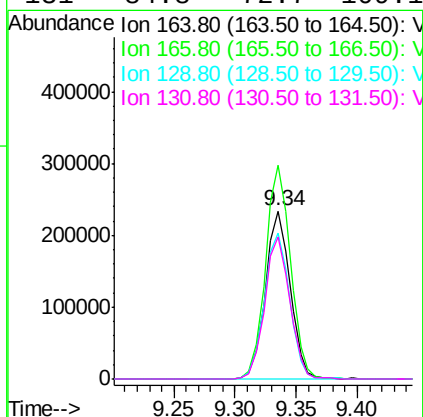
Manual Integrations
APPROVED

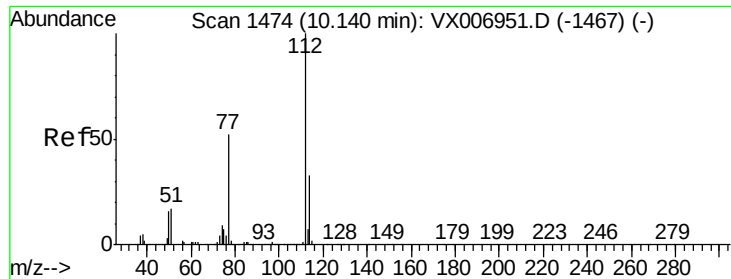
MMDadoda
1/9/2019 10:25:19 AM



#64
Tetrachloroethene
Concen: 47.868 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	330125		
166	127.0		102.5	153.7
129	86.8		75.1	112.7
131	84.8		72.7	109.1





#65

Chlorobenzene

Concen: 49.314 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

ICVVX010819

Tot Ion:112 Resp: 856779

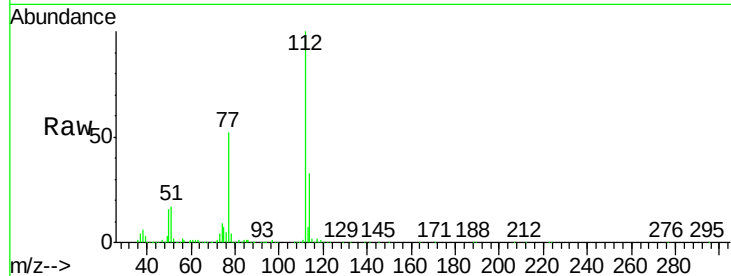
Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5

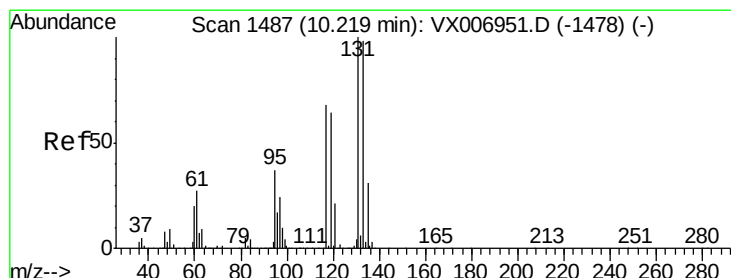
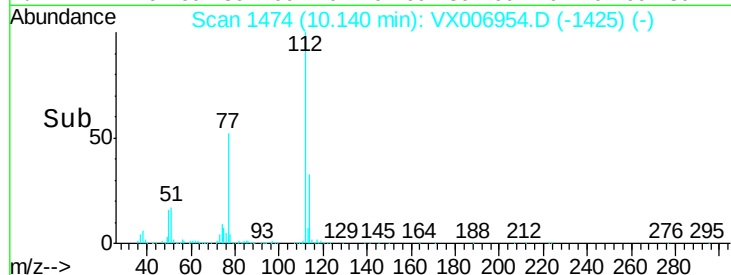
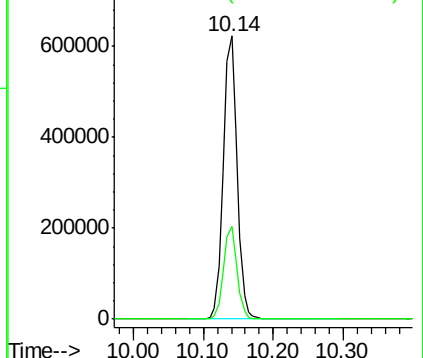
Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.686 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

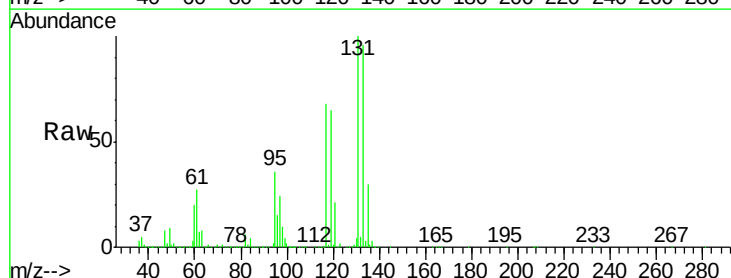
Tgt Ion:131 Resp: 307930

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

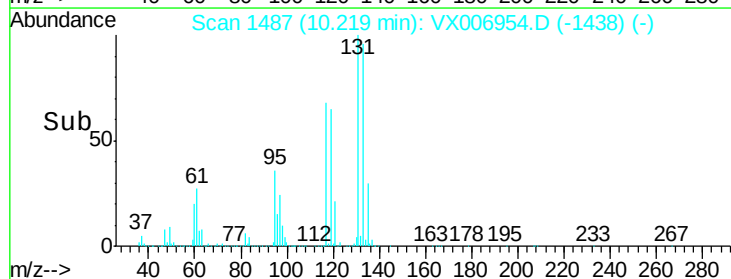
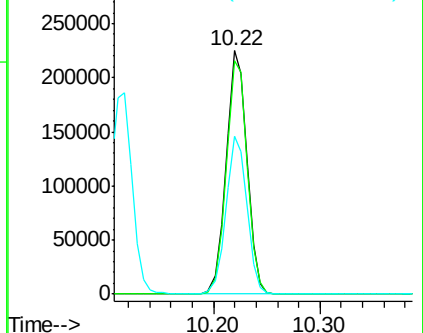
119 65.1 32.6 97.8

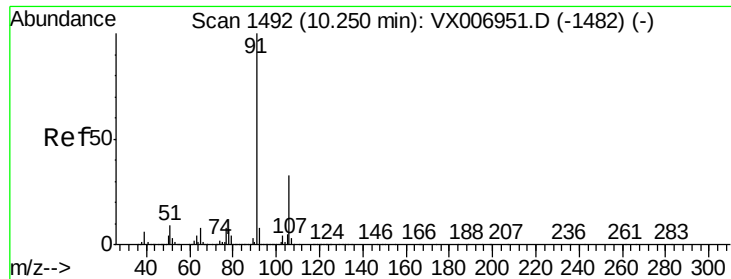


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.145 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion: 91 Resp: 1409573

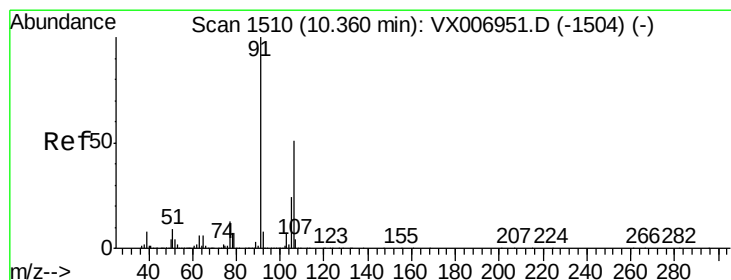
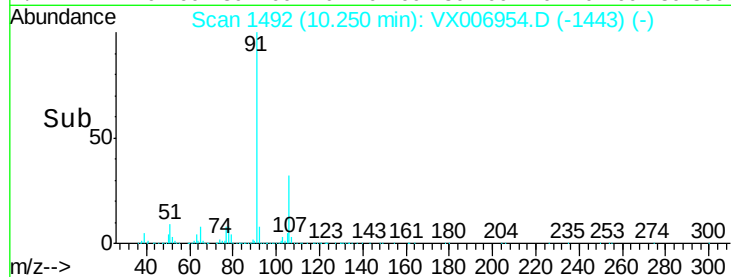
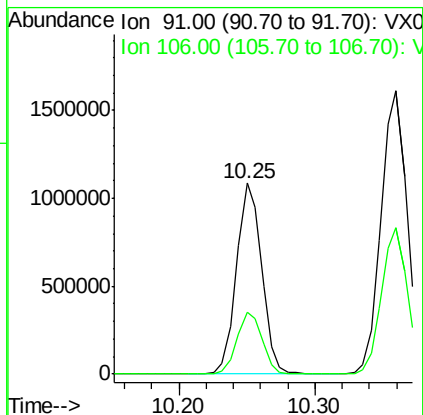
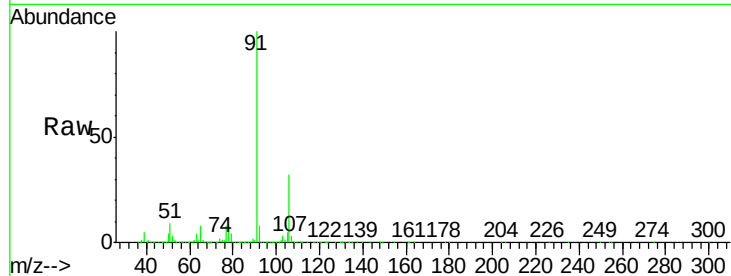
Ion Ratio Lower Upper

91 100

106 32.3 26.4 39.6

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#68

m/p-Xylenes

Concen: 98.267 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006954.D

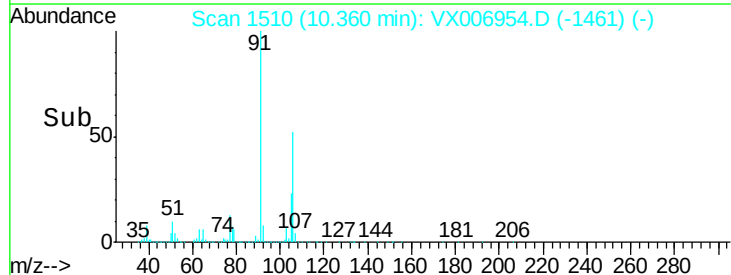
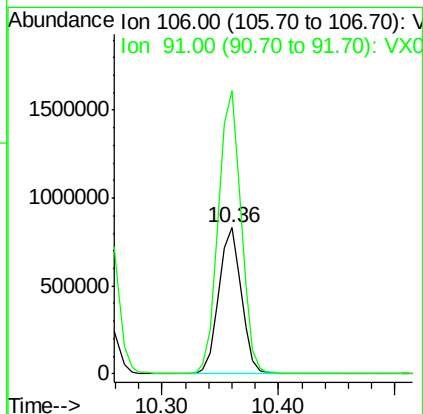
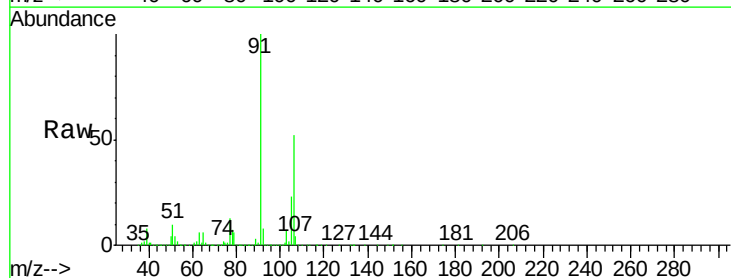
Acq: 08 Jan 2019 14:11

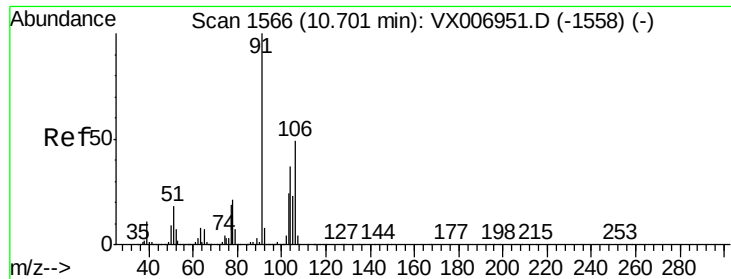
Tgt Ion: 106 Resp: 1110454

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6





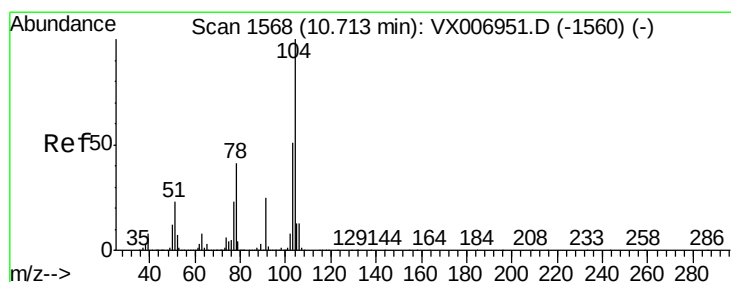
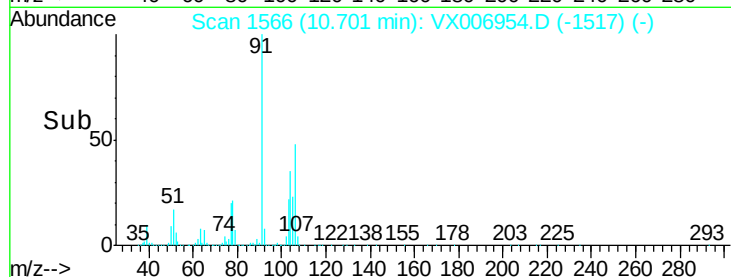
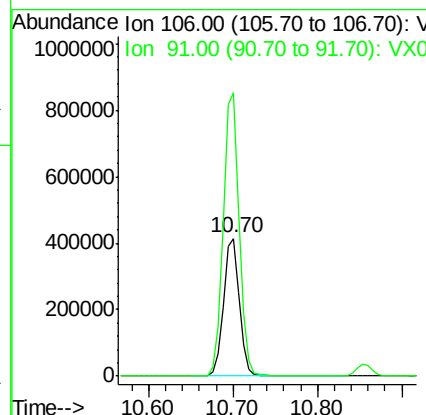
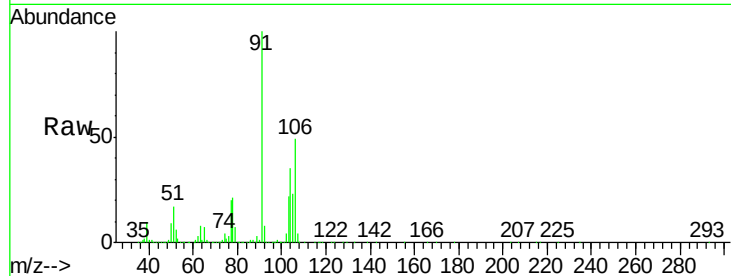
#69
o-Xylene
Concen: 49.041 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.1	101.3	303.7	

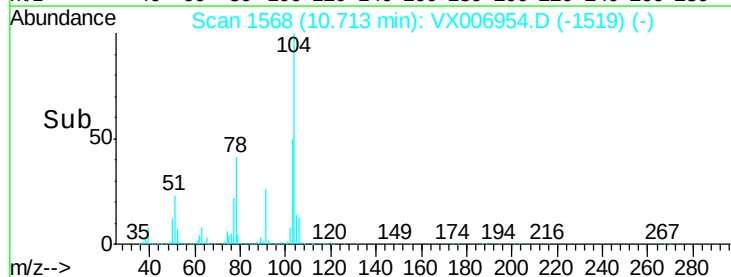
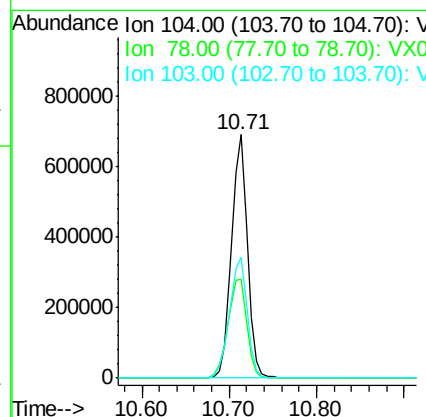
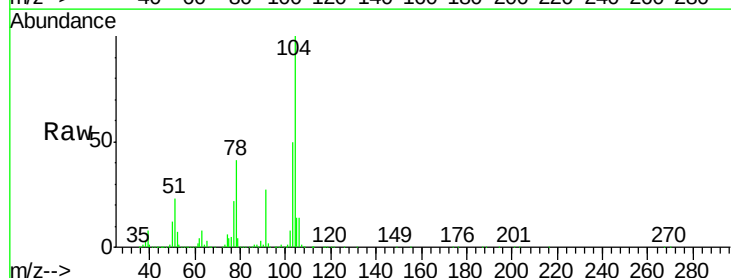
Manual Integrations
APPROVED

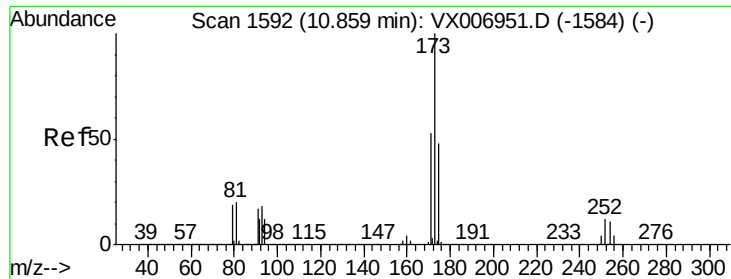
MMDadoda
1/9/2019 10:25:19 AM



#70
Styrene
Concen: 50.249 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	37.7	56.5	
103	55.1	43.8	65.8	





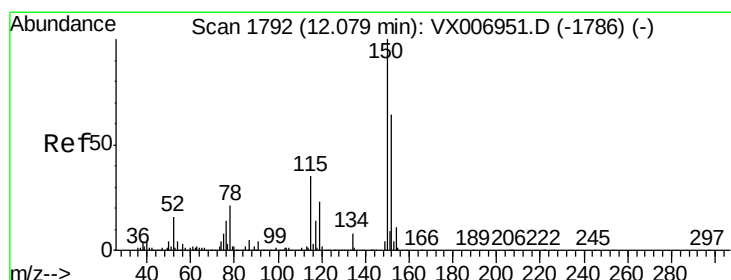
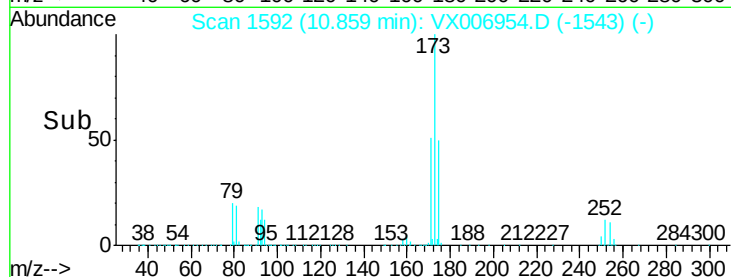
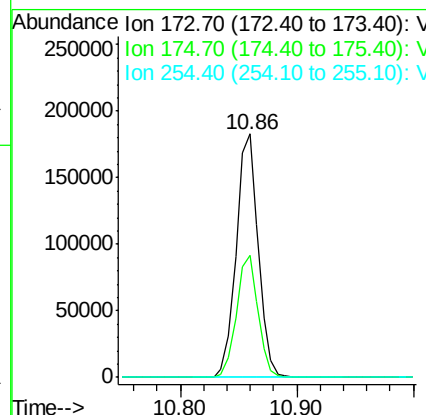
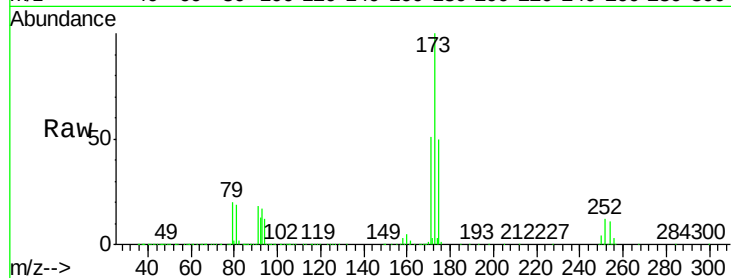
#71
Bromoform
Concen: 46.433 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.2	0.2	0.2

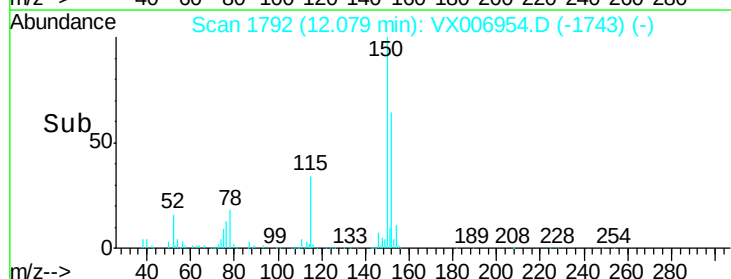
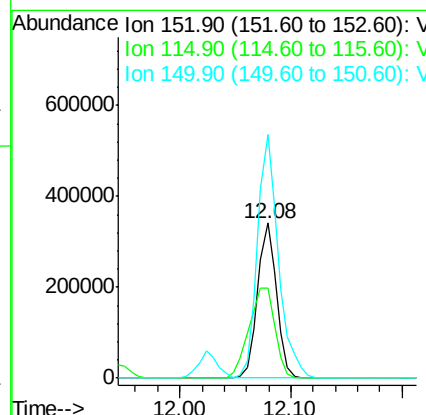
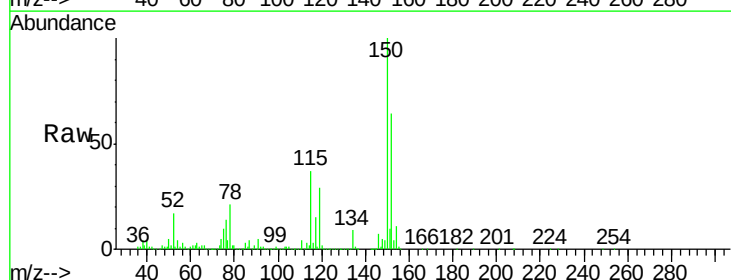
Manual Integrations
APPROVED

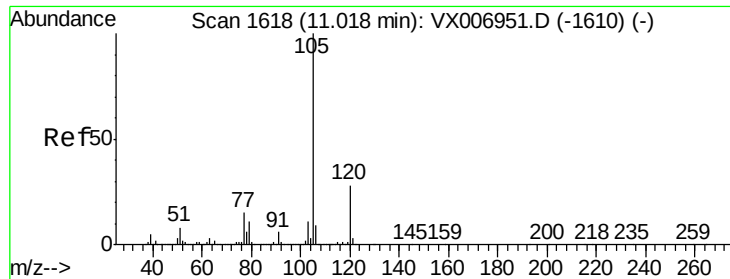
MMDadoda
1/9/2019 10:25:19 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.6	39.1	117.2
150	173.6	0.0	344.8





#73

Isopropylbenzene

Concen: 50.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

ICVVX010819

Tot Ion:105 Resp: 1433318

Ion Ratio Lower Upper

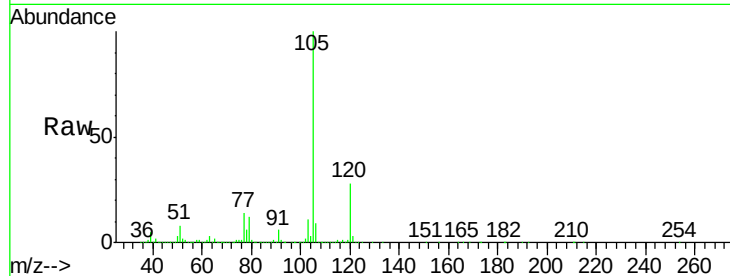
105 100

120 27.8 14.1 42.4

Manual Integrations
APPROVED

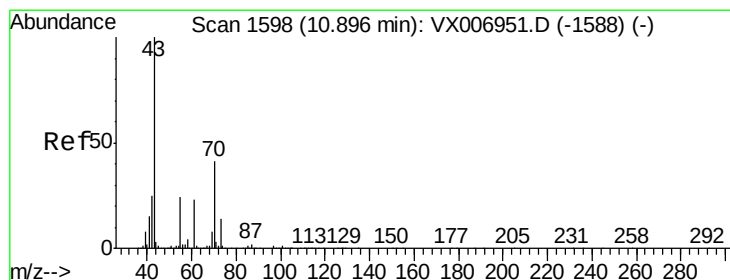
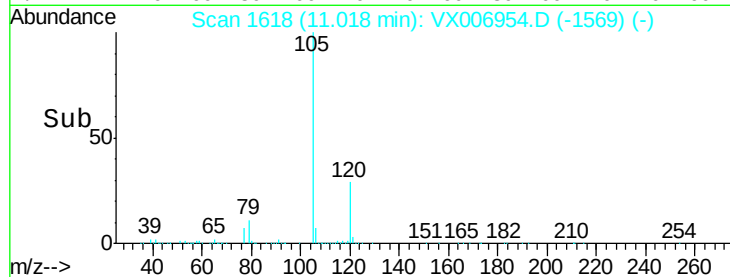
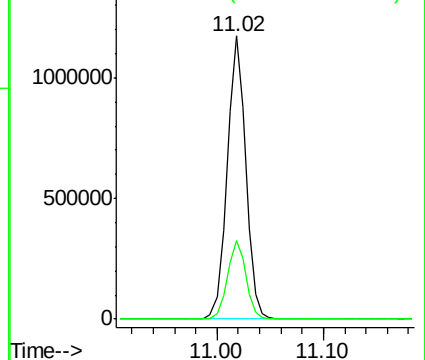
MMDadoda

1/9/2019 10:25:19 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.318 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion: 43 Resp: 588188

Ion Ratio Lower Upper

43 100

70 42.0 35.8 53.8

55 23.7 19.4 29.0

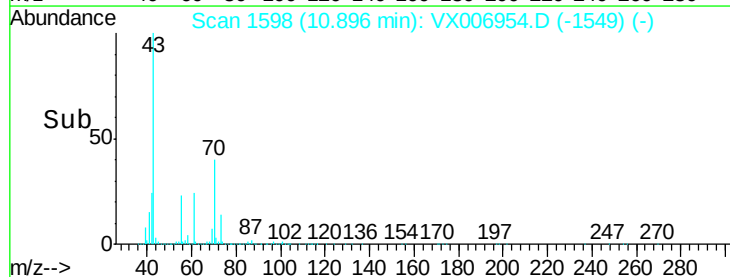
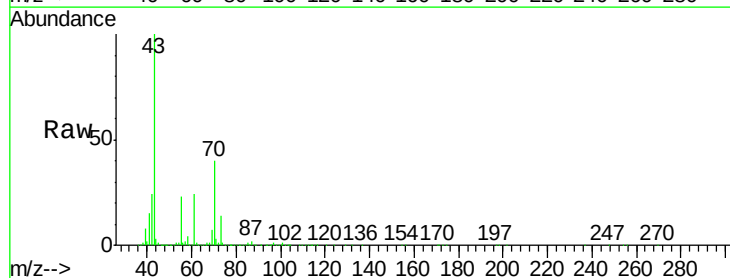
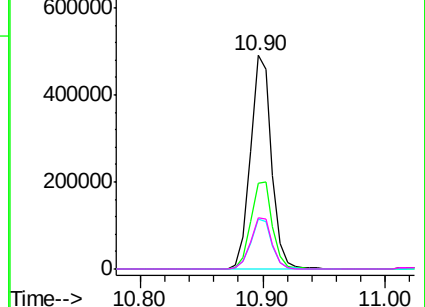
61 24.6 20.1 30.1

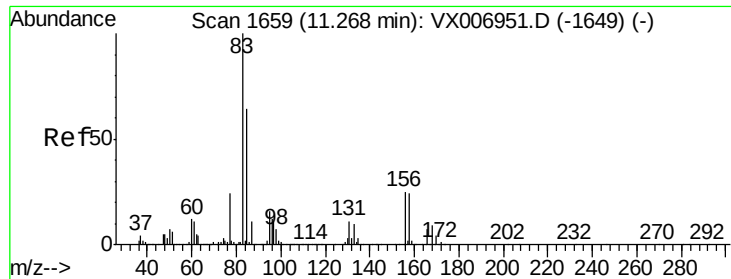
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.148 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

ICVVX010819

Tot Ion: 83 Resp: 444171

Ion Ratio Lower Upper

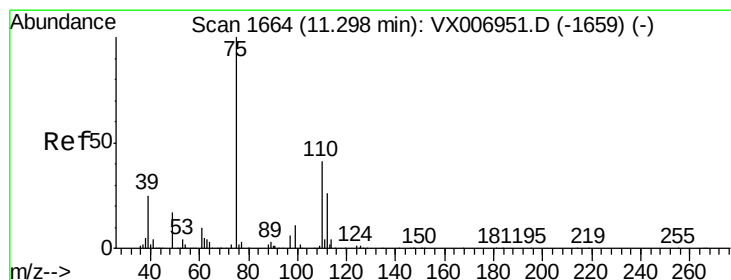
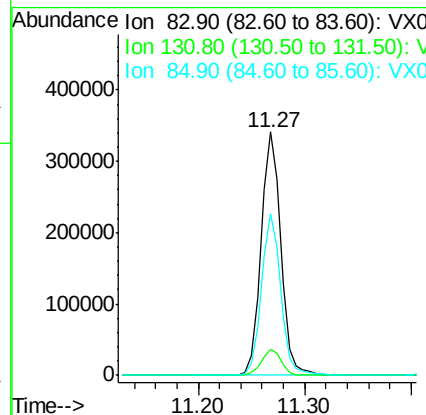
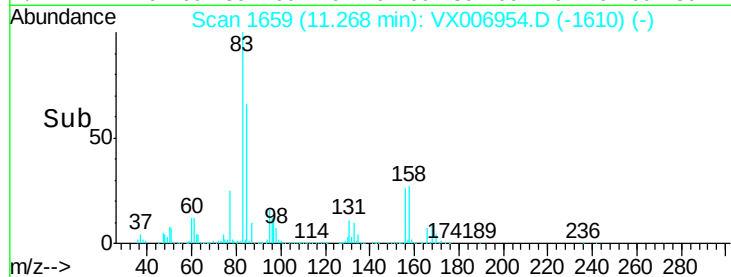
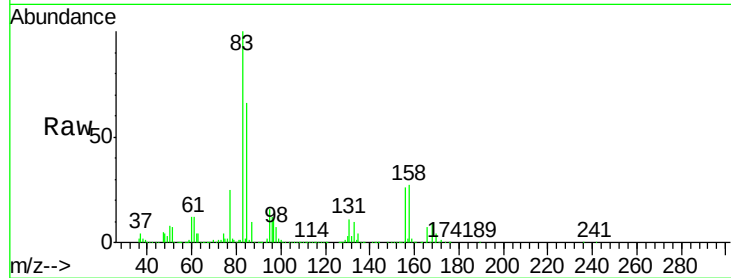
83 100

131 10.9 5.7 17.1

85 65.1 32.2 96.6

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#76

1,2,3-Trichloropropane

Concen: 50.955 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006954.D

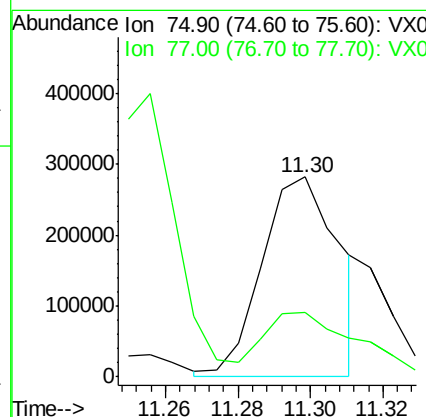
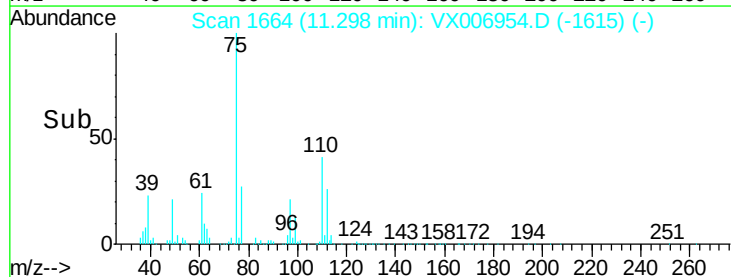
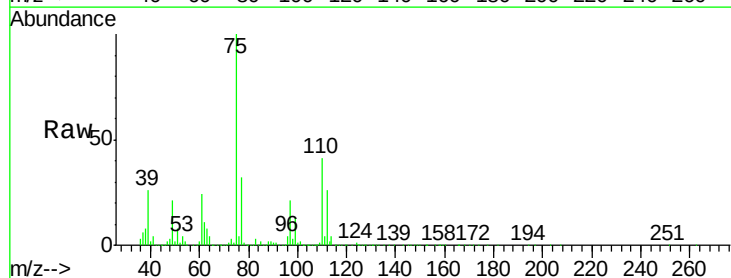
Acq: 08 Jan 2019 14:11

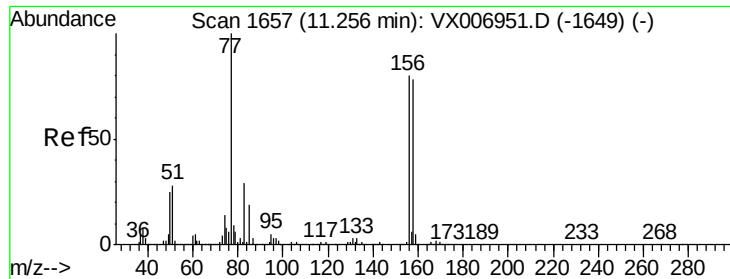
Tgt Ion: 75 Resp: 416868

Ion Ratio Lower Upper

75 100

77 39.3 18.5 55.5





#77

Bromobenzene

Concen: 48.832 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

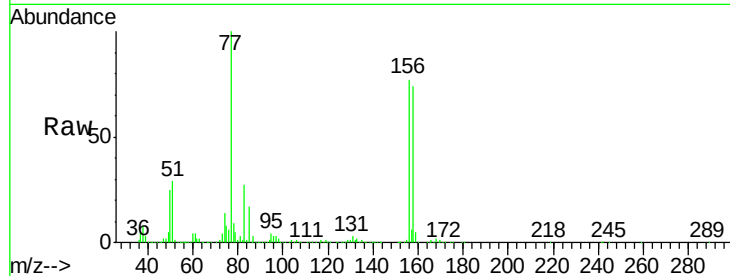
ClientSampled :

ICVVX010819

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.4	68.0	204.0
158	98.1	48.3	144.8

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM

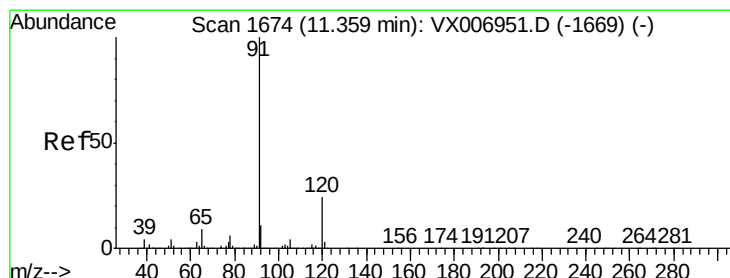
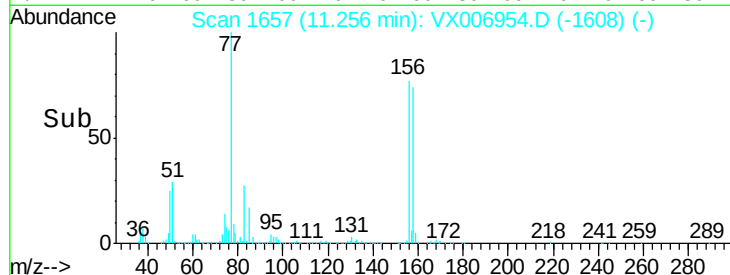
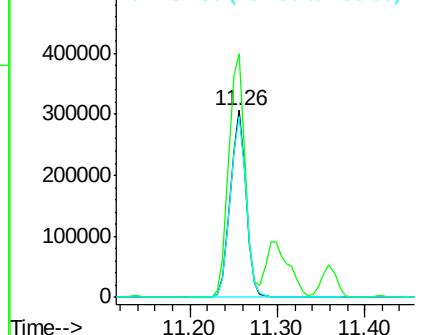


Abundance

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: 51.126 ug/l

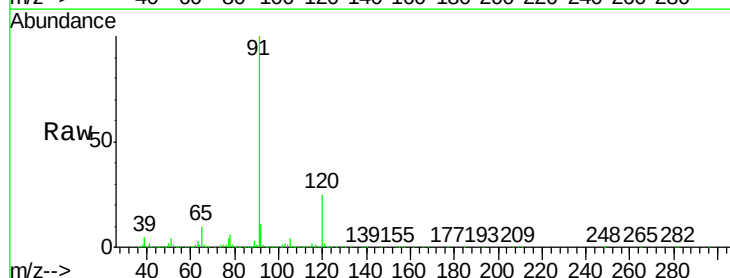
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

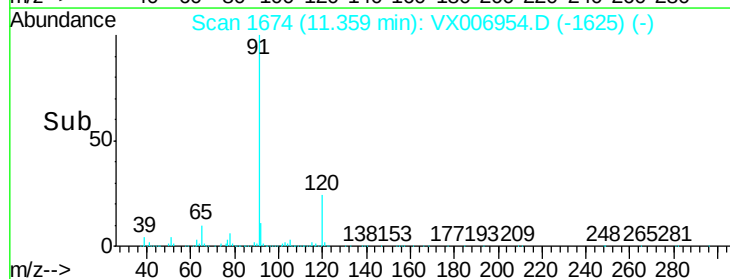
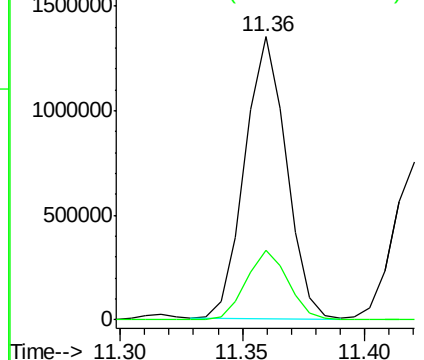
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.7	38.0

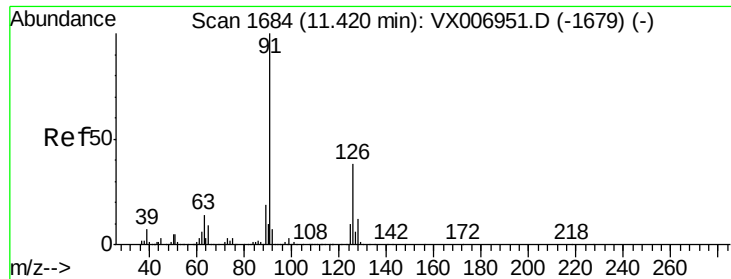


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.869 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

ICVVX010819

Tot Ion: 91 Resp: 919315

Ion Ratio Lower Upper

91 100

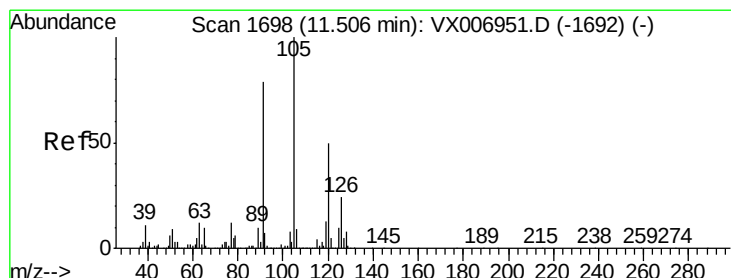
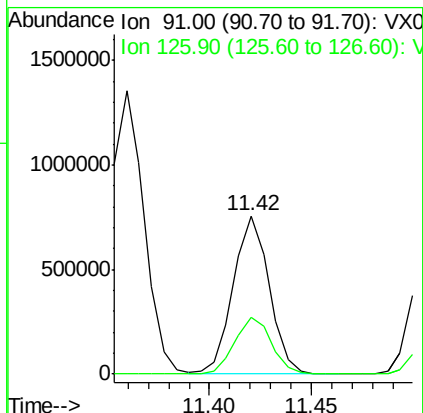
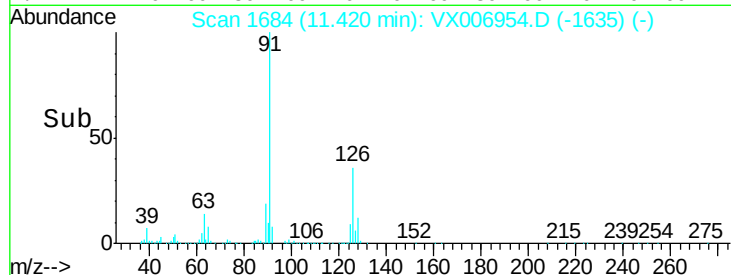
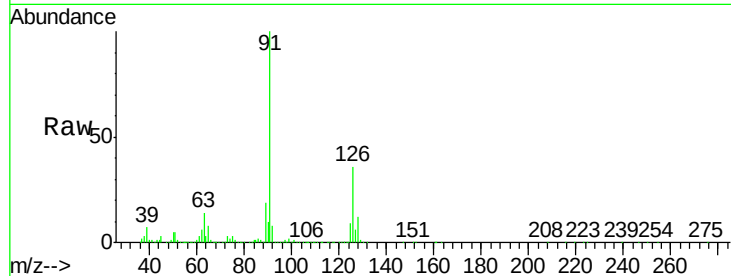
126 37.0 18.6 56.0

Manual Integrations

APPROVED

MMDadoda

1/9/2019 10:25:19 AM



#80

1,3,5-Trimethylbenzene

Concen: 49.608 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006954.D

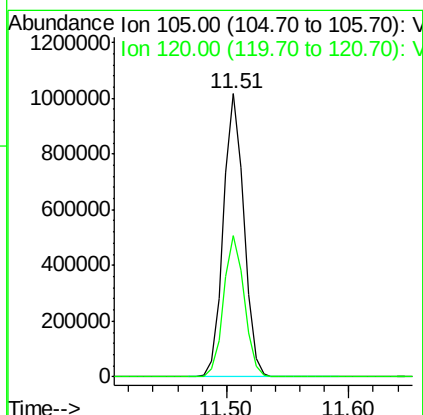
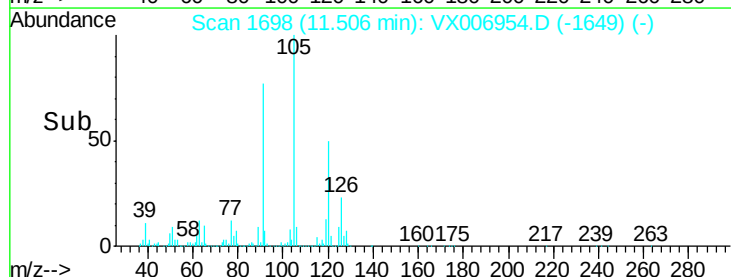
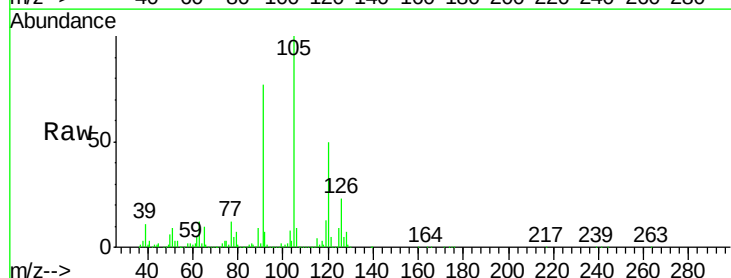
Acq: 08 Jan 2019 14:11

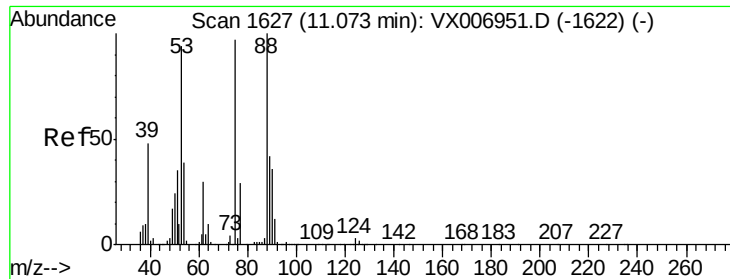
Tgt Ion: 105 Resp: 1180024

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.951 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion: 75 Resp: 132469

Ion Ratio Lower Upper

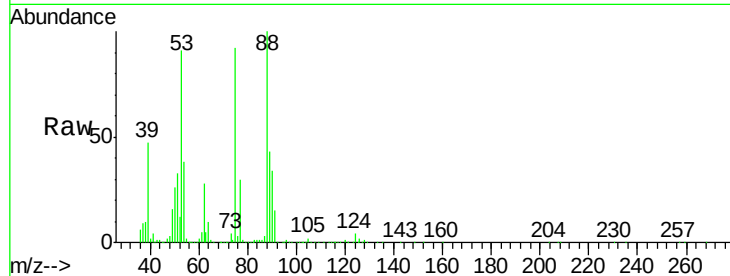
75 100

53 97.4 79.7 119.5

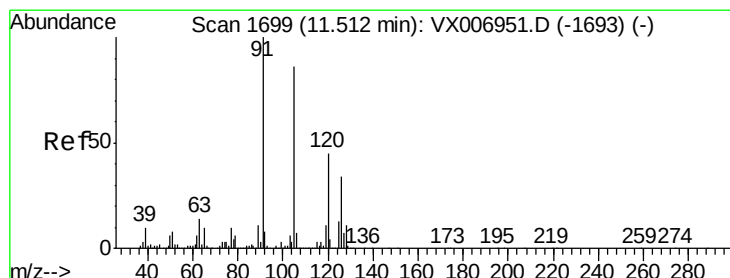
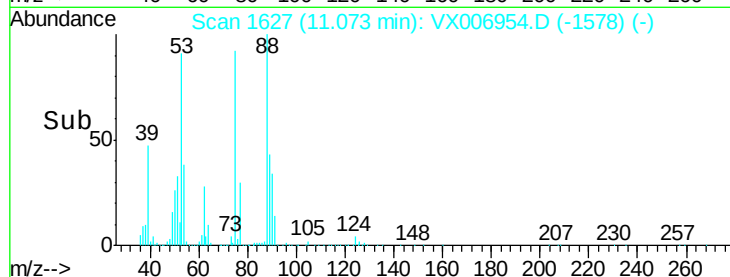
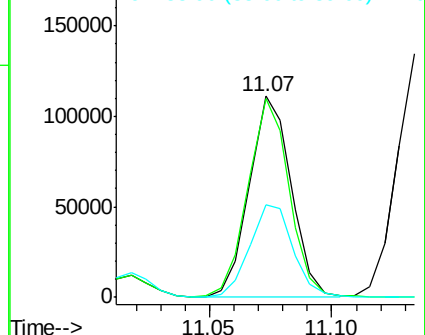
89 48.5 38.0 57.0

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



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



#82

4-Chlorotoluene

Concen: 49.778 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006954.D

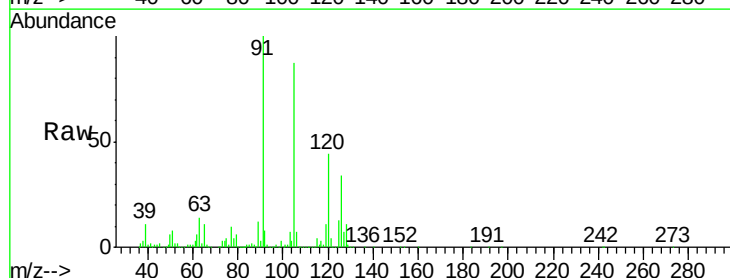
Acq: 08 Jan 2019 14:11

Tgt Ion: 91 Resp: 1084217

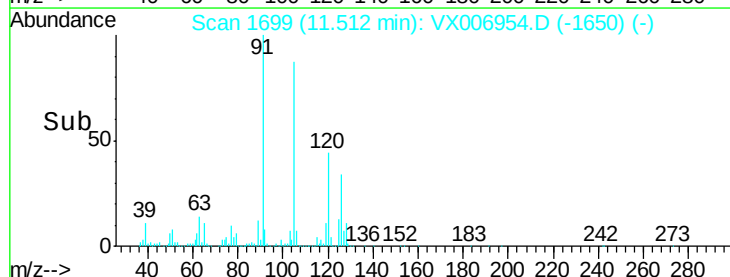
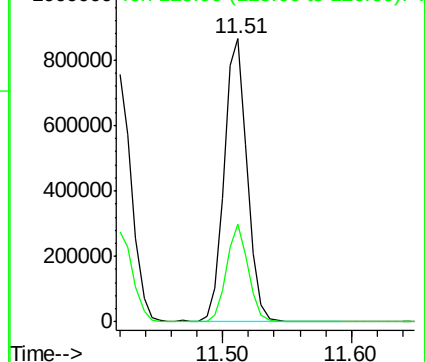
Ion Ratio Lower Upper

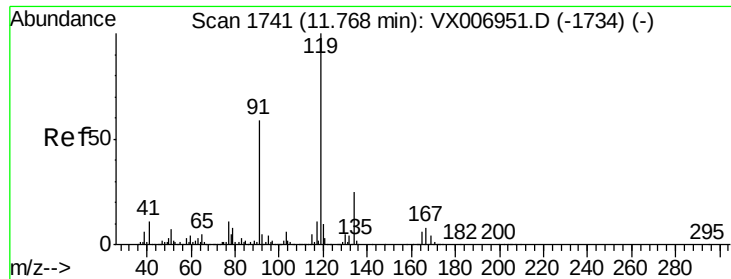
91 100

126 32.8 16.3 48.9



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





#83

tert-Butylbenzene

Concen: 50.805 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

ICVVX010819

Tot Ion:119 Resp: 1205724

Ion Ratio Lower Upper

119 100

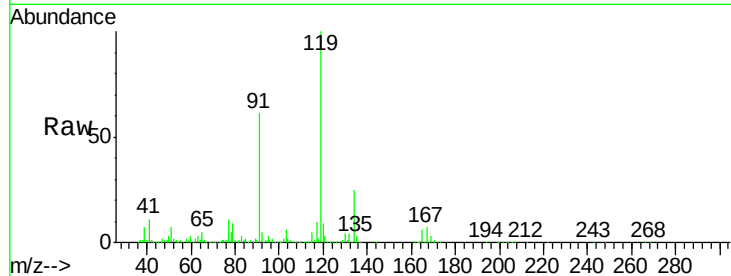
91 54.1 27.7 83.1

134 23.4 11.9 35.5

Manual Integrations
APPROVED

MMDadoda

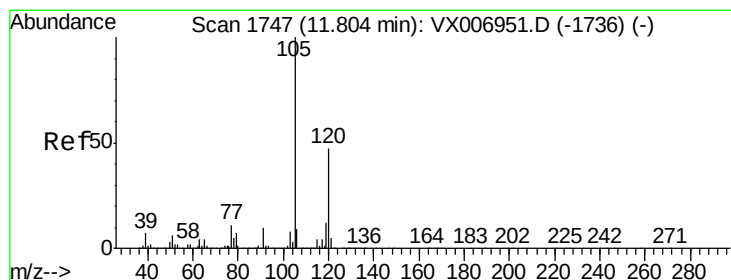
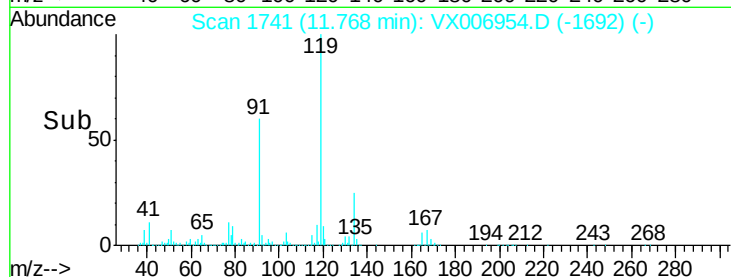
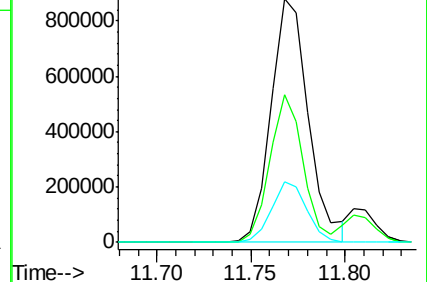
1/9/2019 10:25:19 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.164 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006954.D

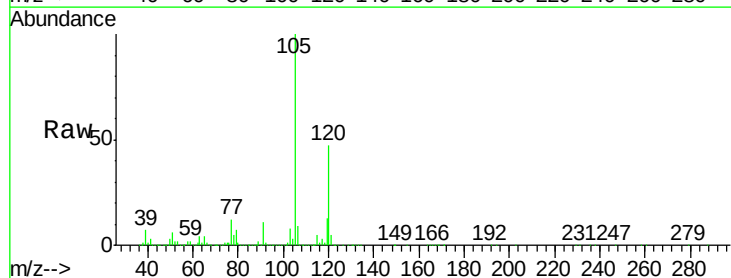
Acq: 08 Jan 2019 14:11

Tgt Ion:105 Resp: 1199908

Ion Ratio Lower Upper

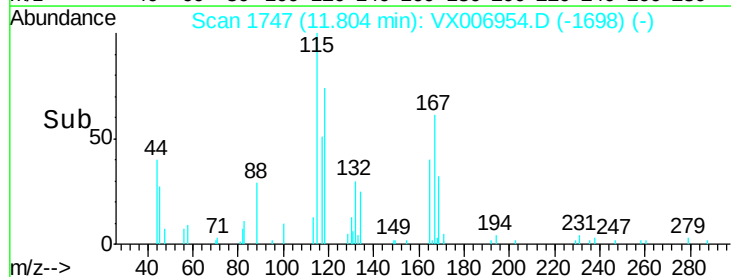
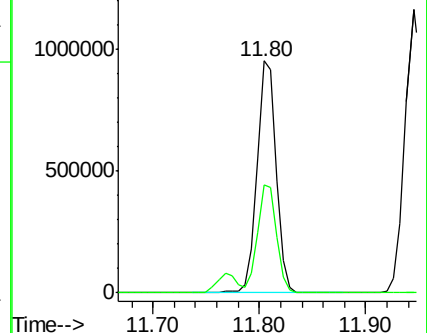
105 100

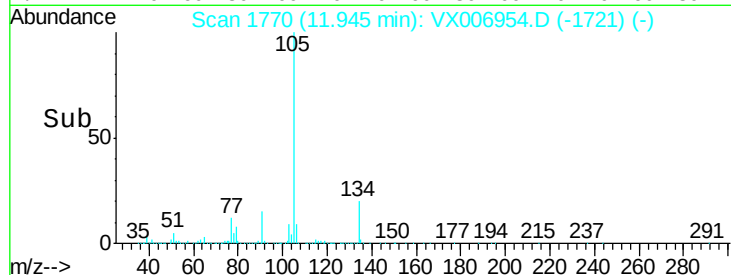
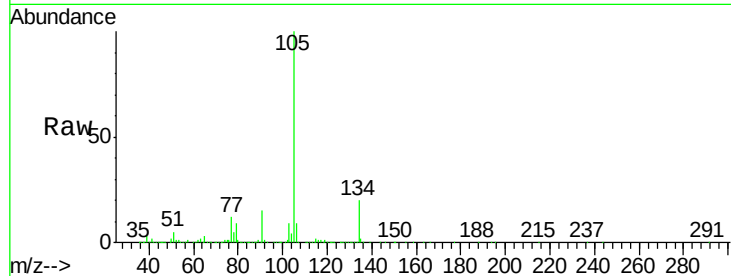
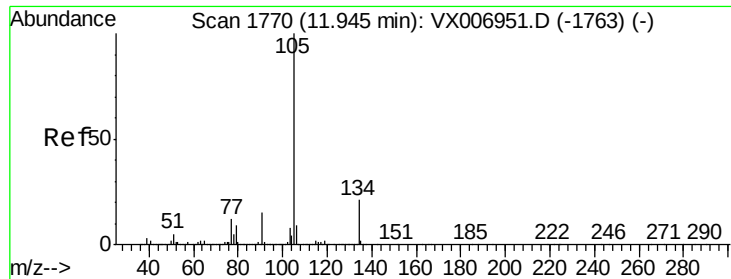
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.959 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tot Ion:105 Resp: 1415997

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

Instrument :

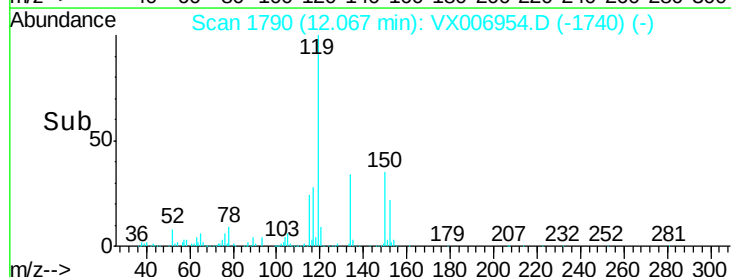
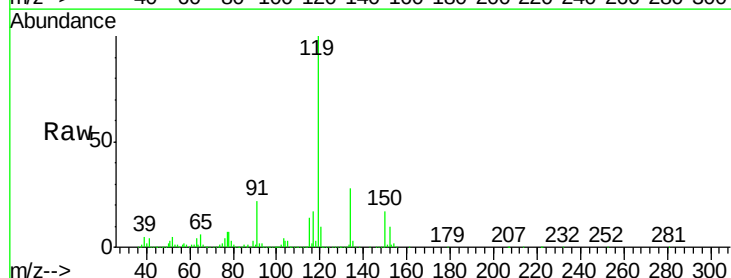
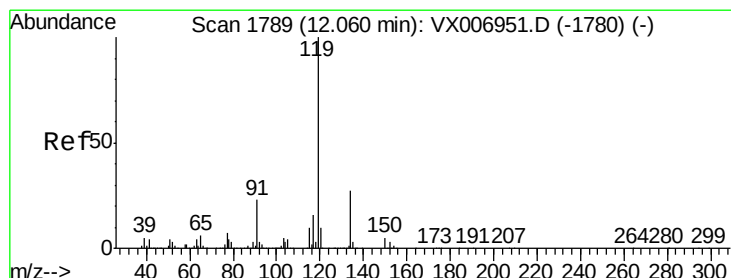
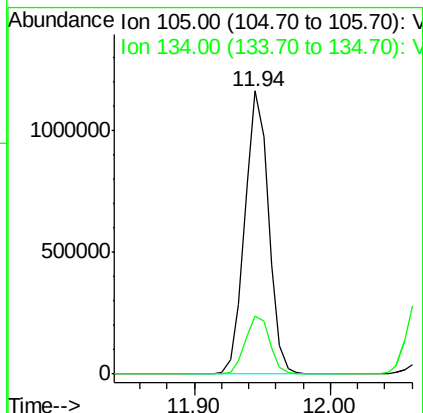
MSVOA_X

ClientSampled :

ICVVX010819

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#86

p-Isopropyltoluene

Concen: 50.790 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

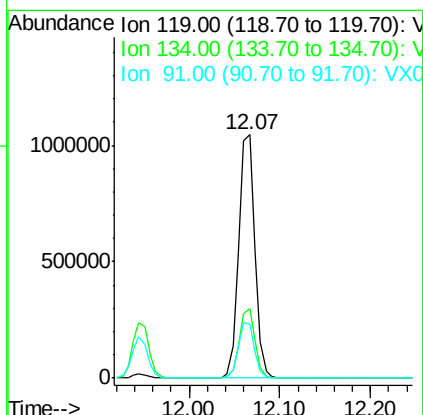
Tgt Ion:119 Resp: 1287635

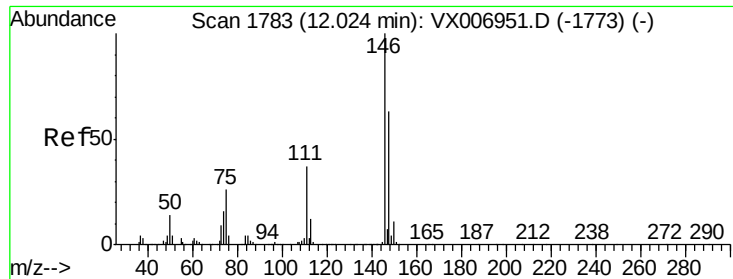
Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 22.7 11.3 33.9





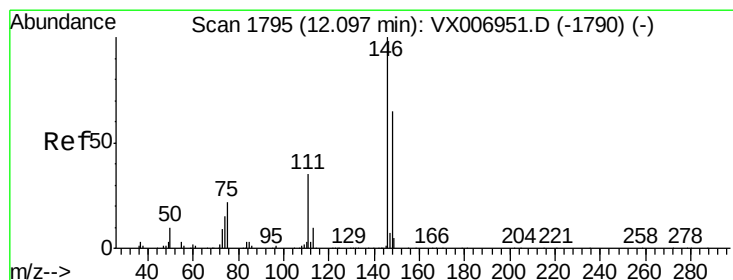
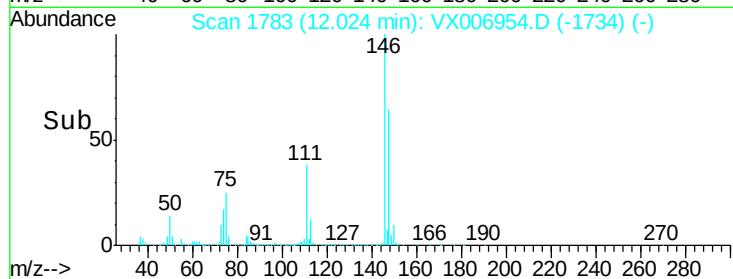
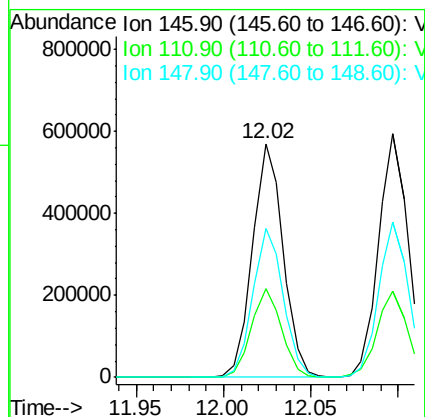
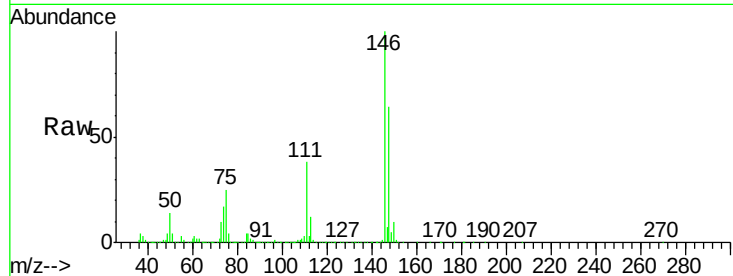
#87
 1,3-Dichlorobenzene
 Concen: 49.046 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	63.5	31.8	95.3

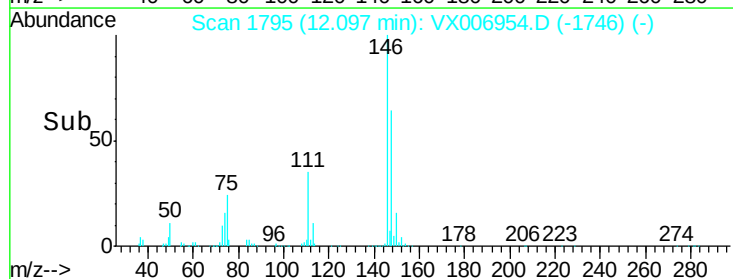
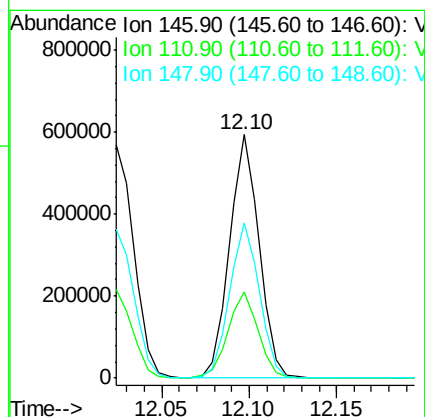
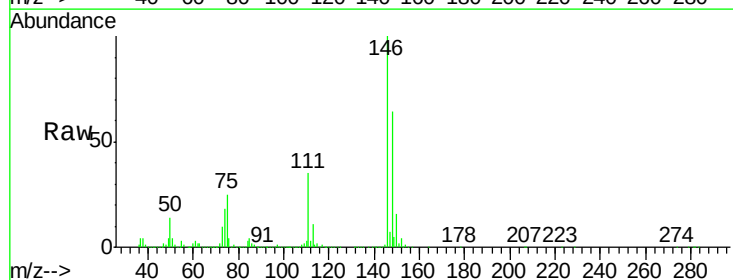
Manual Integrations
 APPROVED

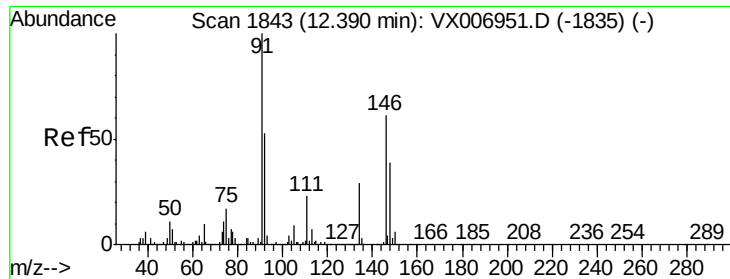
MMDadoda
 1/9/2019 10:25:19 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.908 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.1	31.9	95.9





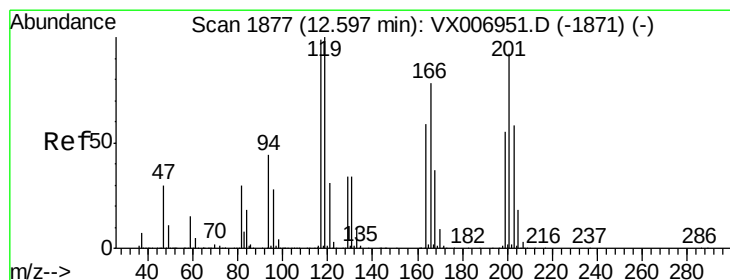
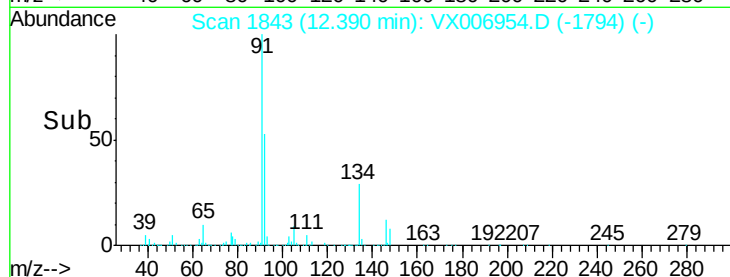
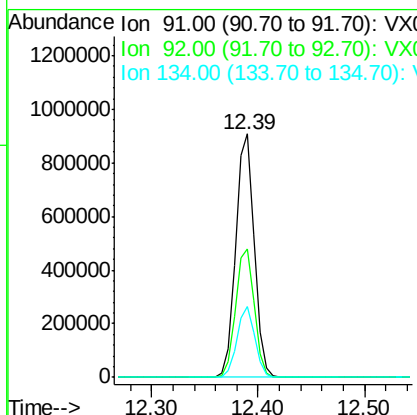
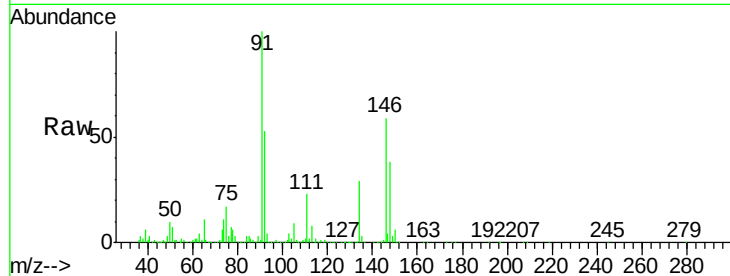
#89
n-Butylbenzene
Concen: 51.210 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampled :
ICVVX010819

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.4
134	28.4	14.4	43.2

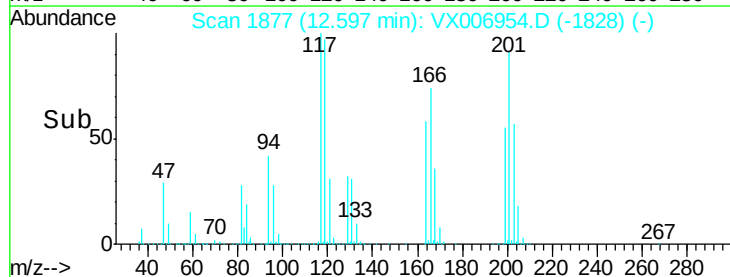
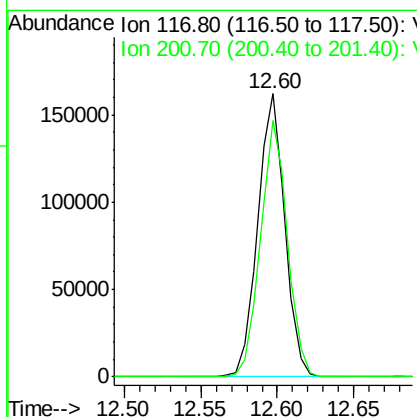
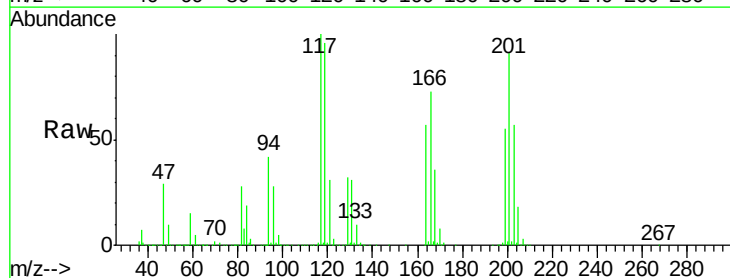
Manual Integrations
APPROVED

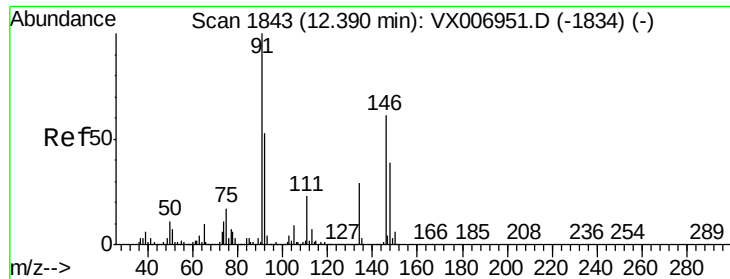
MMDadoda
1/9/2019 10:25:19 AM



#90
Hexachloroethane
Concen: 49.275 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	42.9	128.7





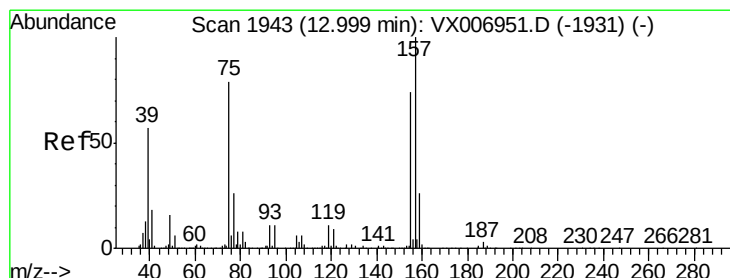
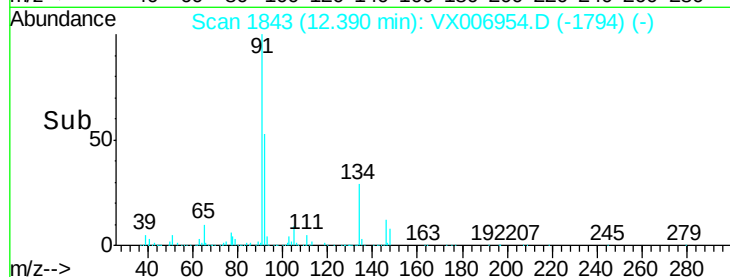
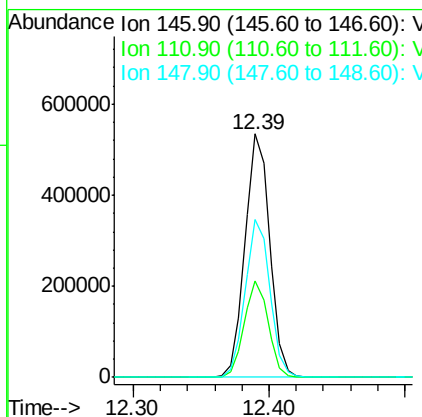
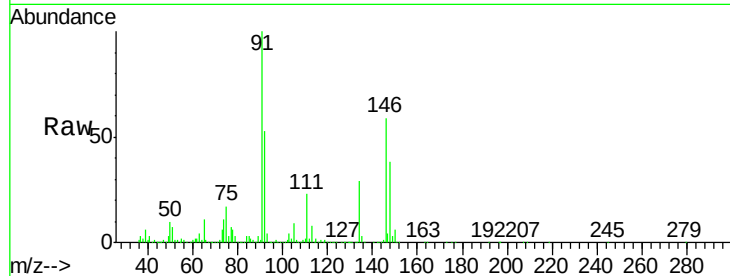
#91
 1,2-Dichlorobenzene
 Concen: 48.766 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010819

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.8	32.3	96.9

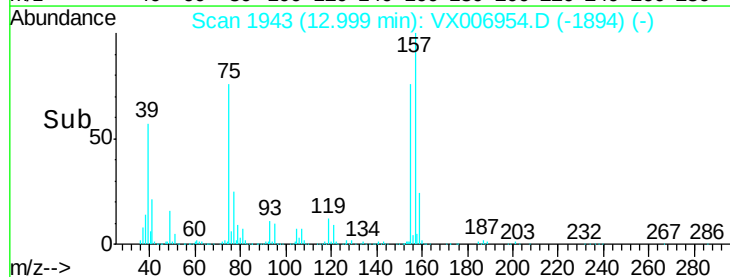
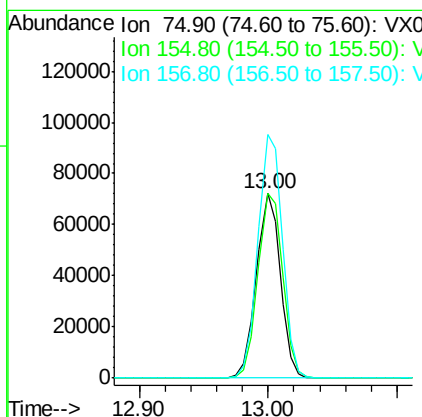
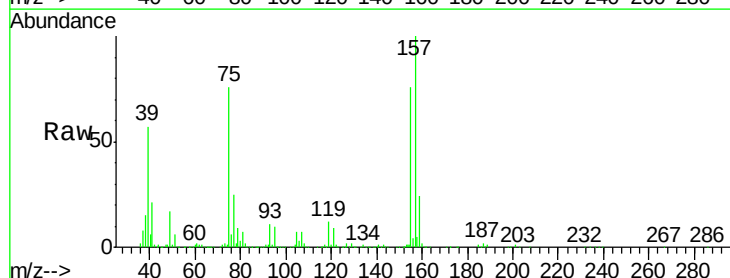
Manual Integrations
 APPROVED

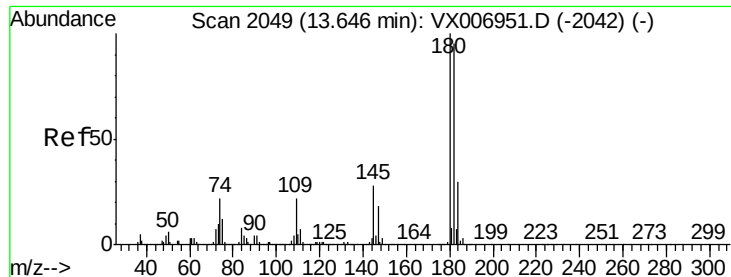
MMDadoda
 1/9/2019 10:25:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.519 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006954.D
 Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.8	50.6	151.8
157	135.1	64.6	193.8





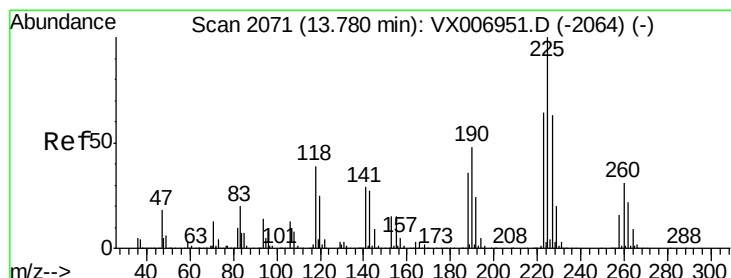
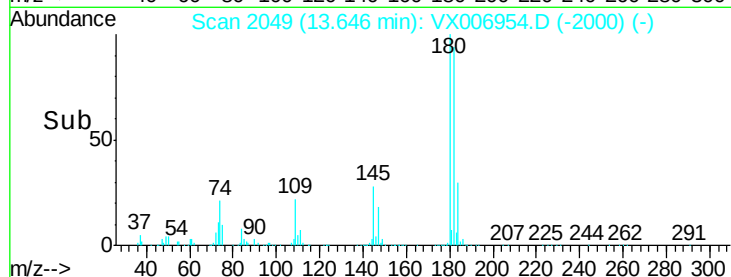
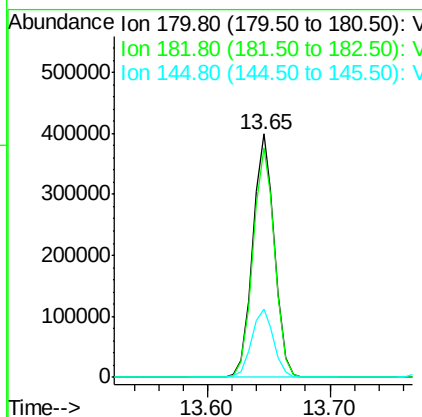
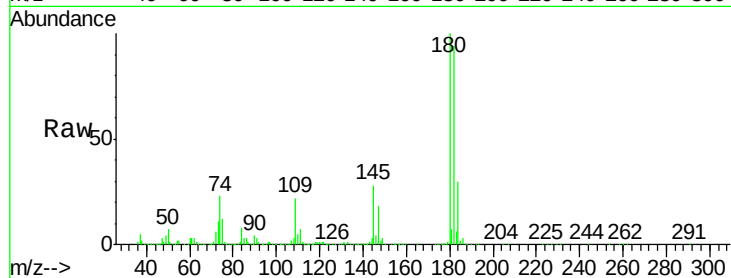
#93
1,2,4-Trichlorobenzene
Concen: 51.277 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX010819

Tot Ion	Ratio	Resp	Lower	Upper
180	100	492209		
182	94.9	47.3	142.0	
145	28.6	14.8	44.3	

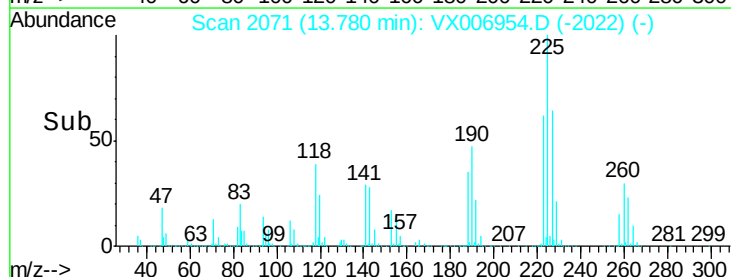
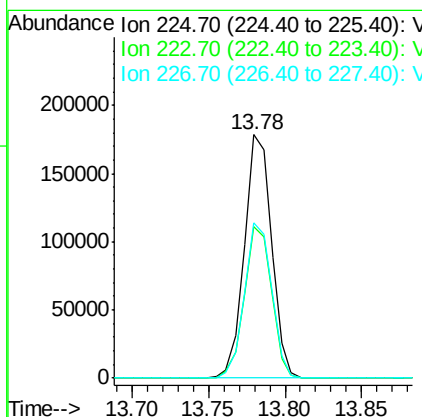
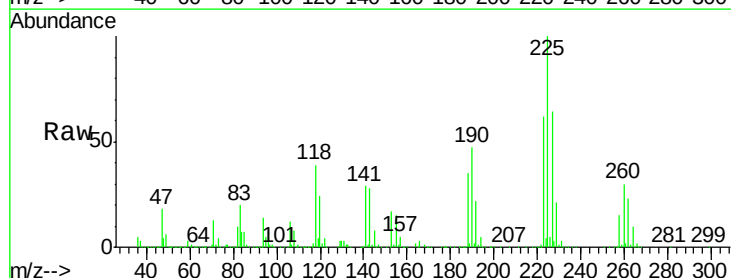
Manual Integrations
APPROVED

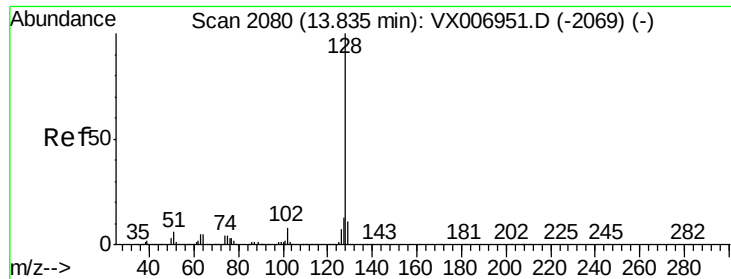
MMDadoda
1/9/2019 10:25:19 AM



#94
Hexachlorobutadiene
Concen: 51.657 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX006954.D
Acq: 08 Jan 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	220044		
223	62.2	32.1	96.3	
227	64.1	32.3	96.8	





#95

Naphthalene

Concen: 51.528 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX010819

Tot Ion:128 Resp: 1498787

Ion Ratio Lower Upper

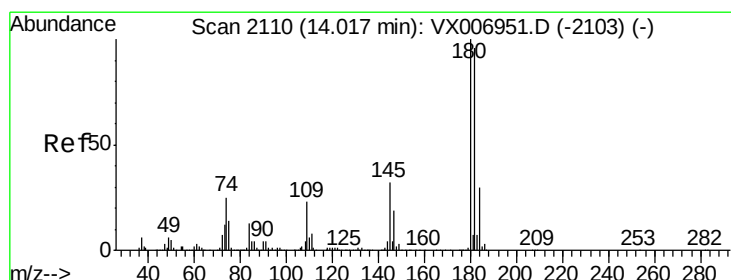
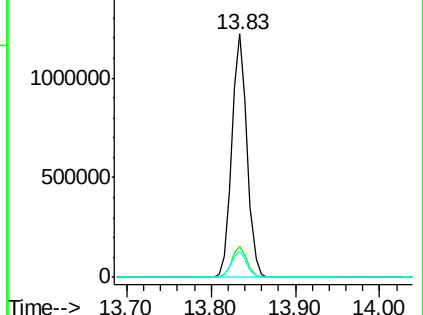
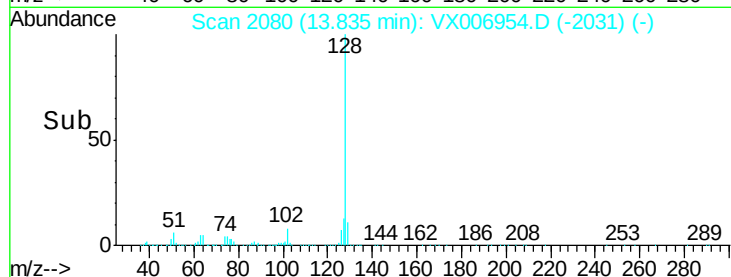
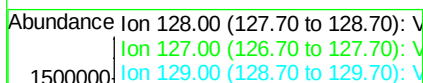
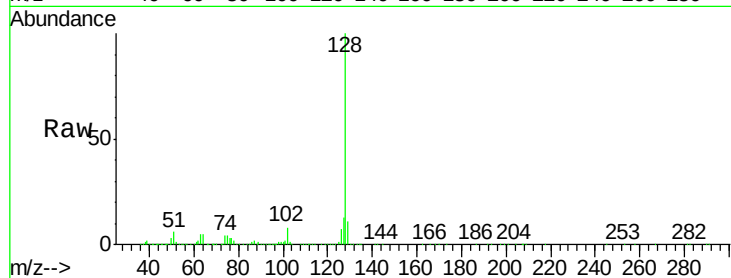
128 100

127 12.8 10.1 15.1

129 10.9 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
1/9/2019 10:25:19 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.350 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006954.D

Acq: 08 Jan 2019 14:11

Tgt Ion:180 Resp: 480108

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.5

145 30.4 16.0 47.9

