

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006175.D
 Acq On : 26 Nov 2018 15:11
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:21 AM

Quant Time: Nov 27 03:10:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165849	62.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.94%	
35) Dibromofluoromethane	5.51	113	131049	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
50) Toluene-d8	8.71	98	538115	60.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.96%	
62) 4-Bromofluorobenzene	11.14	95	194509	58.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39743	23.53	ug/l	97
3) Chloromethane	1.32	50	48648	22.80	ug/l	99
4) Vinyl Chloride	1.41	62	49917	23.00	ug/l	96
5) Bromomethane	1.64	94	30213	20.47	ug/l	100
6) Chloroethane	1.72	64	29840	33.39	ug/l	97
7) Trichlorofluoromethane	1.93	101	68328	24.06	ug/l	96
8) Diethyl Ether	2.19	74	28794	23.99	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39826	23.65	ug/l	98
10) Methyl Iodide	2.51	142	35990	17.05	ug/l	97
11) Tert butyl alcohol	3.07	59	71527	127.66	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37196	22.66	ug/l	95
13) Acrolein	2.29	56	36748	109.60	ug/l	100
14) Allyl chloride	2.73	41	80418	23.95	ug/l	99
15) Acrylonitrile	3.15	53	148546	120.03	ug/l	99
16) Acetone	2.45	43	145699	124.66	ug/l	100
17) Carbon Disulfide	2.57	76	112494	25.38	ug/l	98
18) Methyl Acetate	2.78	43	77515	25.86	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	138023	24.33	ug/l	97
20) Methylene Chloride	2.85	84	43630	24.49	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	41149	23.96	ug/l	93
22) Diisopropyl ether	3.87	45	164129	22.83	ug/l	99
23) Vinyl Acetate	3.82	43	701272	117.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86042	25.41	ug/l	99
25) 2-Butanone	4.70	43	242816	111.93	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64556	23.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	51231	21.34	ug/l	96
28) Bromochloromethane	5.02	49	45993	23.30	ug/l	99
29) Tetrahydrofuran	5.15	42	155886	115.19	ug/l	99
30) Chloroform	5.21	83	90916	22.15	ug/l	99
31) Cyclohexane	5.58	56	72479	20.49	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	78815	23.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	63491	19.36	ug/l	99
37) Ethyl Acetate	4.85	43	84315	19.99	ug/l	100
38) Carbon Tetrachloride	5.78	117	67972	22.06	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006175.D
 Acq On : 26 Nov 2018 15:11
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:21 AM

Quant Time: Nov 27 03:10:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76311	20.43	ug/l	96
40) Benzene	6.15	78	200980	20.81	ug/l	99
41) Methacrylonitrile	5.06	41	46893	20.17	ug/l	99
42) 1,2-Dichloroethane	6.20	62	79604	22.04	ug/l	100
43) Isopropyl Acetate	6.46	43	134183	22.03	ug/l	99
44) Trichloroethene	7.21	130	59466	22.15	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58972	23.07	ug/l	99
46) Dibromomethane	7.66	93	39411	22.51	ug/l	99
47) Bromodichloromethane	7.90	83	74575	23.03	ug/l	95
48) Methyl methacrylate	7.77	41	71551	23.16	ug/l	99
49) 1,4-Dioxane	7.75	88	32192	439.18	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	502368	115.03	ug/l	100
52) Toluene	8.79	92	139002	23.26	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	74946	22.18	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84218	22.55	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	57295	22.14	ug/l	97
56) Ethyl methacrylate	9.18	69	78158	21.15	ug/l	99
57) 1,3-Dichloropropane	9.37	76	95107	22.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	236671	109.13	ug/l	99
59) 2-Hexanone	9.49	43	396217	114.32	ug/l	98
60) Dibromochloromethane	9.59	129	59178	23.33	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60423	22.67	ug/l	100
64) Tetrachloroethene	9.34	164	59548	21.04	ug/l	98
65) Chlorobenzene	10.14	112	153437	21.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54789	22.62	ug/l	99
67) Ethyl Benzene	10.25	91	252860	21.89	ug/l	100
68) m/p-Xylenes	10.36	106	198767	44.18	ug/l	98
69) o-Xylene	10.70	106	94131	21.91	ug/l	100
70) Styrene	10.71	104	156638	22.36	ug/l	99
71) Bromoform	10.86	173	47271	21.80	ug/l	100
73) Isopropylbenzene	11.02	105	260320	22.93	ug/l	100
74) N-amyl acetate	10.90	43	114051	21.03	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94125	22.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89257m	23.10	ug/l	
77) Bromobenzene	11.26	156	71015	22.33	ug/l	99
78) n-propylbenzene	11.36	91	299937	22.68	ug/l	100
79) 2-Chlorotoluene	11.42	91	179914	22.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	218816	22.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24344	21.31	ug/l	97
82) 4-Chlorotoluene	11.51	91	209780	22.47	ug/l	99
83) tert-Butylbenzene	11.77	119	213046	22.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	226411	23.18	ug/l	99
85) sec-Butylbenzene	11.94	105	261427	22.87	ug/l	98
86) p-Isopropyltoluene	12.07	119	230956	22.66	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	128980	21.99	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130585	21.48	ug/l	99
89) n-Butylbenzene	12.39	91	196034	21.24	ug/l	99
90) Hexachloroethane	12.60	117	37295	22.93	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128242	21.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22180	22.34	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006175.D
Acq On : 26 Nov 2018 15:11
Operator : JC/MD
Sample : VX1126WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

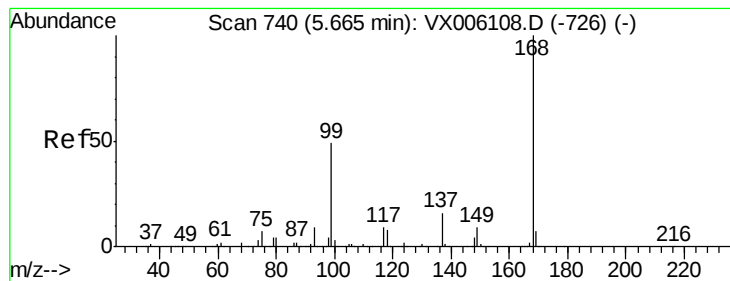
Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM

Quant Time: Nov 27 03:10:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89967	21.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	43803	21.28	ug/l	99
95) Naphthalene	13.83	128	278275	22.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93914	21.81	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 168 Resp: 227307

Ion Ratio Lower Upper

168 100

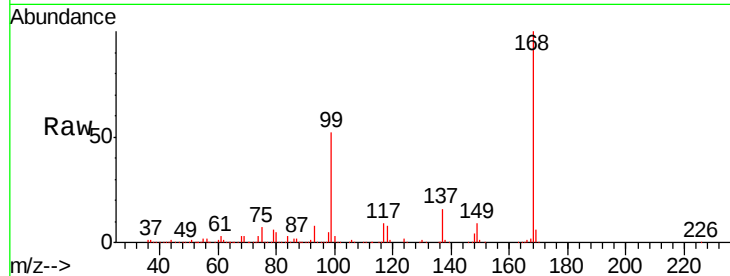
99 52.2 39.2 58.8

Manual Integrations

APPROVED

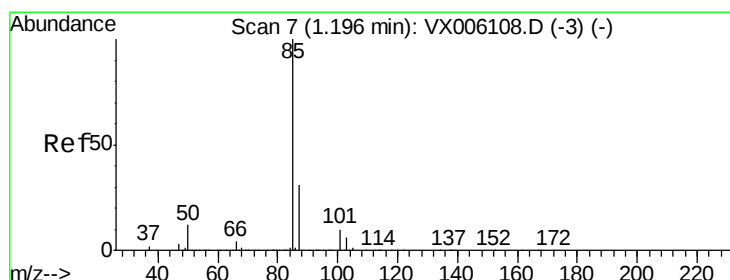
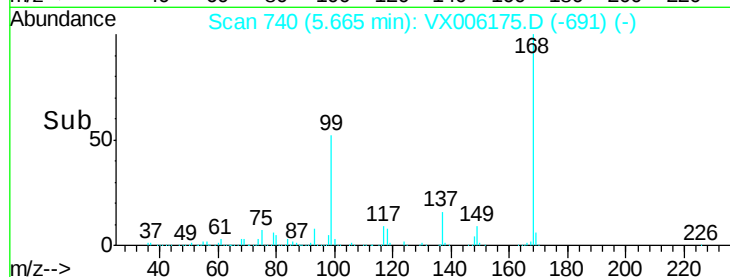
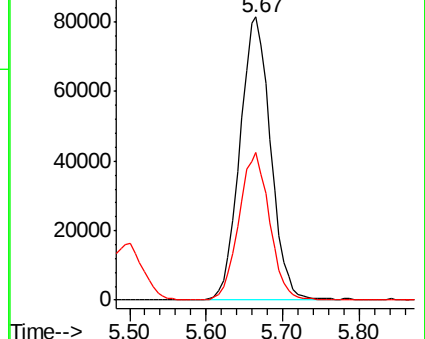
MMDadoda

11/27/2018 11:43:21 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.53 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006175.D

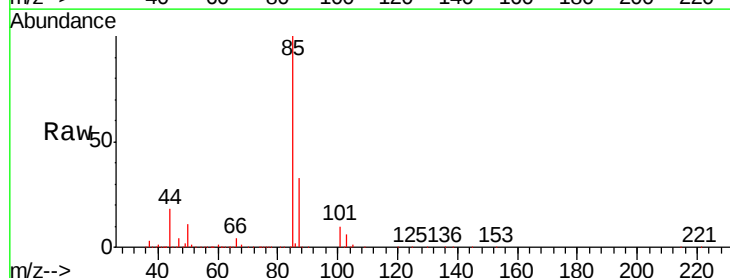
Acq: 26 Nov 2018 15:11

Tgt Ion: 85 Resp: 39743

Ion Ratio Lower Upper

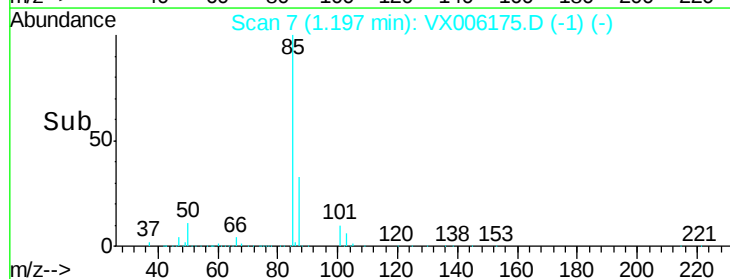
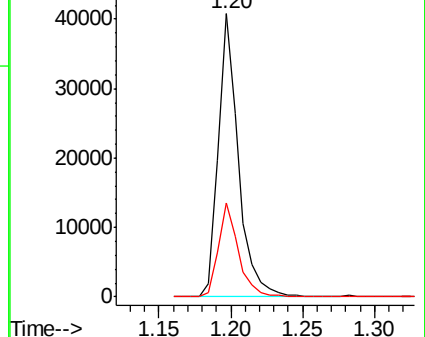
85 100

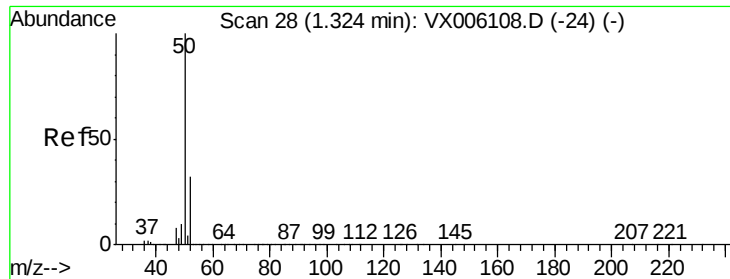
87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 22.80 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 50 Resp: 48648

Ion Ratio Lower Upper

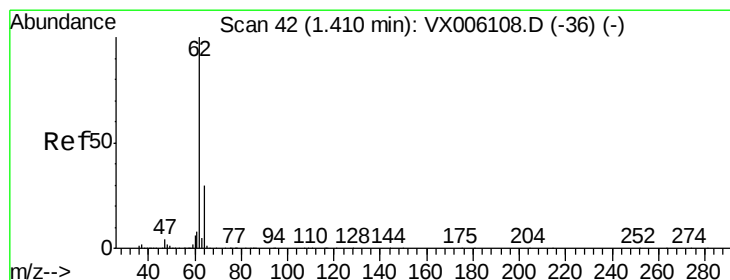
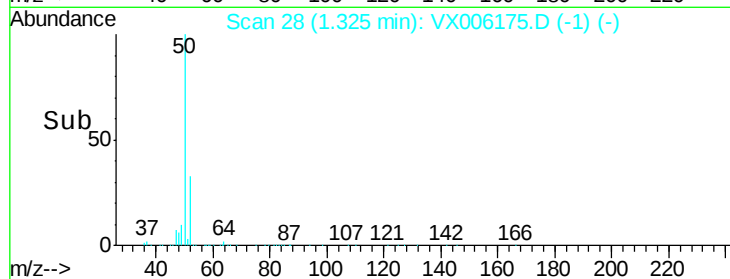
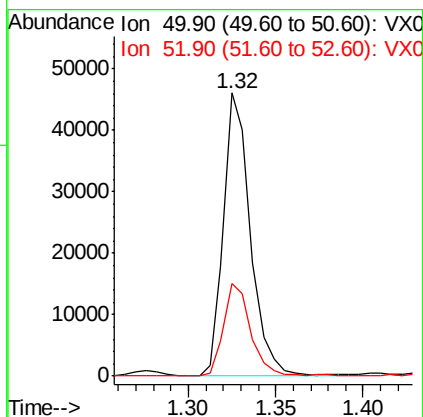
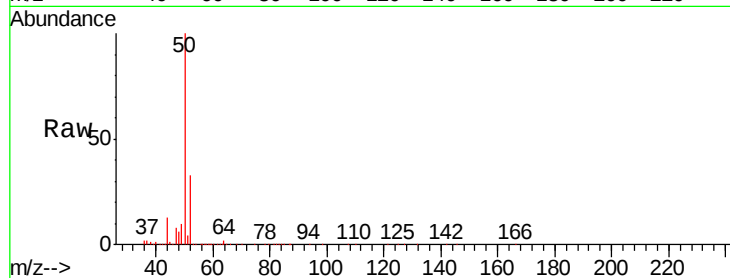
50 100

52 32.7 25.6 38.4

Manual Integrations
APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#4

Vinyl Chloride

Concen: 23.00 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006175.D

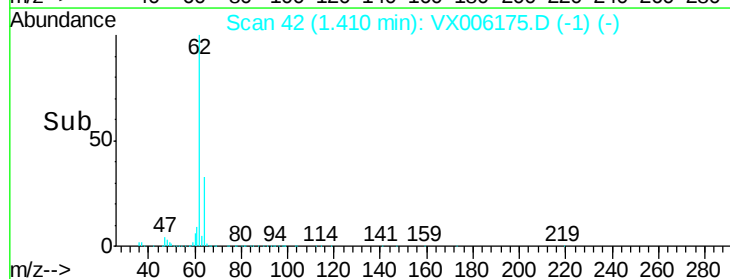
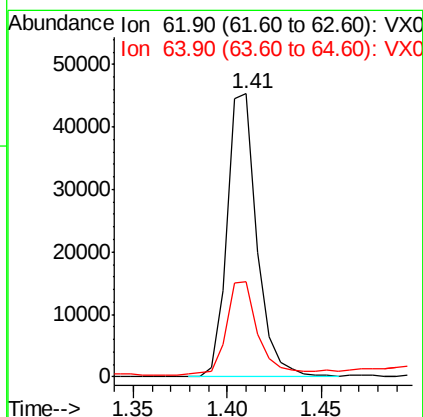
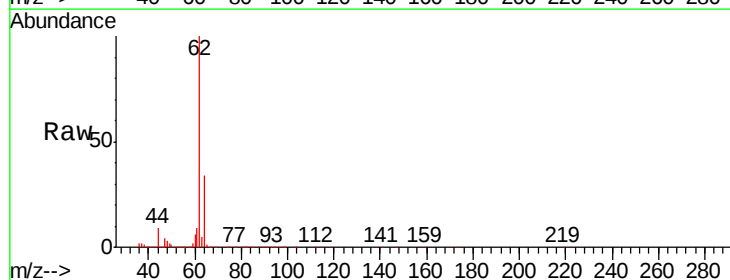
Acq: 26 Nov 2018 15:11

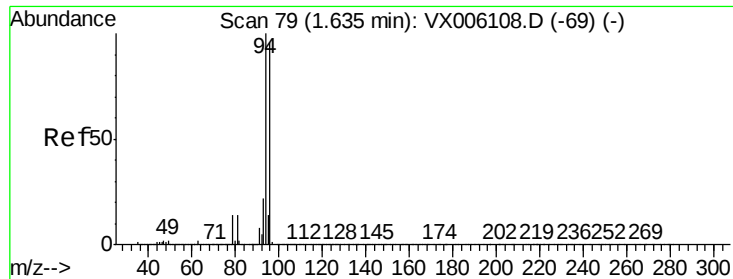
Tgt Ion: 62 Resp: 49917

Ion Ratio Lower Upper

62 100

64 32.7 24.2 36.4





#5

Bromomethane

Concen: 20.47 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 94 Resp: 30213

Ion Ratio Lower Upper

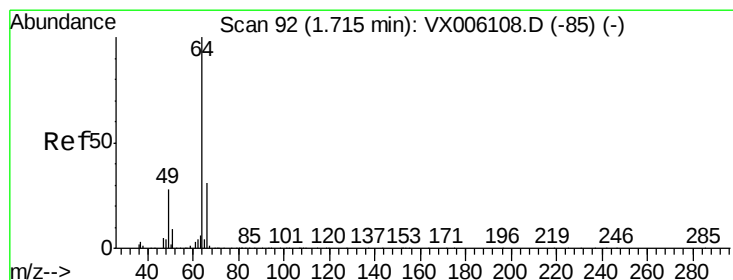
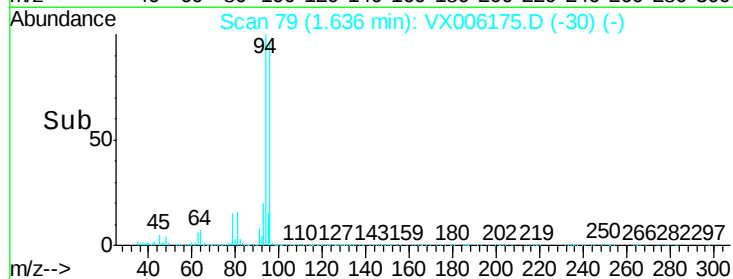
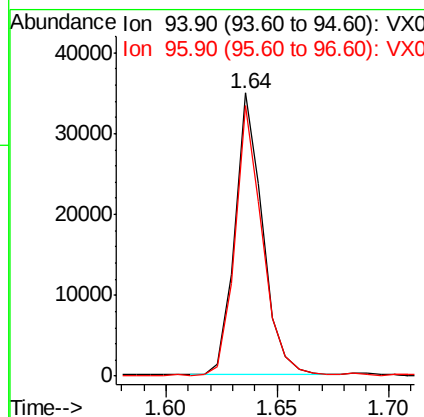
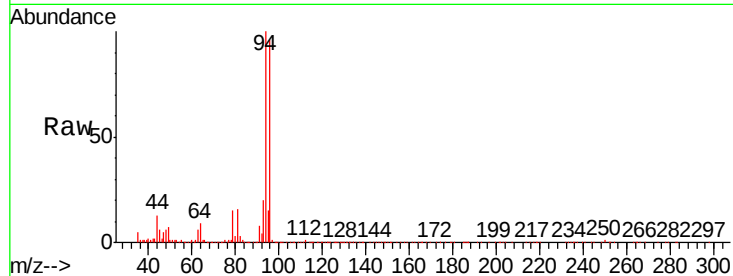
94 100

96 95.7 76.7 115.1

Manual Integrations
APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#6

Chloroethane

Concen: 33.39 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006175.D

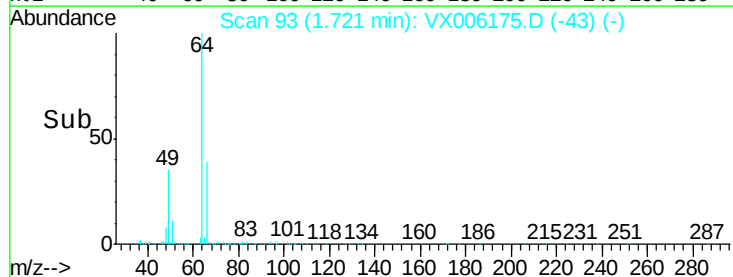
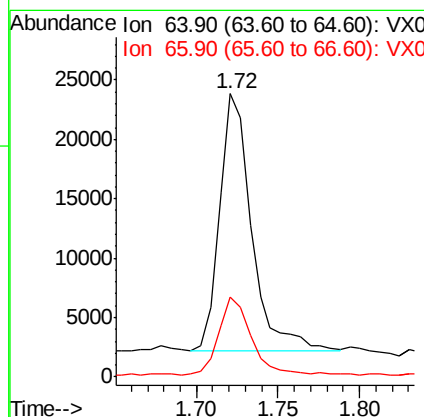
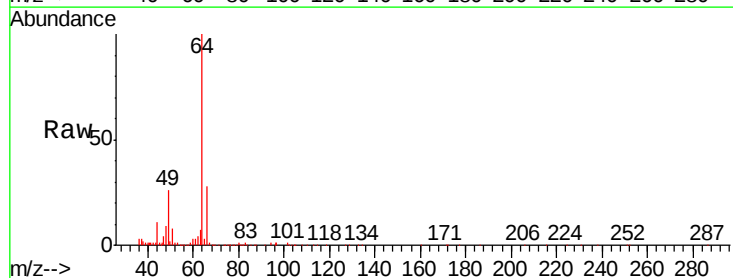
Acq: 26 Nov 2018 15:11

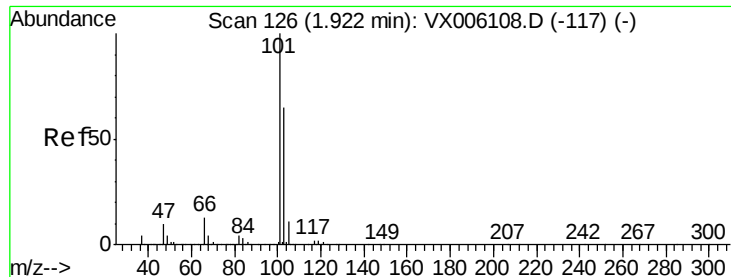
Tgt Ion: 64 Resp: 29840

Ion Ratio Lower Upper

64 100

66 29.8 25.1 37.7





#7

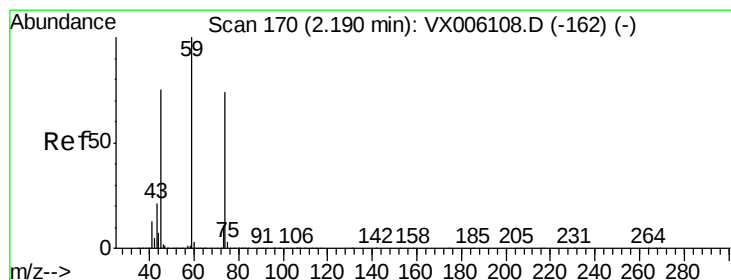
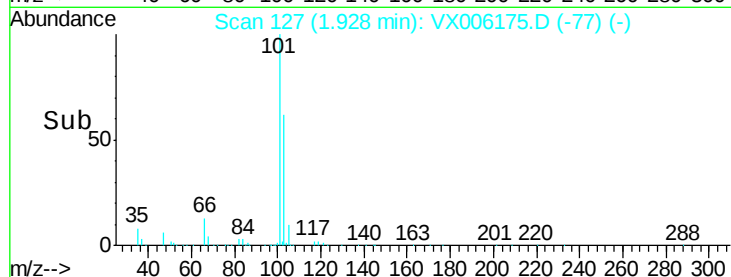
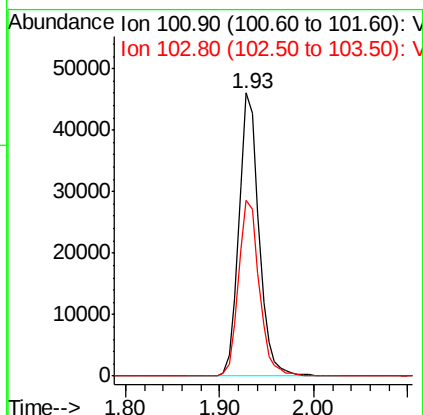
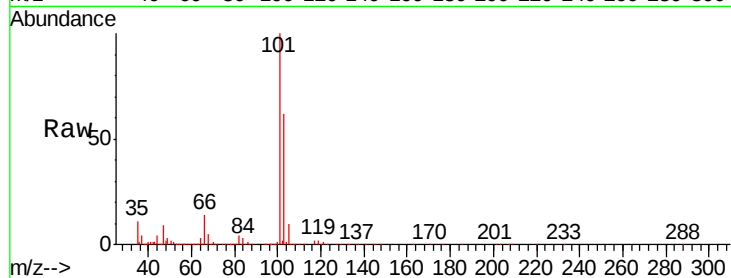
Trichlorofluoromethane
Concen: 24.06 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.1	78.1

Manual Integrations
APPROVED

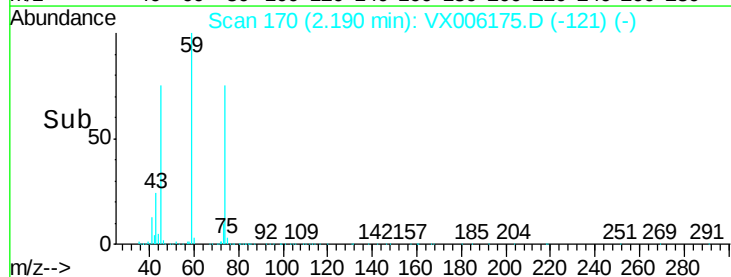
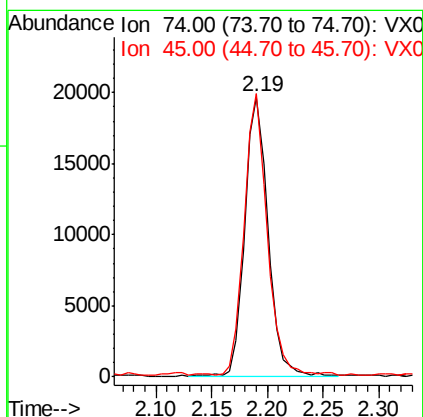
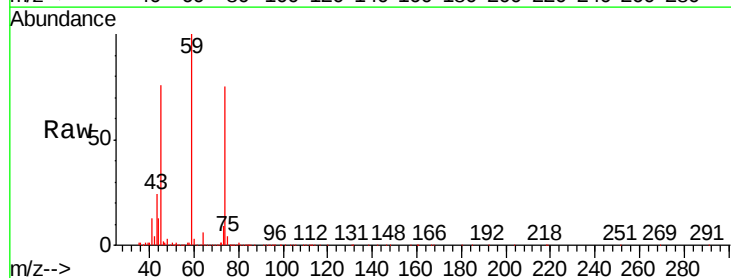
MMDadoda
11/27/2018 11:43:21 AM

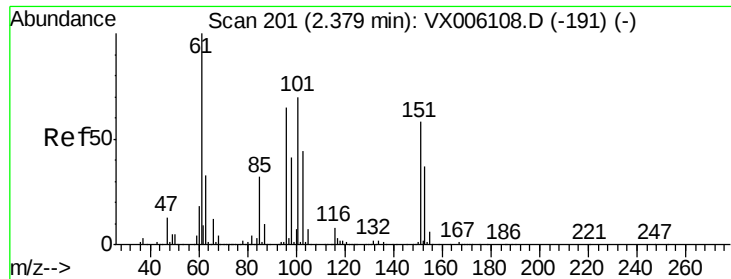


#8

Diethyl Ether
Concen: 23.99 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.65 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

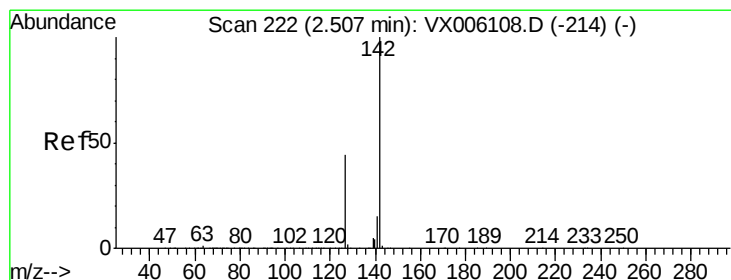
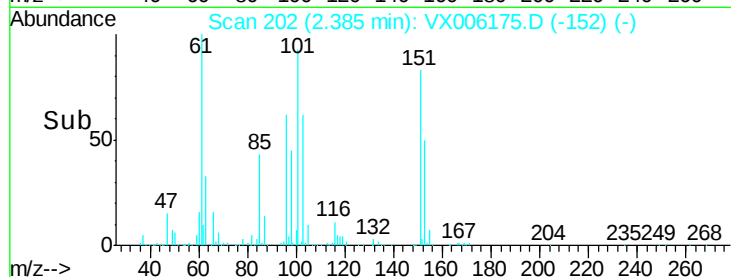
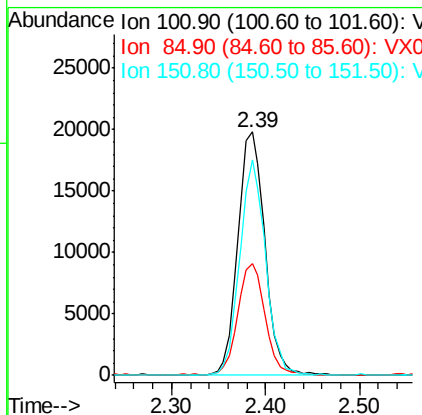
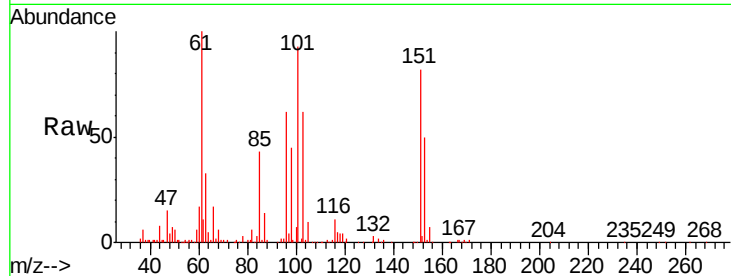
ClientSampleId :

VX1126WBSD01

Tgt Ion:	101	Resp:	39826
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.0	54.0
151	84.4	65.8	98.6

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#10

Methyl Iodide

Concen: 17.05 ug/l

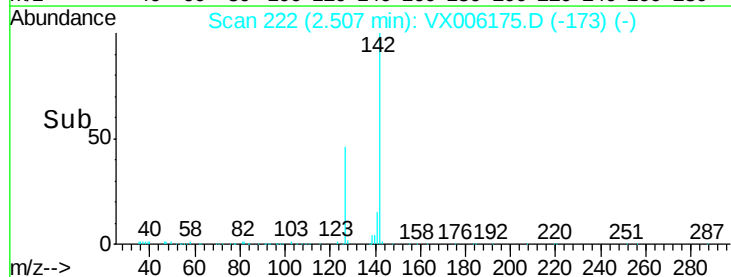
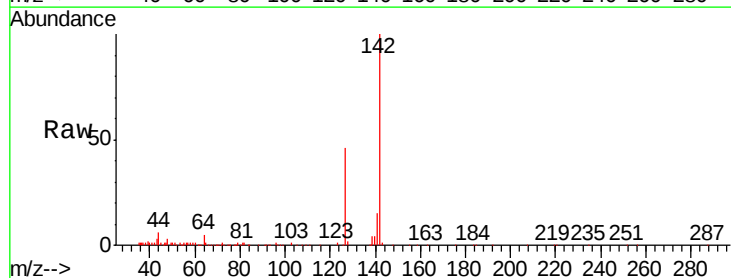
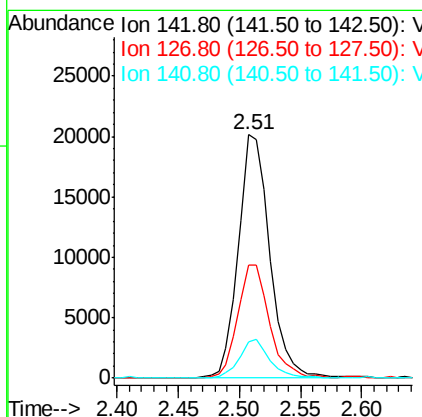
RT: 2.51 min Scan# 222

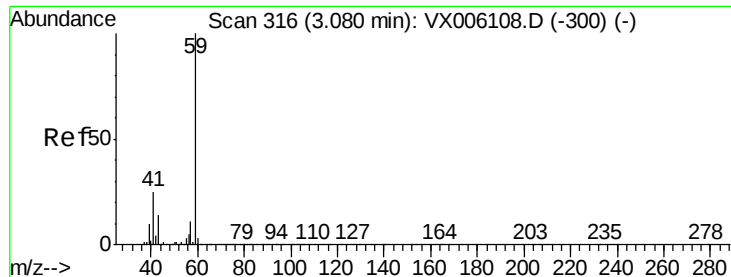
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	142	Resp:	35990
Ion Ratio	Lower	Upper	
142	100		
127	47.1	36.0	54.0
141	15.1	11.7	17.5





#11

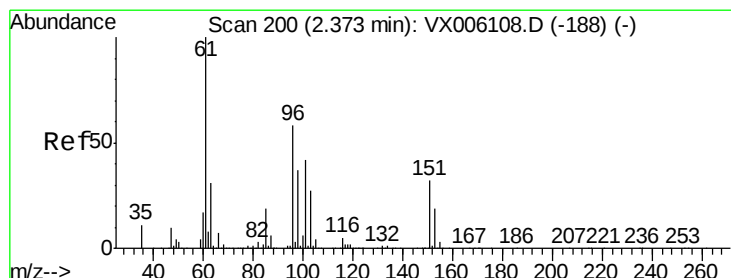
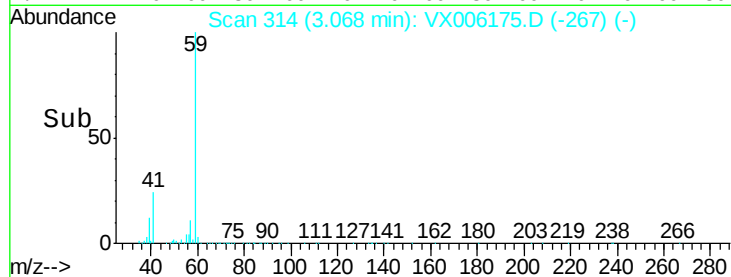
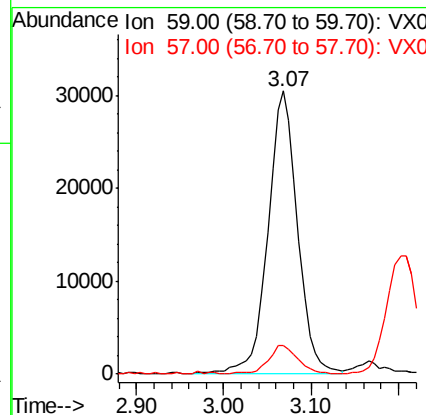
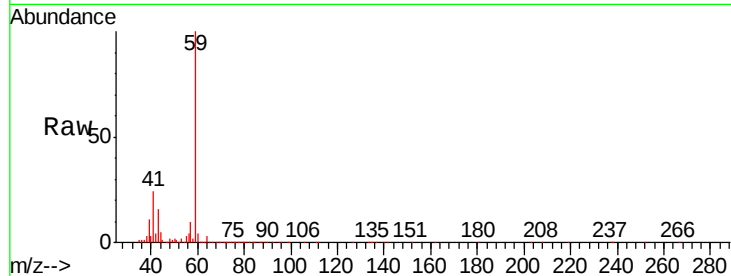
Tert butyl alcohol
Concen: 127.66 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.7	13.1

Manual Integrations
APPROVED

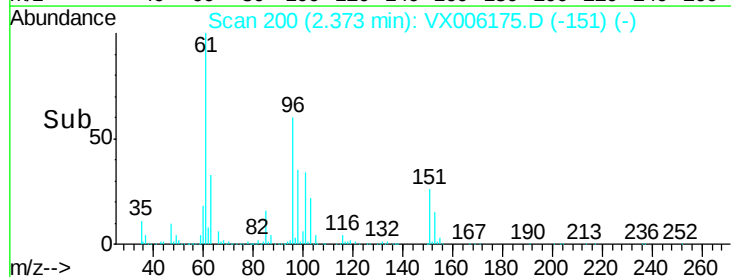
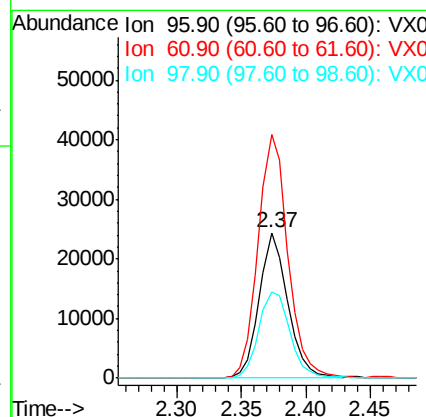
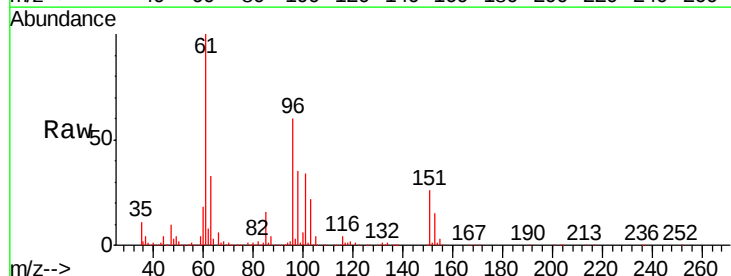
MMDadoda
11/27/2018 11:43:21 AM

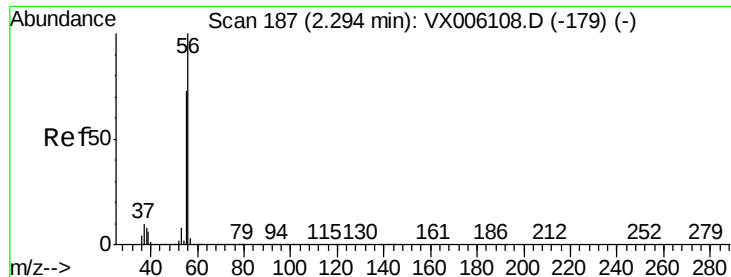


#12

1,1-Dichloroethene
Concen: 22.66 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.4	138.2	207.4
98	58.9	51.3	76.9





#13

Acrolein

Concen: 109.60 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 56 Resp: 36748

Ion Ratio Lower Upper

56 100

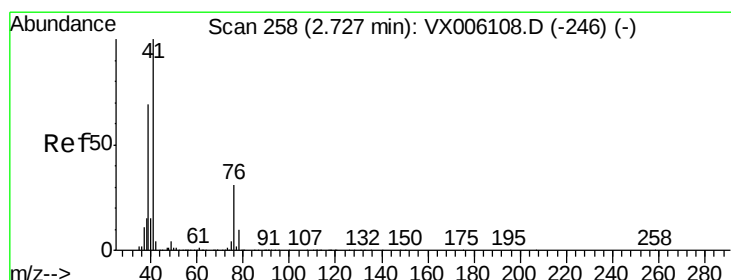
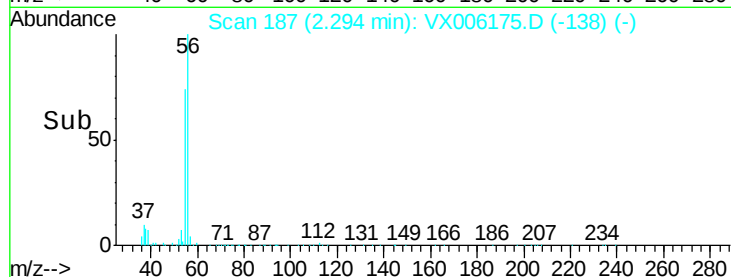
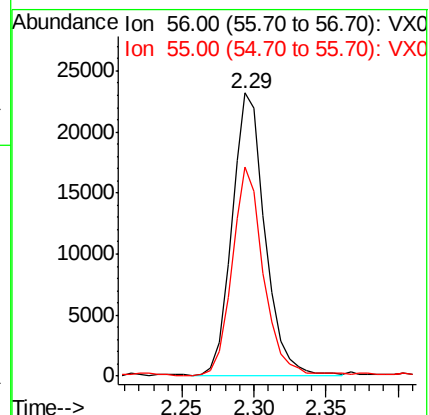
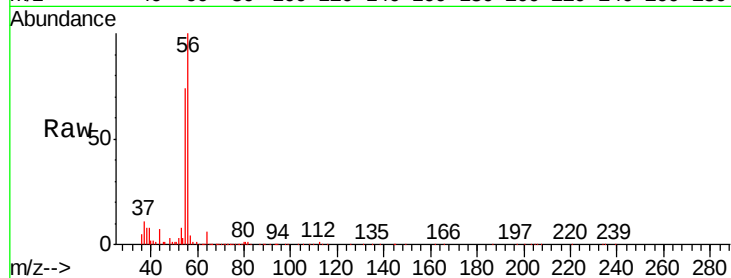
55 71.8 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#14

Allyl chloride

Concen: 23.95 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

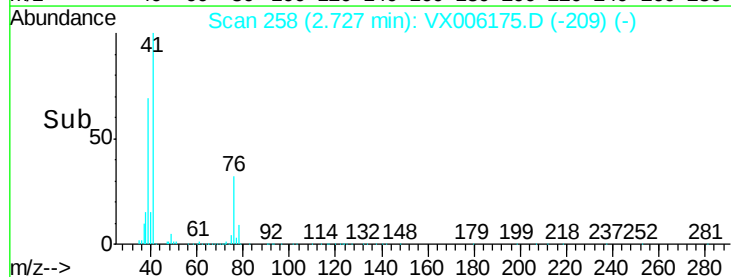
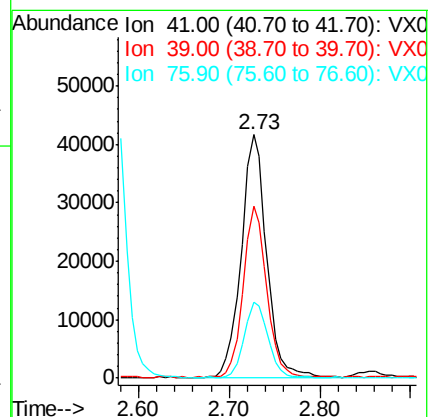
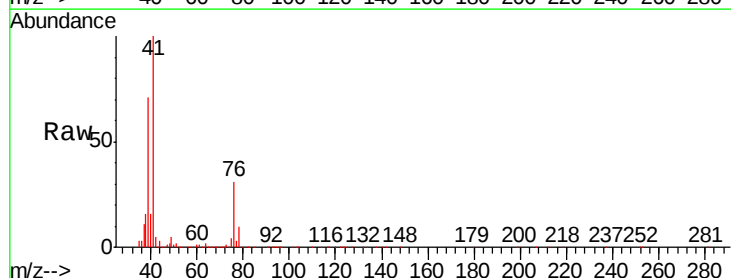
Tgt Ion: 41 Resp: 80418

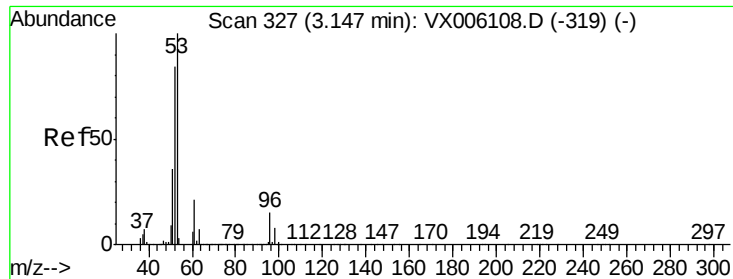
Ion Ratio Lower Upper

41 100

39 64.9 52.5 78.7

76 29.2 23.4 35.2





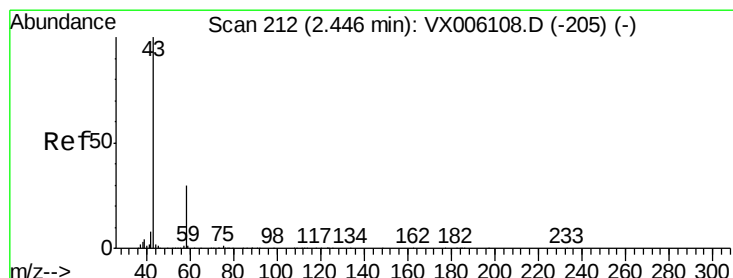
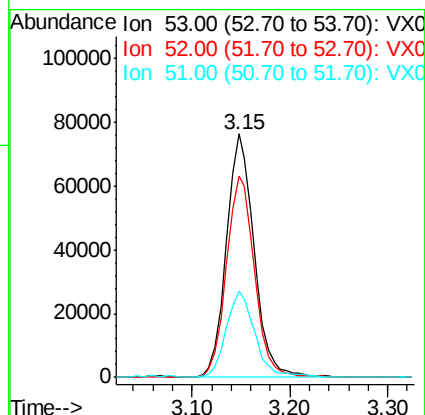
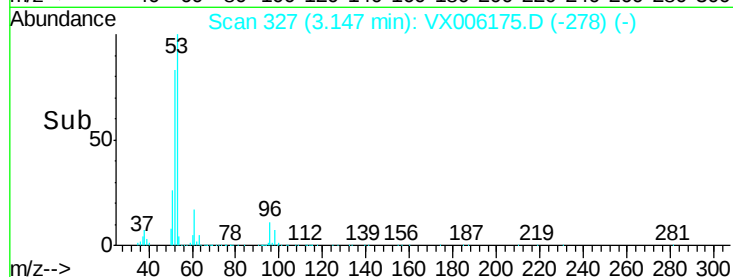
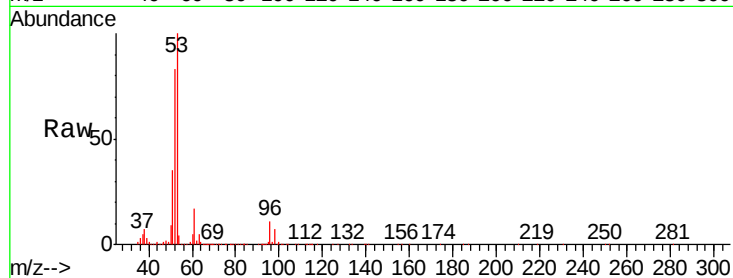
#15
Acrylonitrile
Concen: 120.03 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.4	99.6
51	36.4	29.4	44.0

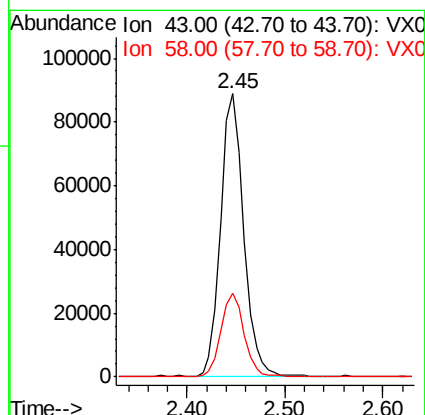
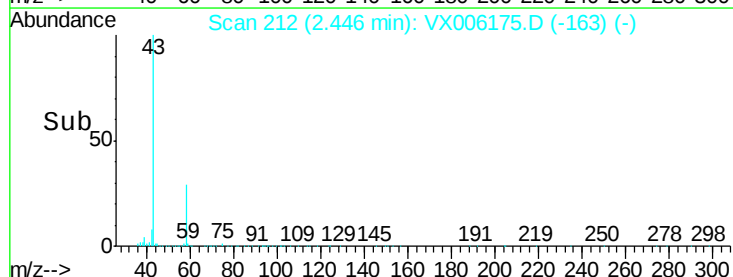
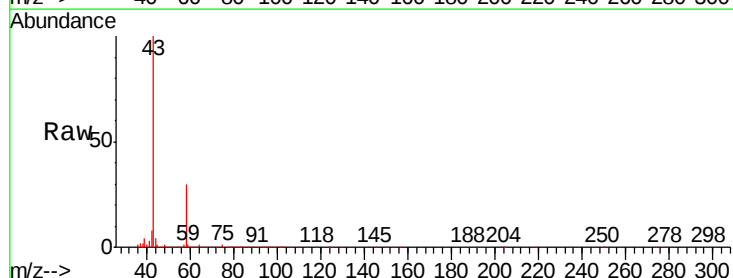
Manual Integrations
APPROVED

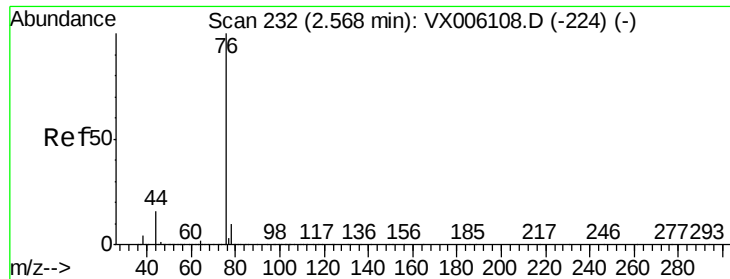
MMDadoda
11/27/2018 11:43:21 AM



#16
Acetone
Concen: 124.66 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.8	35.8





#17

Carbon Disulfide

Concen: 25.38 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 76 Resp: 112494

Ion Ratio Lower Upper

76 100

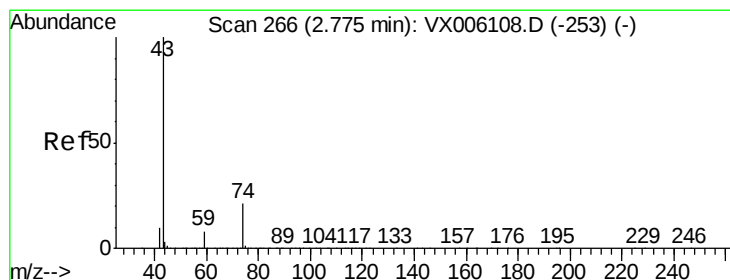
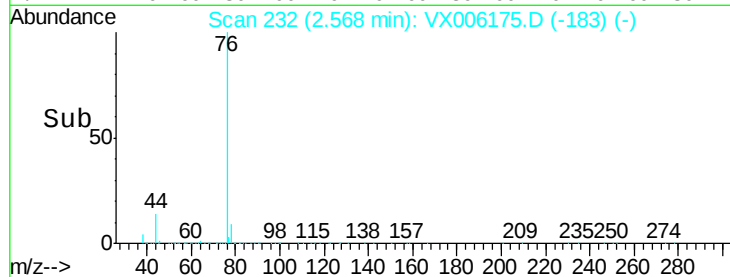
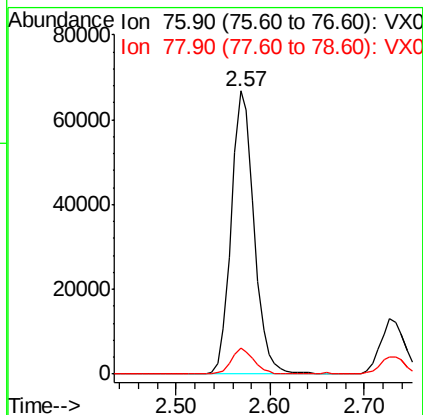
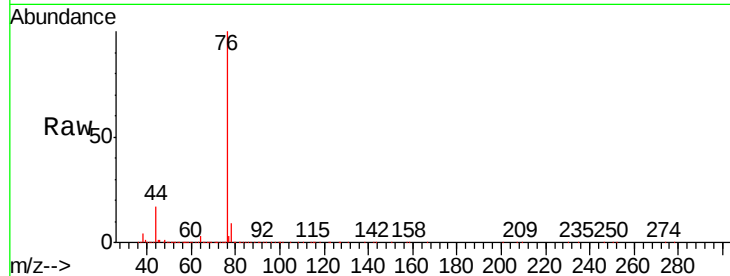
78 8.9 7.7 11.5

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#18

Methyl Acetate

Concen: 25.86 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006175.D

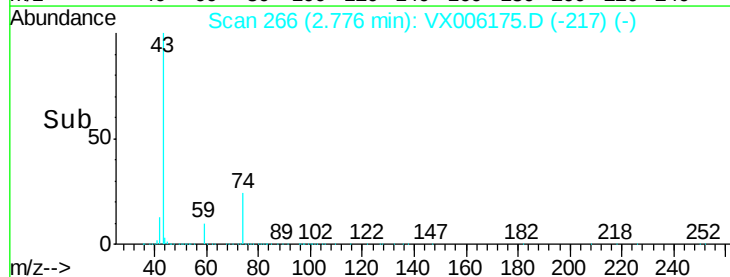
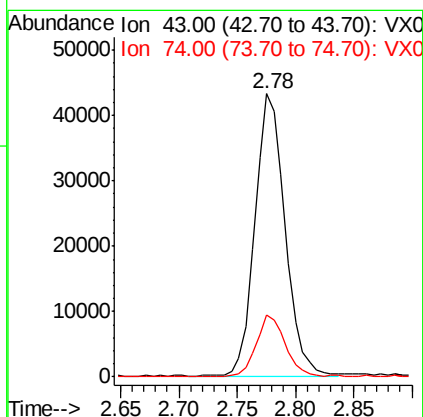
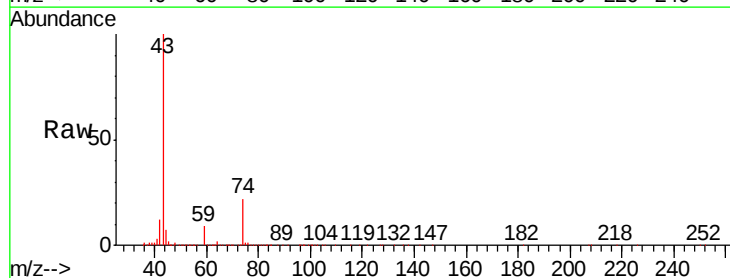
Acq: 26 Nov 2018 15:11

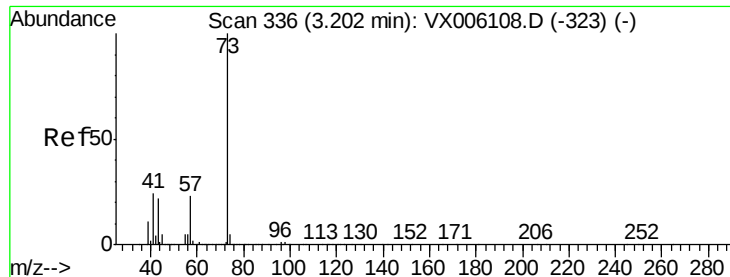
Tgt Ion: 43 Resp: 77515

Ion Ratio Lower Upper

43 100

74 21.1 17.3 25.9





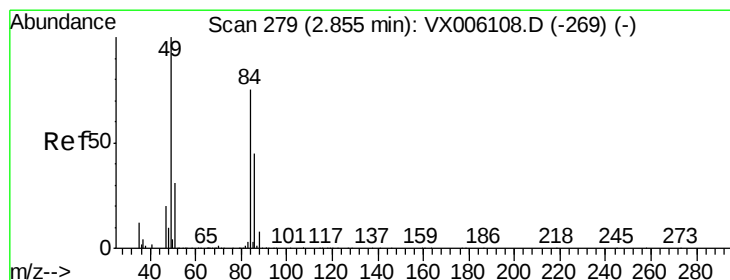
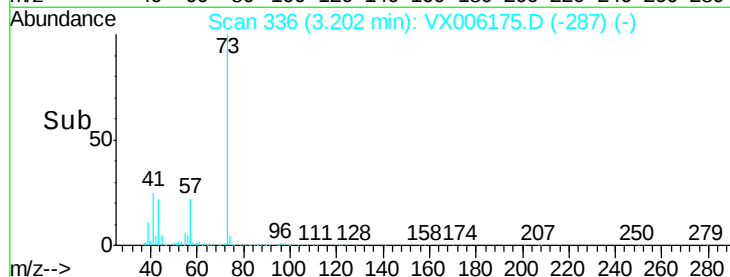
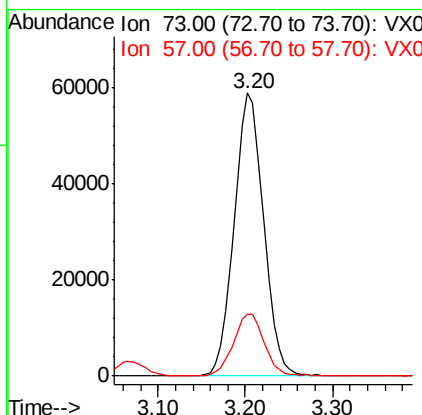
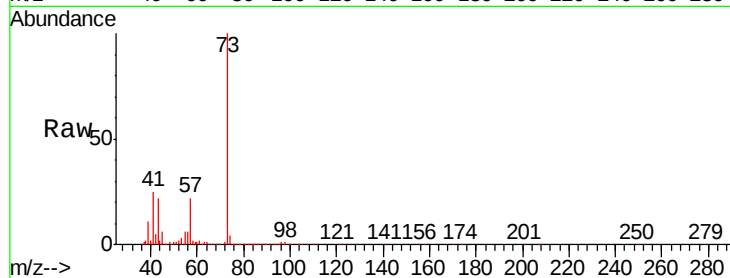
#19
Methyl tert-butyl Ether
Concen: 24.33 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.2	27.4

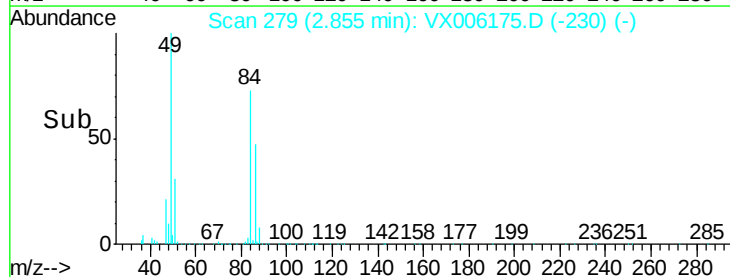
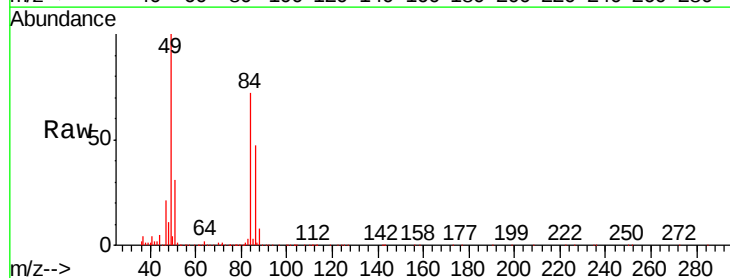
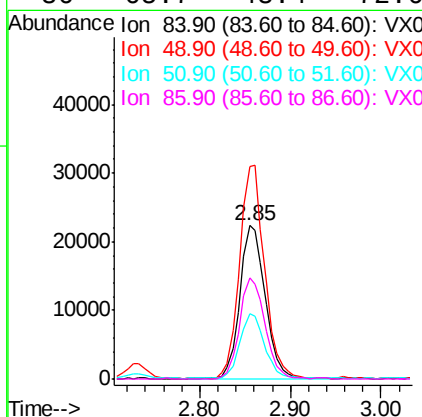
Manual Integrations
APPROVED

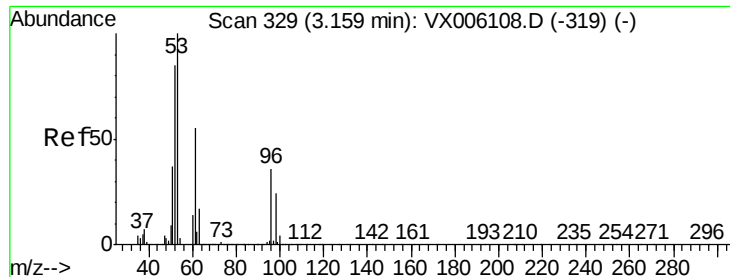
MMDadoda
11/27/2018 11:43:21 AM



#20
Methylene Chloride
Concen: 24.49 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.1	106.6	159.8
51	42.1	32.6	49.0
86	65.7	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 23.96 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

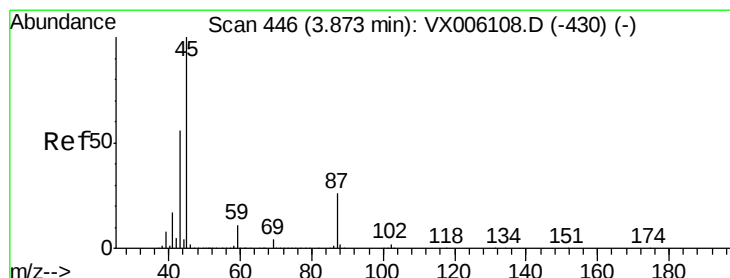
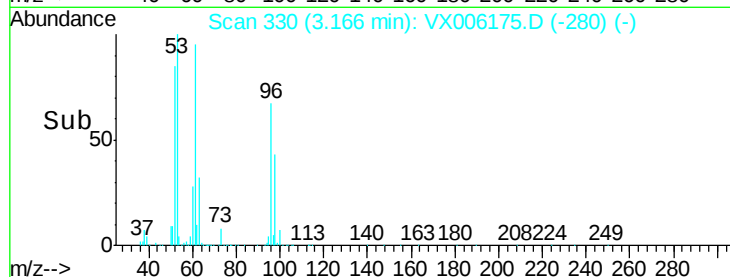
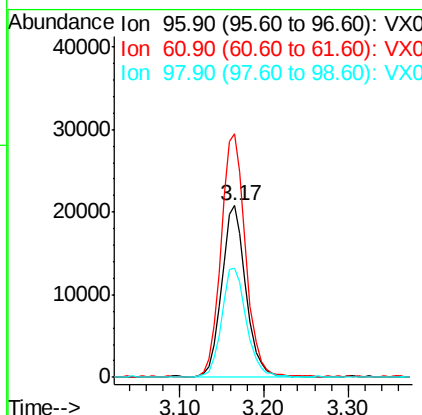
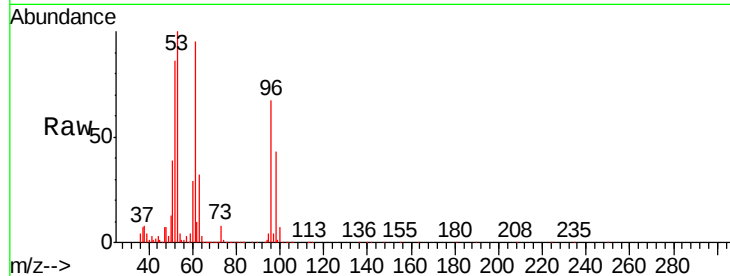
ClientSampleId :

VX1126WBSD01

Tgt Ion:	96	Resp:	41149
Ion	Ratio	Lower	Upper
96	100		
61	141.7	122.0	183.0
98	63.8	52.7	79.1

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#22

Diisopropyl ether

Concen: 22.83 ug/l

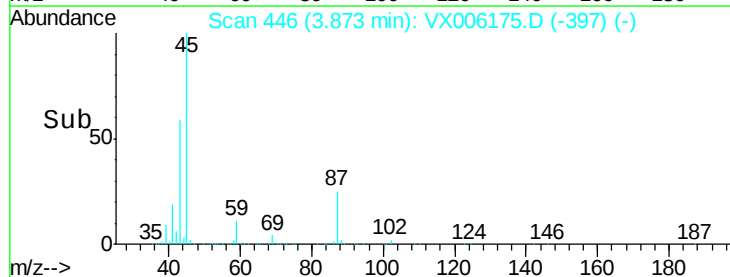
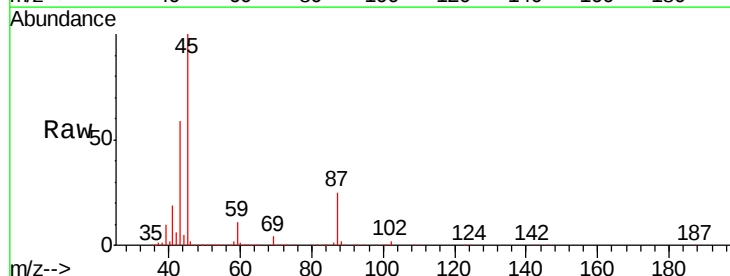
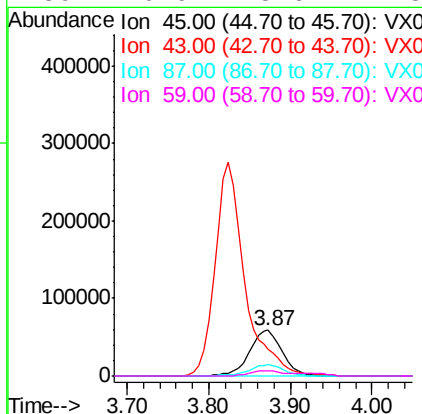
RT: 3.87 min Scan# 446

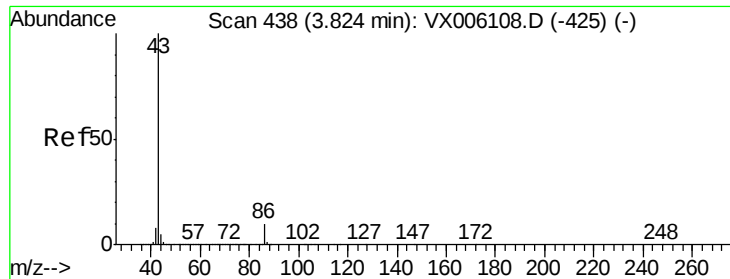
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	45	Resp:	164129
Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.8	68.8
87	25.4	21.0	31.4
59	10.9	8.6	12.8





#23

Vinyl Acetate

Concen: 117.59 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 43 Resp: 701272

Ion Ratio Lower Upper

43 100

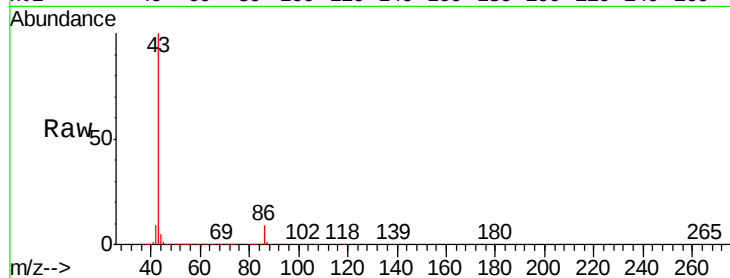
86 9.3 7.6 11.4

Manual Integrations

APPROVED

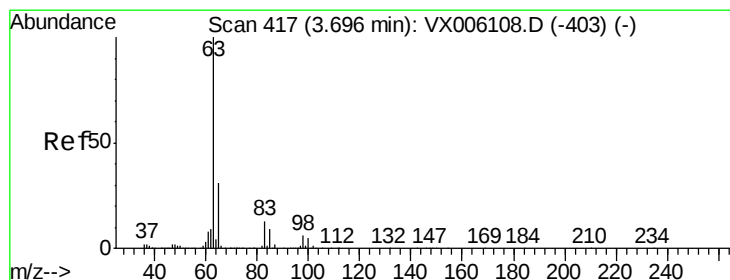
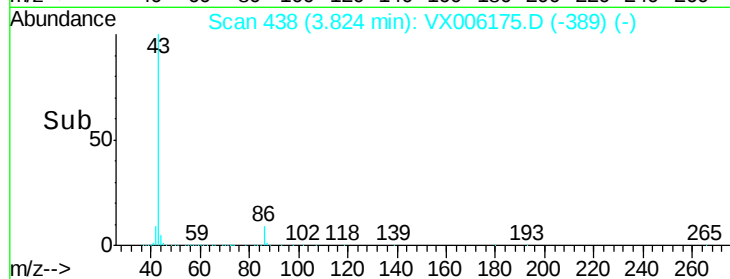
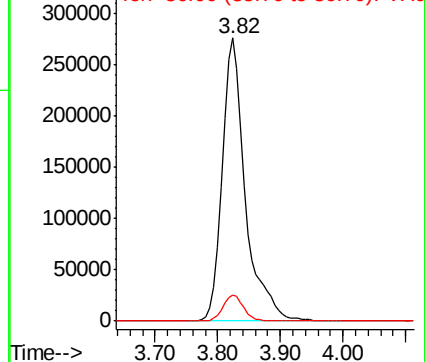
MMDadoda

11/27/2018 11:43:21 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: 25.41 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

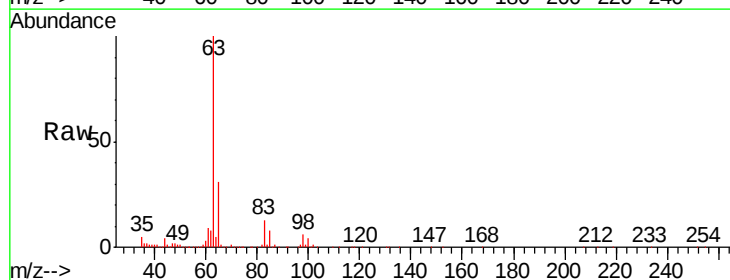
Tgt Ion: 63 Resp: 86042

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

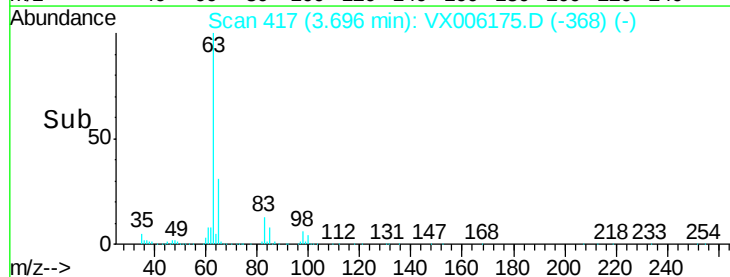
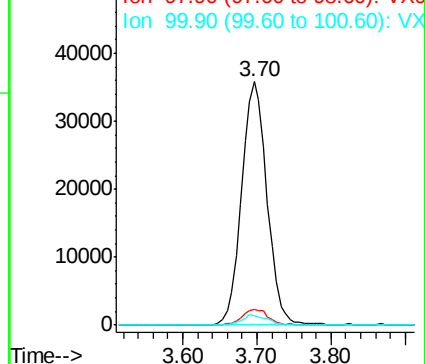
100 4.0 2.4 7.1

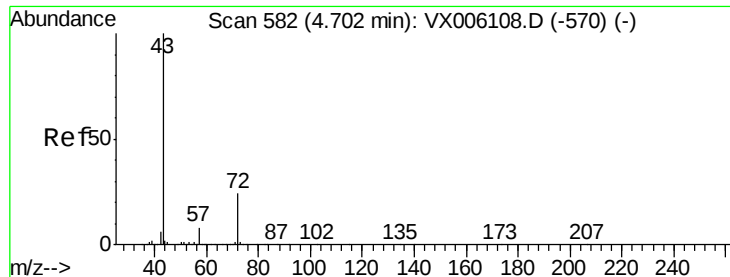


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 111.93 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 43 Resp: 242816

Ion Ratio Lower Upper

43 100

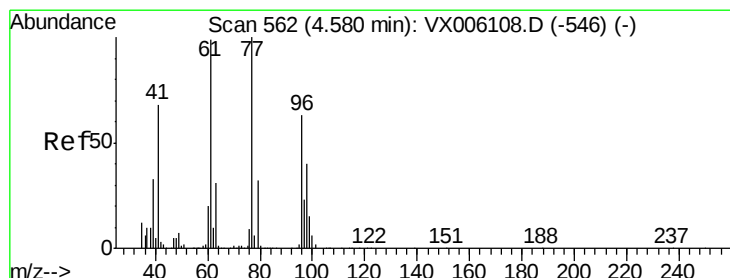
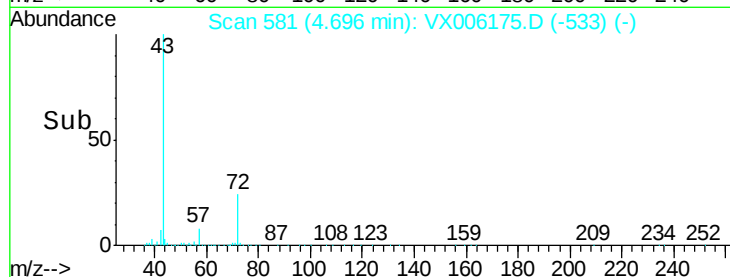
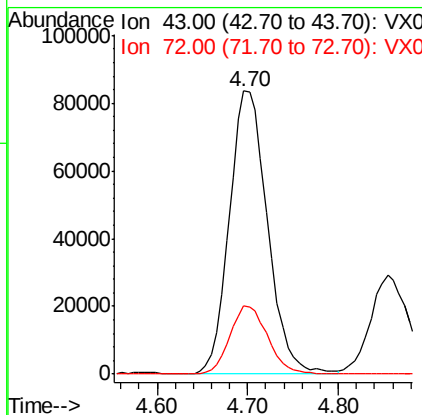
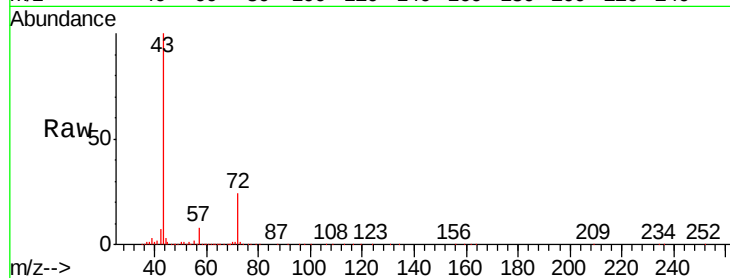
72 24.0 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#26

2,2-Dichloropropane

Concen: 23.13 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006175.D

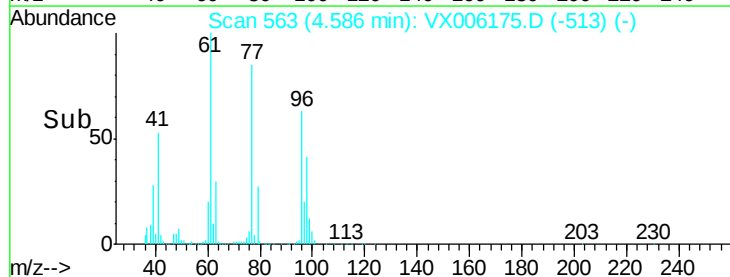
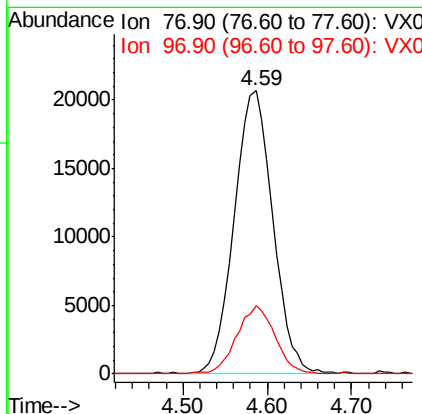
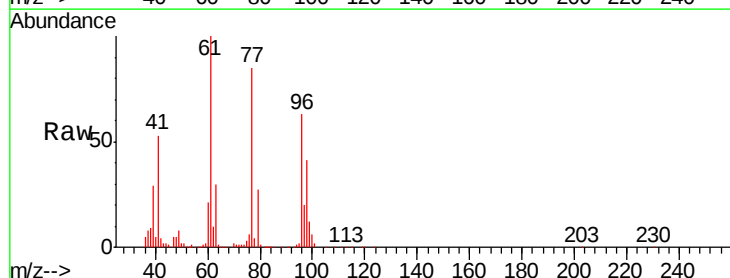
Acq: 26 Nov 2018 15:11

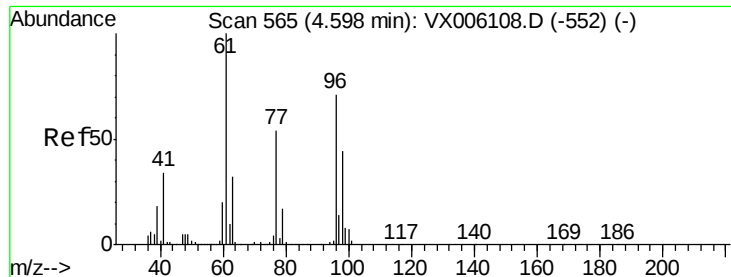
Tgt Ion: 77 Resp: 64556

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 21.34 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

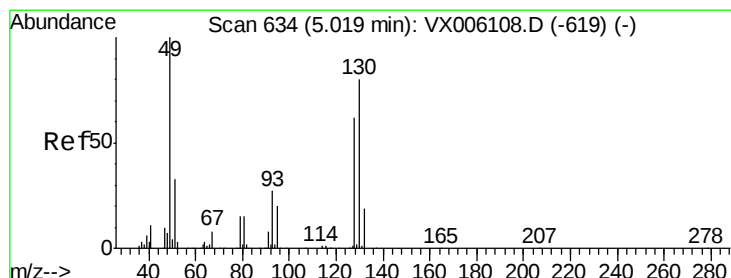
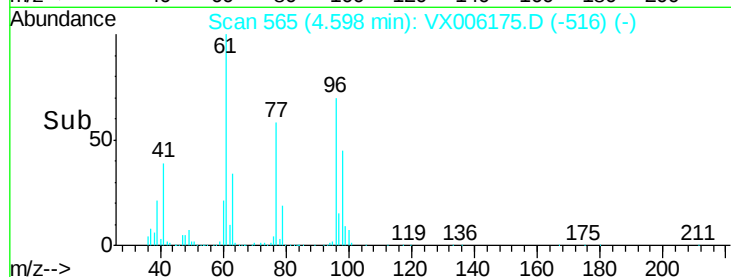
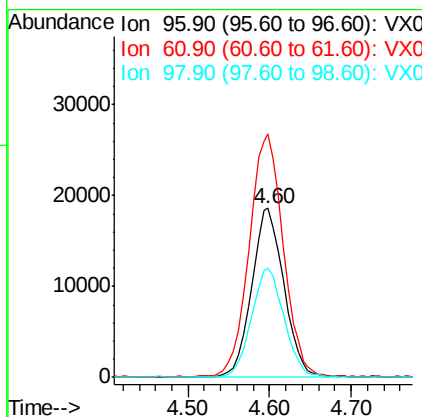
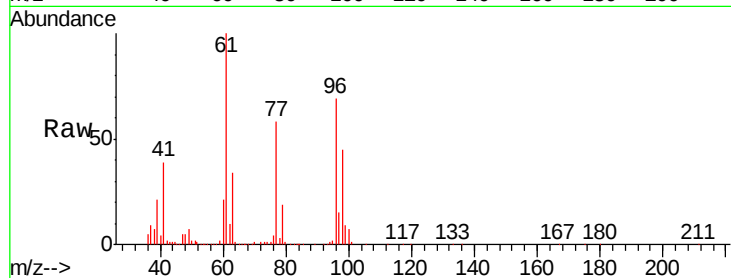
ClientSampled :

VX1126WBSD01

Tgt Ion:	96	Resp:	51231
Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	291.6
98	65.7	0.0	128.2

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#28

Bromochloromethane

Concen: 23.30 ug/l

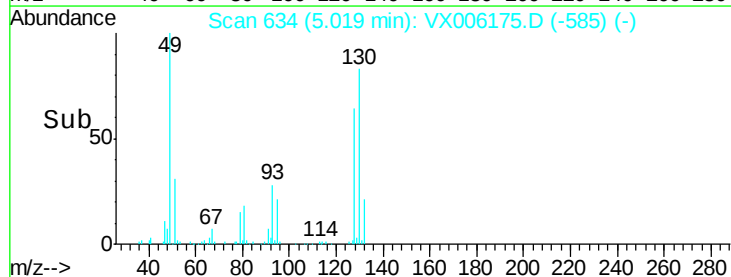
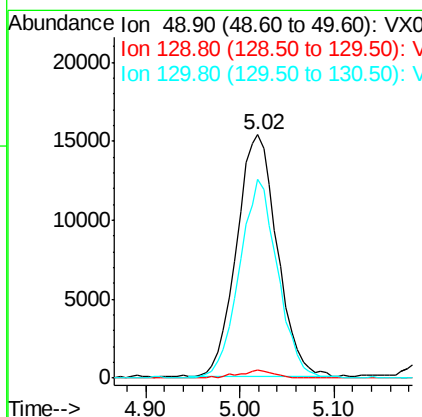
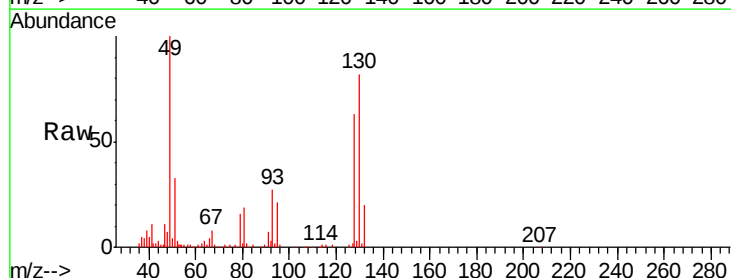
RT: 5.02 min Scan# 634

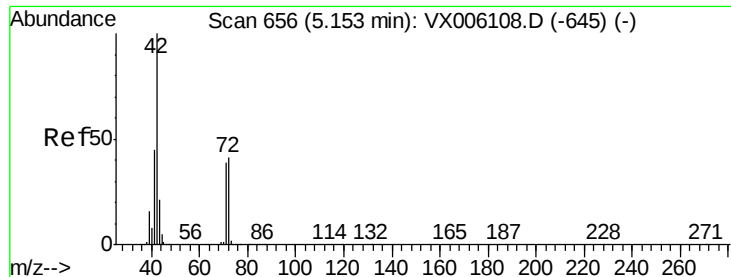
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	49	Resp:	45993
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.4
130	78.0	61.6	92.4





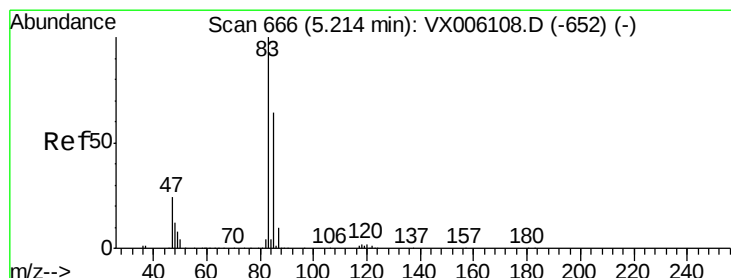
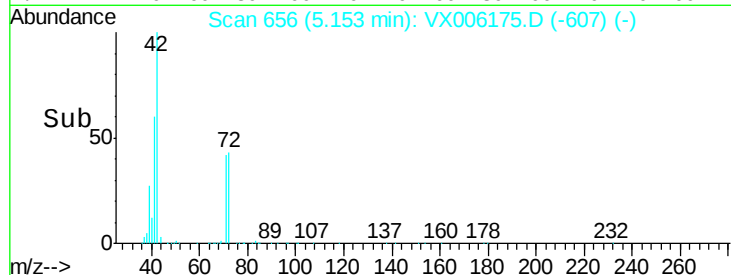
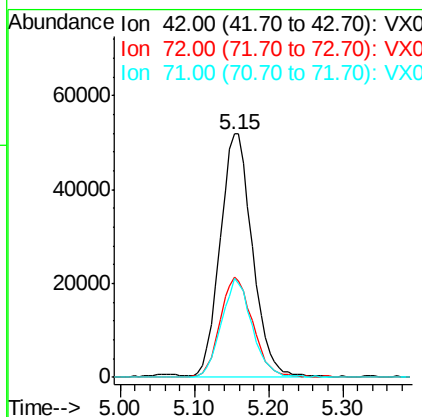
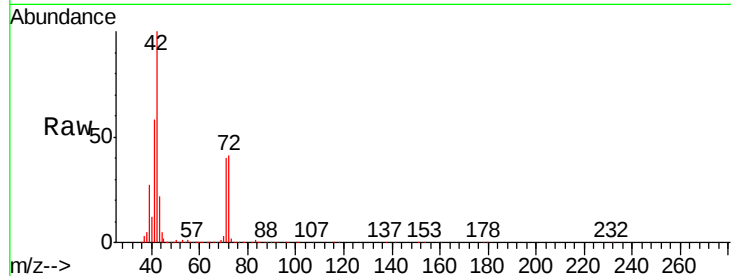
#29
Tetrahydrofuran
Concen: 115.19 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	155886		
72	41.9		33.0	49.6
71	38.6		31.0	46.4

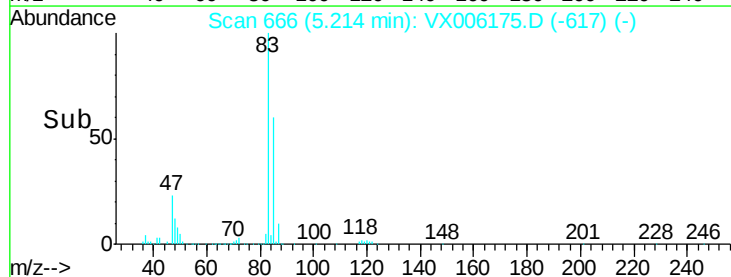
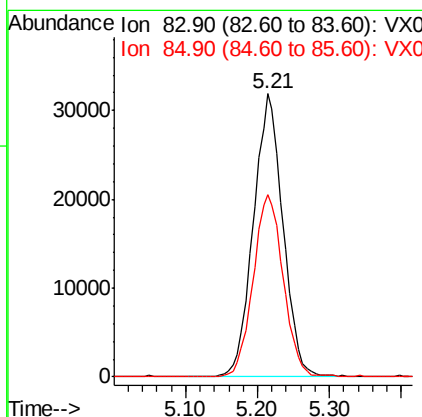
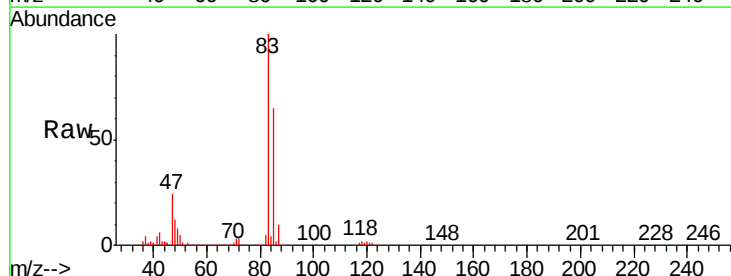
Manual Integrations
APPROVED

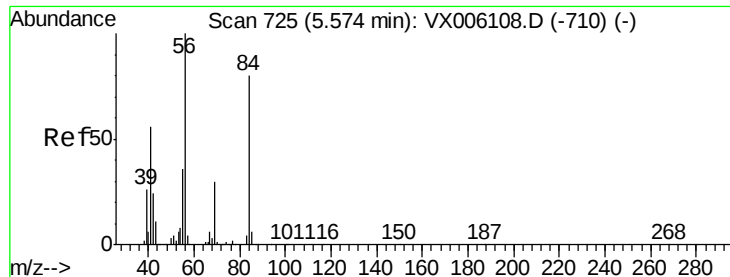
MMDadoda
11/27/2018 11:43:21 AM



#30
Chloroform
Concen: 22.15 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	90916		
85	64.5		51.0	76.4





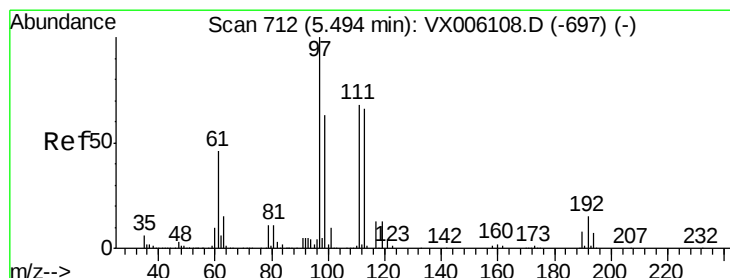
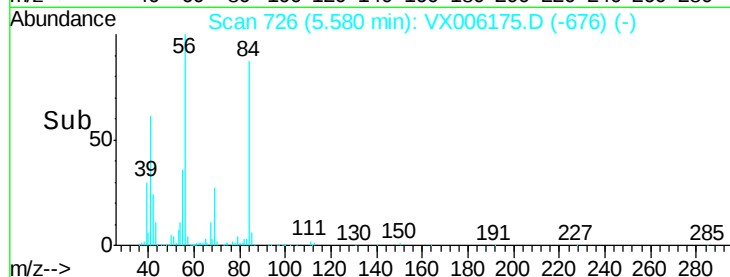
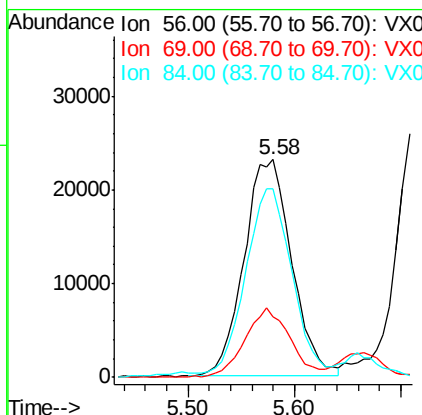
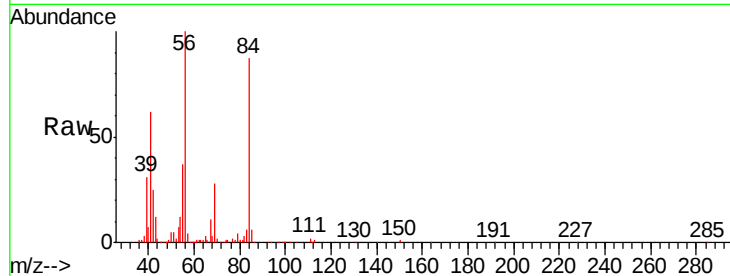
#31
Cyclohexane
Concen: 20.49 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.5	23.9	35.9
84	85.7	63.6	95.4

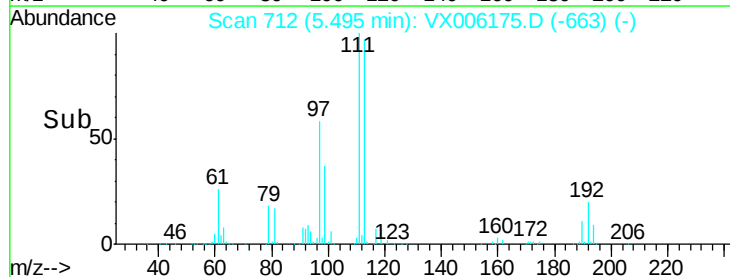
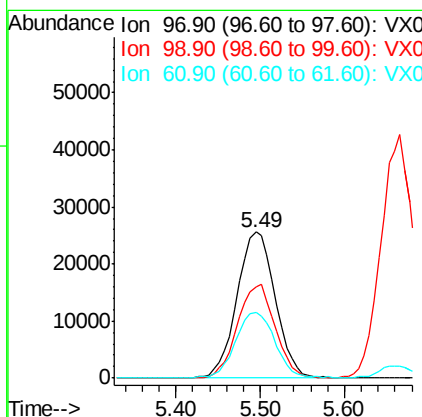
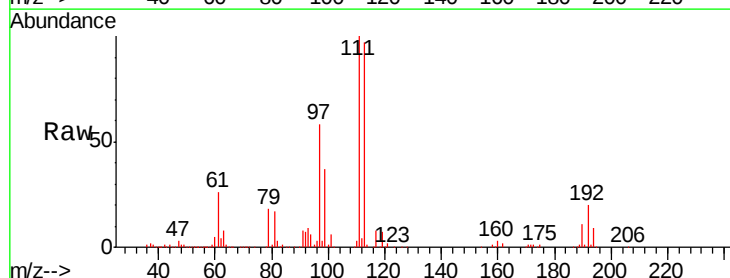
Manual Integrations
APPROVED

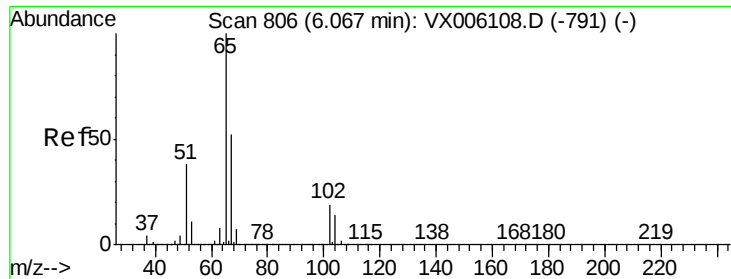
MMDadoda
11/27/2018 11:43:21 AM



#32
1,1,1-Trichloroethane
Concen: 23.78 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	46.4	36.6	55.0





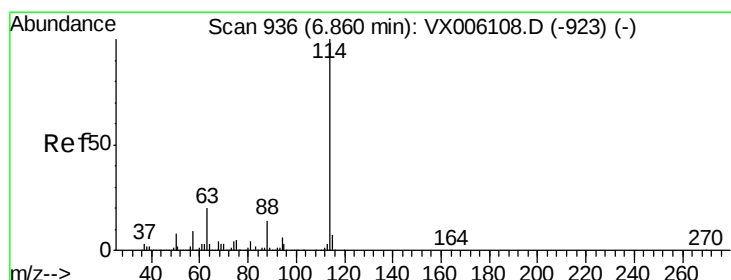
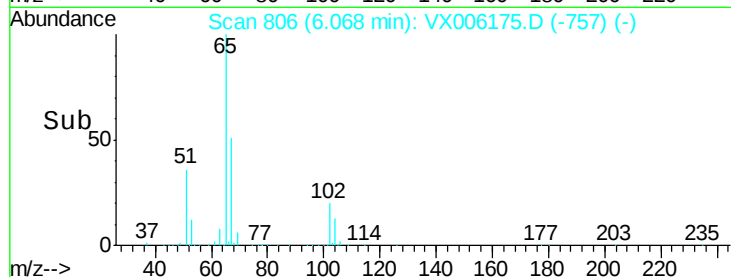
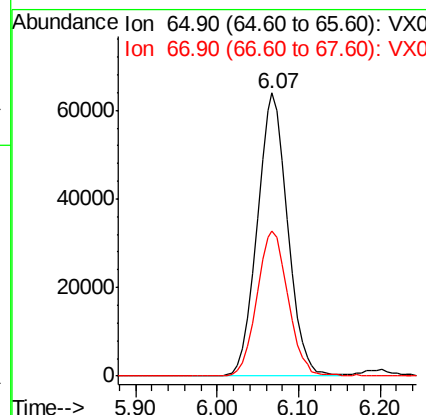
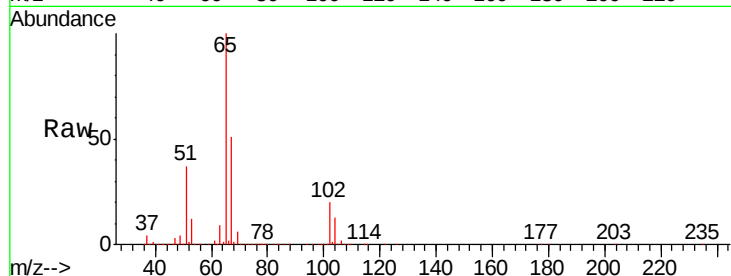
#33
 1,2-Dichloroethane-d4
 Concen: 62.97 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	165849		
67	52.3	0.0	105.8	

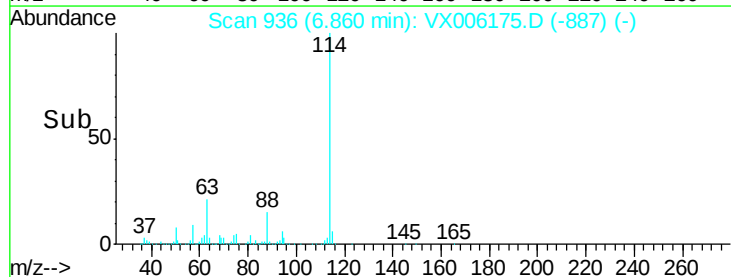
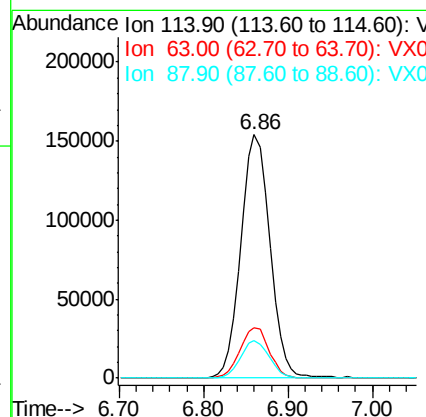
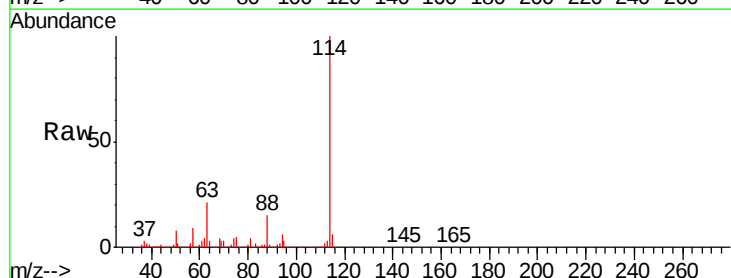
Manual Integrations
 APPROVED

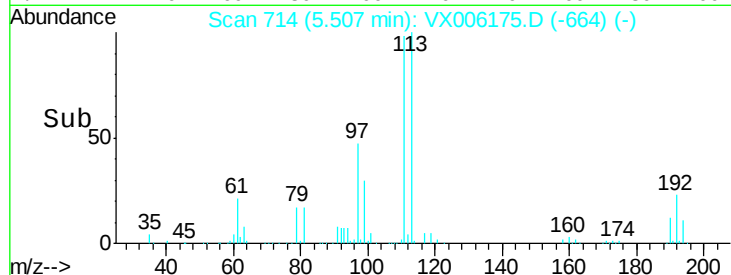
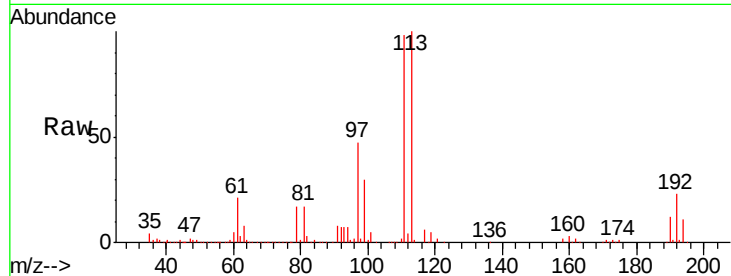
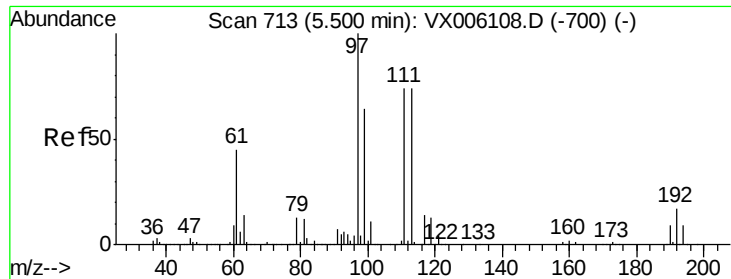
MMDadoda
 11/27/2018 11:43:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	360402		
63	20.6	0.0	39.2	
88	15.4	0.0	28.6	





#35

Dibromofluoromethane

Concen: 56.65 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006175.D

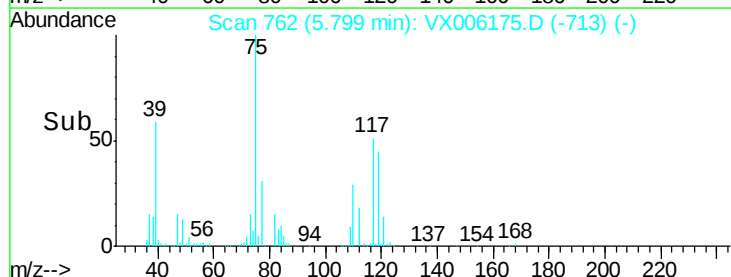
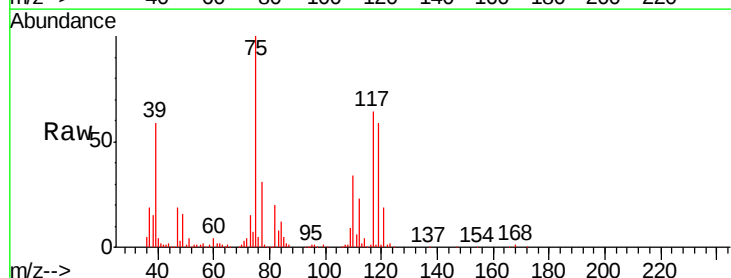
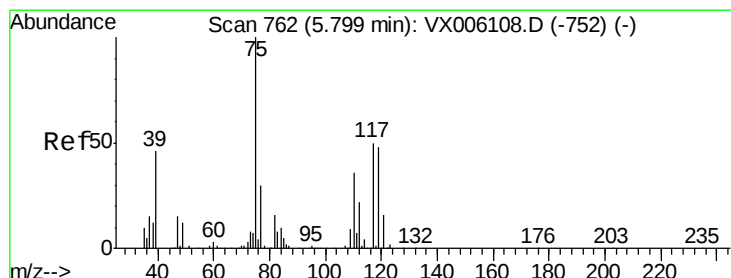
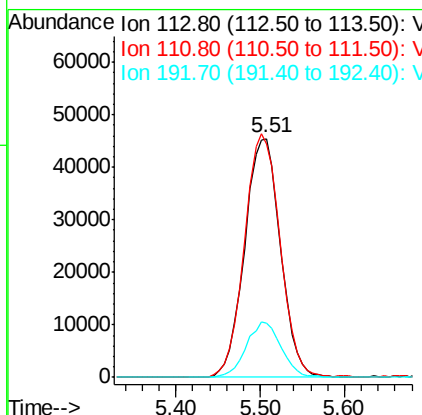
Acq: 26 Nov 2018 15:11

Tgt Ion:	113	Resp:	131049
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.5	122.3
192	22.7	18.6	28.0

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#36

1,1-Dichloropropene

Concen: 19.36 ug/l

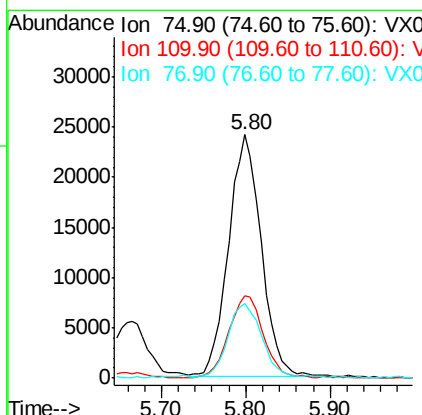
RT: 5.80 min Scan# 762

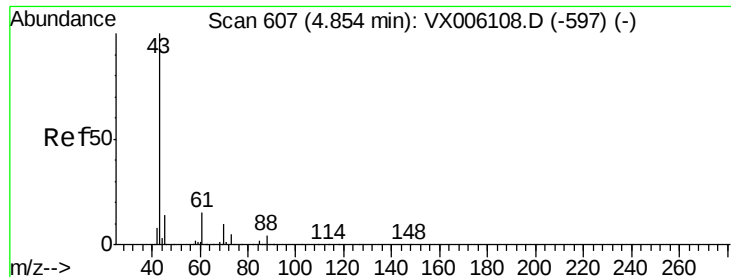
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	75	Resp:	63491
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.8	53.3
77	31.1	24.5	36.7





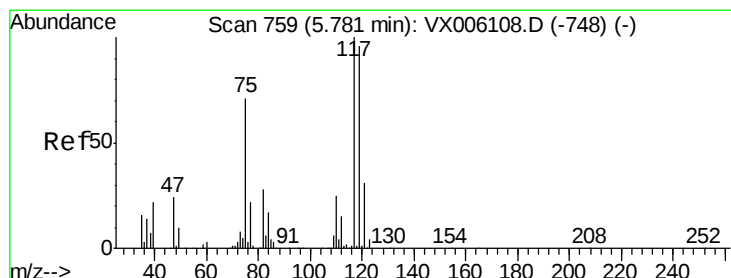
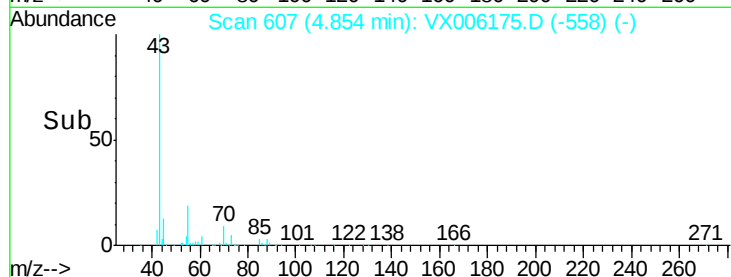
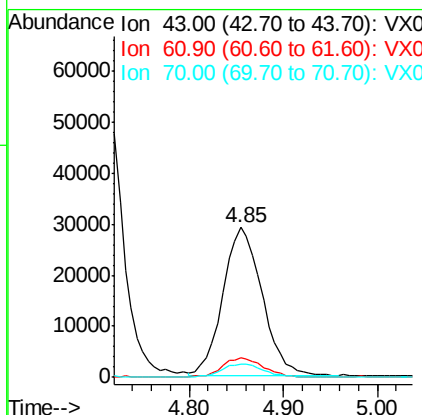
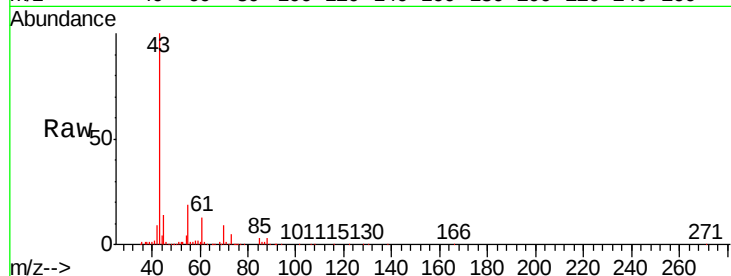
#37
Ethyl Acetate
Concen: 19.99 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.9	7.9	11.9

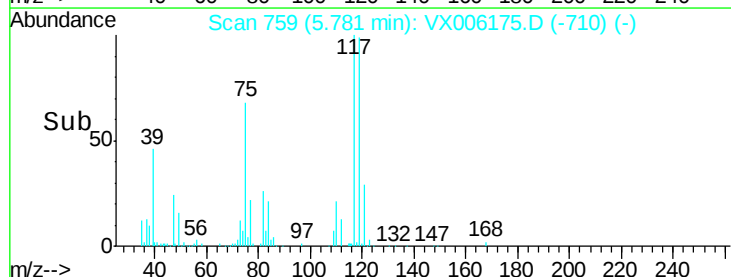
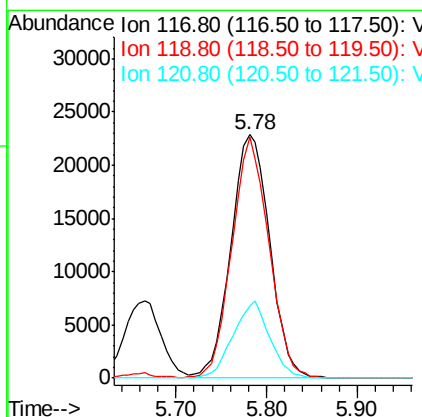
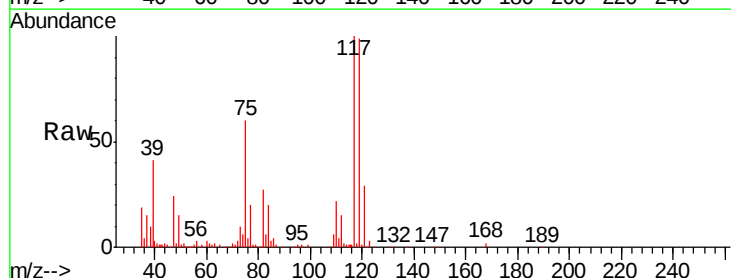
Manual Integrations
APPROVED

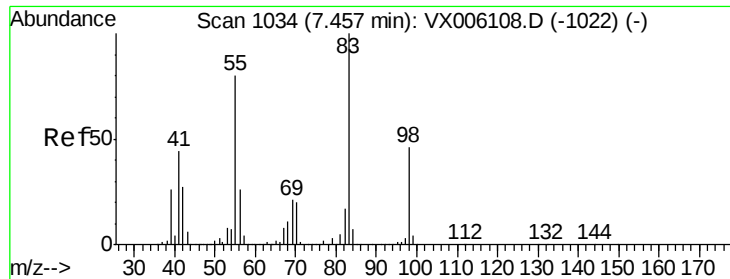
MMDadoda
11/27/2018 11:43:21 AM



#38
Carbon Tetrachloride
Concen: 22.06 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.3	114.5
121	29.5	24.7	37.1





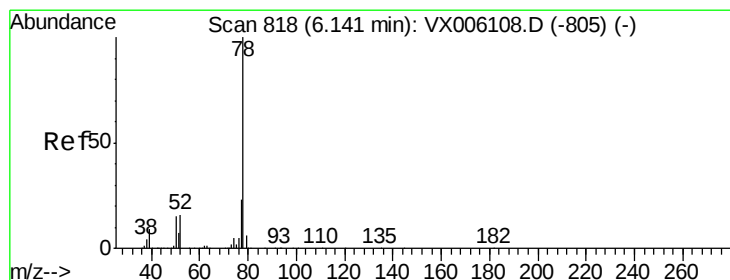
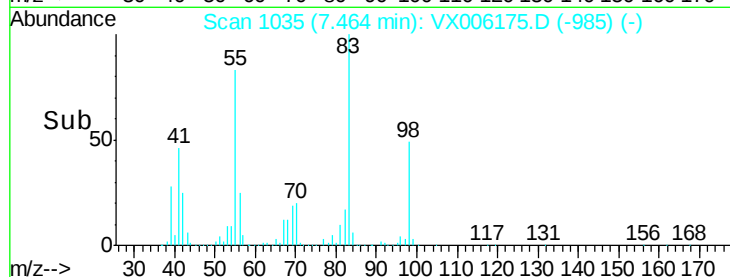
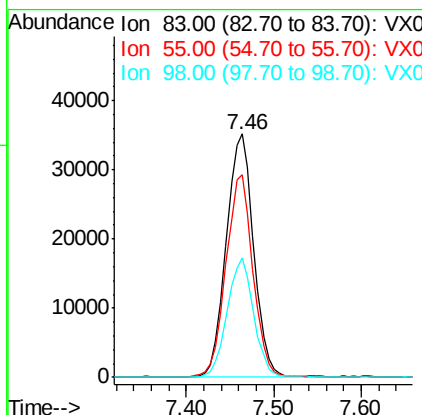
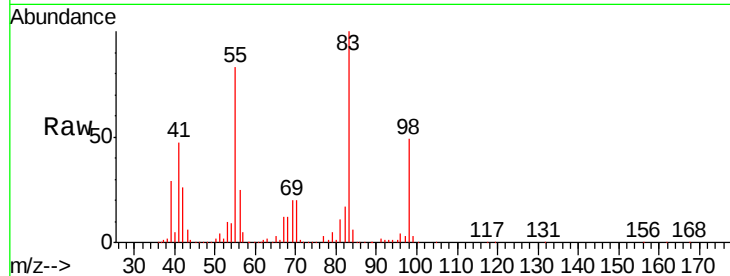
#39
Methylcyclohexane
Concen: 20.43 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.4	63.9	95.9
98	48.9	36.8	55.2

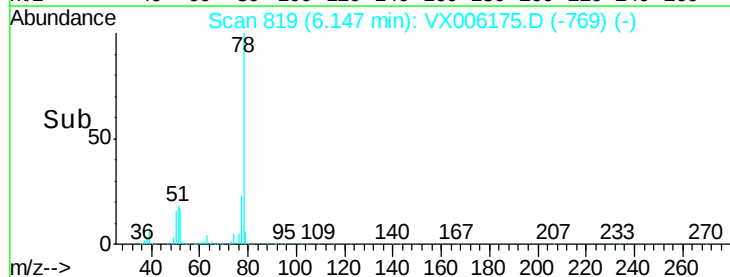
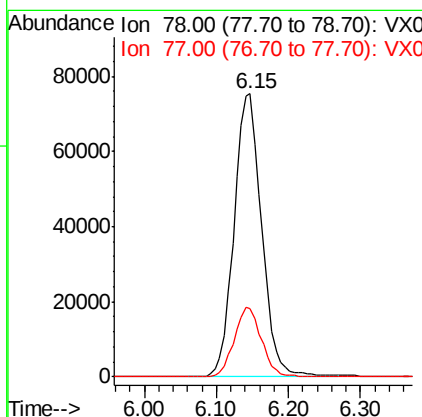
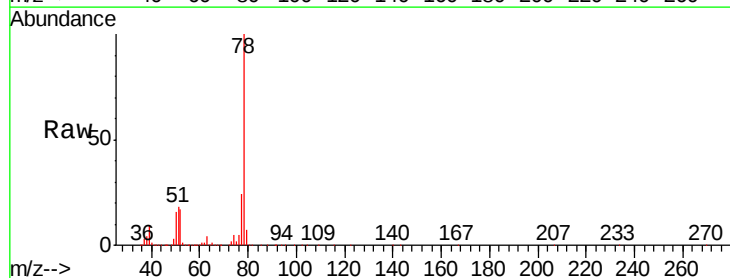
Manual Integrations
APPROVED

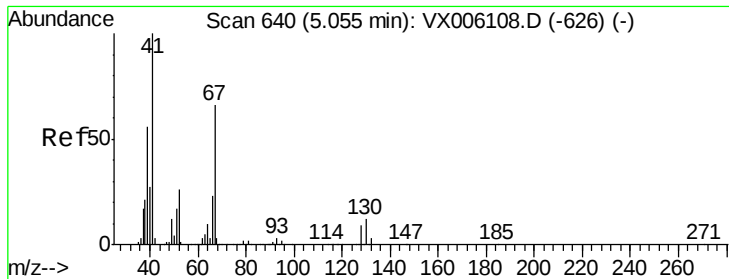
MMDadoda
11/27/2018 11:43:21 AM



#40
Benzene
Concen: 20.81 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





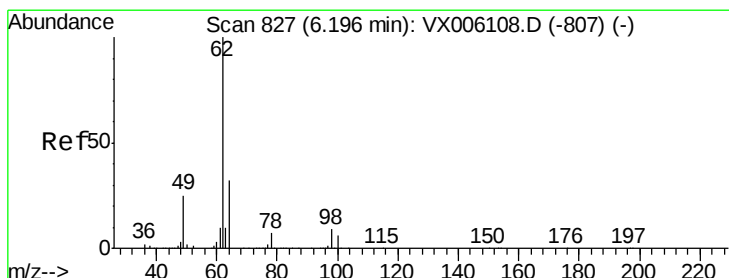
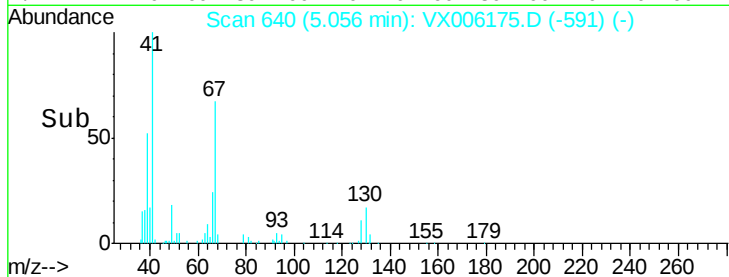
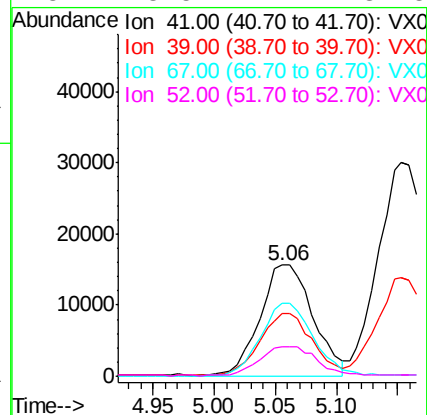
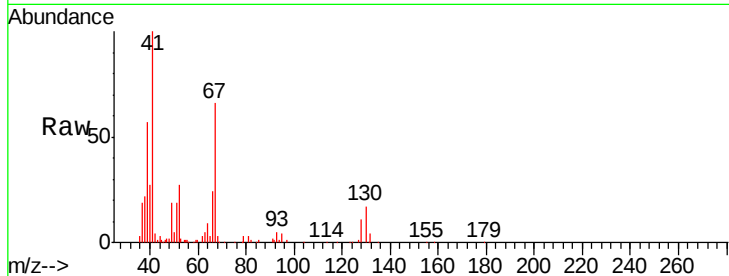
#41
Methacrylonitrile
Concen: 20.17 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	44.1	66.1	
67	67.2	54.1	81.1	
52	28.5	21.7	32.5	

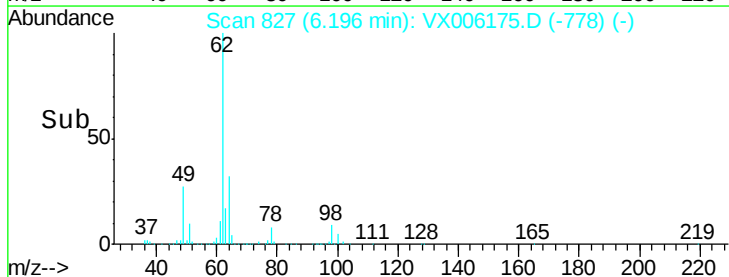
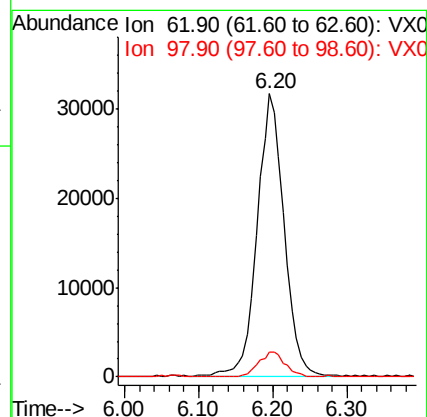
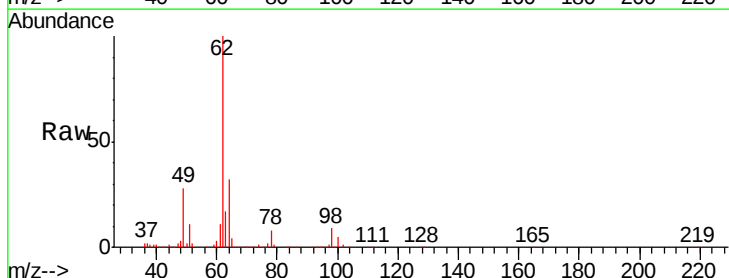
Manual Integrations
APPROVED

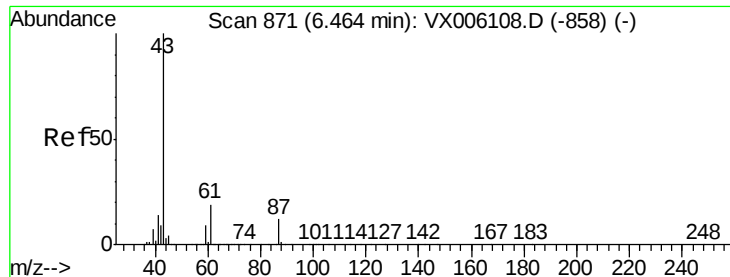
MMDadoda
11/27/2018 11:43:21 AM



#42
1,2-Dichloroethane
Concen: 22.04 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.8	





#43

Isopropyl Acetate

Concen: 22.03 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

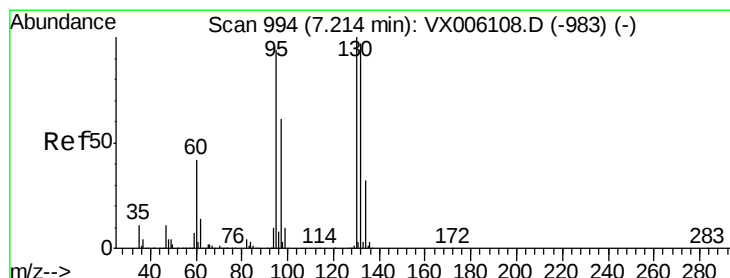
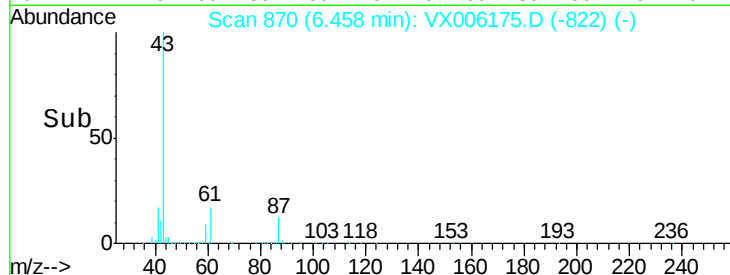
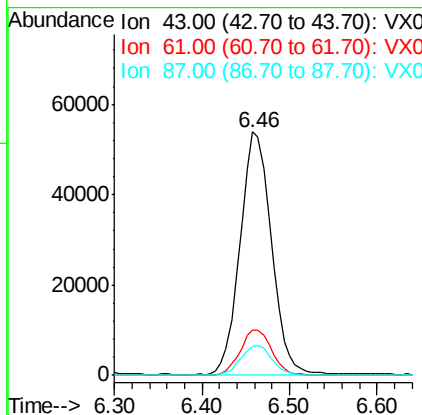
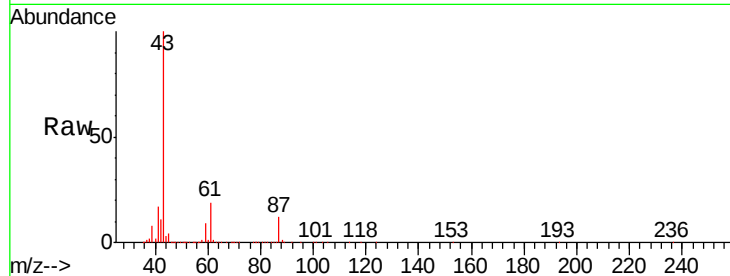
ClientSampleId :

VX1126WBSD01

Tgt Ion:	43	Resp:	134183
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.4	9.6	14.4

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#44

Trichloroethene

Concen: 22.15 ug/l

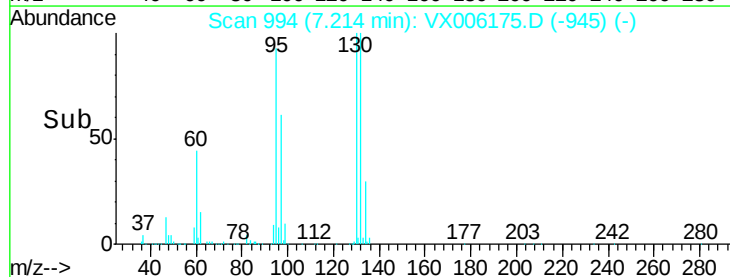
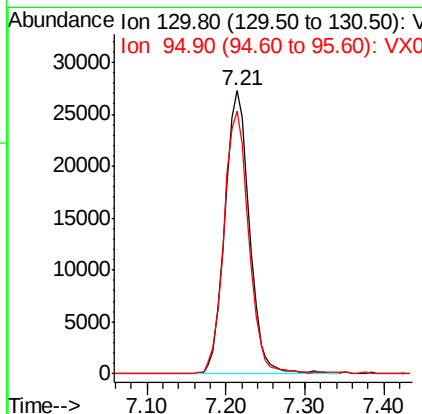
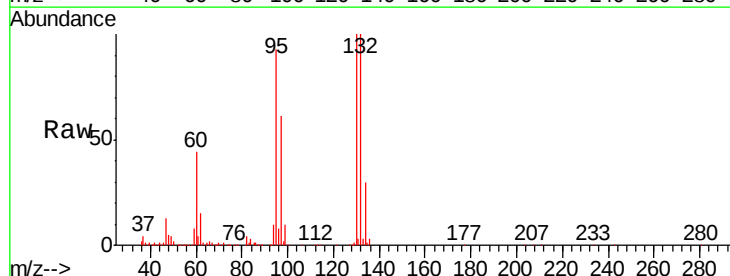
RT: 7.21 min Scan# 994

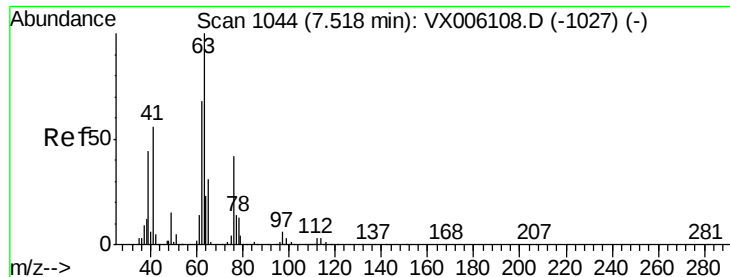
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	130	Resp:	59466
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	188.8





#45

1,2-Dichloropropane

Concen: 23.07 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 63 Resp: 58972

Ion Ratio Lower Upper

63 100

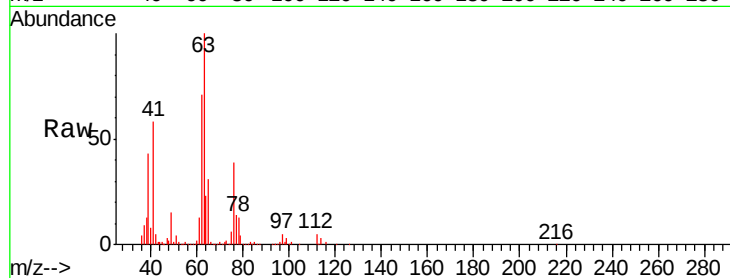
65 30.4 24.8 37.2

Manual Integrations

APPROVED

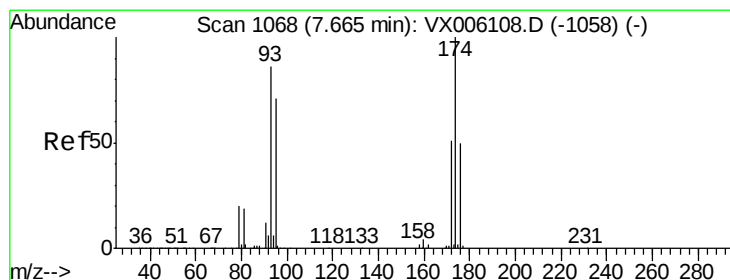
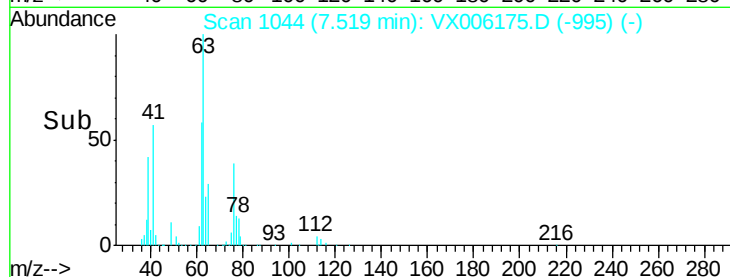
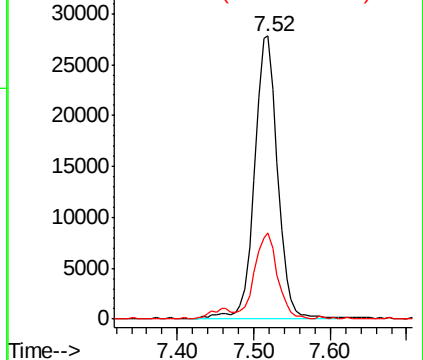
MMDadoda

11/27/2018 11:43:21 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 22.51 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

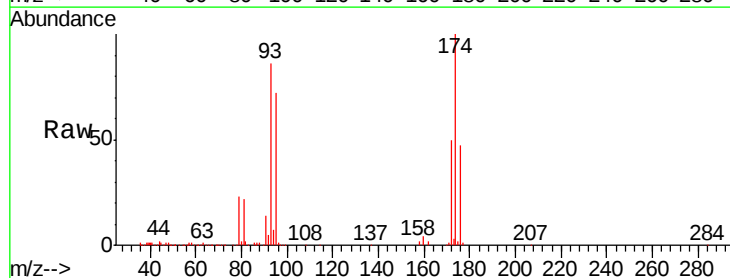
Tgt Ion: 93 Resp: 39411

Ion Ratio Lower Upper

93 100

95 82.7 66.3 99.5

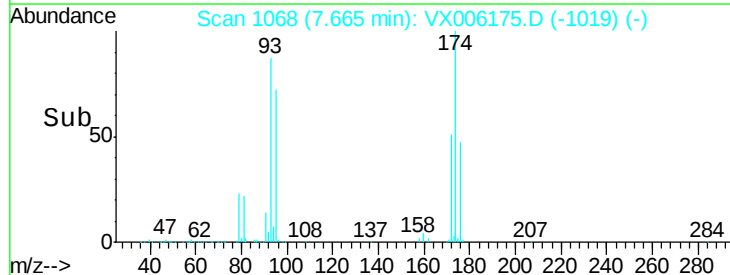
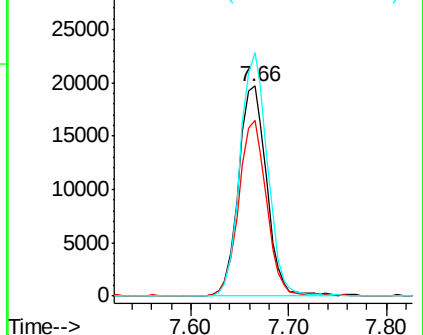
174 112.9 91.0 136.6

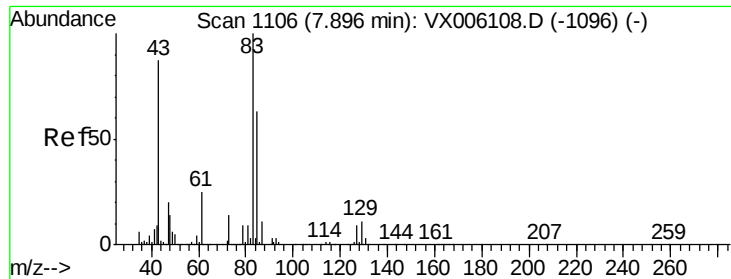


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





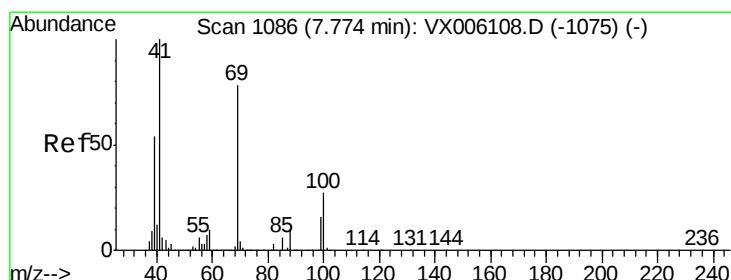
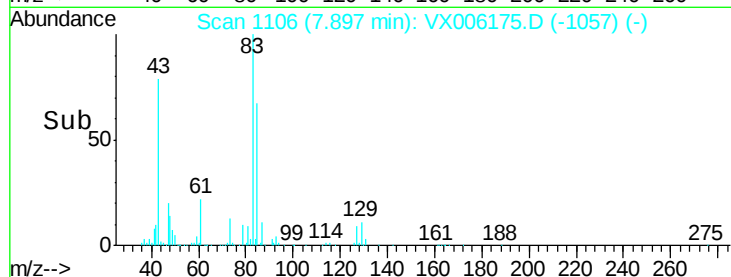
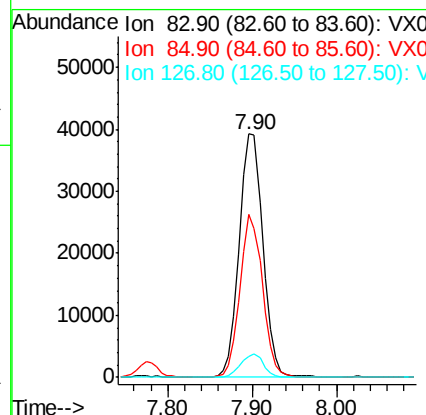
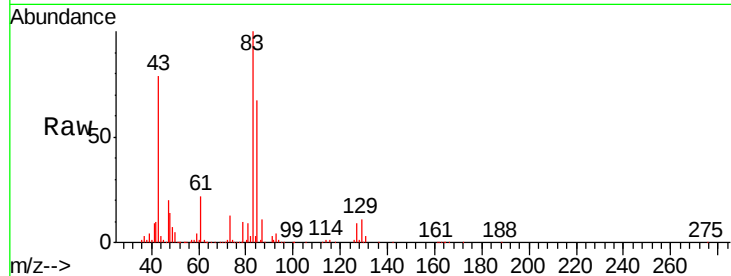
#47
Bromodichloromethane
Concen: 23.03 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.4	75.6
127	8.6	7.0	10.4

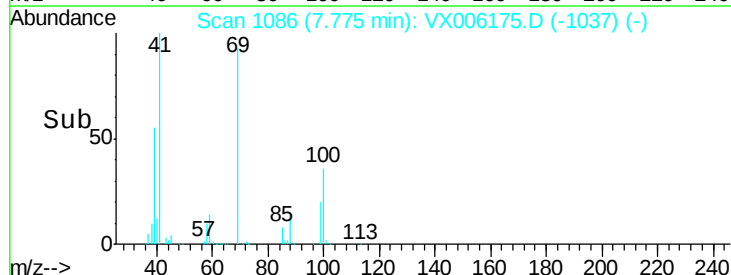
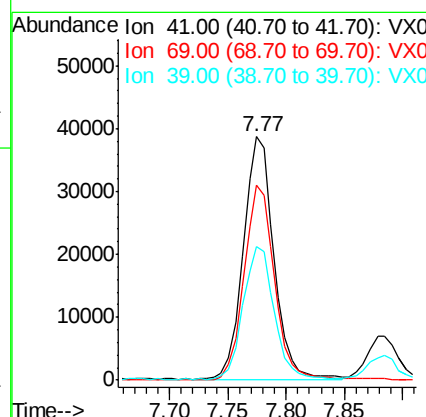
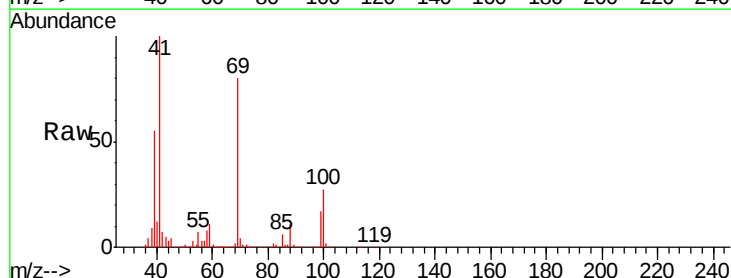
Manual Integrations
APPROVED

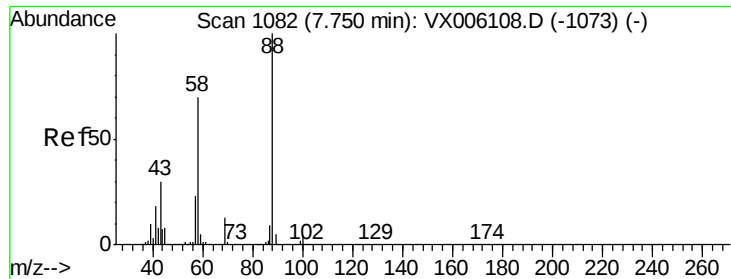
MMDadoda
11/27/2018 11:43:21 AM



#48
Methyl methacrylate
Concen: 23.16 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.4	62.8	94.2
39	54.8	43.8	65.6





#49

1,4-Dioxane

Concen: 439.18 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

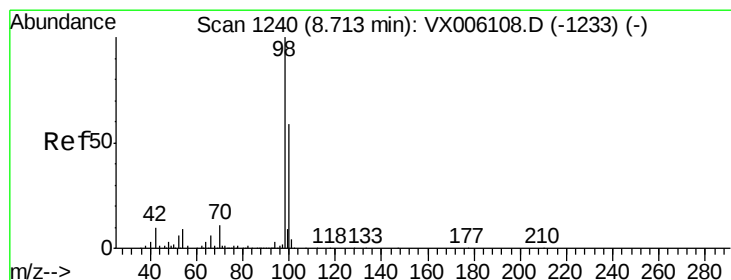
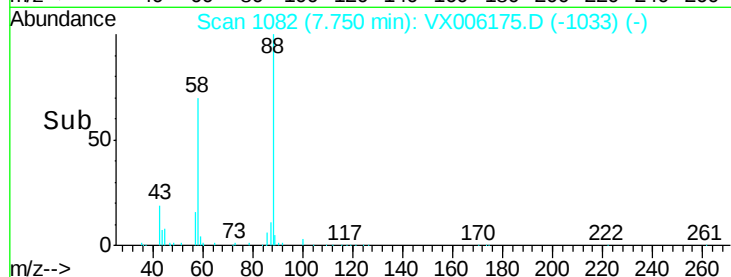
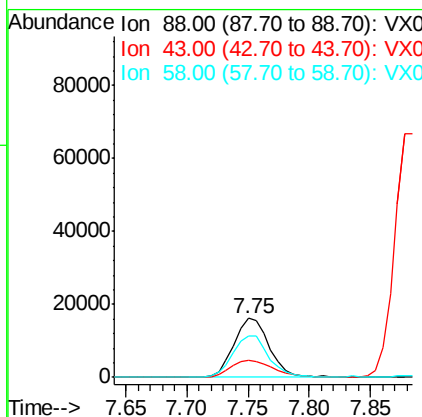
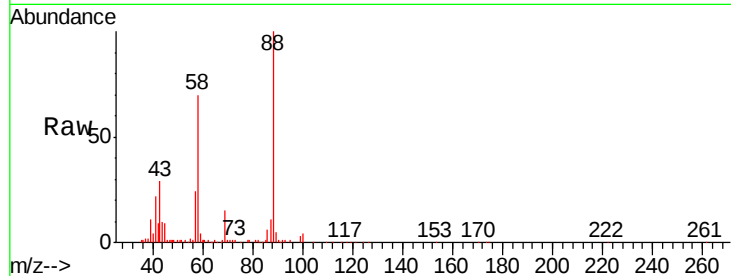
ClientSampleId :

VX1126WBSD01

Tgt Ion:	88	Resp:	32192
Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.7	40.1
58	72.9	58.5	87.7

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#50

Toluene-d8

Concen: 60.98 ug/l

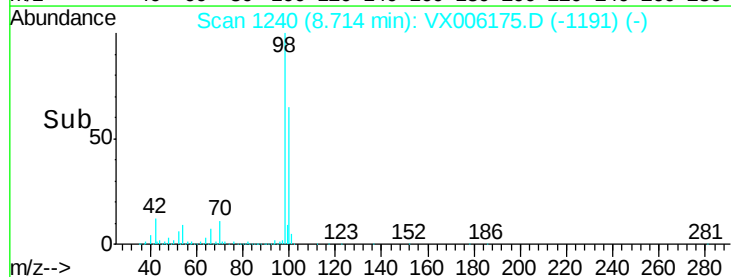
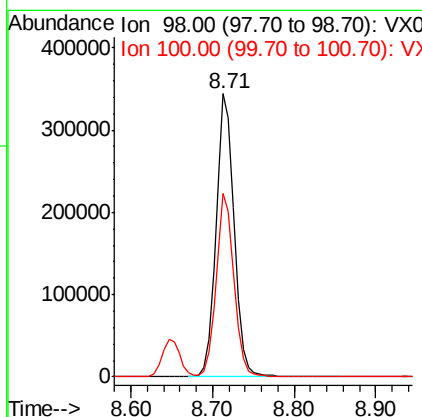
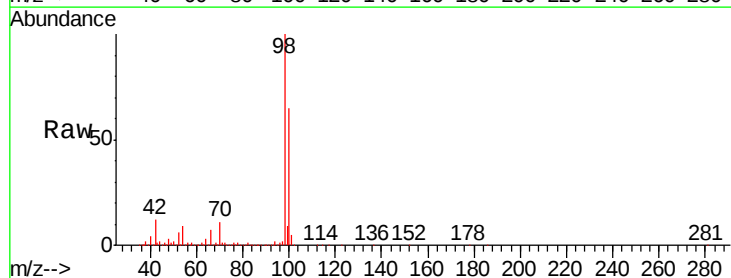
RT: 8.71 min Scan# 1240

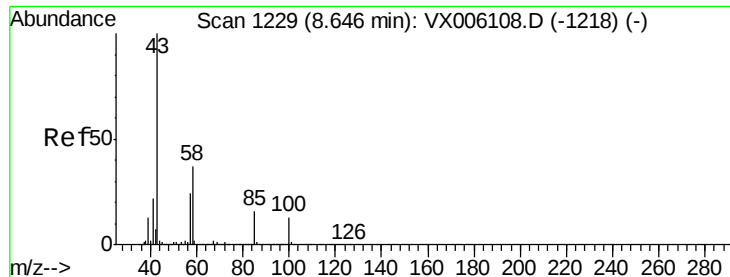
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	98	Resp:	538115
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.0	76.4





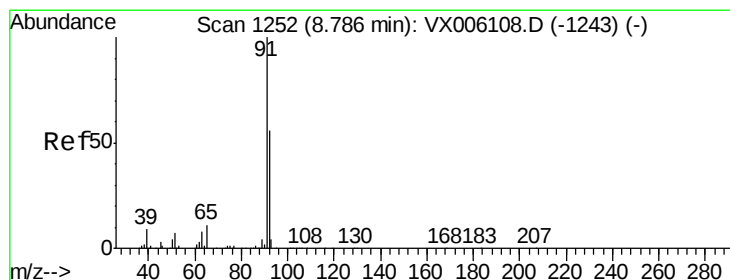
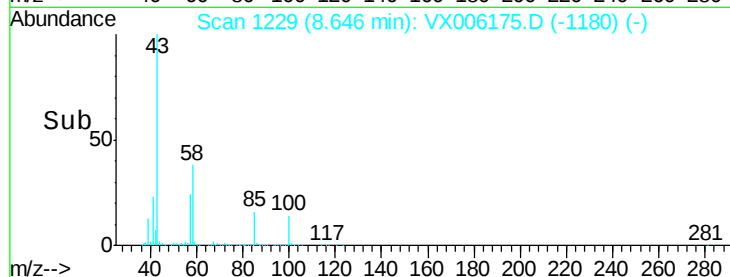
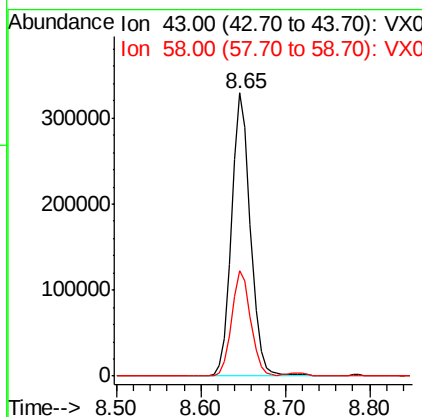
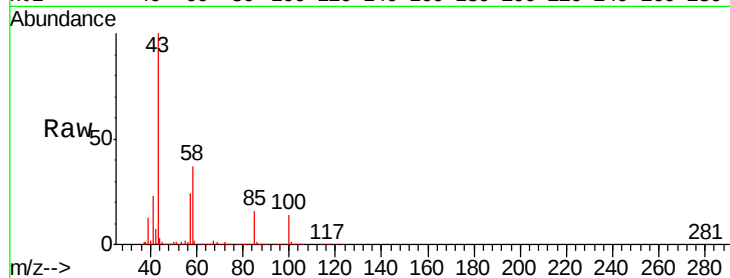
#51
4-Methyl-2-Pentanone
Concen: 115.03 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.3	29.9	44.9

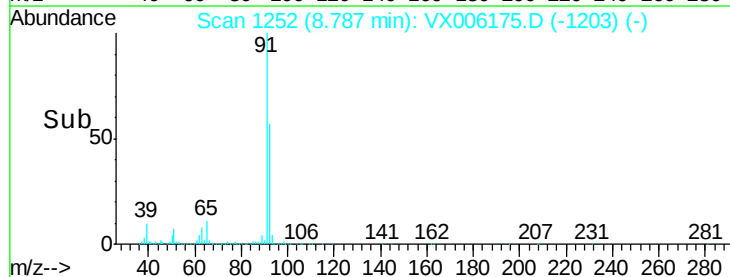
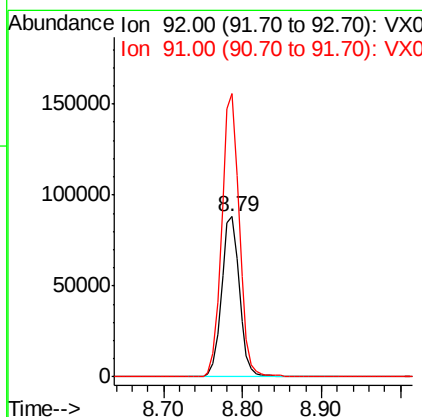
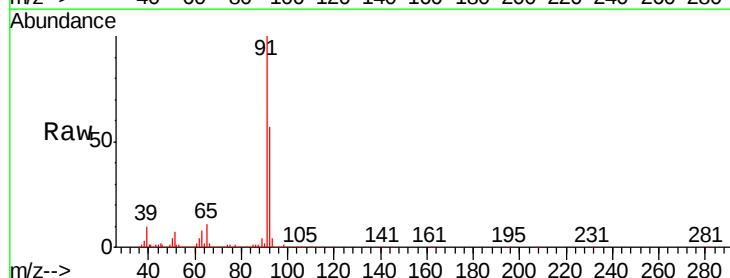
Manual Integrations
APPROVED

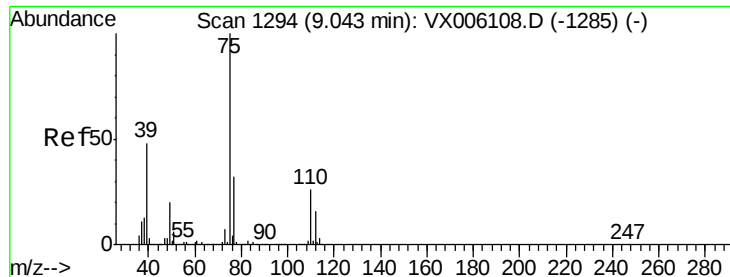
MMDadoda
11/27/2018 11:43:21 AM



#52
Toluene
Concen: 23.26 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	142.5	213.7





#53

t-1,3-Dichloropropene

Concen: 22.18 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 75 Resp: 74946

Ion Ratio Lower Upper

75 100

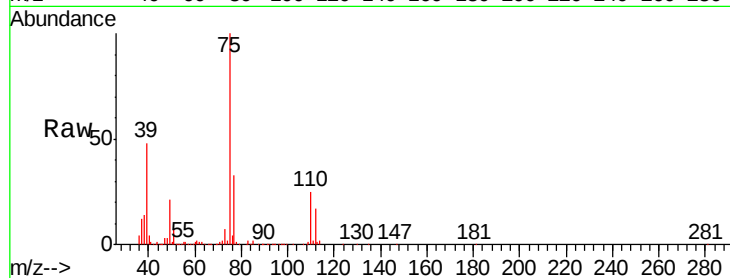
77 32.8 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

60000

50000

40000

30000

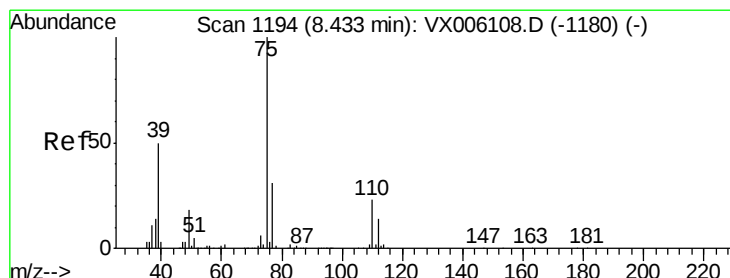
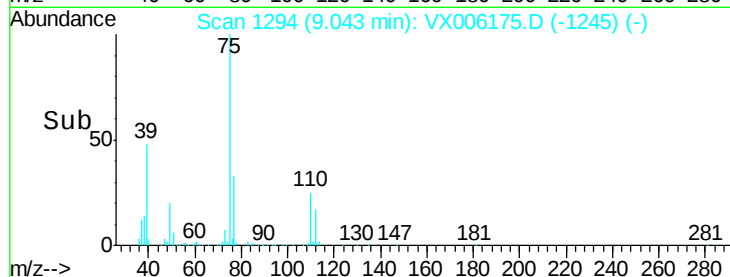
20000

10000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 22.55 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

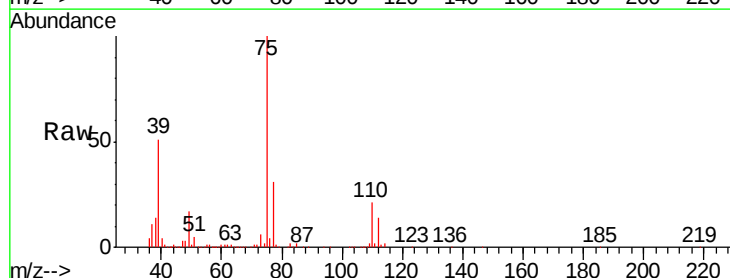
Tgt Ion: 75 Resp: 84218

Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 50.4 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

60000

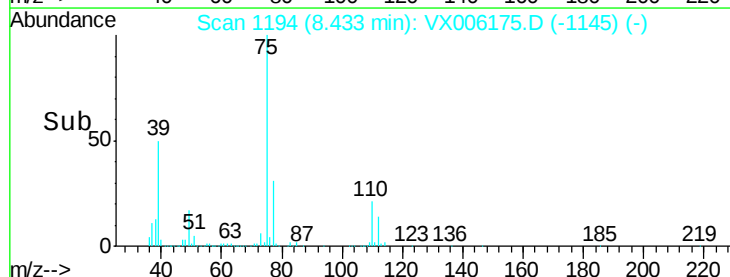
40000

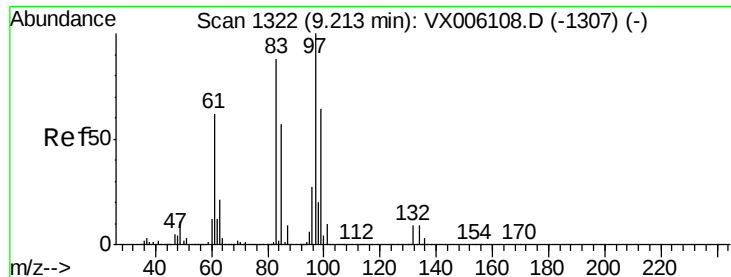
20000

0

Time-->

8.30 8.40 8.50 8.60





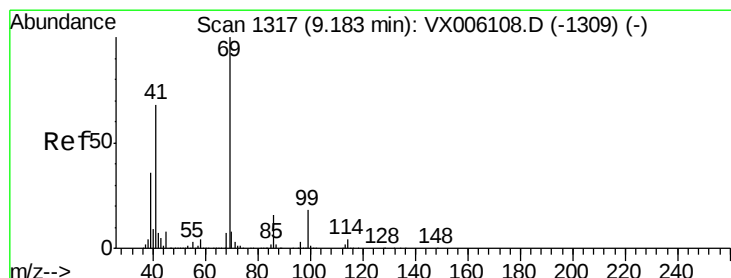
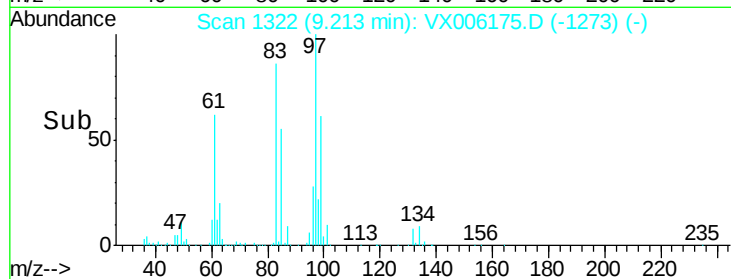
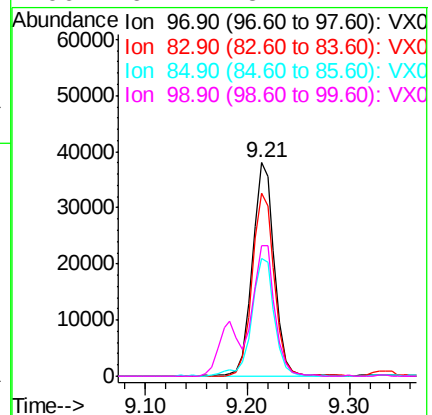
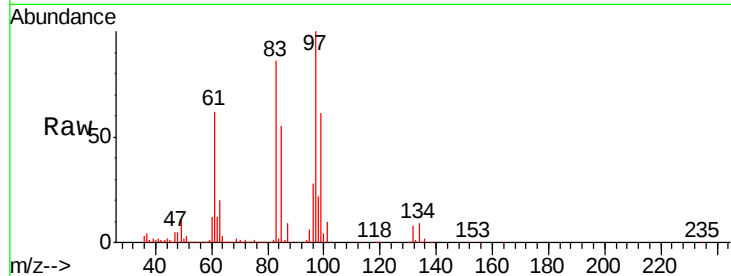
#55
 1,1,2-Trichloroethane
 Concen: 22.14 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion:	97	Resp:	57295
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.7	106.1
85	55.0	45.7	68.5
99	61.2	51.4	77.2

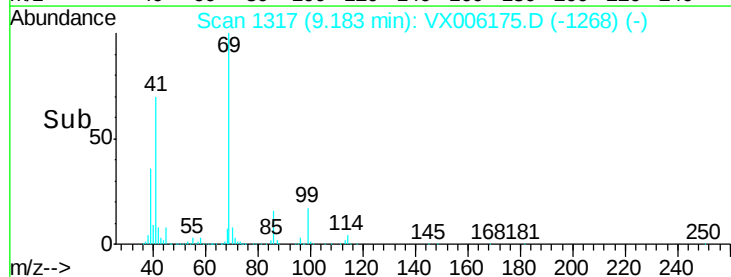
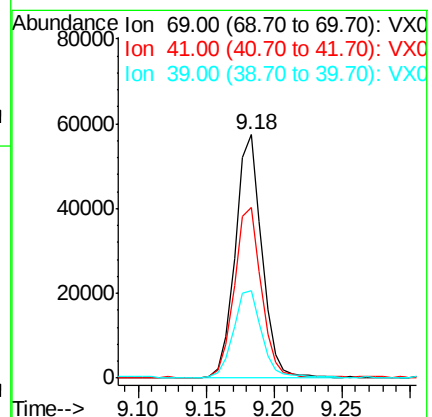
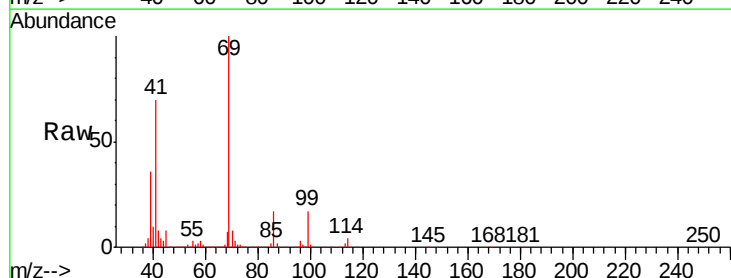
Manual Integrations
 APPROVED

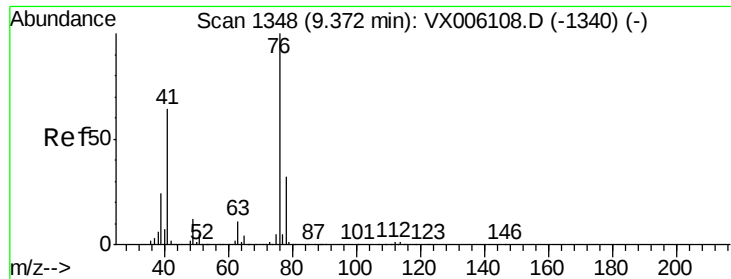
MMDadoda
 11/27/2018 11:43:21 AM



#56
 Ethyl methacrylate
 Concen: 21.15 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion:	69	Resp:	78158
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.2	84.4
39	37.8	29.4	44.0





#57

1,3-Dichloropropane

Concen: 22.30 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 76 Resp: 95107

Ion Ratio Lower Upper

76 100

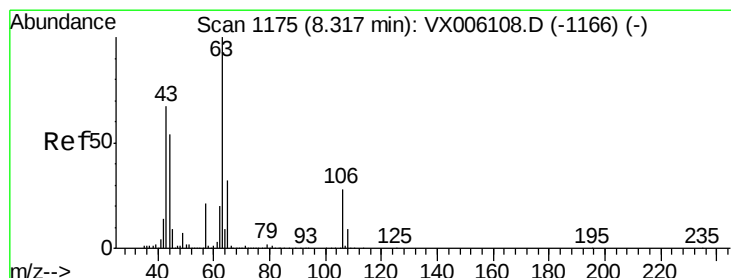
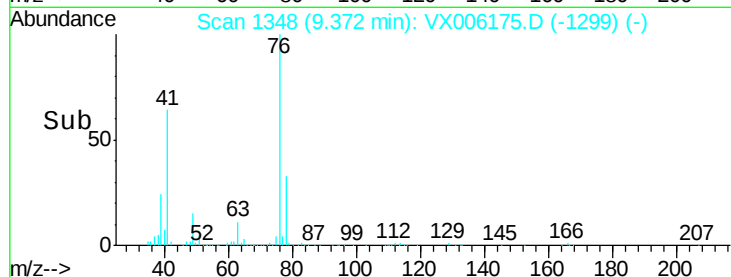
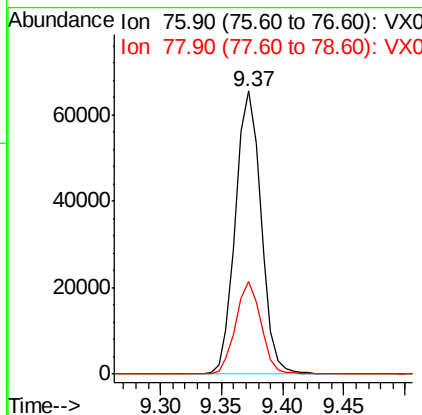
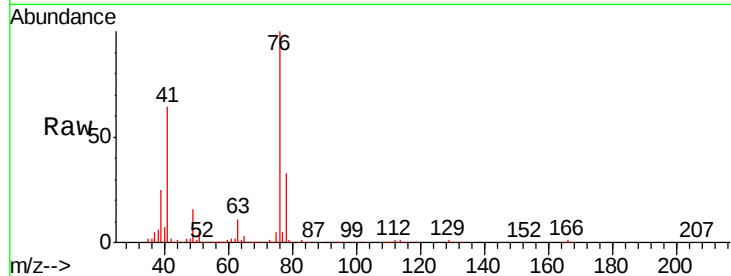
78 32.3 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#58

2-Chloroethyl Vinyl ether

Concen: 109.13 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006175.D

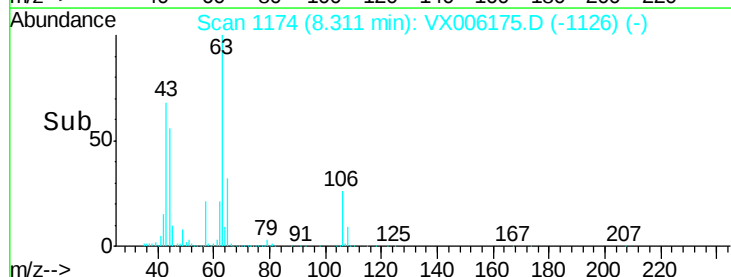
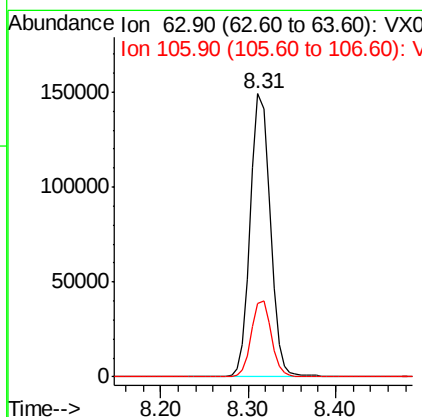
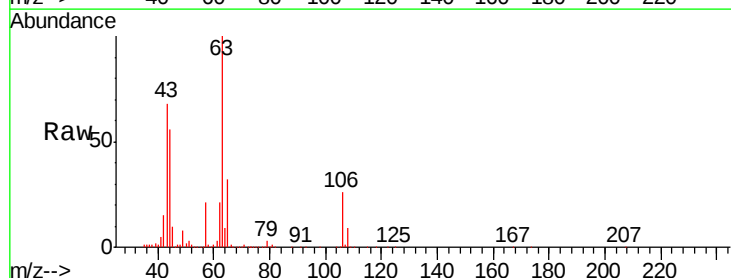
Acq: 26 Nov 2018 15:11

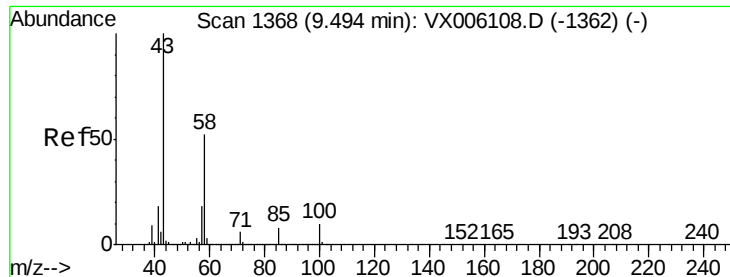
Tgt Ion: 63 Resp: 236671

Ion Ratio Lower Upper

63 100

106 26.8 21.7 32.5





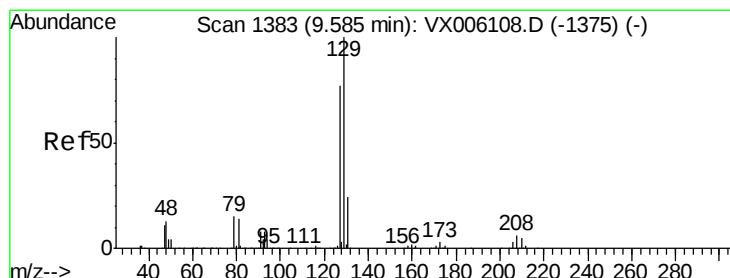
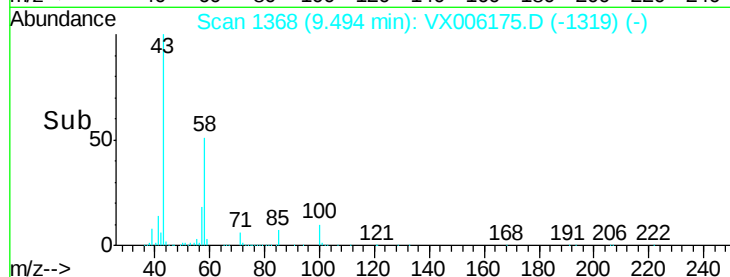
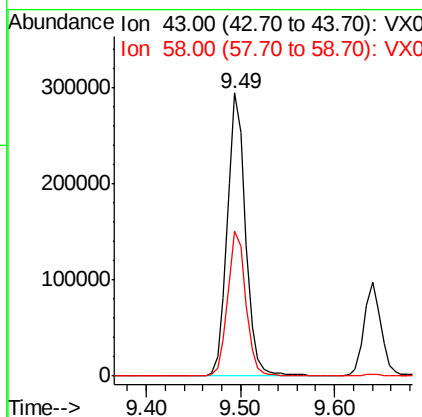
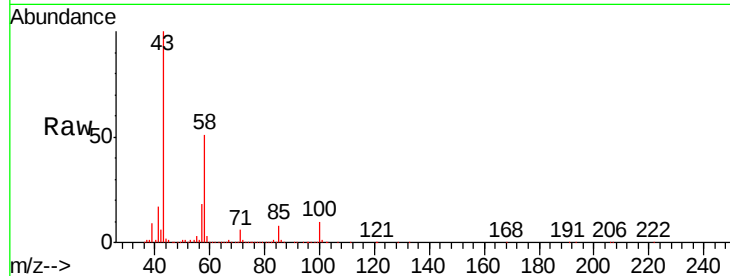
#59
2-Hexanone
Concen: 114.32 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion: 43 Resp: 396217
Ion Ratio Lower Upper
43 100
58 51.3 26.3 78.9

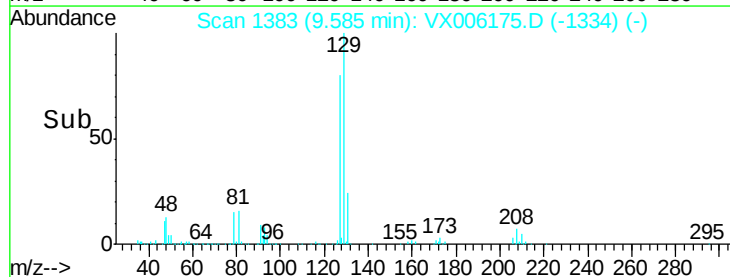
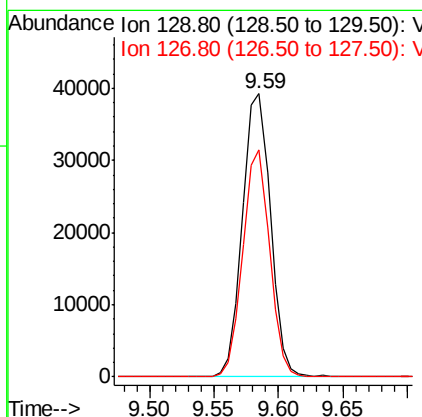
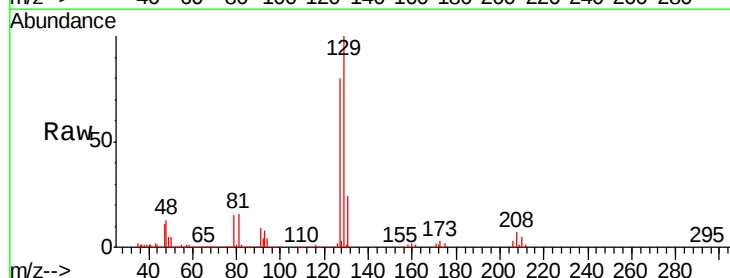
Manual Integrations
APPROVED

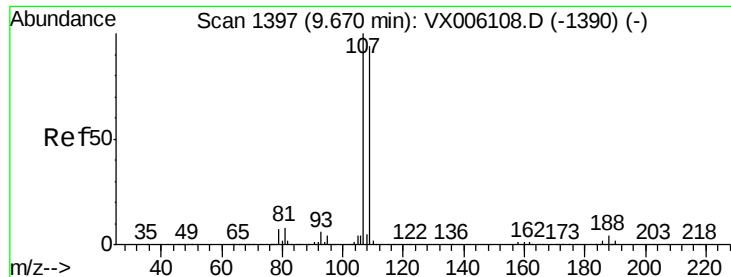
MMDadoda
11/27/2018 11:43:21 AM



#60
Dibromochloromethane
Concen: 23.33 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion: 129 Resp: 59178
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5





#61

1,2-Dibromoethane

Concen: 22.67 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 107 Resp: 60423

Ion Ratio Lower Upper

107 100

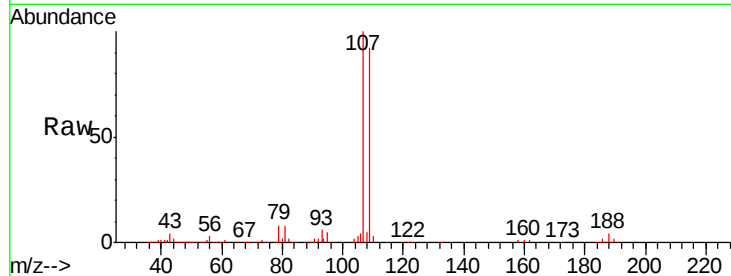
109 94.4 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

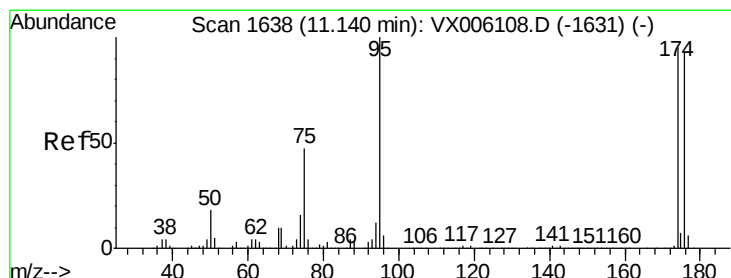
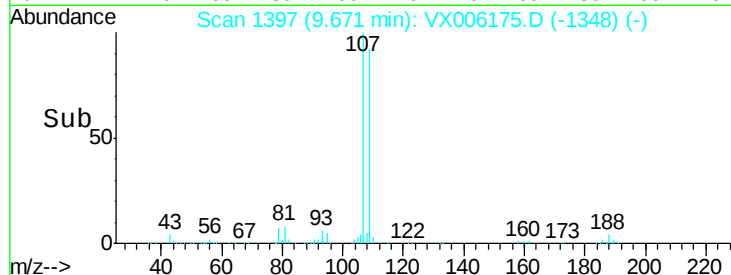
20000

10000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 58.75 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

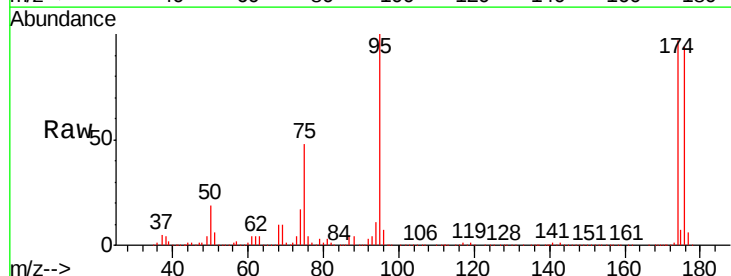
Tgt Ion: 95 Resp: 194509

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

176 89.3 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

150000

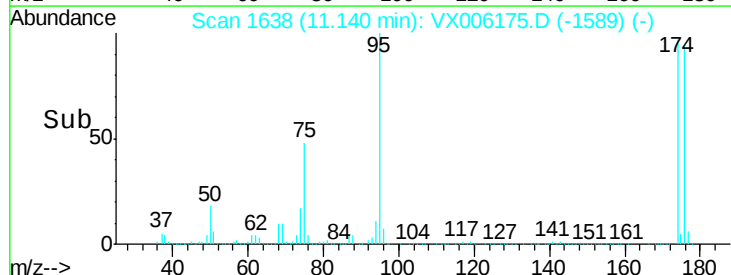
100000

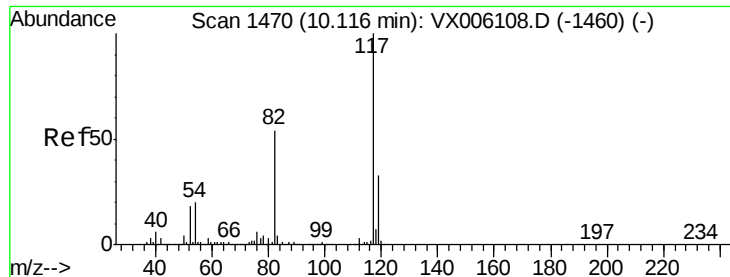
50000

0

11.05 11.10 11.15 11.20

Time-->





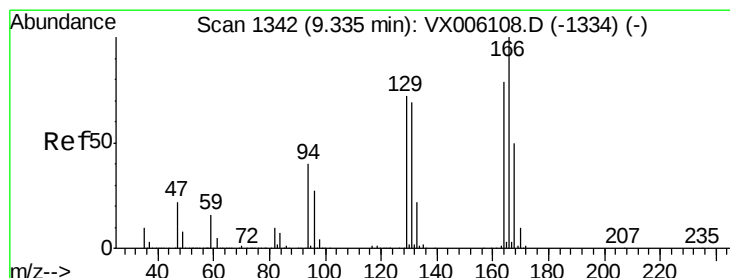
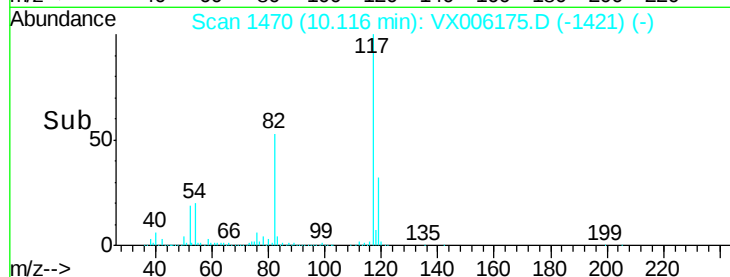
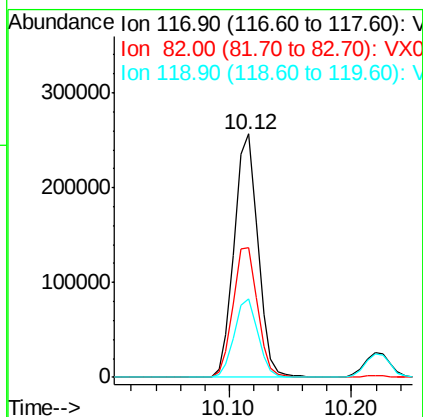
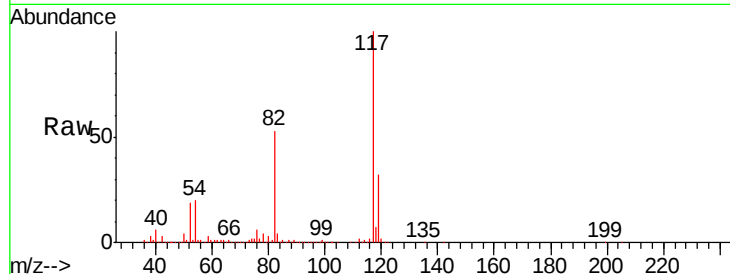
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	343984		
82	53.1	43.0	64.4	
119	32.5	26.1	39.1	

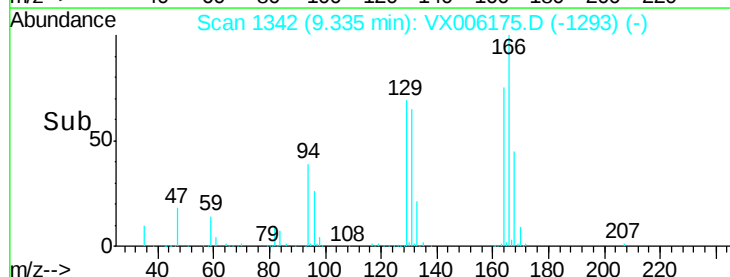
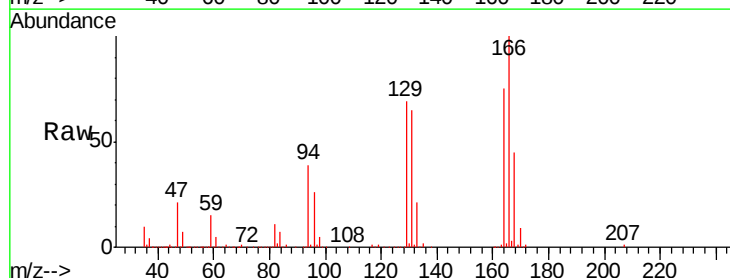
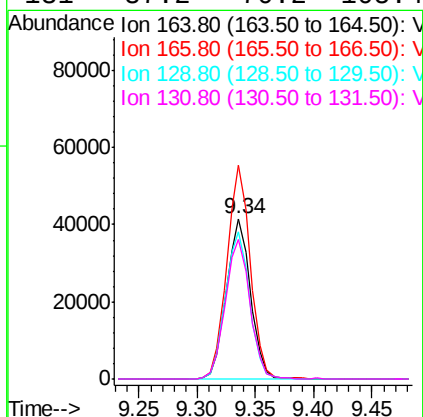
Manual Integrations
APPROVED

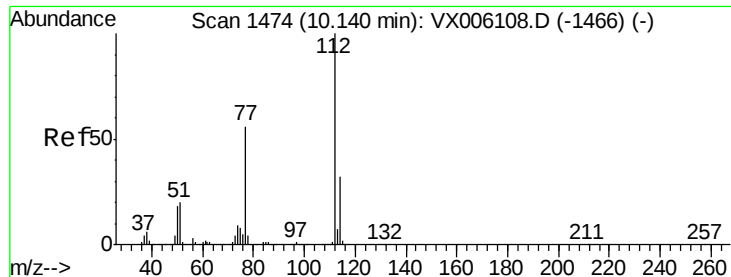
MMDadoda
11/27/2018 11:43:21 AM



#64
Tetrachloroethene
Concen: 21.04 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59548		
166	133.1	101.5	152.3	
129	91.6	73.4	110.0	
131	87.2	70.2	105.4	





#65

Chlorobenzene

Concen: 21.75 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion:112 Resp: 153437

Ion Ratio Lower Upper

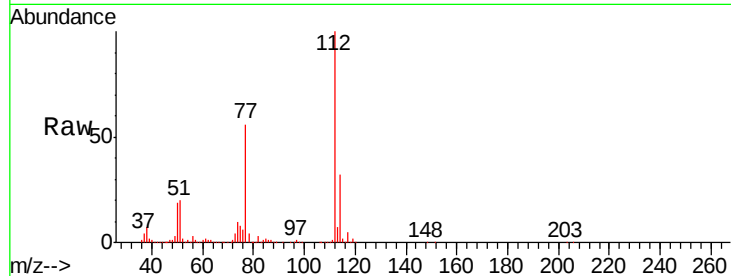
112 100

114 32.2 25.6 38.4

Manual Integrations
APPROVED

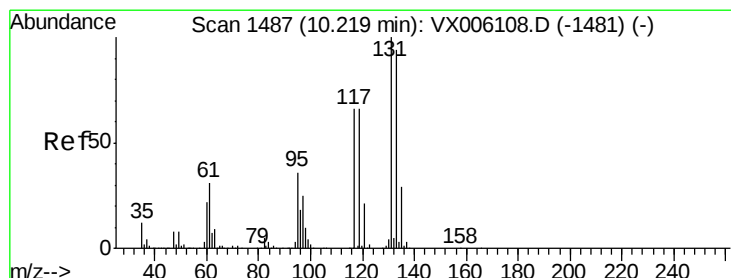
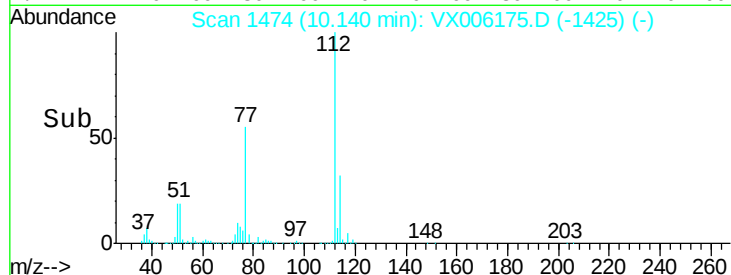
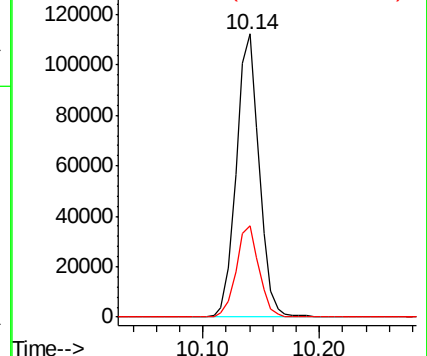
MMDadoda

11/27/2018 11:43:21 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: 22.62 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

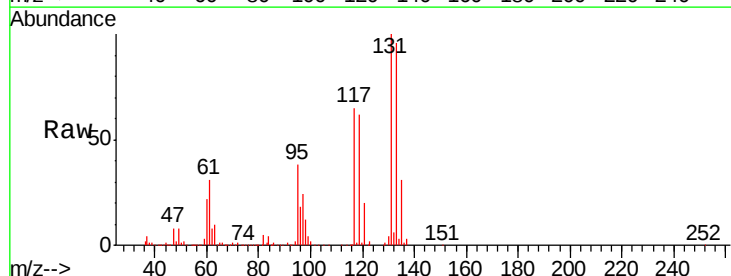
Tgt Ion:131 Resp: 54789

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

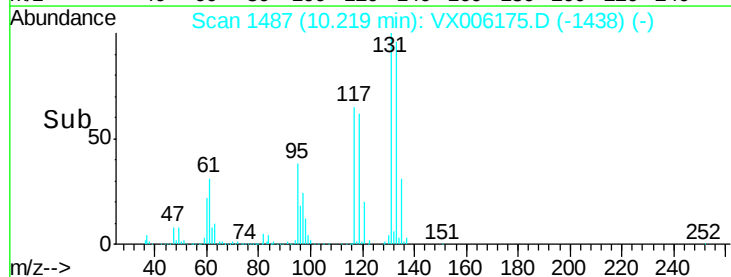
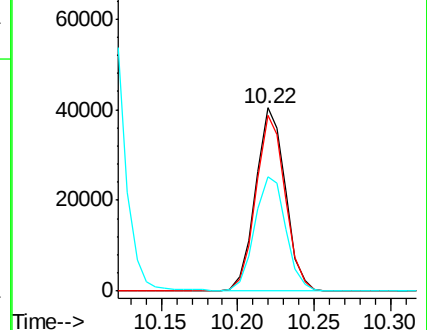
119 65.2 32.6 97.8

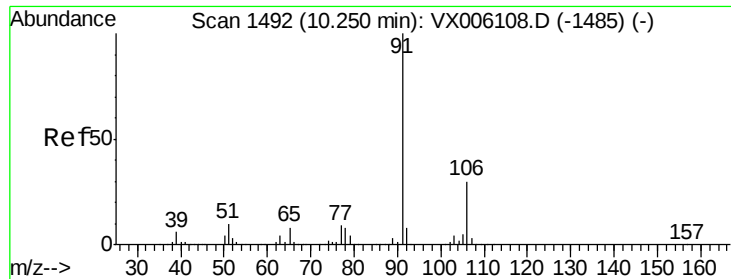


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.89 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 91 Resp: 252860

Ion Ratio Lower Upper

91 100

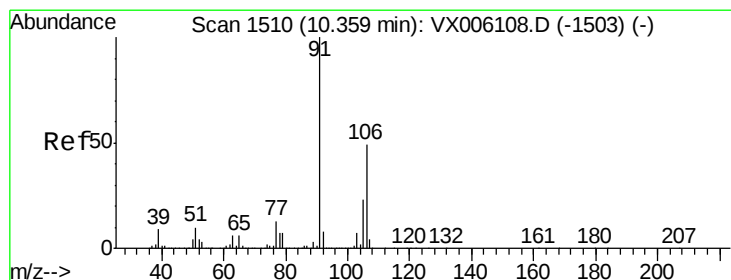
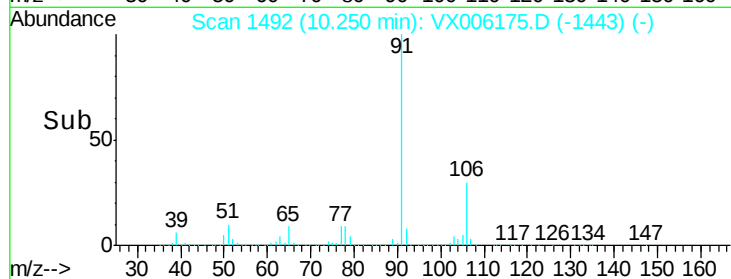
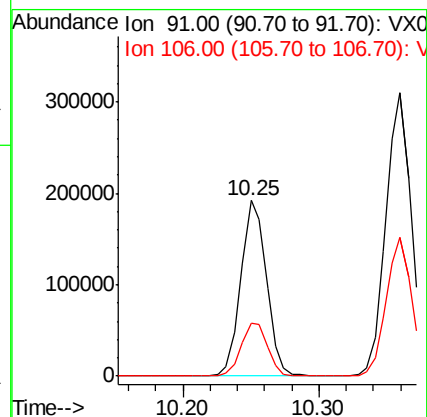
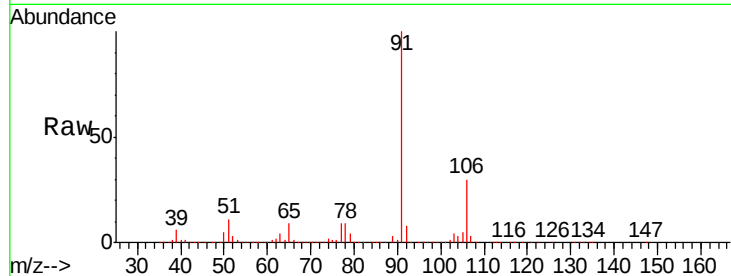
106 30.3 24.4 36.6

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#68

m/p-Xylenes

Concen: 44.18 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006175.D

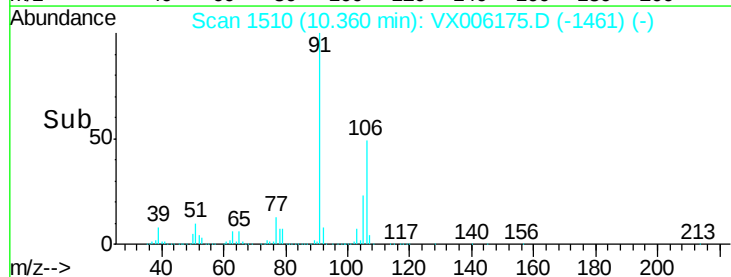
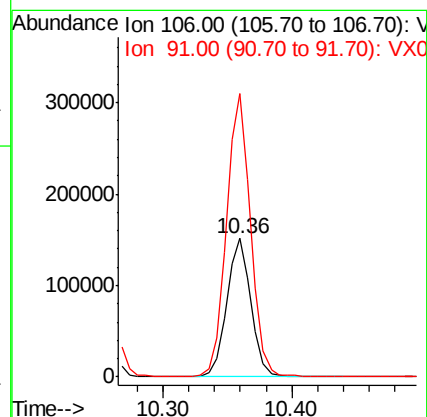
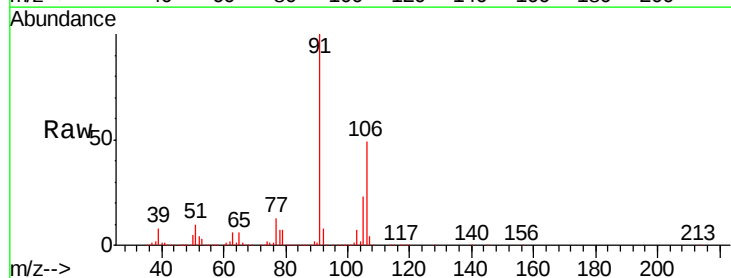
Acq: 26 Nov 2018 15:11

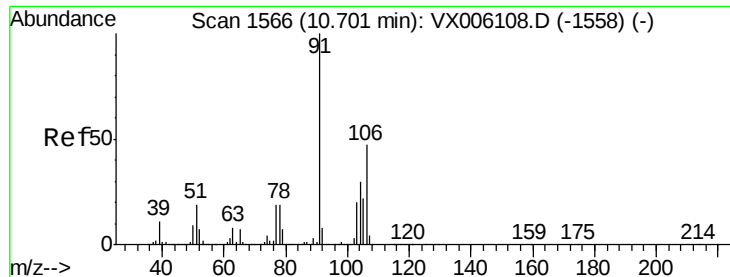
Tgt Ion: 106 Resp: 198767

Ion Ratio Lower Upper

106 100

91 205.1 162.0 243.0





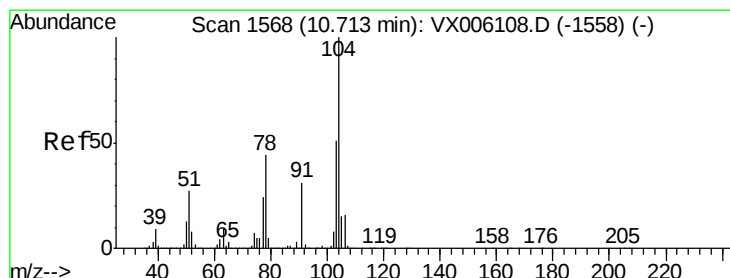
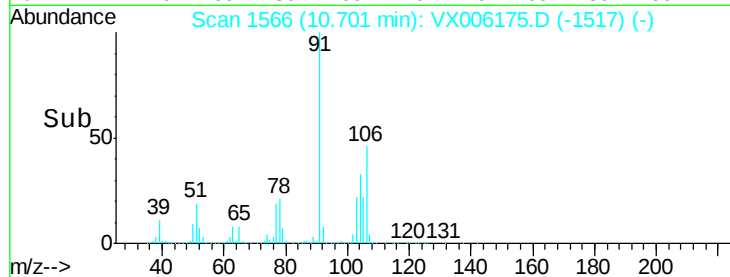
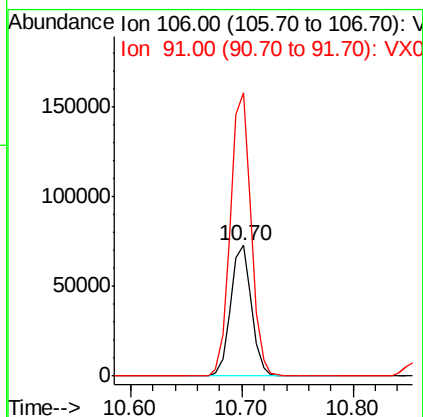
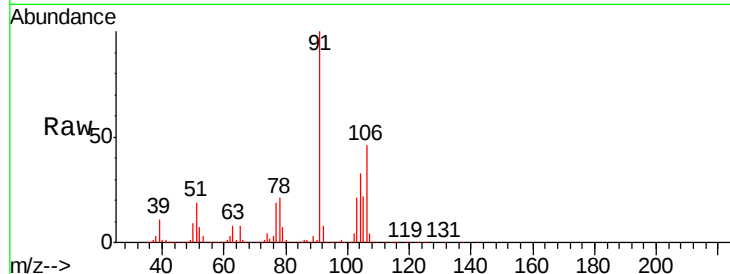
#69
o-Xylene
Concen: 21.91 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampled :
VX1126WBSD01

Tgt Ion:106 Resp: 94131
Ion Ratio Lower Upper
106 100
91 215.4 107.4 322.2

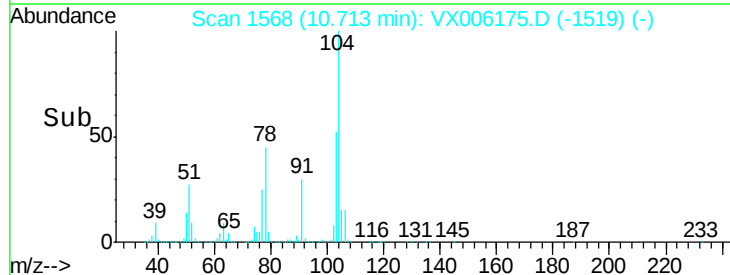
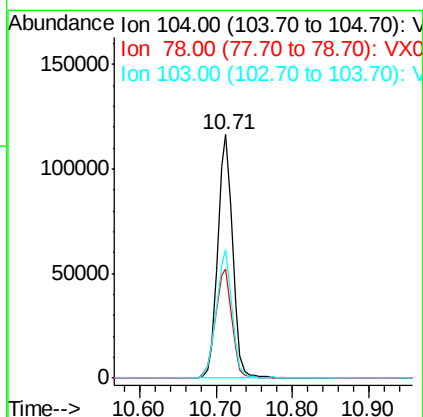
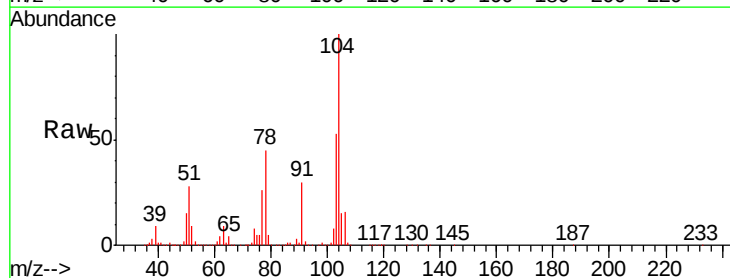
Manual Integrations
APPROVED

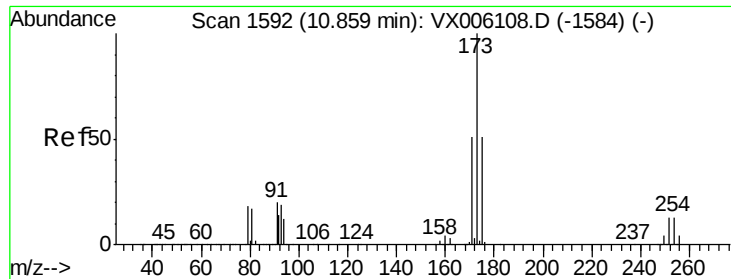
MMDadoda
11/27/2018 11:43:21 AM



#70
Styrene
Concen: 22.36 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion:104 Resp: 156638
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.2
103 55.6 44.6 67.0





#71

Bromoform

Concen: 21.80 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion:173 Resp: 47271

Ion Ratio Lower Upper

173 100

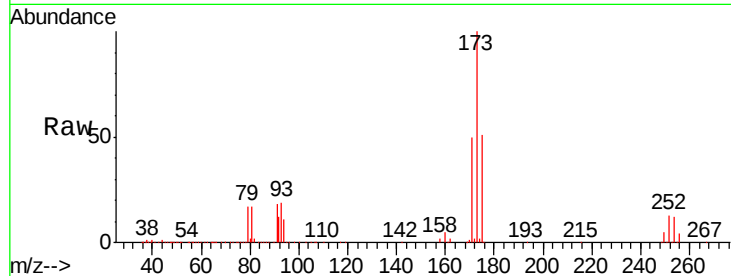
175 49.8 24.9 74.6

254 0.2 0.2 0.2

Manual Integrations
APPROVED

MMDadoda

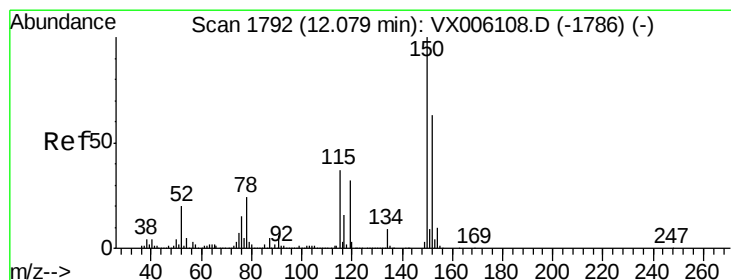
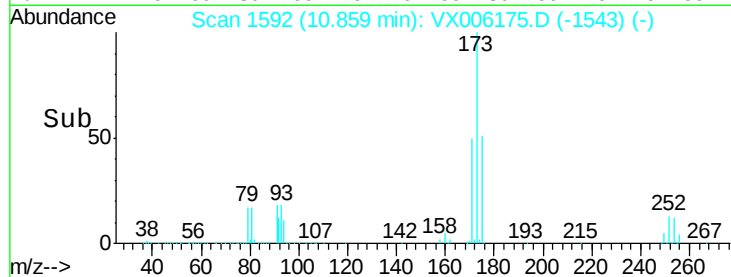
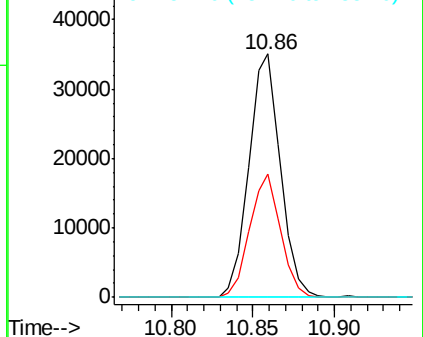
11/27/2018 11:43:21 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

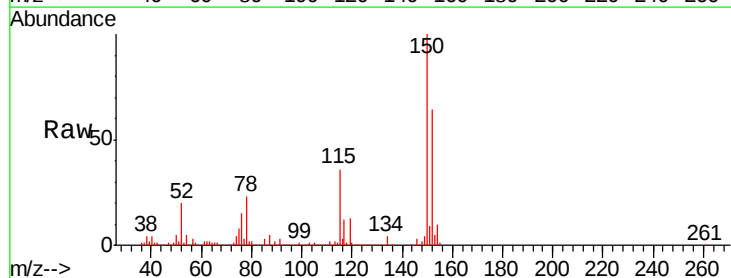
Tgt Ion:152 Resp: 187669

Ion Ratio Lower Upper

152 100

115 65.7 39.0 116.9

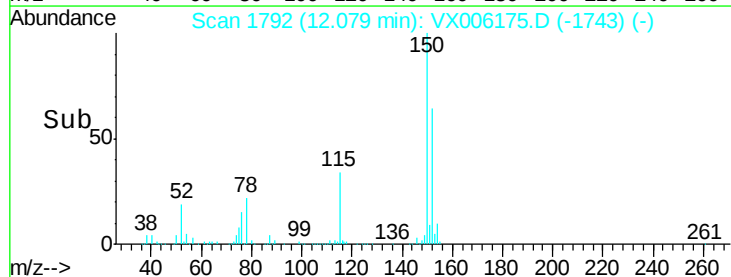
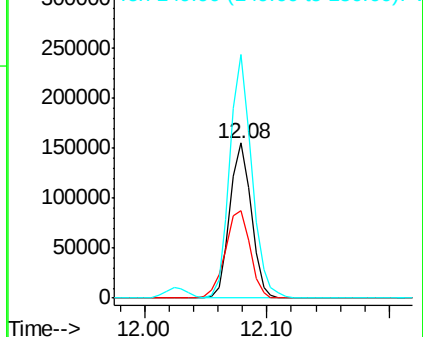
150 160.7 0.0 346.6

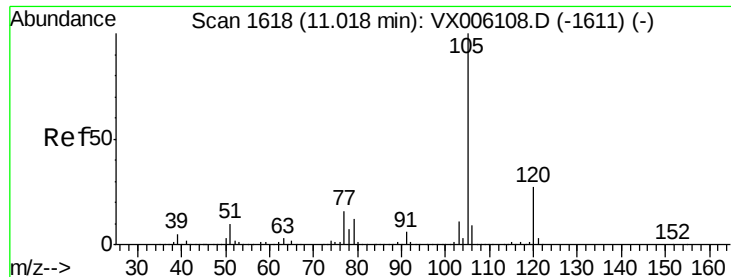


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.93 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 105 Resp: 260320

Ion Ratio Lower Upper

105 100

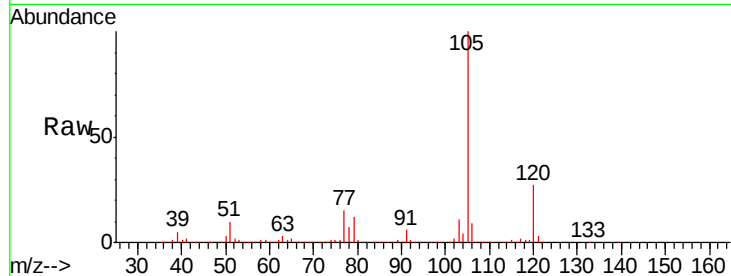
120 26.6 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

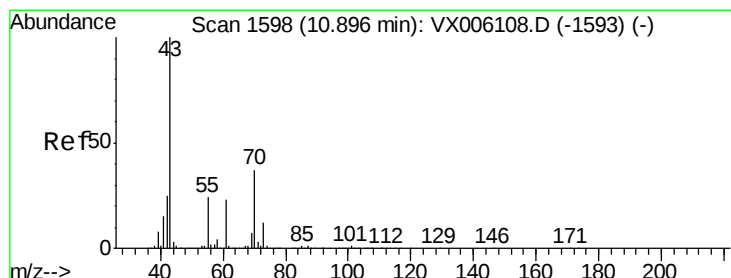
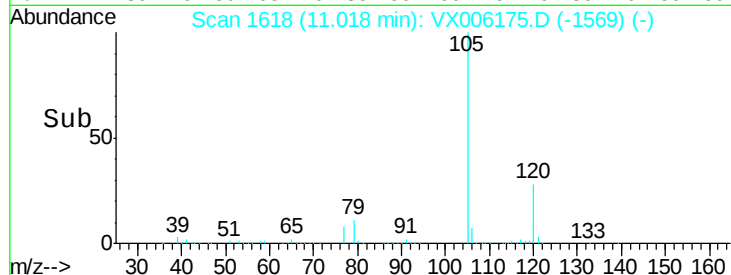
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 21.03 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion: 43 Resp: 114051

Ion Ratio Lower Upper

43 100

70 39.6 31.8 47.6

55 25.2 19.5 29.3

61 23.2 18.6 27.8

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

150000

100000

50000

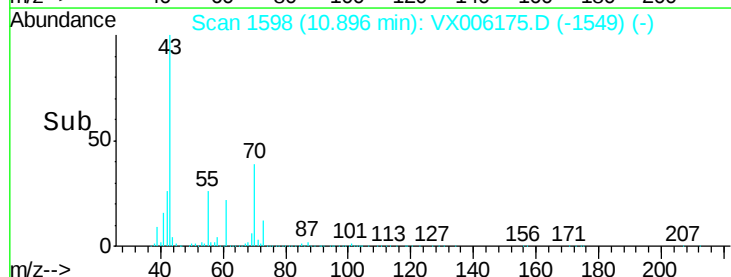
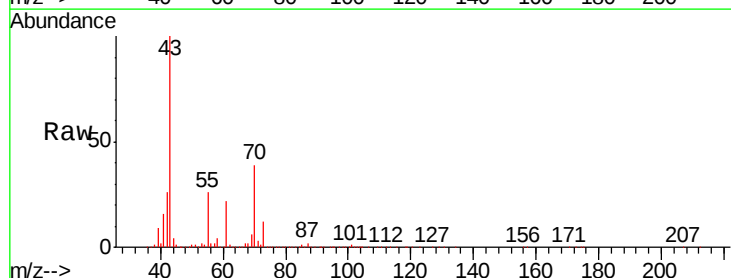
0

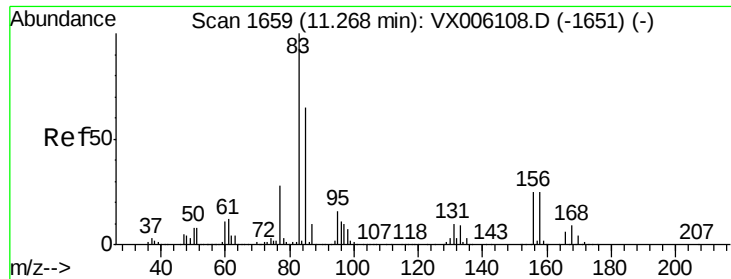
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.00 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 83 Resp: 94125
Ion Ratio Lower Upper

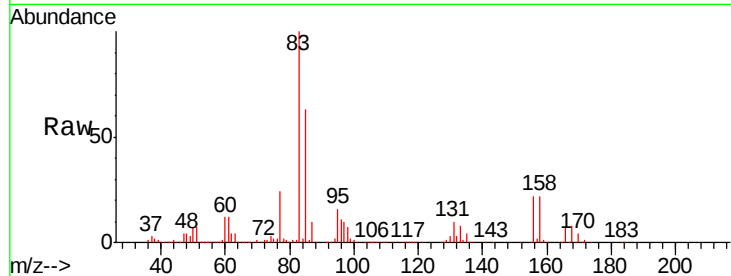
83 100

131 10.5 5.2 15.6

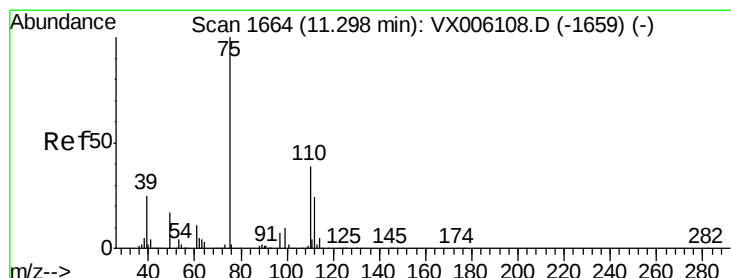
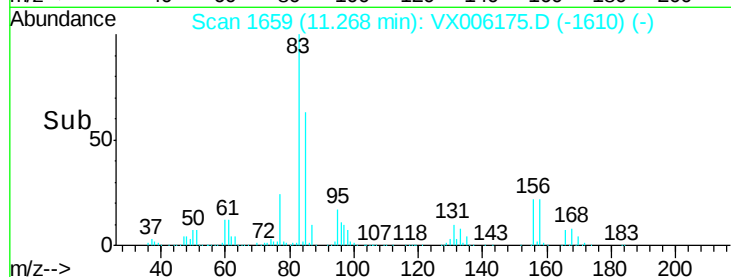
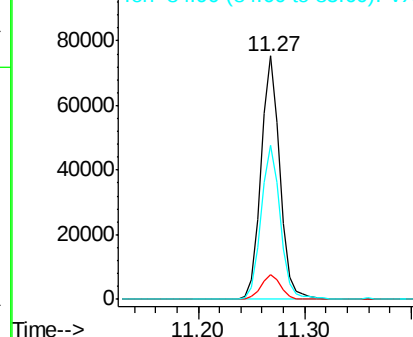
85 64.6 32.6 97.8

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



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



#76

1,2,3-Trichloropropane

Concen: 23.10 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

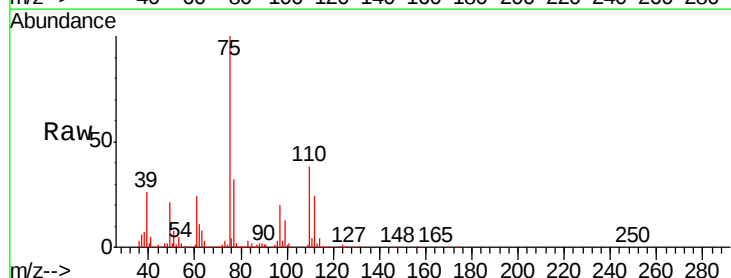
Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

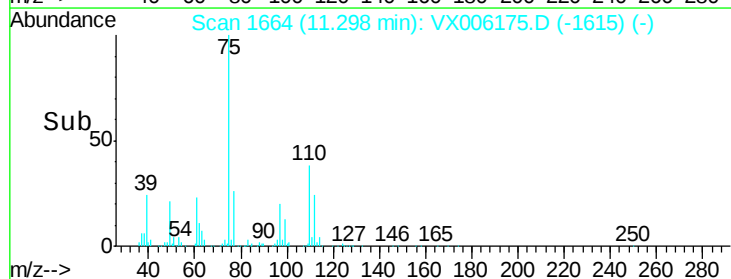
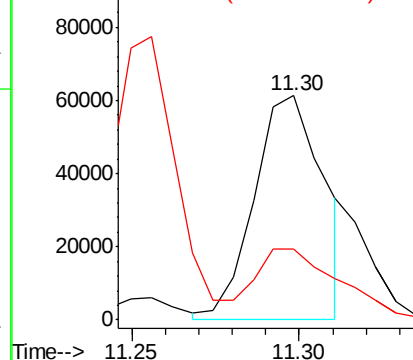
Tgt Ion: 75 Resp: 89257
Ion Ratio Lower Upper

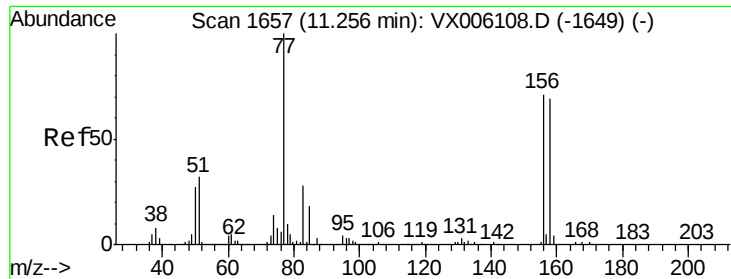
75 100

77 37.4 19.6 58.7



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





#77

Bromobenzene

Concen: 22.33 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

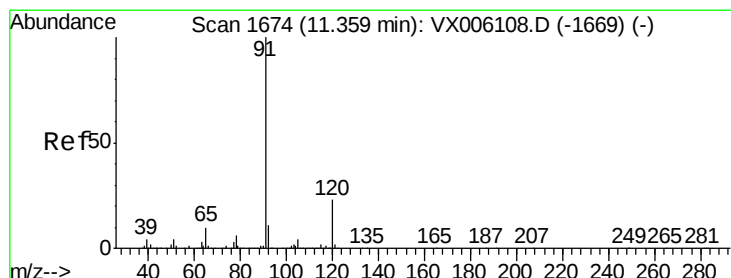
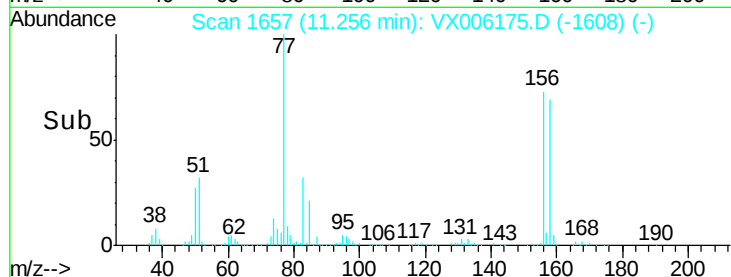
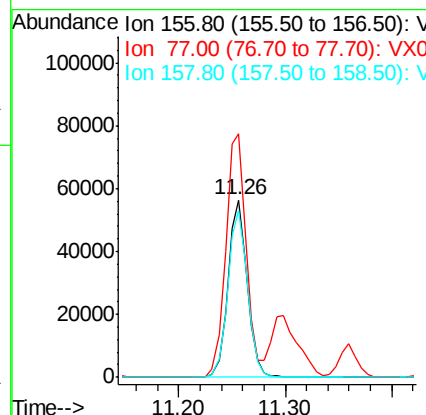
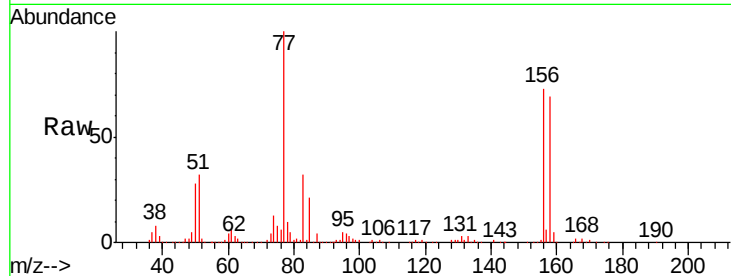
ClientSampleId :

VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	146.5	74.3	222.8
158	97.0	49.0	147.0

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#78

n-propylbenzene

Concen: 22.68 ug/l

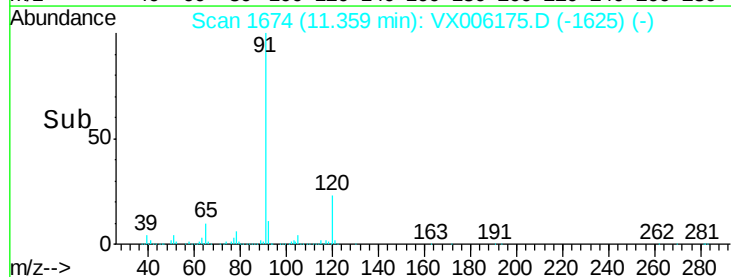
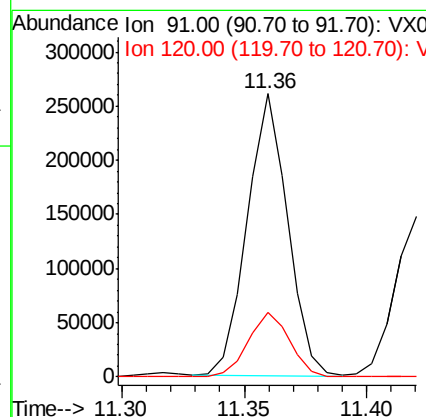
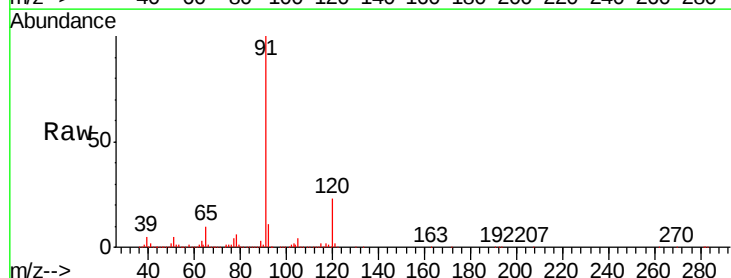
RT: 11.36 min Scan# 1674

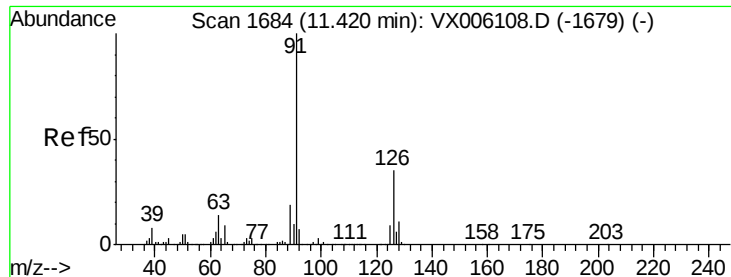
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 22.49 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 91 Resp: 179914

Ion Ratio Lower Upper

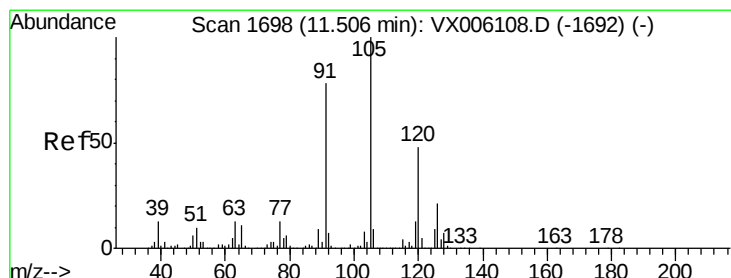
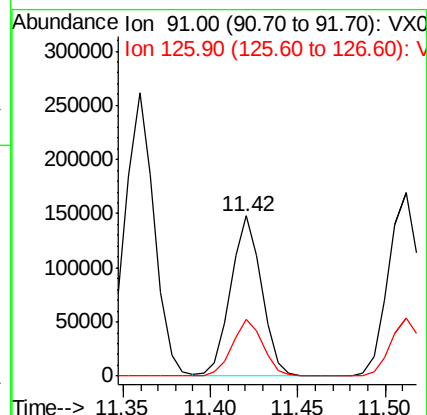
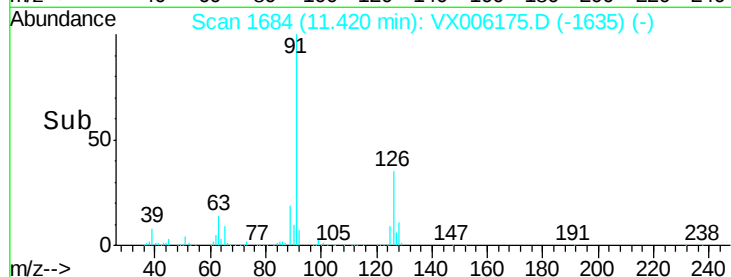
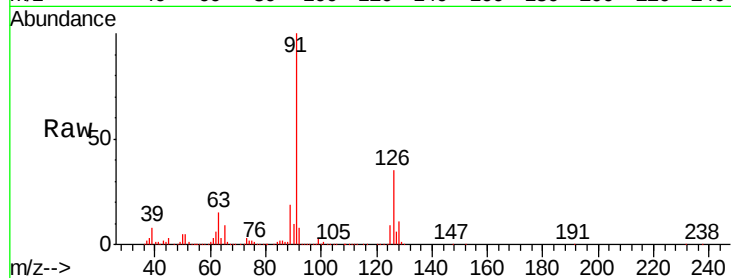
91 100

126 35.3 17.6 52.9

Manual Integrations
APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#80

1,3,5-Trimethylbenzene

Concen: 22.86 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006175.D

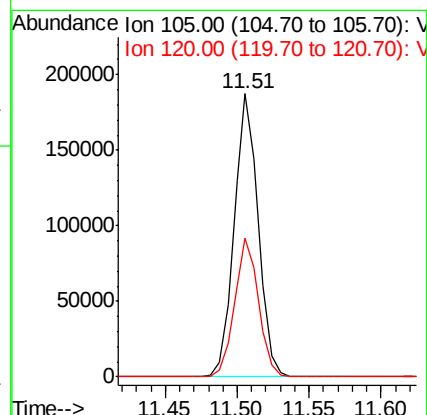
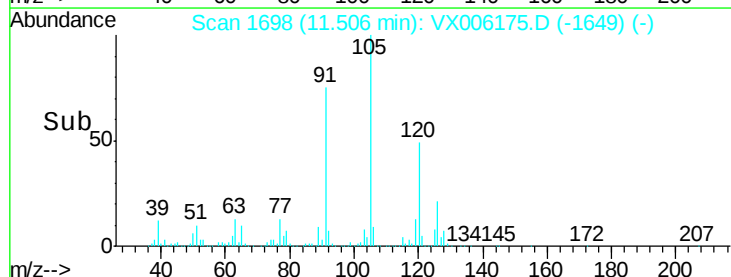
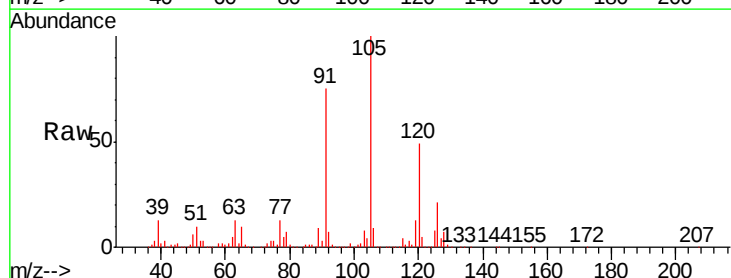
Acq: 26 Nov 2018 15:11

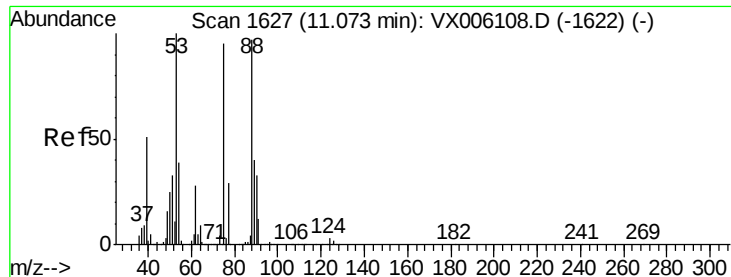
Tgt Ion: 105 Resp: 218816

Ion Ratio Lower Upper

105 100

120 49.1 24.3 73.0





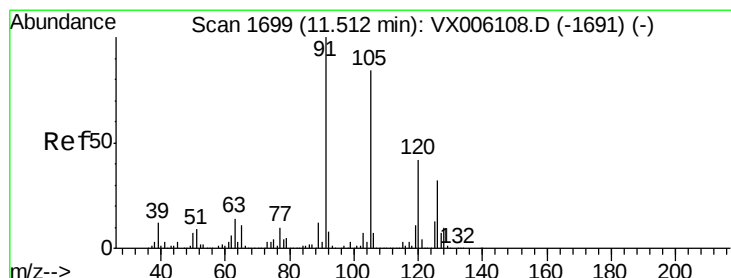
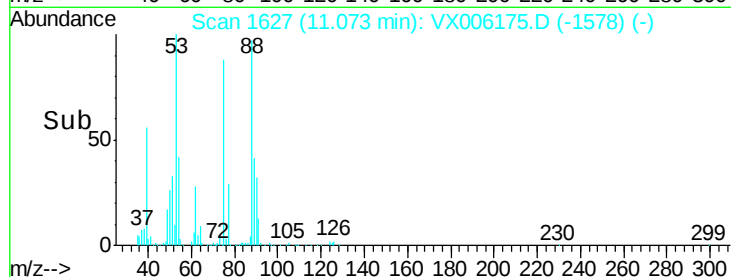
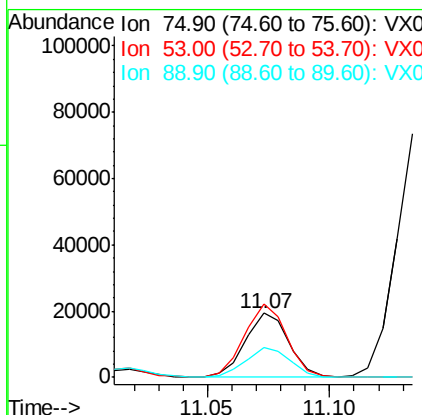
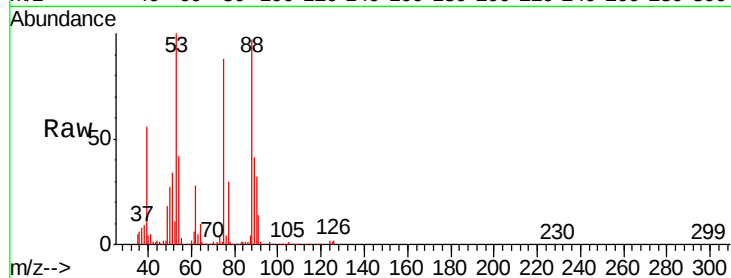
#81
trans-1,4-Dichloro-2-butene
Concen: 21.31 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.2	85.3	127.9
89	47.9	37.2	55.8

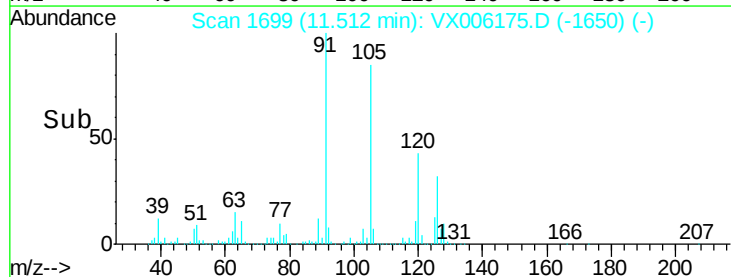
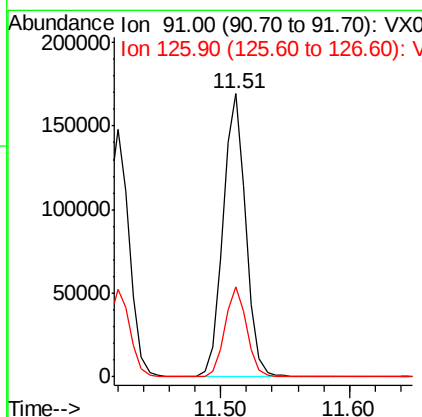
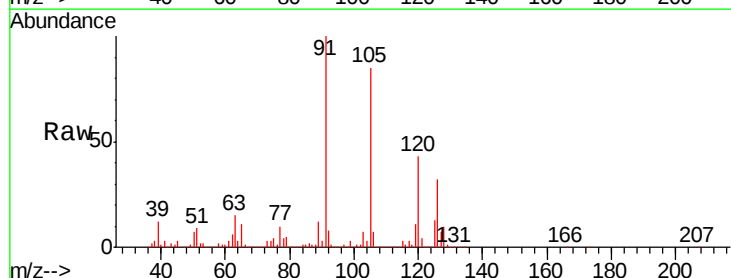
Manual Integrations
APPROVED

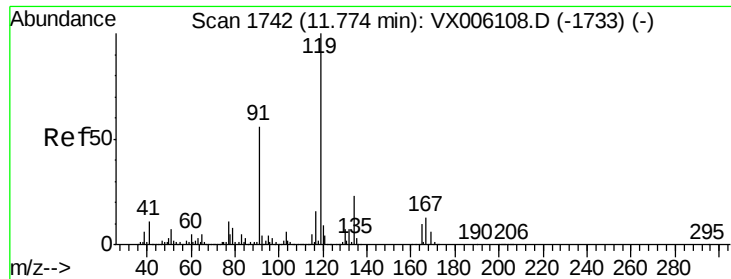
MMDadoda
11/27/2018 11:43:21 AM



#82
4-Chlorotoluene
Concen: 22.47 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.9





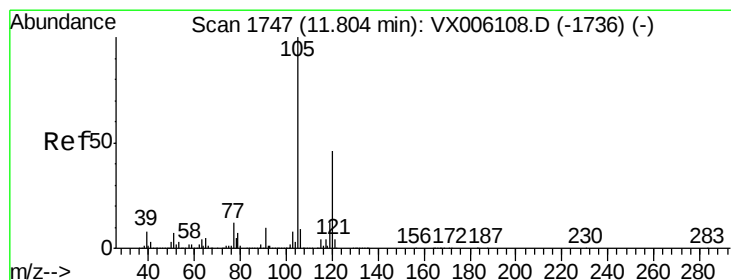
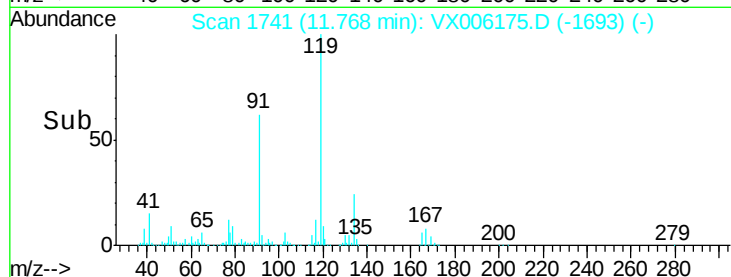
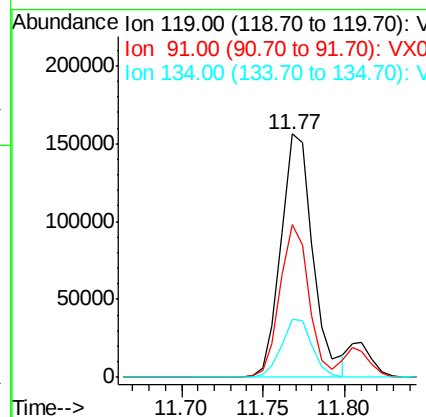
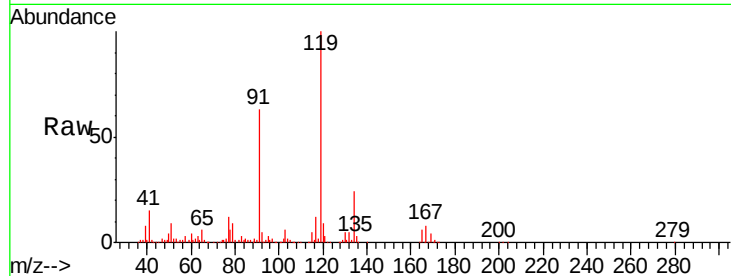
#83
 tert-Butylbenzene
 Concen: 22.79 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	213046		
91	57.2	28.2	84.6	
134	23.1	11.5	34.4	

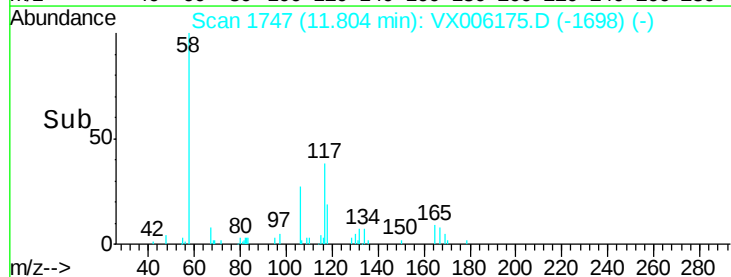
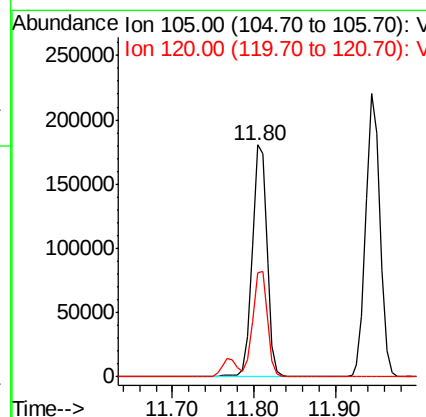
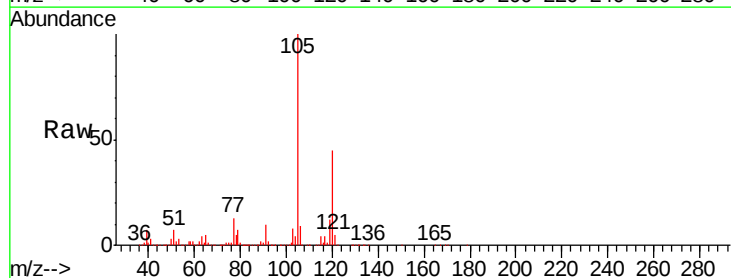
Manual Integrations
 APPROVED

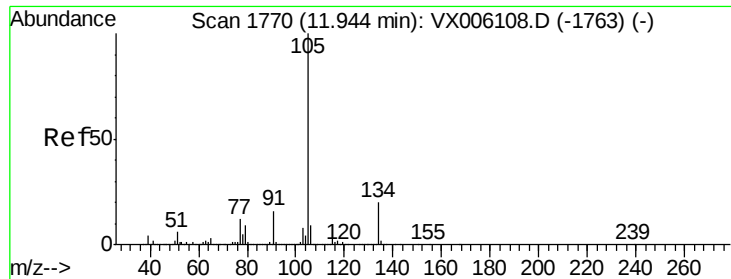
MMDadoda
 11/27/2018 11:43:21 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 23.18 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226411		
120	44.8	22.7	68.0	





#85

sec-Butylbenzene

Concen: 22.87 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion:105 Resp: 261427

Ion Ratio Lower Upper

105 100

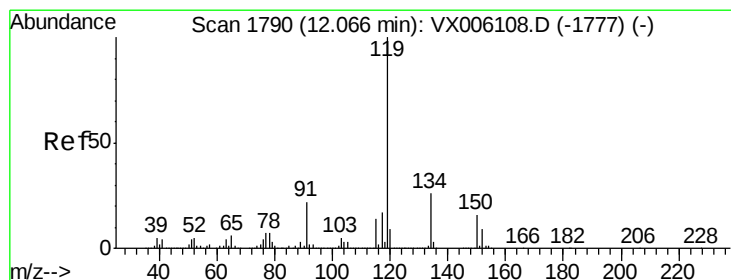
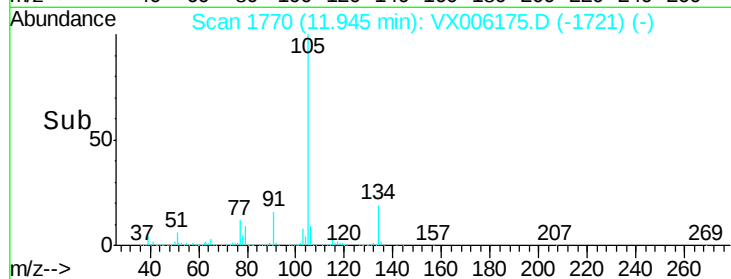
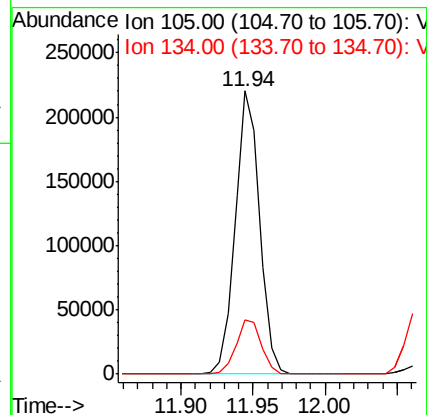
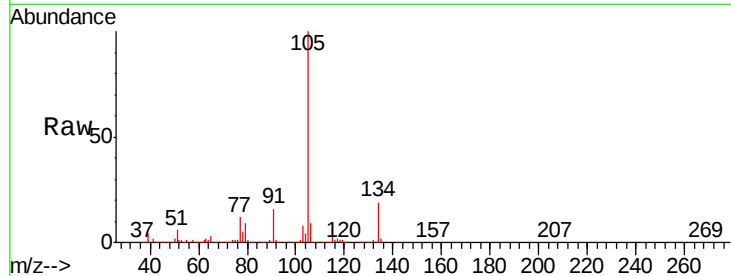
134 19.9 10.4 31.1

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:21 AM



#86

p-Isopropyltoluene

Concen: 22.66 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

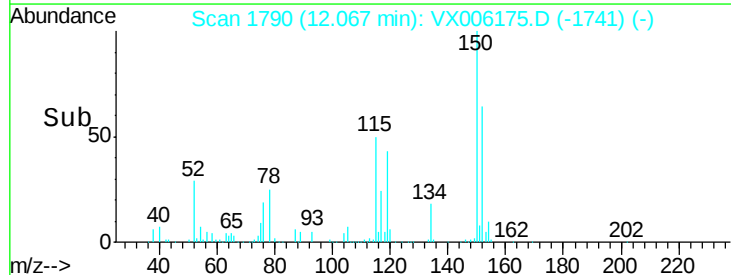
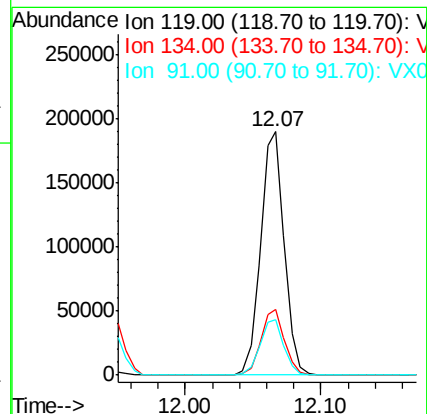
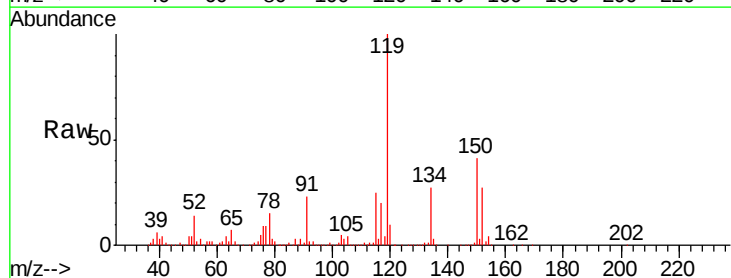
Tgt Ion:119 Resp: 230956

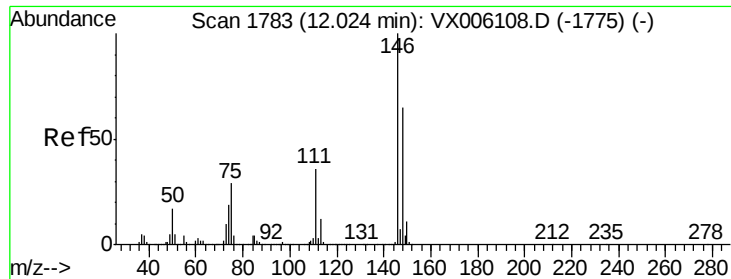
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.1 11.3 33.9





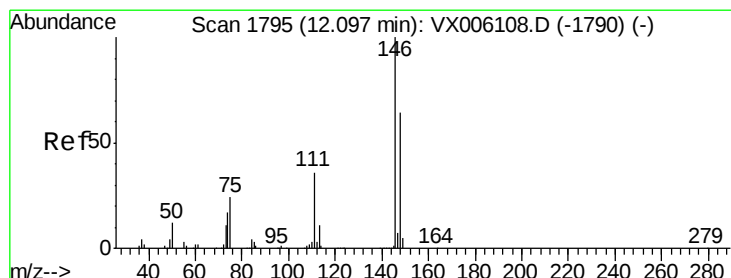
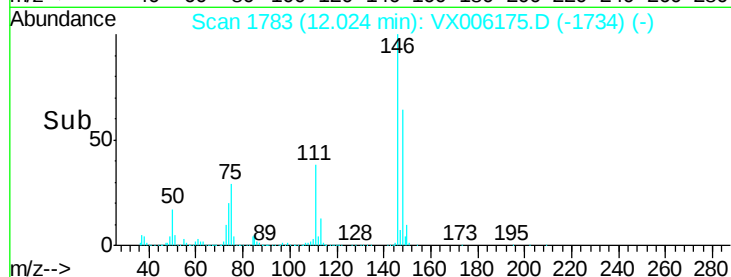
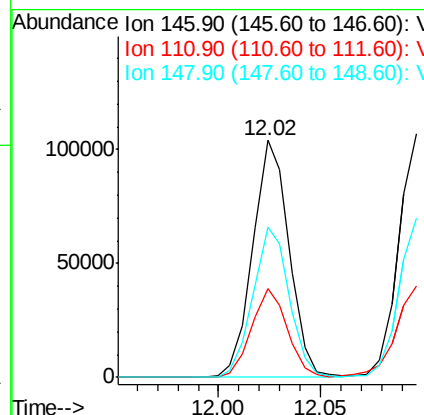
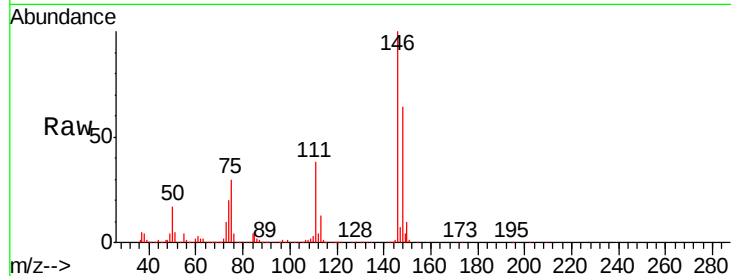
#87
 1,3-Dichlorobenzene
 Concen: 21.99 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128980		
111	37.0	18.8	56.3	
148	63.6	32.2	96.6	

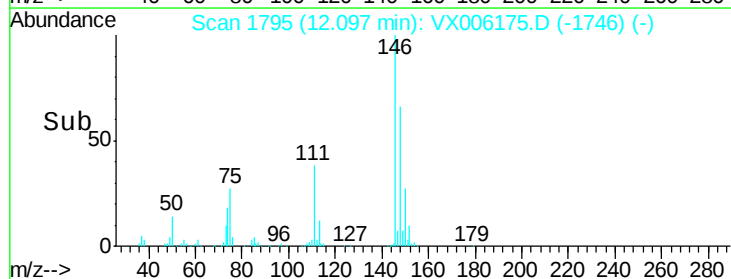
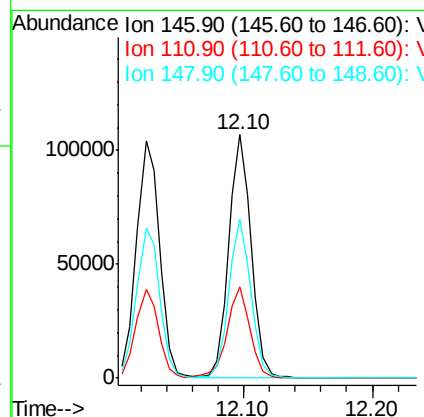
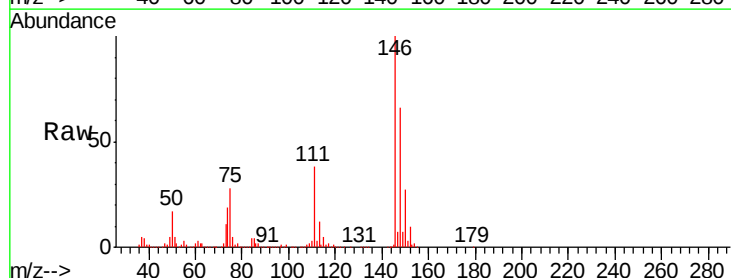
Manual Integrations
 APPROVED

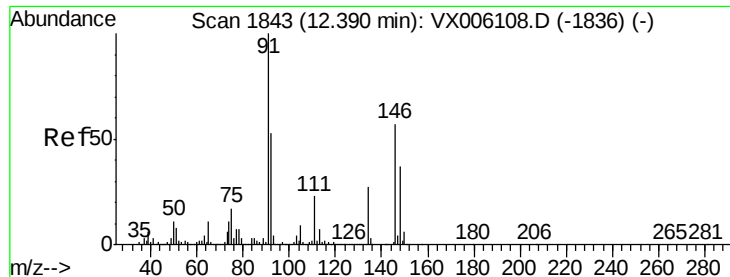
MMDadoda
 11/27/2018 11:43:21 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.48 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130585		
111	38.7	18.3	54.9	
148	64.6	32.2	96.6	





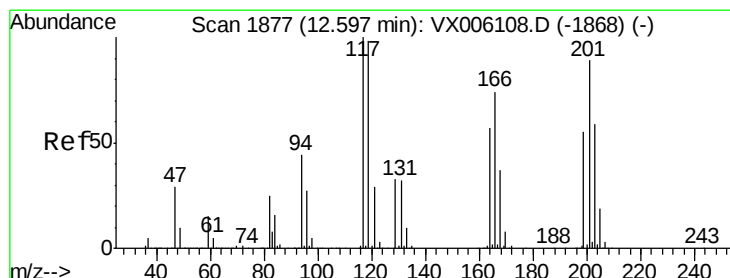
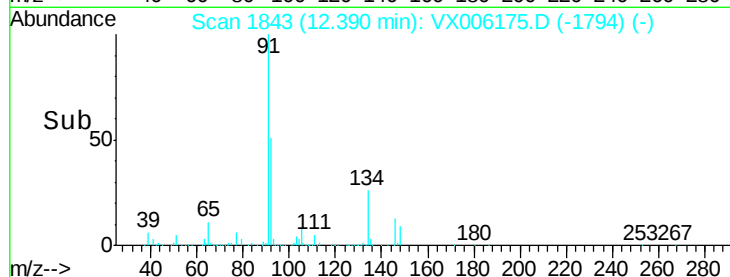
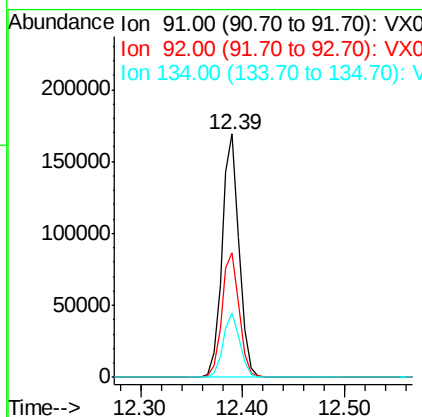
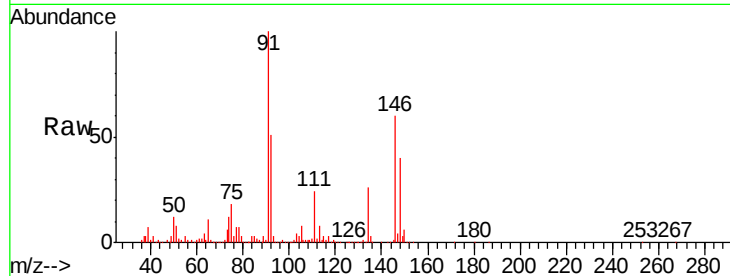
#89
n-Butylbenzene
Concen: 21.24 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	25.9	13.1	39.3

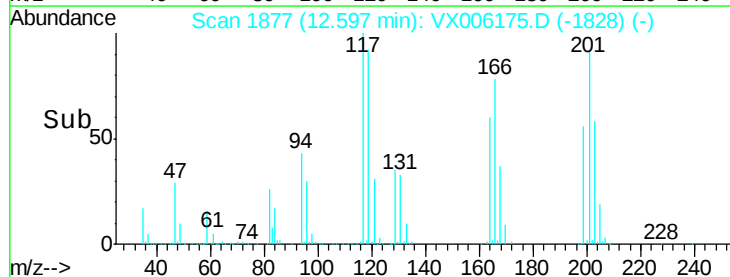
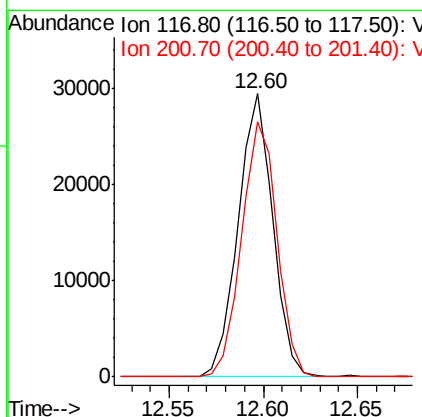
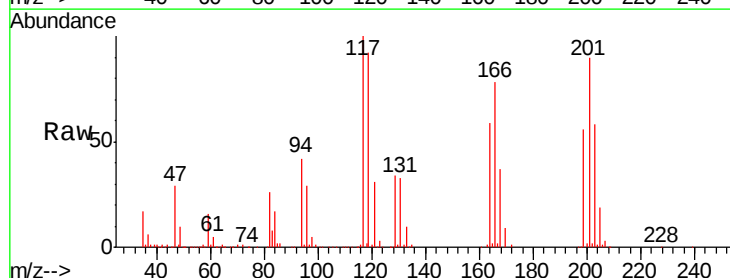
Manual Integrations
APPROVED

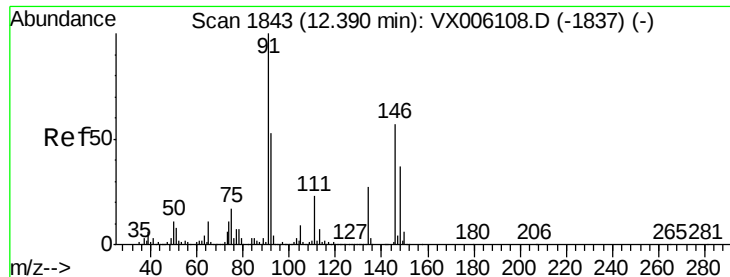
MMDadoda
11/27/2018 11:43:21 AM



#90
Hexachloroethane
Concen: 22.93 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006175.D
Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.7	46.1	138.2





#91

1,2-Dichlorobenzene

Concen: 21.39 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

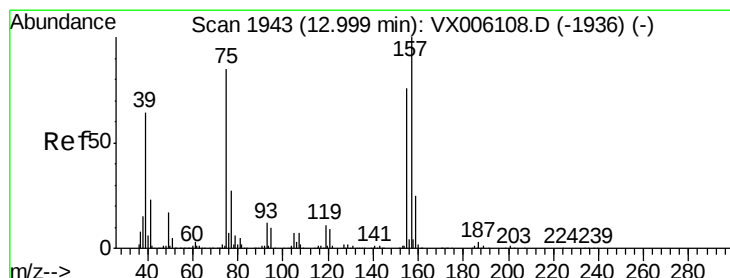
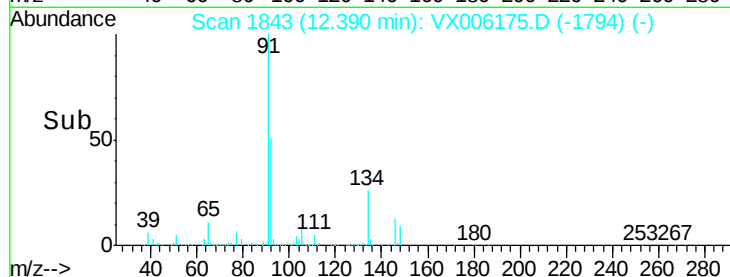
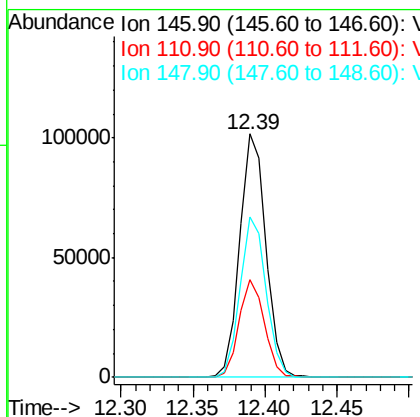
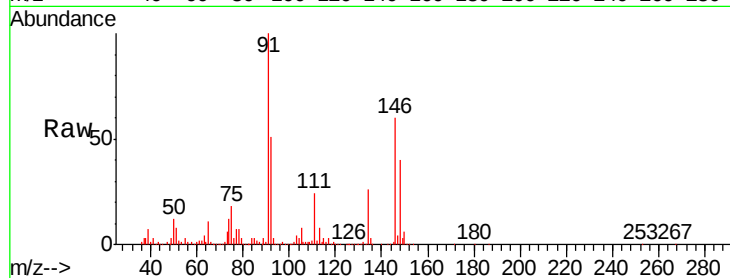
ClientSampleId :

VX1126WBSD01

Tgt Ion:	146	Resp:	128242
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.8
148	65.6	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.34 ug/l

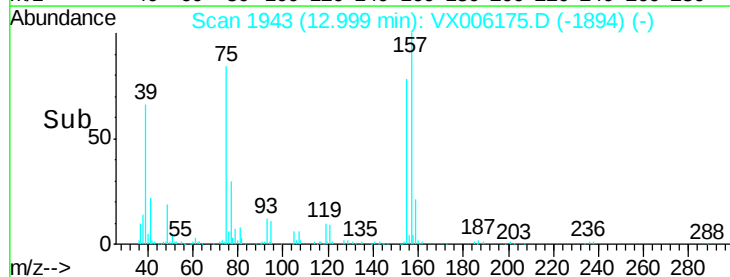
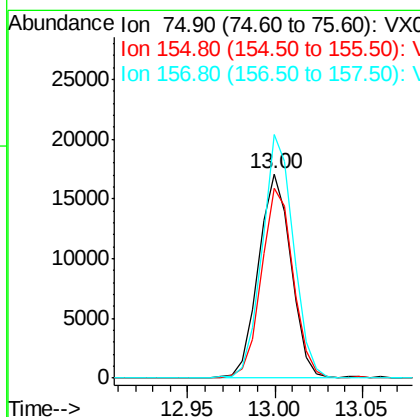
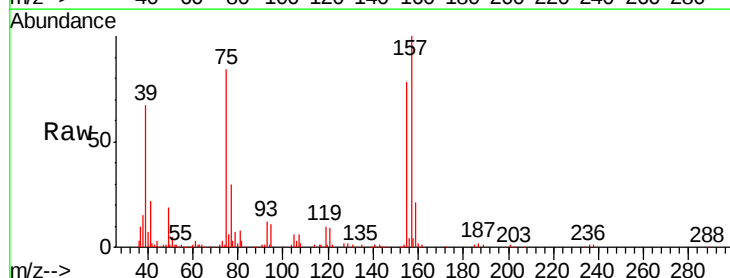
RT: 13.00 min Scan# 1943

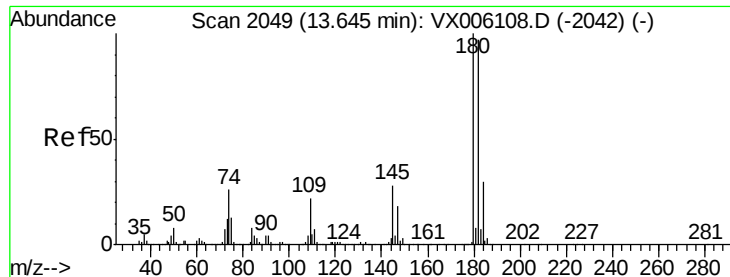
Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	75	Resp:	22180
Ion Ratio	Lower	Upper	
75	100		
155	90.5	46.1	138.3
157	114.2	59.8	179.3





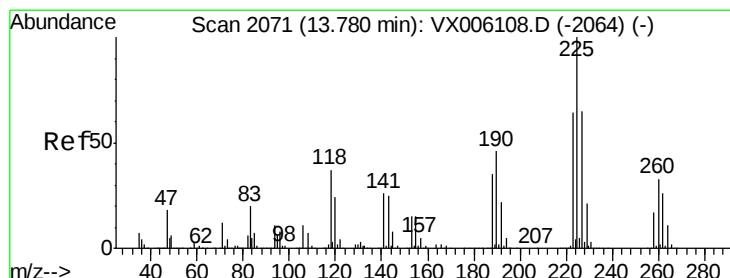
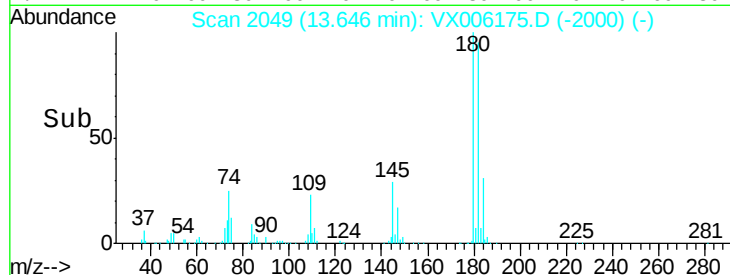
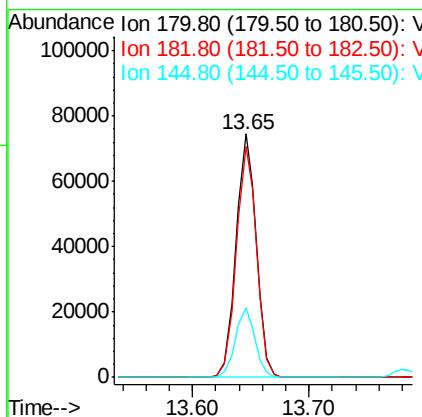
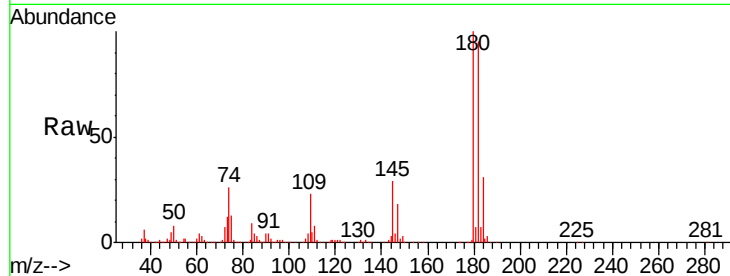
#93
 1,2,4-Trichlorobenzene
 Concen: 21.30 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89967		
182	95.0	48.2	144.6	
145	28.1	14.1	42.2	

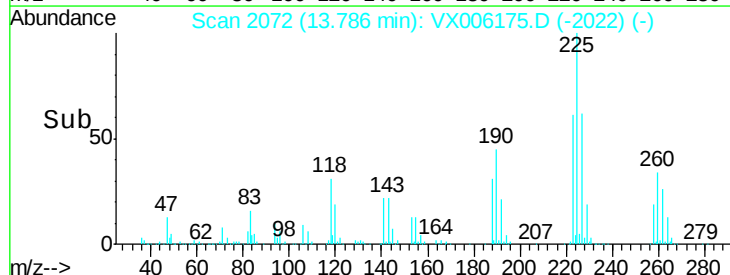
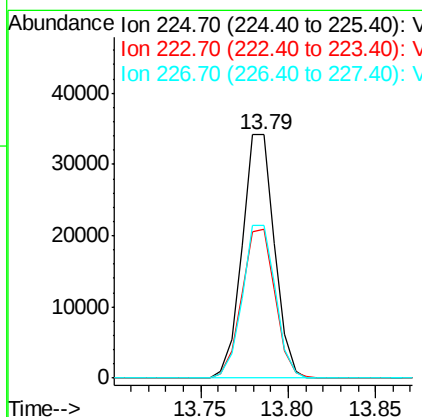
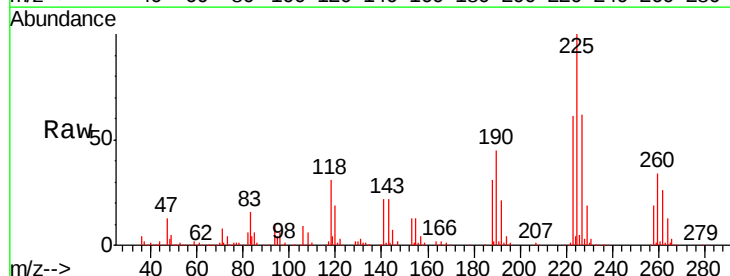
Manual Integrations
 APPROVED

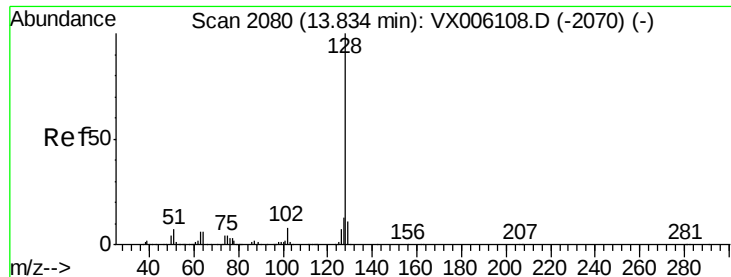
MMDadoda
 11/27/2018 11:43:21 AM



#94
 Hexachlorobutadiene
 Concen: 21.28 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006175.D
 Acq: 26 Nov 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43803		
223	62.7	31.2	93.6	
227	63.8	32.4	97.2	





#95

Naphthalene

Concen: 22.40 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Instrument :

MSVOA_X

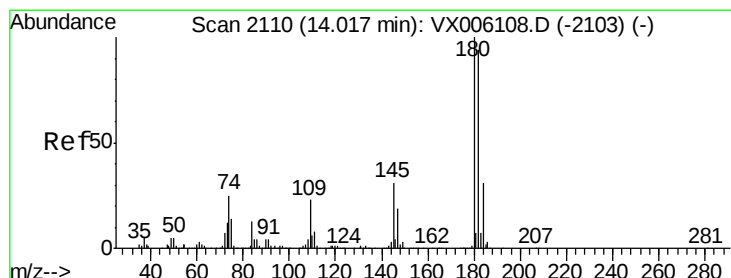
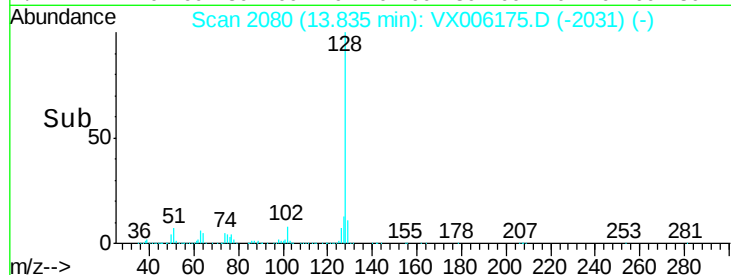
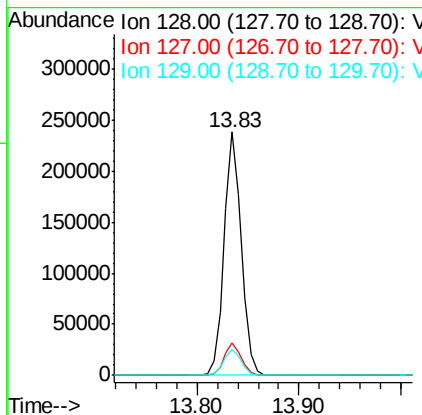
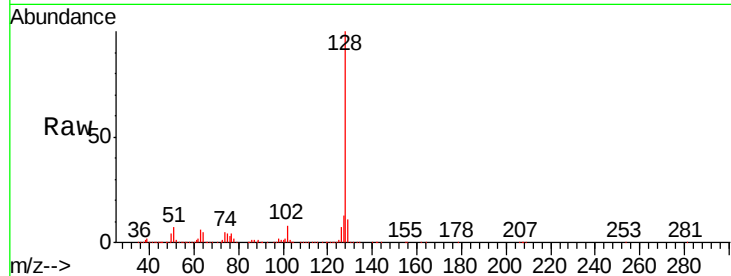
ClientSampleId :

VX1126WBSD01

Tgt Ion:	128	Resp:	278275
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:21 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.81 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006175.D

Acq: 26 Nov 2018 15:11

Tgt Ion:	180	Resp:	93914
Ion Ratio		Lower	Upper
180	100		
182	95.8	47.5	142.5
145	29.7	15.0	45.0

