

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006179.D
 Acq On : 26 Nov 2018 16:58
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:31 AM

Quant Time: Nov 27 03:27:57 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	289024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177553	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	5.50	113	142823	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	8.71	98	532918	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	191341	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43114	20.07	ug/l	97
3) Chloromethane	1.32	50	51489	18.98	ug/l	99
4) Vinyl Chloride	1.41	62	53803	19.50	ug/l	94
5) Bromomethane	1.64	94	27352	15.64	ug/l	94
6) Chloroethane	1.73	64	32670	28.97	ug/l	99
7) Trichlorofluoromethane	1.93	101	73720	20.42	ug/l	100
8) Diethyl Ether	2.19	74	30713	20.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43911	20.51	ug/l	99
10) Methyl Iodide	2.51	142	44341	16.52	ug/l	100
11) Tert butyl alcohol	3.06	59	70880	99.49	ug/l	100
12) 1,1-Dichloroethene	2.38	96	41224	19.75	ug/l	96
13) Acrolein	2.29	56	36826	86.38	ug/l	100
14) Allyl chloride	2.73	41	87625	20.52	ug/l	99
15) Acrylonitrile	3.15	53	160805	102.19	ug/l	99
16) Acetone	2.45	43	165461	111.34	ug/l	100
17) Carbon Disulfide	2.57	76	119136	21.14	ug/l	98
18) Methyl Acetate	2.78	43	86218	22.62	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	155164	21.51	ug/l	99
20) Methylene Chloride	2.86	84	48809	21.50	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	45347	20.77	ug/l	93
22) Diisopropyl ether	3.87	45	173651	19.00	ug/l	91
23) Vinyl Acetate	3.82	43	766615	101.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89034	20.68	ug/l	99
25) 2-Butanone	4.70	43	282040	102.25	ug/l	99
26) 2,2-Dichloropropane	4.59	77	81565	22.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61018	19.99	ug/l	98
28) Bromochloromethane	5.02	49	52219	20.81	ug/l	98
29) Tetrahydrofuran	5.15	42	177202	102.98	ug/l	99
30) Chloroform	5.21	83	105897	20.29	ug/l	100
31) Cyclohexane	5.57	56	88008	19.57	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	90438	21.46	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74957	19.54	ug/l	97
37) Ethyl Acetate	4.85	43	100122	20.29	ug/l	99
38) Carbon Tetrachloride	5.78	117	77394	21.47	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006179.D
 Acq On : 26 Nov 2018 16:58
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:31 AM

Quant Time: Nov 27 03:27:57 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	86351	19.76	ug/l	97
40) Benzene	6.15	78	228471	20.22	ug/l	100
41) Methacrylonitrile	5.06	41	54490	20.03	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85890	20.33	ug/l	99
43) Isopropyl Acetate	6.46	43	145899	20.47	ug/l	99
44) Trichloroethene	7.21	130	62505	19.90	ug/l	97
45) 1,2-Dichloropropane	7.52	63	62137	20.78	ug/l	97
46) Dibromomethane	7.66	93	40927	19.98	ug/l	99
47) Bromodichloromethane	7.90	83	76961	20.32	ug/l	96
48) Methyl methacrylate	7.77	41	77320	21.39	ug/l	99
49) 1,4-Dioxane	7.75	88	30121	351.23	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	529889	103.71	ug/l	99
52) Toluene	8.79	92	144356	20.65	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	84792	21.45	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	91183	20.86	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	61796	20.41	ug/l	97
56) Ethyl methacrylate	9.18	69	86083	20.08	ug/l	98
57) 1,3-Dichloropropane	9.37	76	102336	20.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	255809	101.33	ug/l	100
59) 2-Hexanone	9.49	43	420714	103.75	ug/l	100
60) Dibromochloromethane	9.59	129	62716	21.13	ug/l	99
61) 1,2-Dibromoethane	9.67	107	64924	20.82	ug/l	99
64) Tetrachloroethene	9.34	164	62644	19.15	ug/l	97
65) Chlorobenzene	10.14	112	166251	20.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59004	21.08	ug/l	99
67) Ethyl Benzene	10.25	91	274974	20.60	ug/l	100
68) m/p-Xylenes	10.36	106	214481	41.27	ug/l	100
69) o-Xylene	10.70	106	100317	20.21	ug/l	99
70) Styrene	10.71	104	165401	20.43	ug/l	98
71) Bromoform	10.86	173	51743	20.66	ug/l #	97
73) Isopropylbenzene	11.02	105	277941	21.28	ug/l	100
74) N-amyl acetate	10.90	43	128847	20.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	100651	20.45	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	96655m	21.75	ug/l	
77) Bromobenzene	11.26	156	74830	20.46	ug/l	100
78) n-propylbenzene	11.36	91	321270	21.13	ug/l	99
79) 2-Chlorotoluene	11.42	91	193369	21.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	236009	21.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28613	21.78	ug/l	96
82) 4-Chlorotoluene	11.51	91	225757	21.03	ug/l	99
83) tert-Butylbenzene	11.77	119	229193	21.32	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	242225	21.57	ug/l	99
85) sec-Butylbenzene	11.94	105	280173	21.31	ug/l	99
86) p-Isopropyltoluene	12.07	119	246343	21.02	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	136636	20.26	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138768	19.85	ug/l	99
89) n-Butylbenzene	12.39	91	211761	19.95	ug/l	99
90) Hexachloroethane	12.60	117	40743	21.78	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	138808	20.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23330	20.43	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006179.D
Acq On : 26 Nov 2018 16:58
Operator : JC/MD
Sample : VX1126WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM

Quant Time: Nov 27 03:27:57 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	96776	19.92	ug/l	100
94) Hexachlorobutadiene	13.78	225	47500	20.06	ug/l	99
95) Naphthalene	13.83	128	305277	21.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101645	20.52	ug/l	99

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

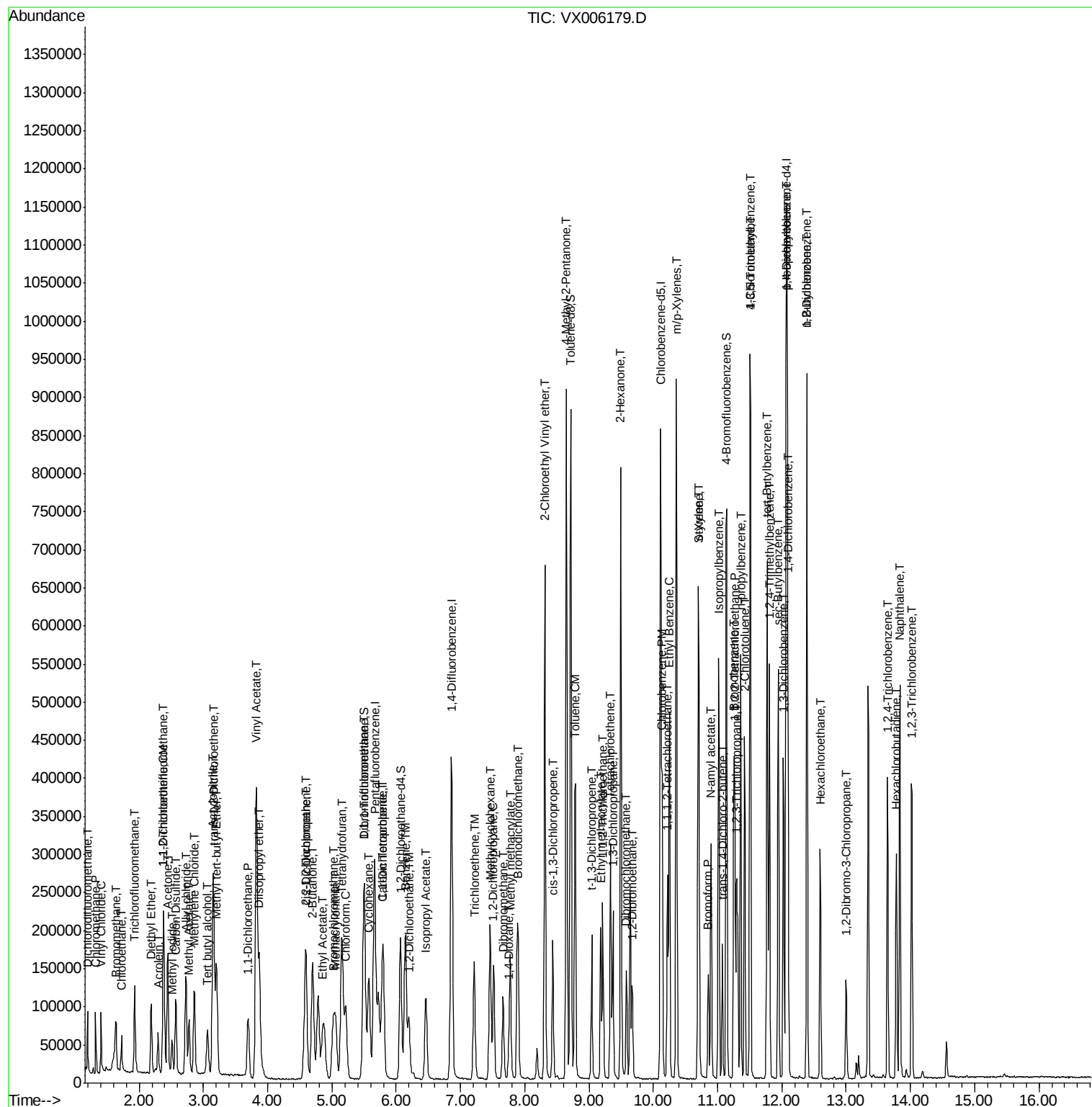
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006179.D
Acq On : 26 Nov 2018 16:58
Operator : JC/MD
Sample : VX1126WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

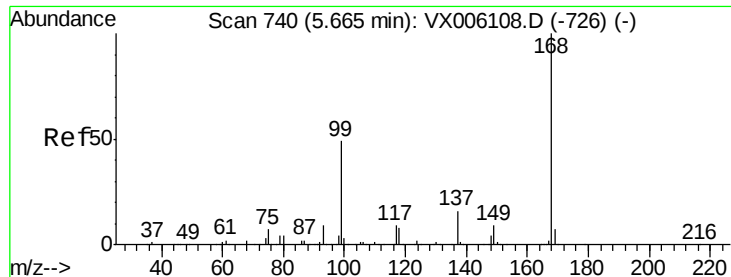
Instrument :
MSVOA_X
Client Sample ID :
VX1126WBSD01

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM

Quant Time: Nov 27 03:27:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 168 Resp: 289024

Ion Ratio Lower Upper

168 100

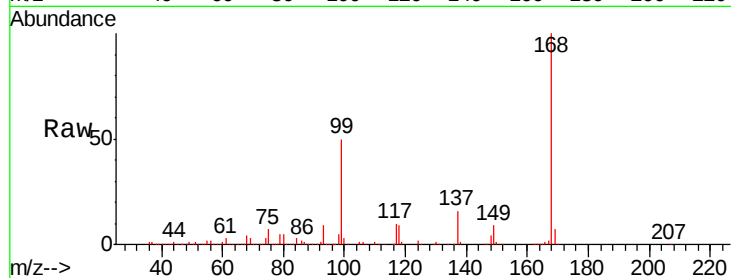
99 50.1 39.2 58.8

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

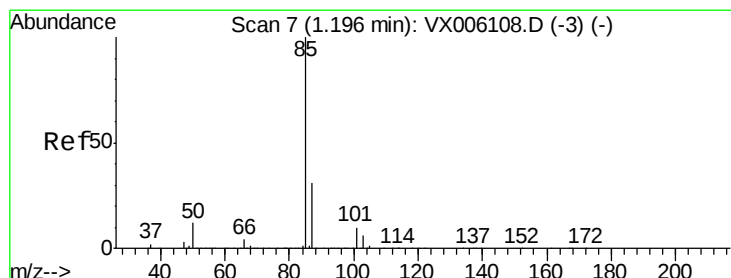
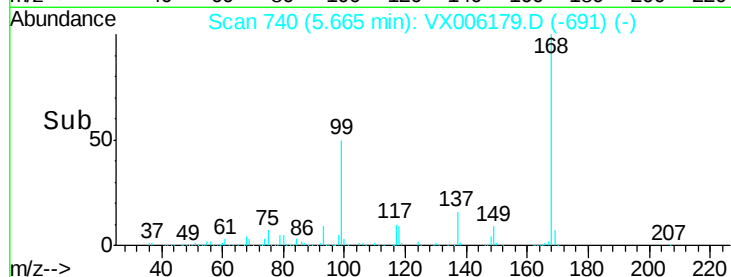
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.07 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006179.D

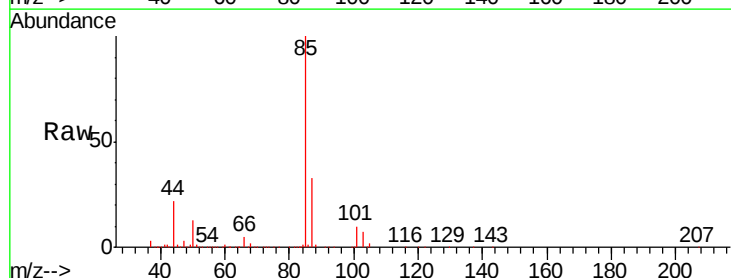
Acq: 26 Nov 2018 16:58

Tgt Ion: 85 Resp: 43114

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

50000

40000

30000

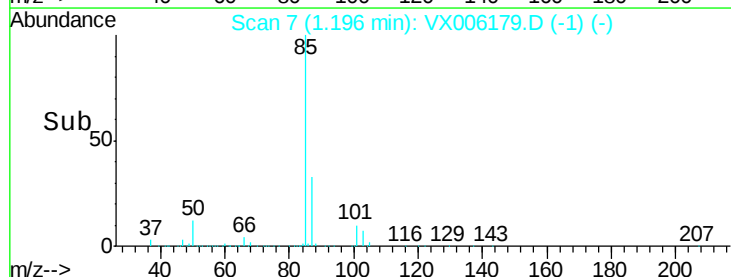
20000

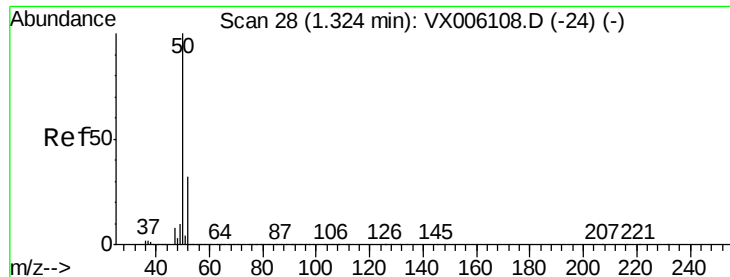
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.98 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 50 Resp: 51489

Ion Ratio Lower Upper

50 100

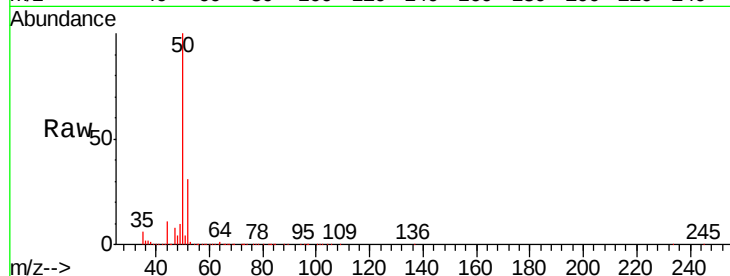
52 31.2 25.6 38.4

Manual Integrations

APPROVED

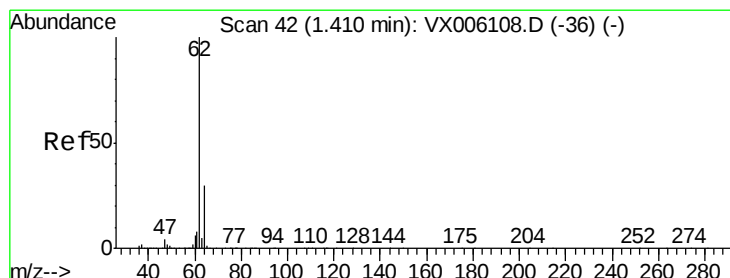
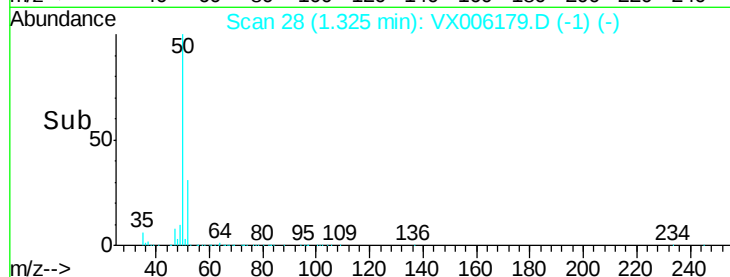
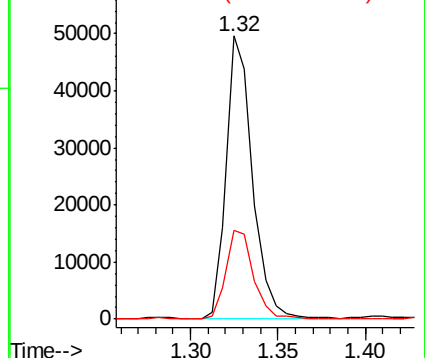
MMDadoda

11/27/2018 11:43:31 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.50 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006179.D

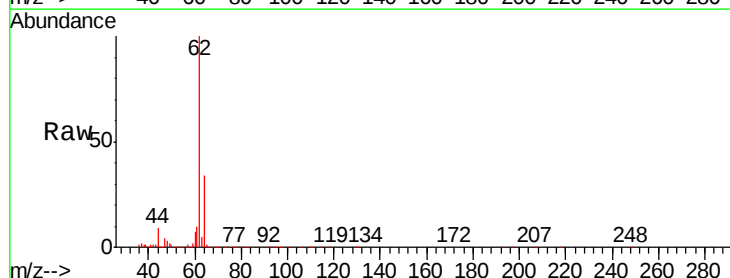
Acq: 26 Nov 2018 16:58

Tgt Ion: 62 Resp: 53803

Ion Ratio Lower Upper

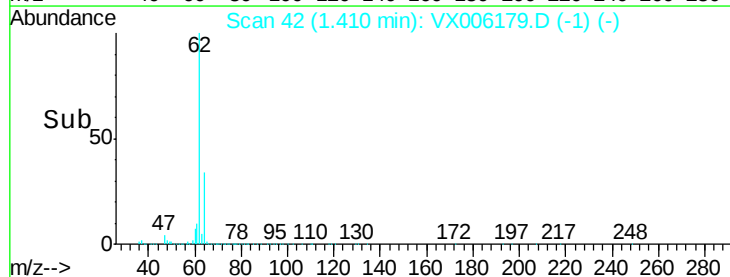
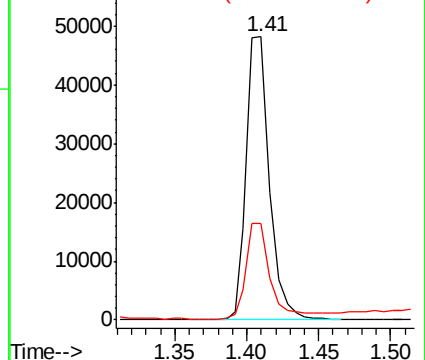
62 100

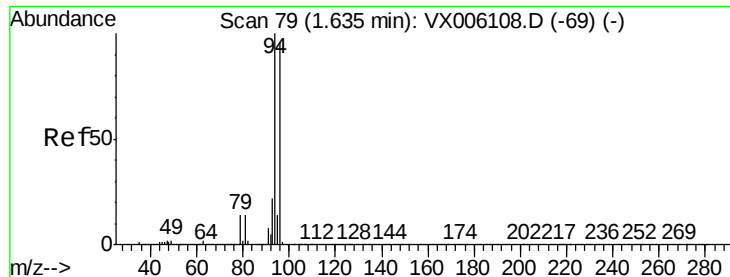
64 33.7 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.64 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 94 Resp: 27352

Ion Ratio Lower Upper

94 100

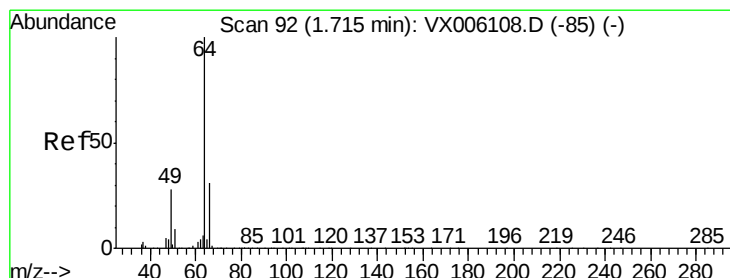
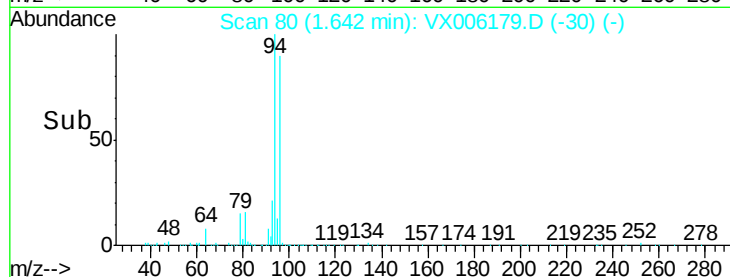
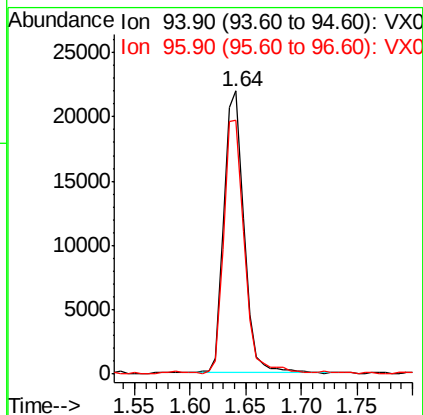
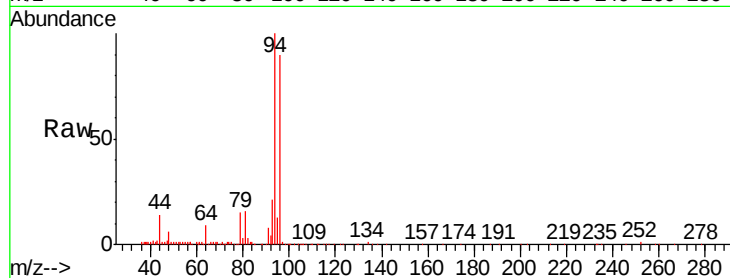
96 89.7 76.7 115.1

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



#6

Chloroethane

Concen: 28.97 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006179.D

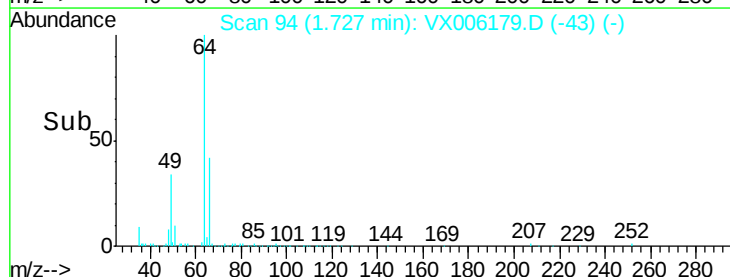
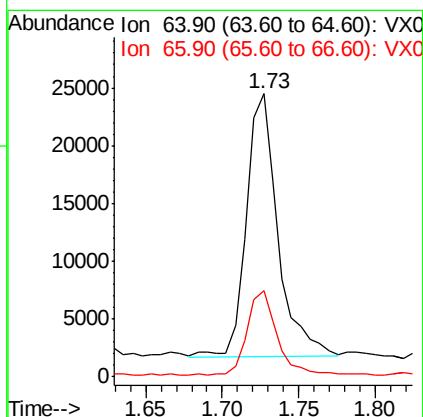
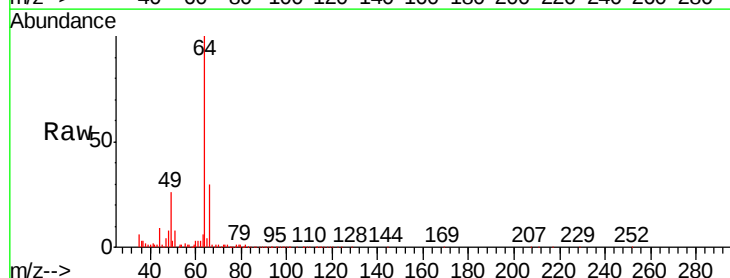
Acq: 26 Nov 2018 16:58

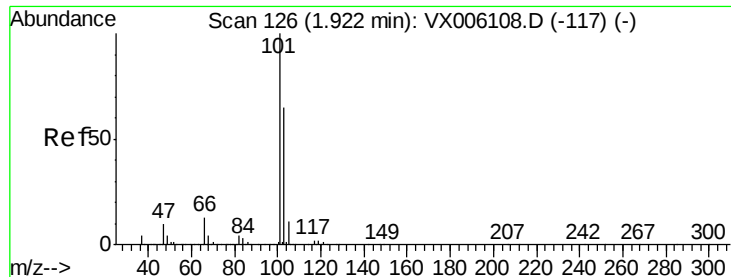
Tgt Ion: 64 Resp: 32670

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7





#7

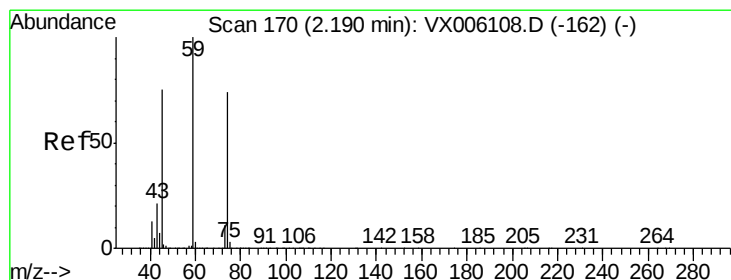
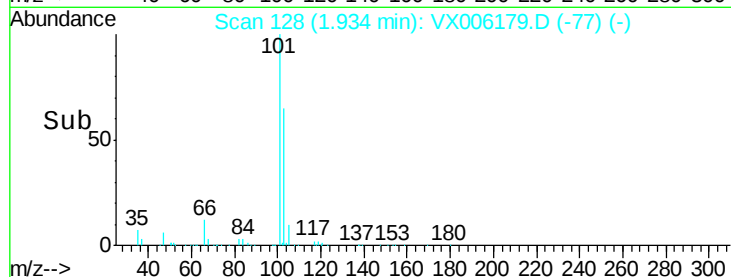
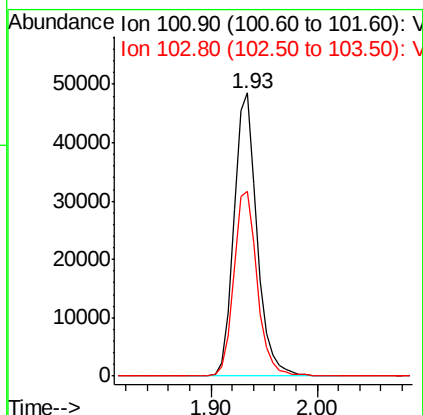
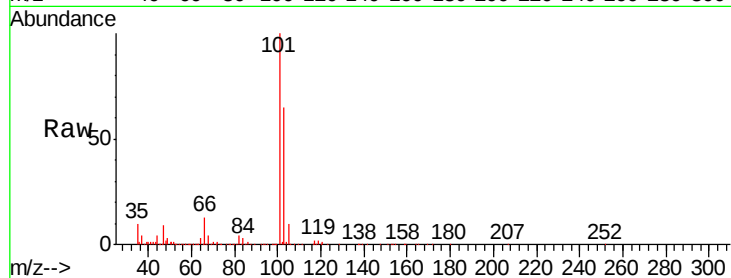
Trichlorofluoromethane
Concen: 20.42 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.1	78.1

Manual Integrations
APPROVED

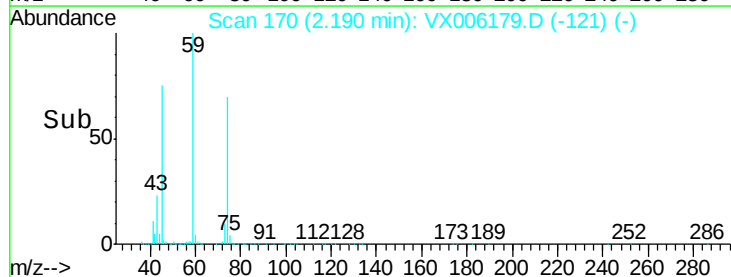
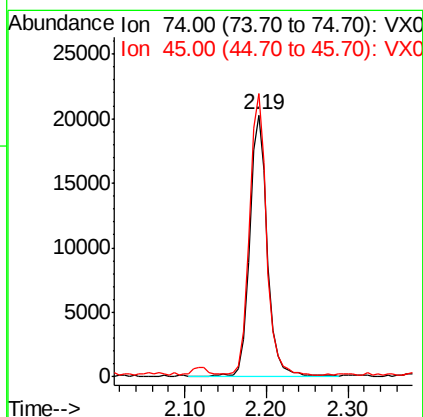
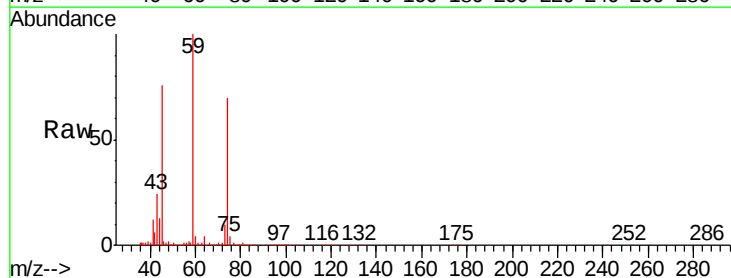
MMDadoda
11/27/2018 11:43:31 AM

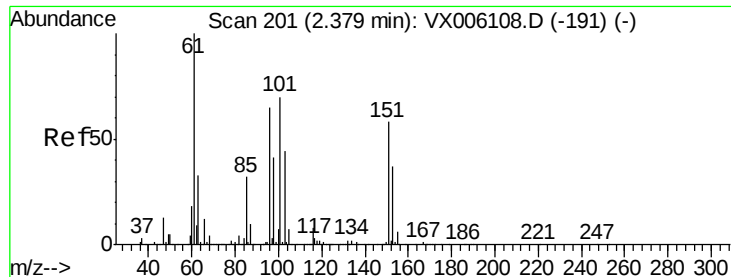


#8

Diethyl Ether
Concen: 20.13 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.51 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

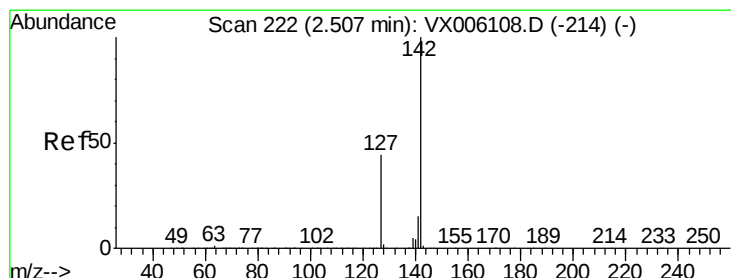
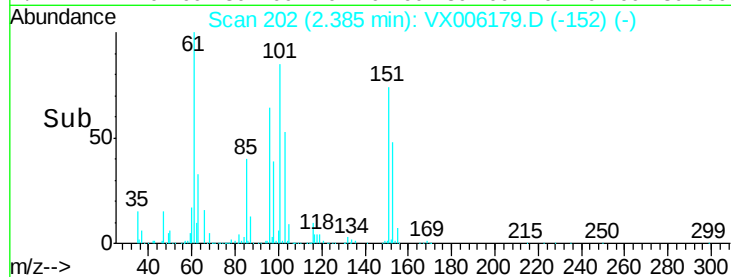
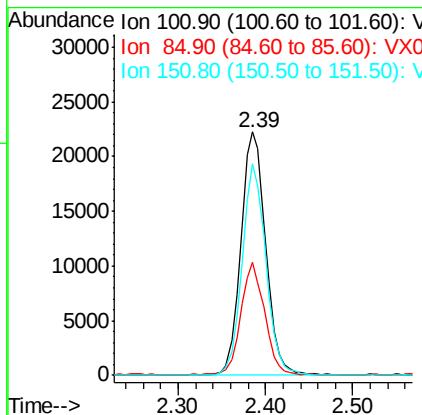
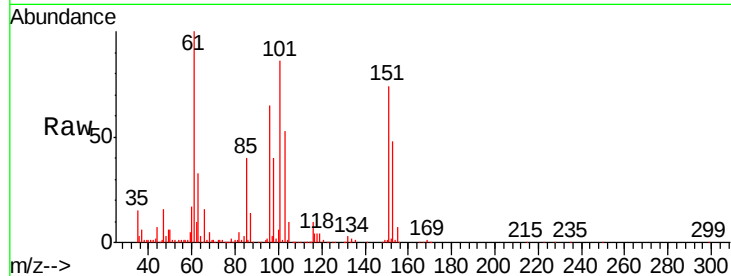
ClientSampleId :

VX1126WBSD01

Tgt Ion:	101	Resp:	43911
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	83.2	65.8	98.6

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#10

Methyl Iodide

Concen: 16.52 ug/l

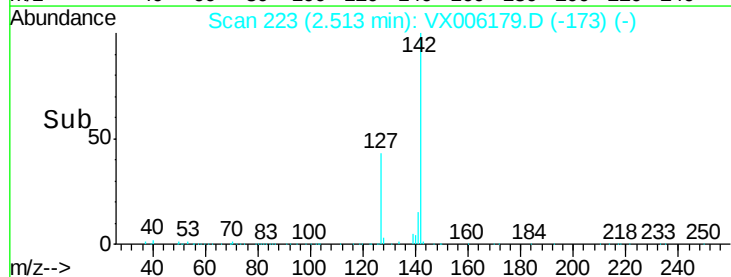
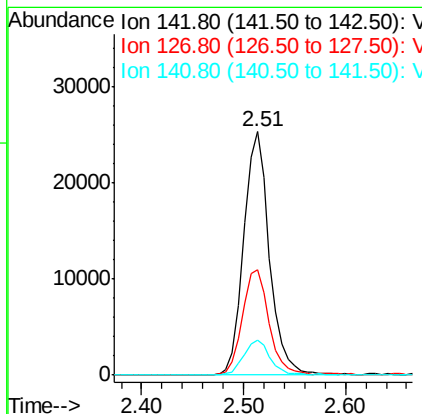
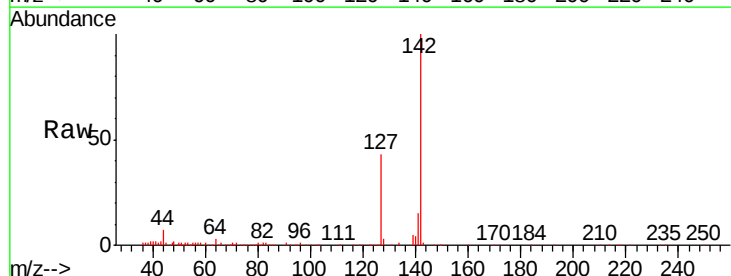
RT: 2.51 min Scan# 223

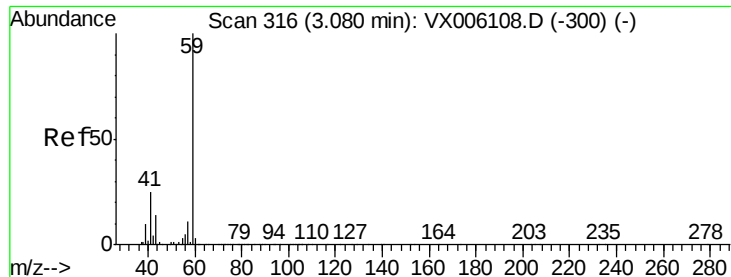
Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	142	Resp:	44341
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.0	54.0
141	14.8	11.7	17.5





#11

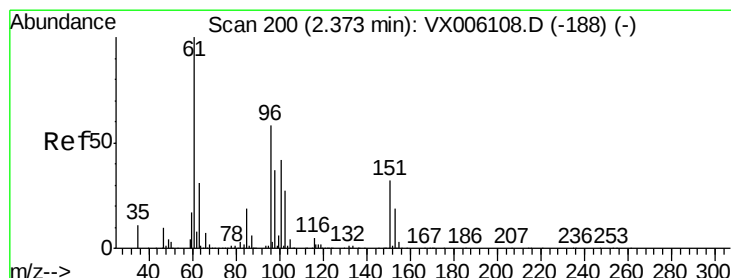
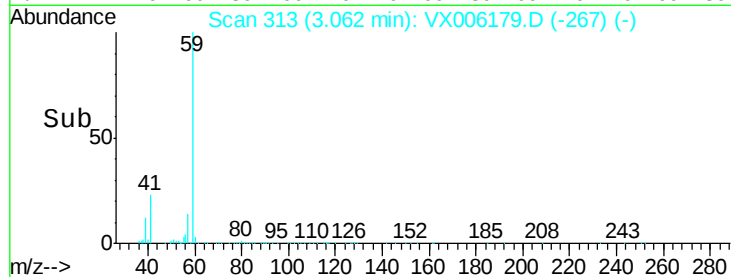
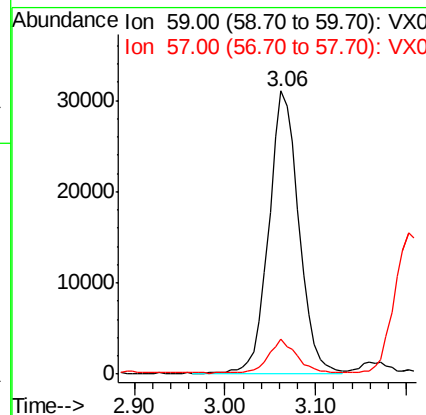
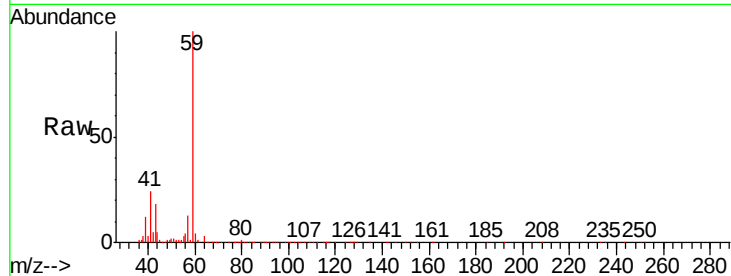
Tert butyl alcohol
Concen: 99.49 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion: 59 Resp: 70880
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

Manual Integrations
APPROVED

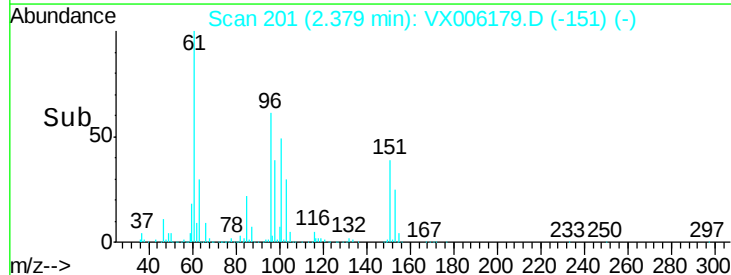
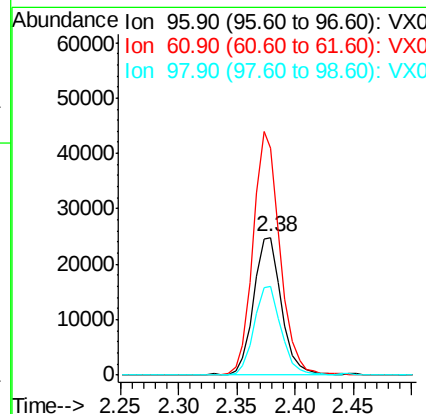
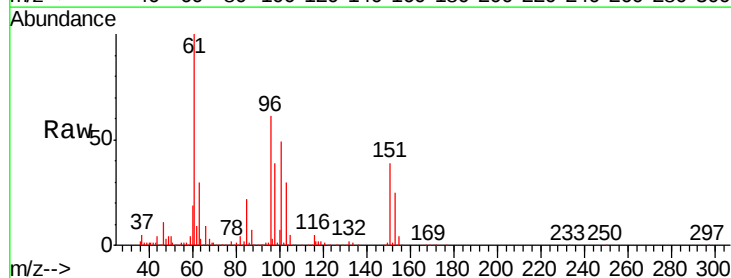
MMDadoda
11/27/2018 11:43:31 AM

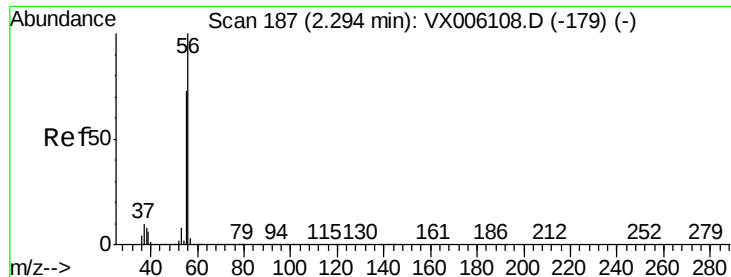


#12

1,1-Dichloroethene
Concen: 19.75 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 96 Resp: 41224
Ion Ratio Lower Upper
96 100
61 164.8 138.2 207.4
98 63.9 51.3 76.9





#13

Acrolein

Concen: 86.38 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 56 Resp: 36826

Ion Ratio Lower Upper

56 100

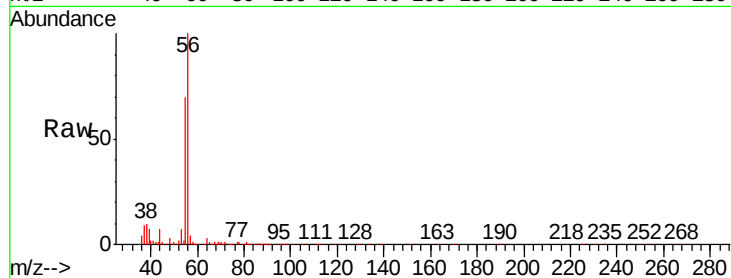
55 72.4 57.8 86.6

Manual Integrations

APPROVED

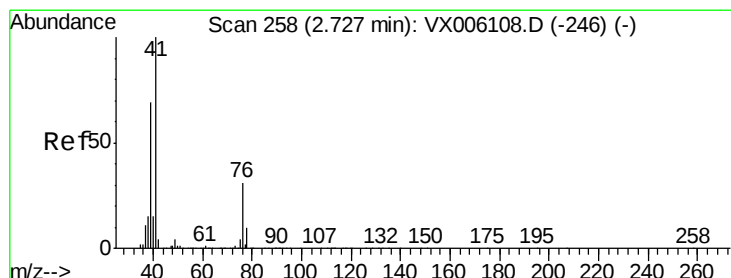
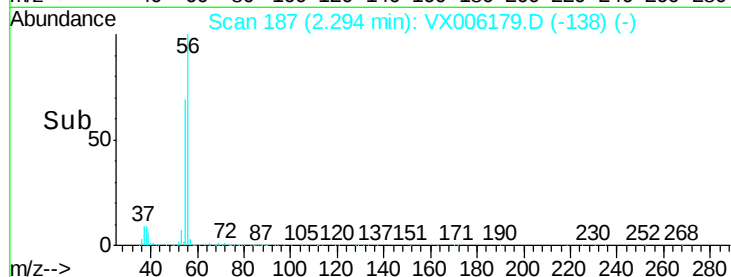
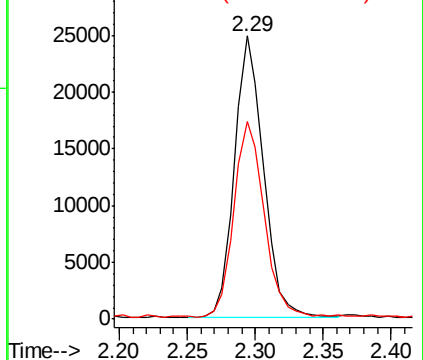
MMDadoda

11/27/2018 11:43:31 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.52 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

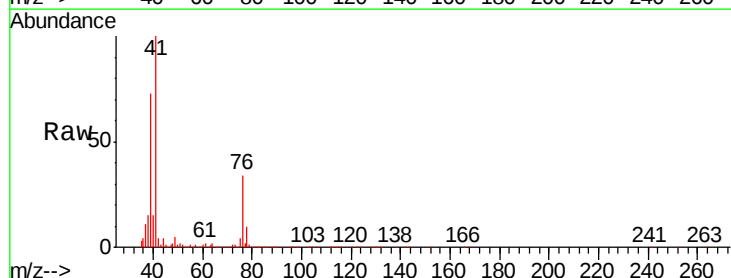
Tgt Ion: 41 Resp: 87625

Ion Ratio Lower Upper

41 100

39 66.8 52.5 78.7

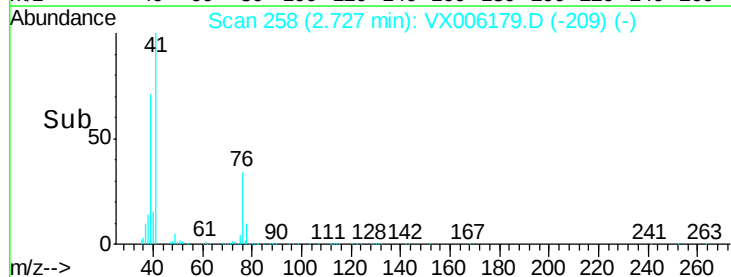
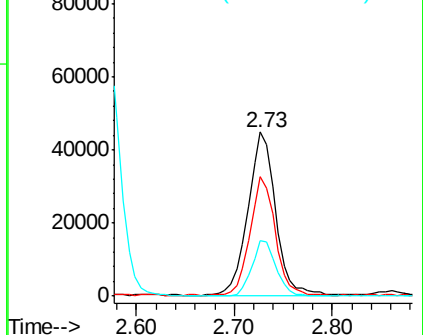
76 29.5 23.4 35.2

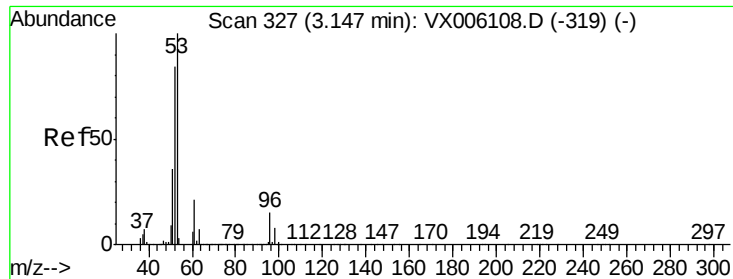


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.19 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

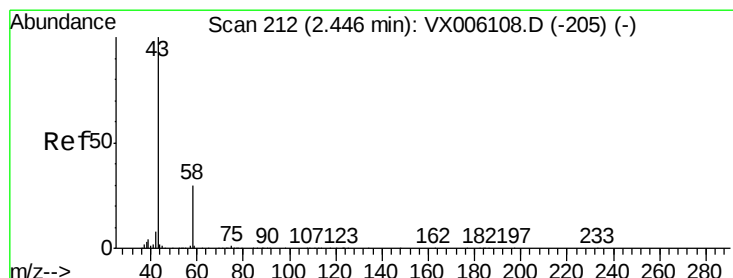
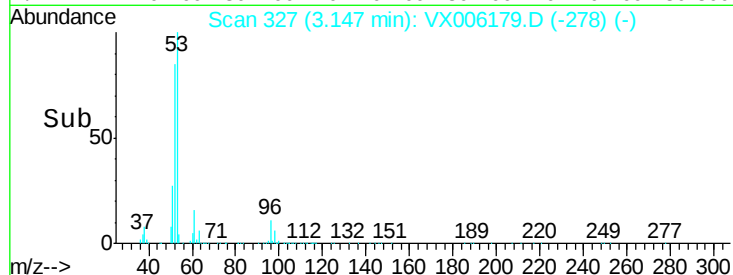
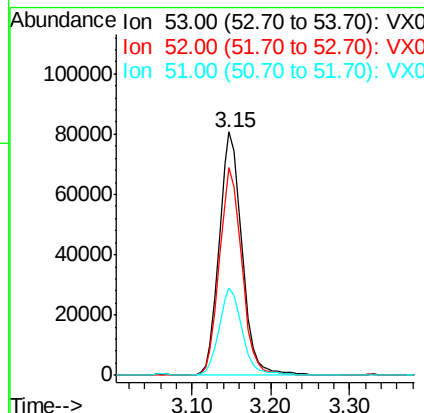
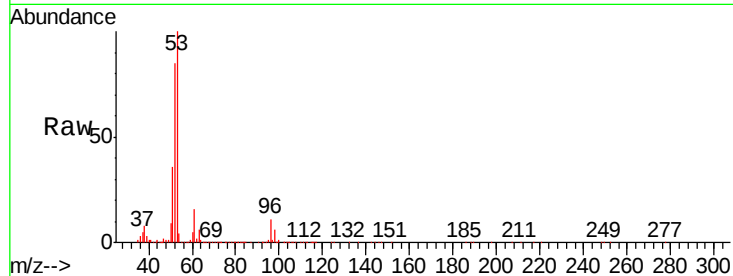
ClientSampleId :

VX1126WBSD01

Tgt Ion:	53	Resp:	160805
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.4	99.6
51	36.5	29.4	44.0

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#16

Acetone

Concen: 111.34 ug/l

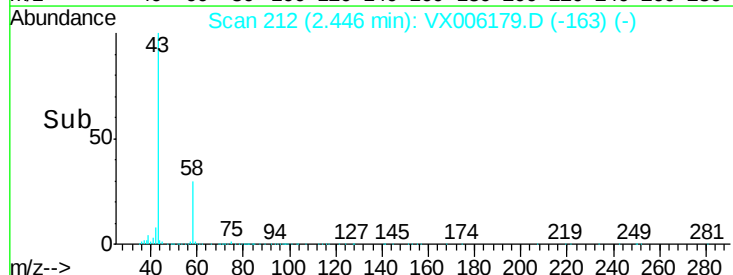
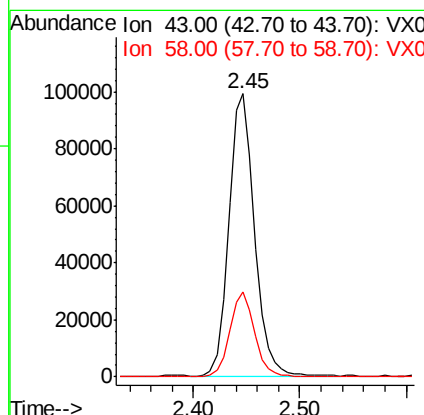
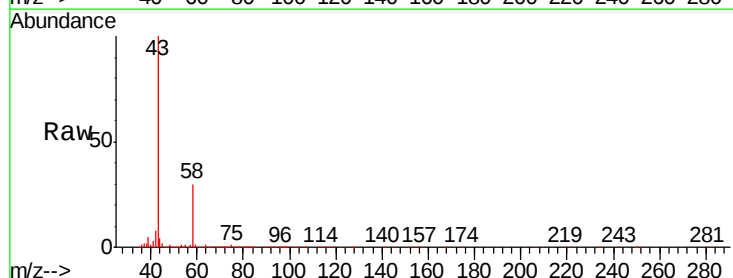
RT: 2.45 min Scan# 212

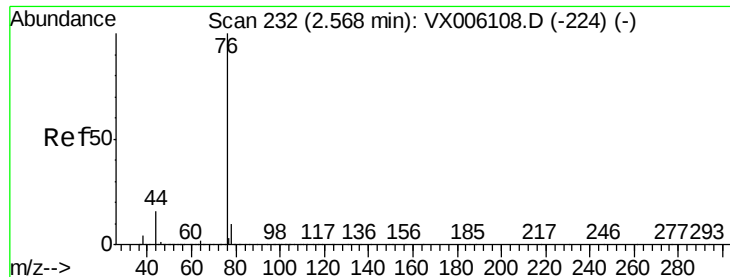
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	43	Resp:	165461
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.8





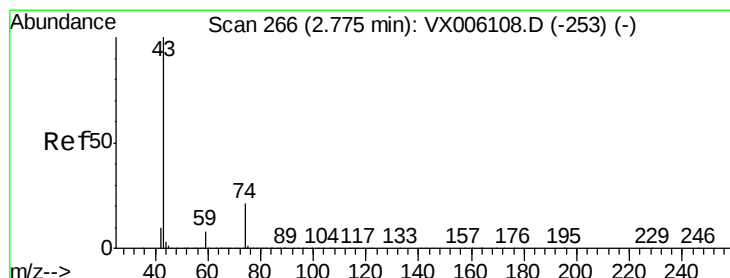
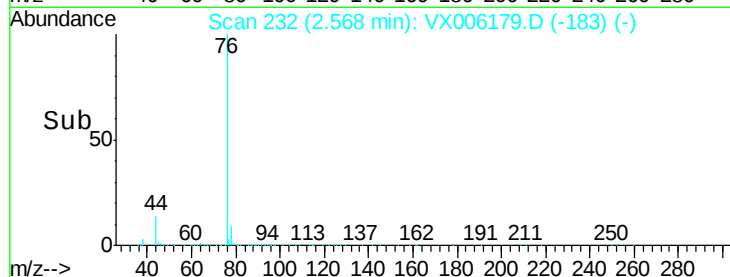
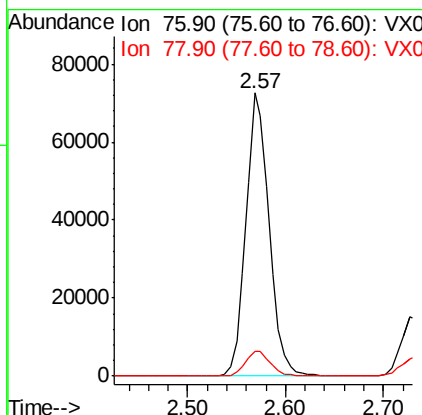
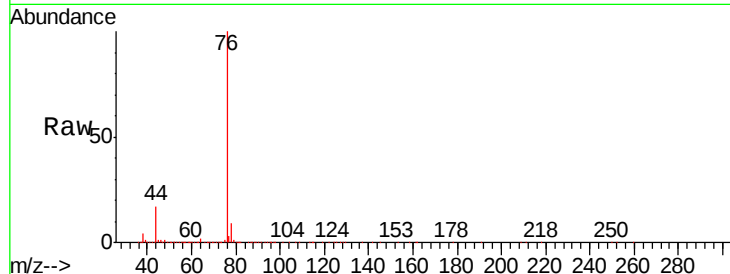
#17
Carbon Disulfide
Concen: 21.14 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.7	11.5

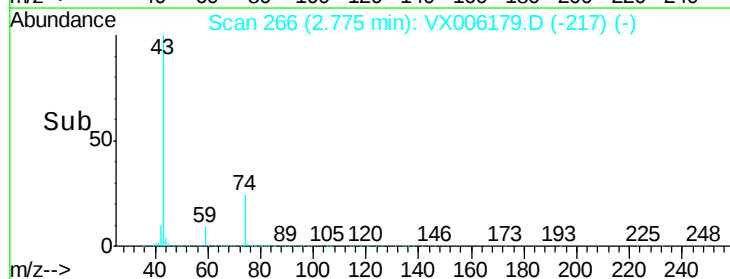
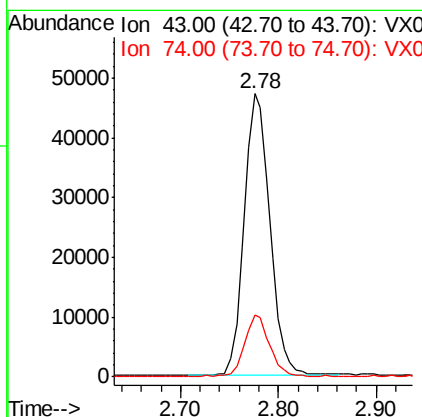
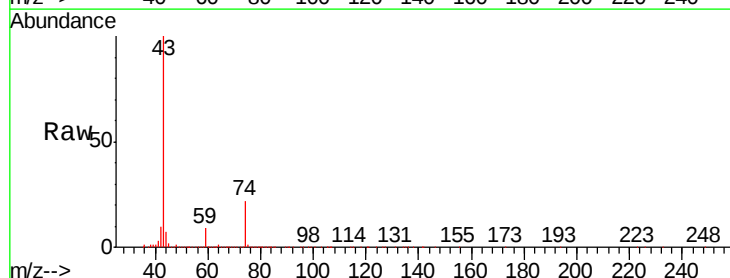
Manual Integrations
APPROVED

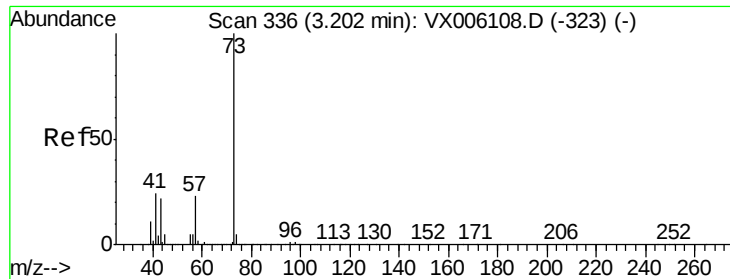
MMDadoda
11/27/2018 11:43:31 AM



#18
Methyl Acetate
Concen: 22.62 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.3	25.9





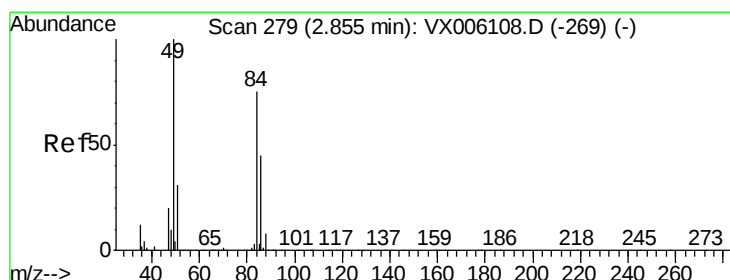
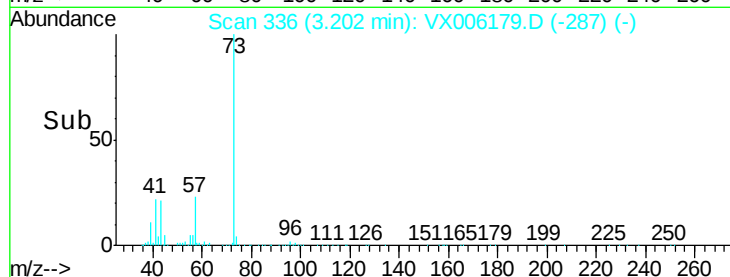
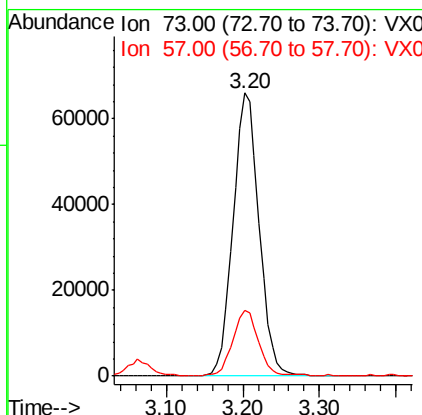
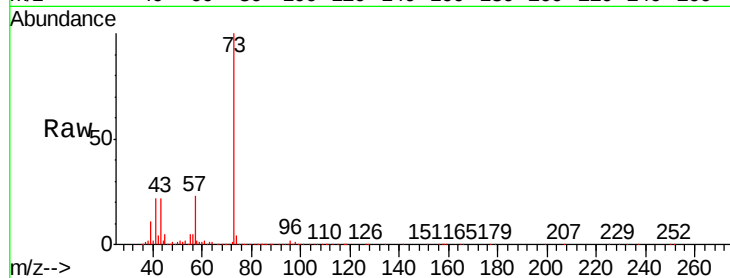
#19
Methyl tert-butyl Ether
Concen: 21.51 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion: 73 Resp: 155164
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4

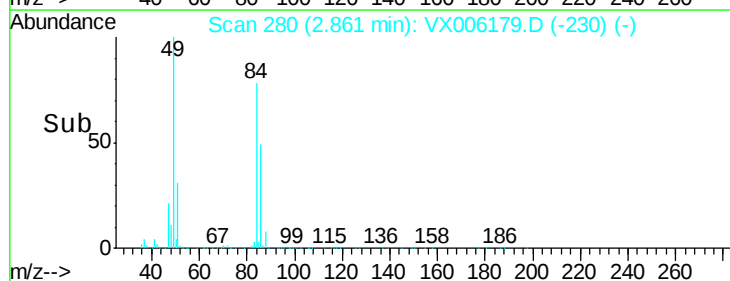
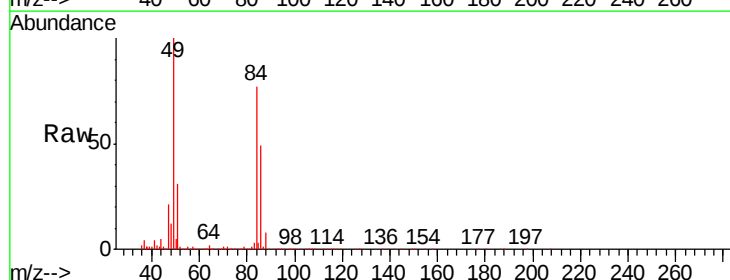
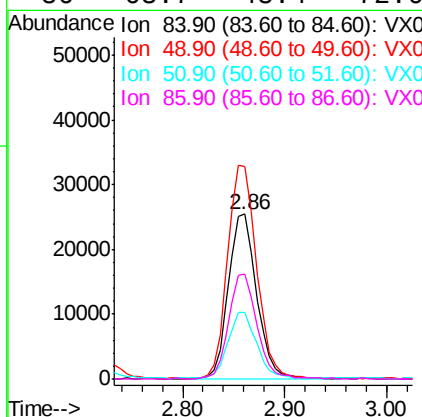
Manual Integrations
APPROVED

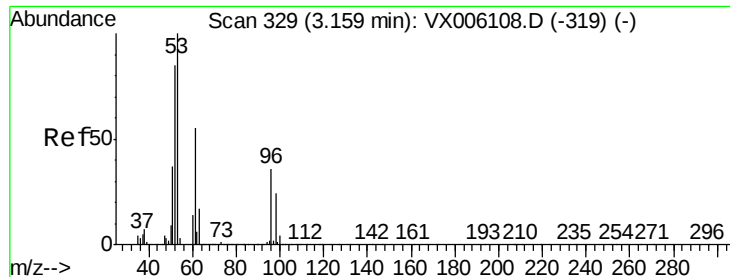
MMDadoda
11/27/2018 11:43:31 AM



#20
Methylene Chloride
Concen: 21.50 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 84 Resp: 48809
Ion Ratio Lower Upper
84 100
49 129.6 106.6 159.8
51 40.2 32.6 49.0
86 63.7 48.4 72.6





#21

trans-1,2-Dichloroethene

Concen: 20.77 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

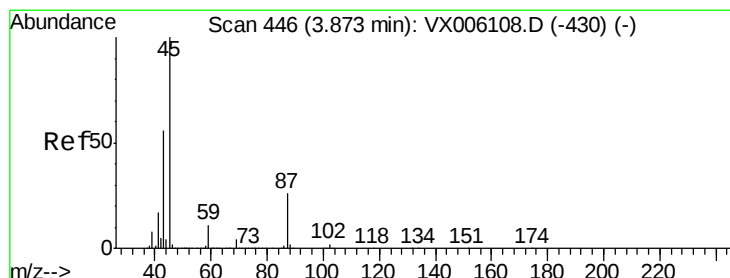
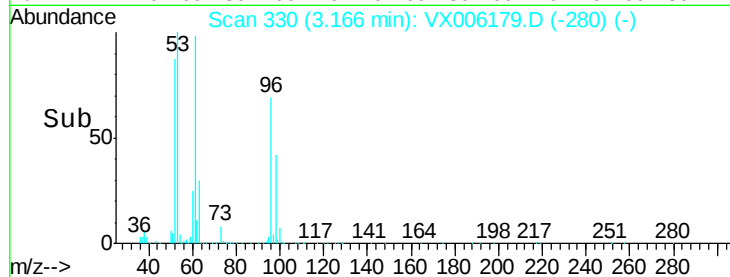
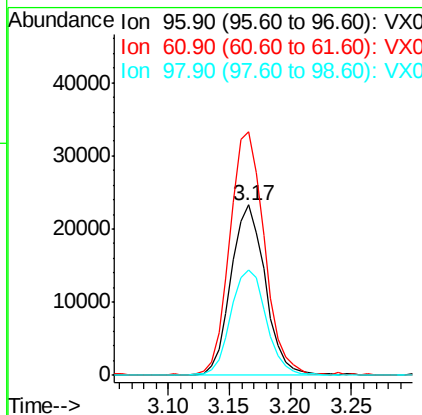
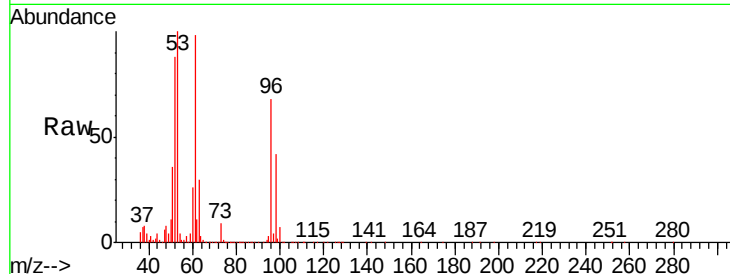
ClientSampleId :

VX1126WBSD01

Tgt Ion:	96	Resp:	45347
Ion	Ratio	Lower	Upper
96	100		
61	142.5	122.0	183.0
98	61.8	52.7	79.1

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#22

Diisopropyl ether

Concen: 19.00 ug/l

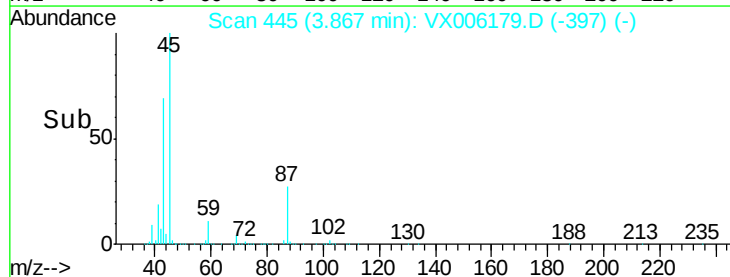
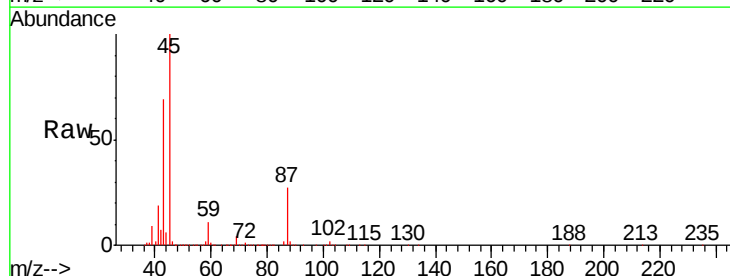
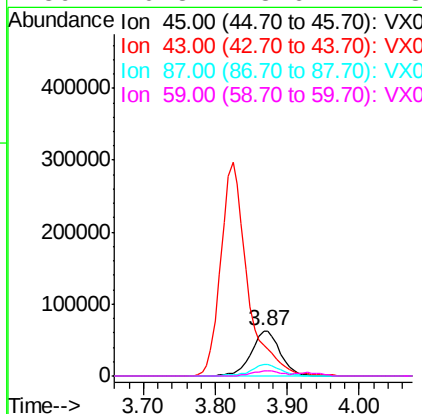
RT: 3.87 min Scan# 445

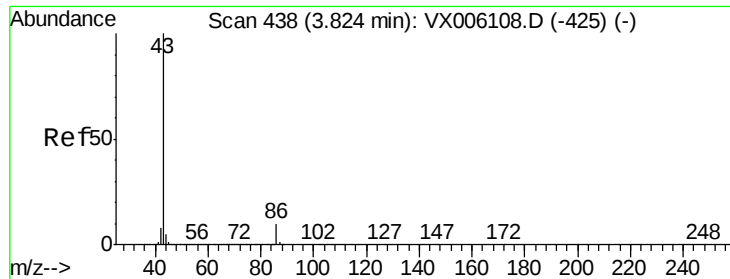
Delta R.T. -0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	45	Resp:	173651
Ion	Ratio	Lower	Upper
45	100		
43	68.6	45.8	68.8
87	26.5	21.0	31.4
59	10.8	8.6	12.8





#23

Vinyl Acetate

Concen: 101.10 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 43 Resp: 766615

Ion Ratio Lower Upper

43 100

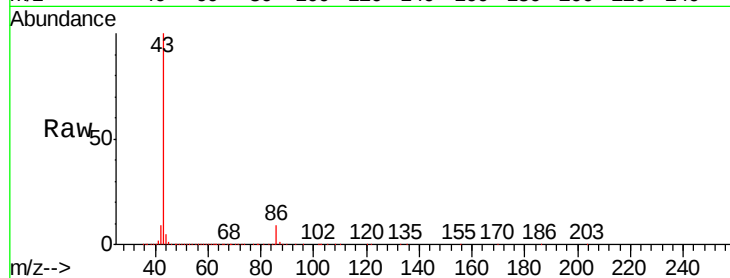
86 9.3 7.6 11.4

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

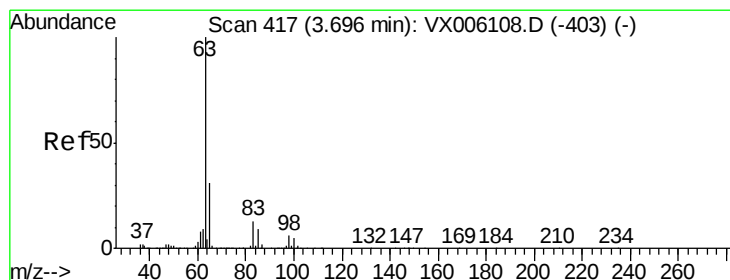
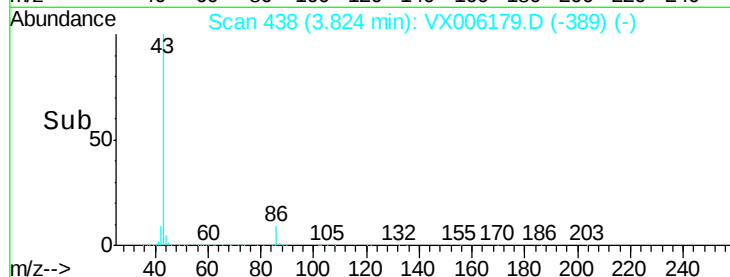
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.68 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

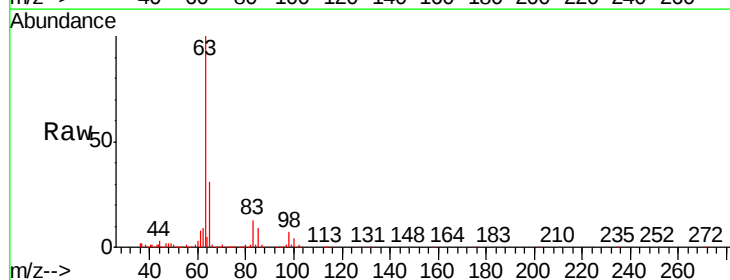
Tgt Ion: 63 Resp: 89034

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.1 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

50000

40000

30000

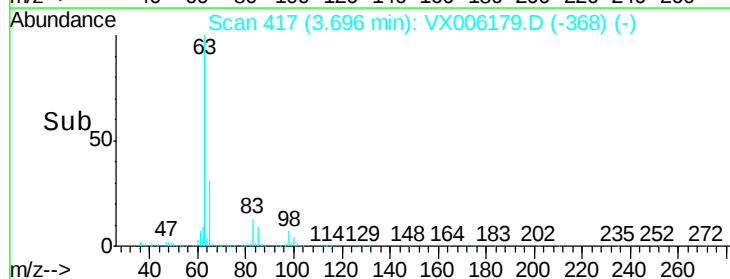
20000

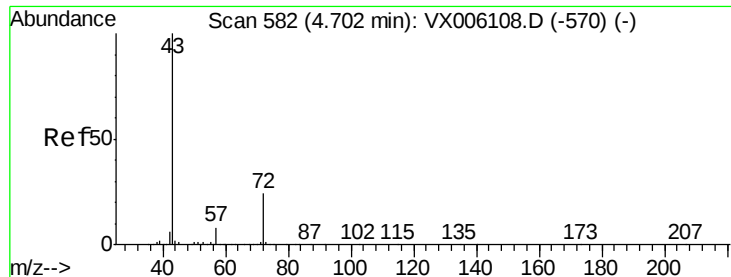
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 102.25 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 43 Resp: 282040

Ion Ratio Lower Upper

43 100

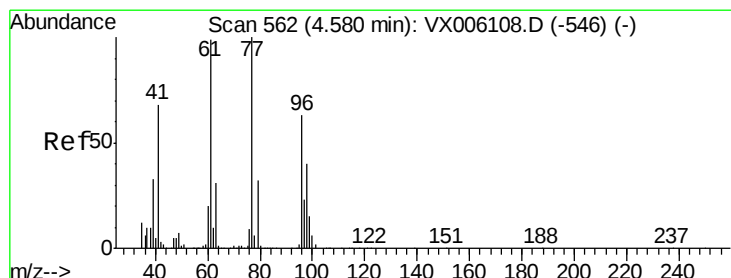
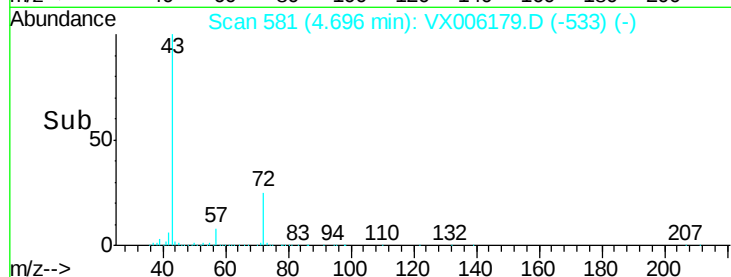
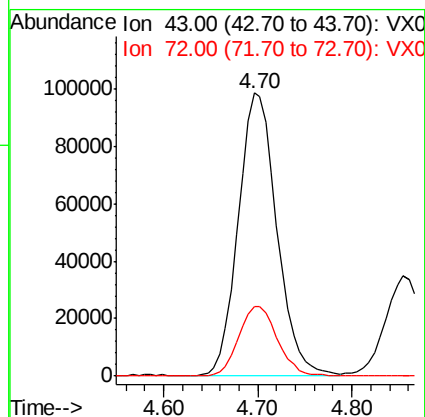
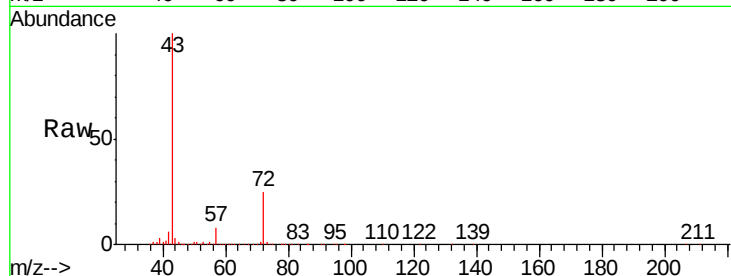
72 24.6 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



#26

2,2-Dichloropropane

Concen: 22.98 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006179.D

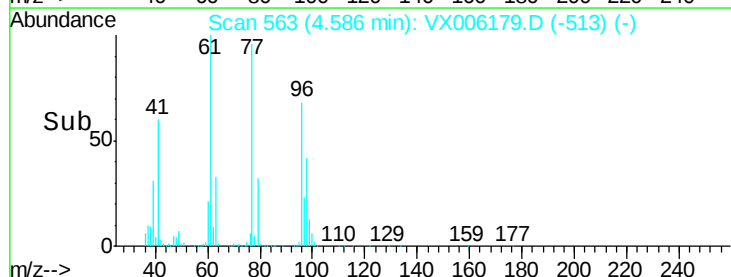
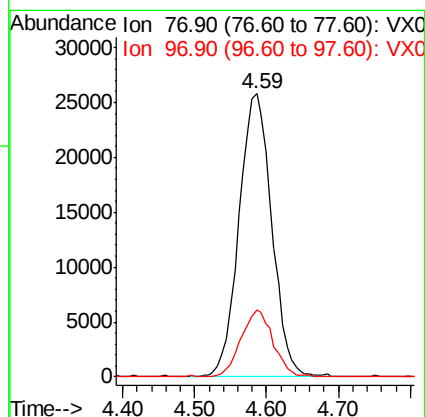
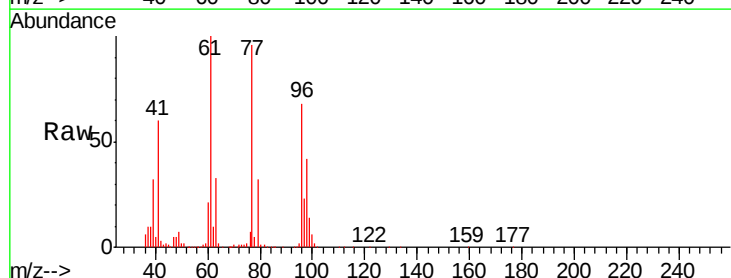
Acq: 26 Nov 2018 16:58

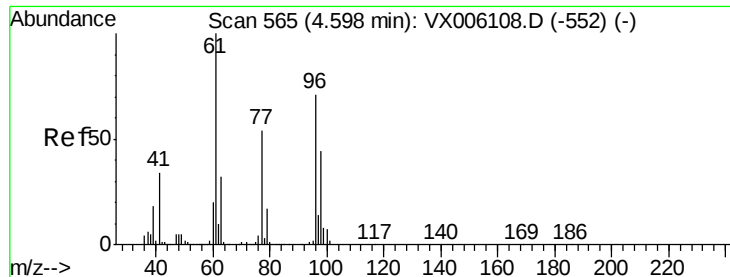
Tgt Ion: 77 Resp: 81565

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5





#27

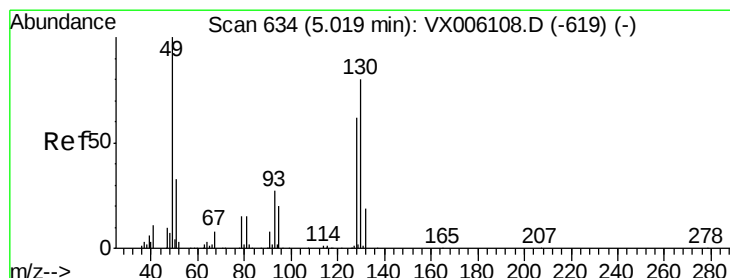
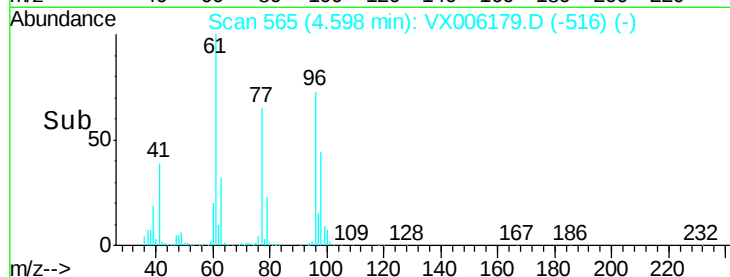
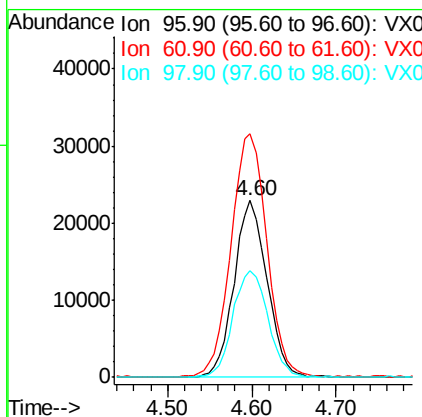
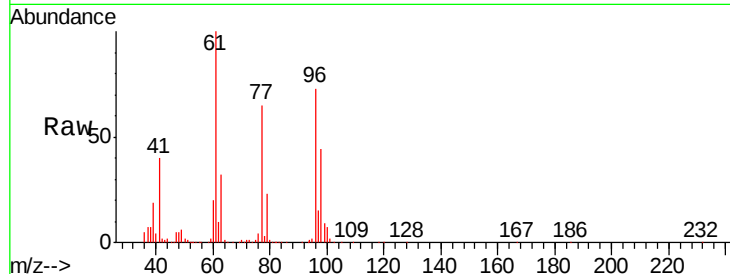
cis-1,2-Dichloroethene
Concen: 19.99 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	291.6
98	64.1	0.0	128.2

Manual Integrations
APPROVED

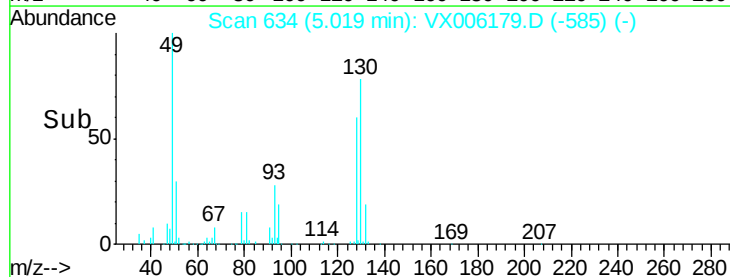
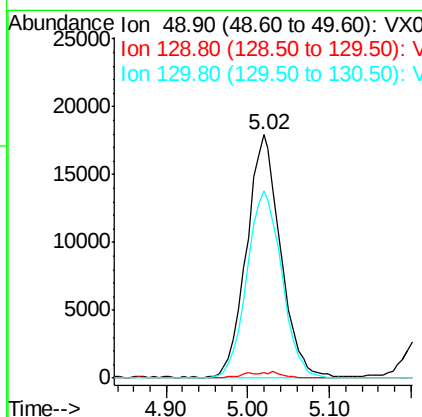
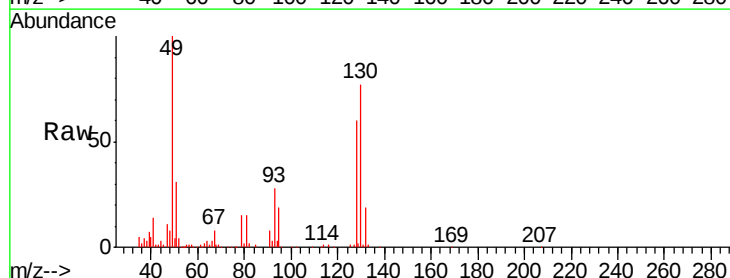
MMDadoda
11/27/2018 11:43:31 AM

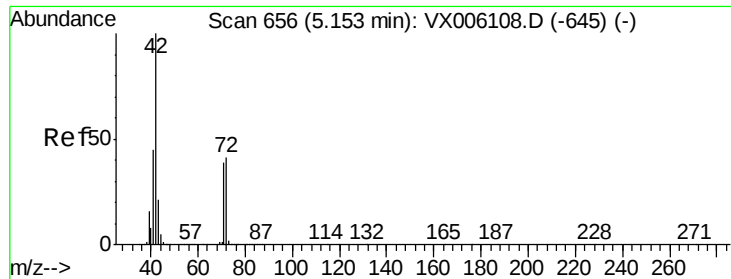


#28

Bromochloromethane
Concen: 20.81 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	78.6	61.6	92.4





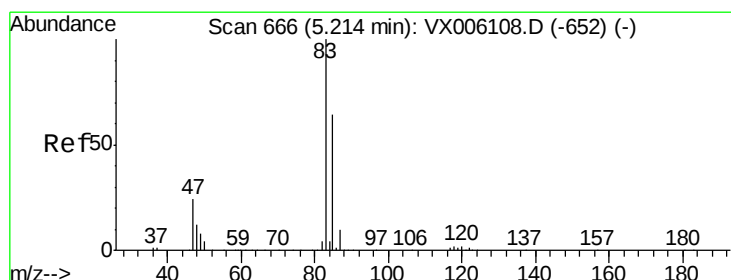
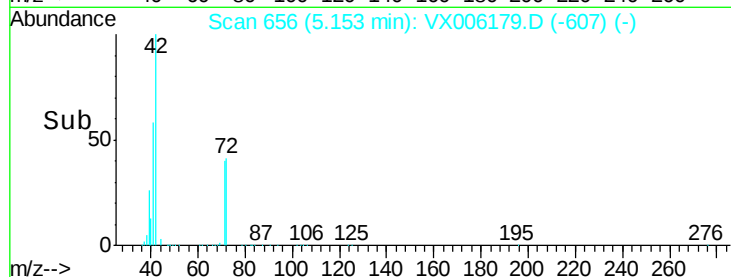
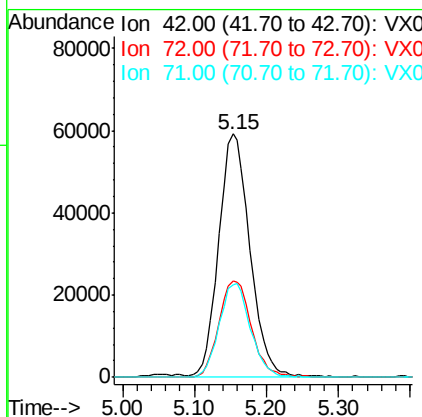
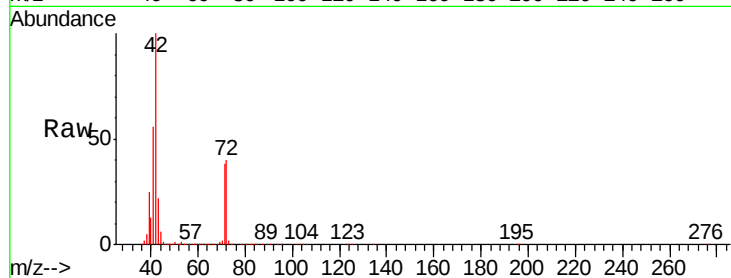
#29
Tetrahydrofuran
Concen: 102.98 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.0	49.6
71	39.3	31.0	46.4

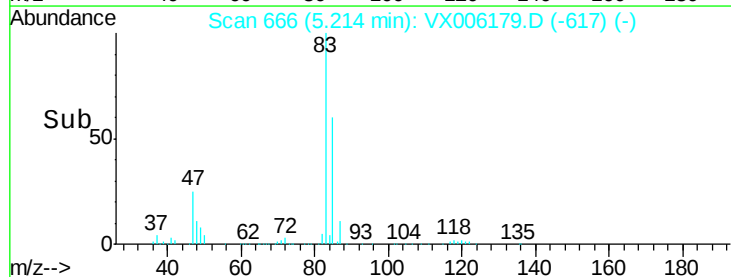
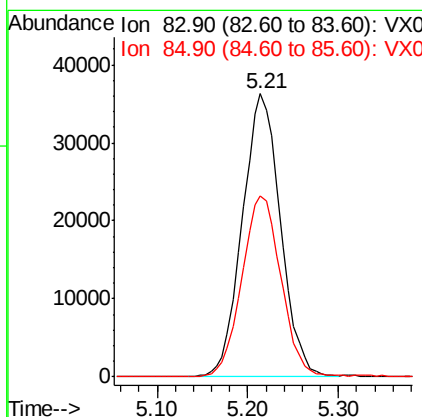
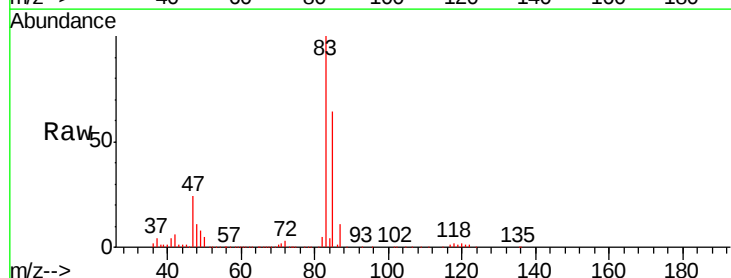
Manual Integrations
APPROVED

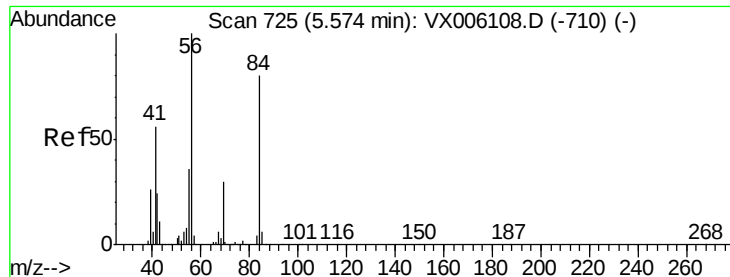
MMDadoda
11/27/2018 11:43:31 AM



#30
Chloroform
Concen: 20.29 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.0	76.4





#31

Cyclohexane

Concen: 19.57 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

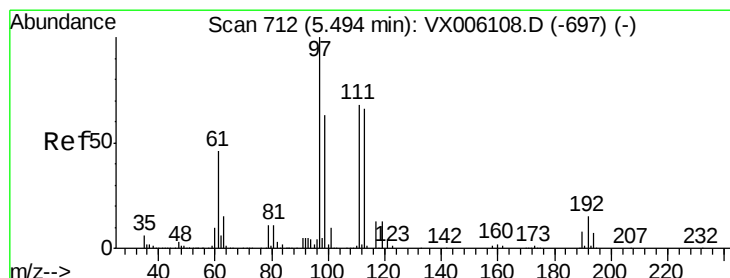
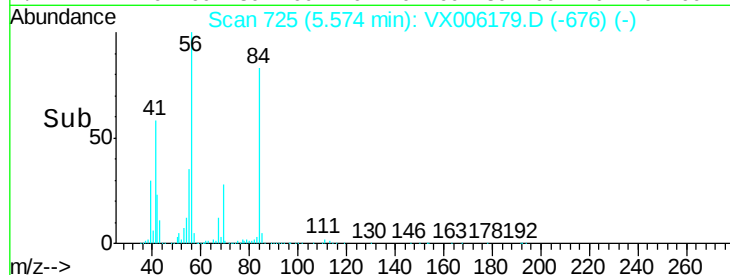
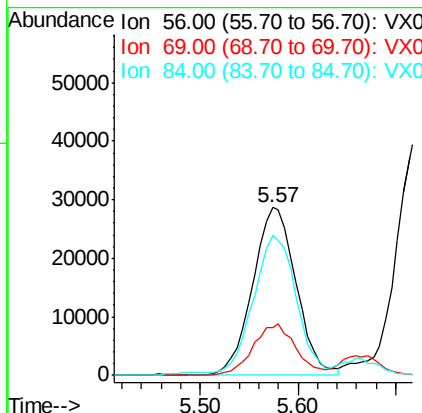
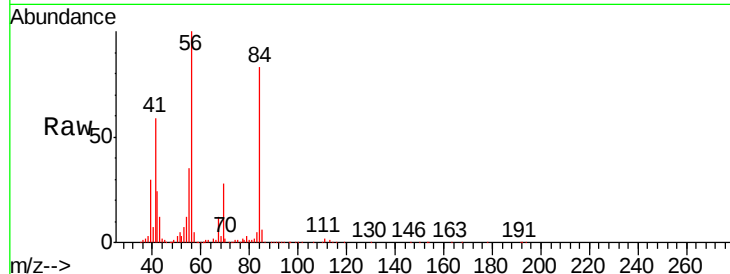
ClientSampleId :

VX1126WBSD01

Tgt Ion:	56	Resp:	88008
Ion Ratio	Lower	Upper	
56	100		
69	28.1	23.9	35.9
84	81.4	63.6	95.4

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#32

1,1,1-Trichloroethane

Concen: 21.46 ug/l

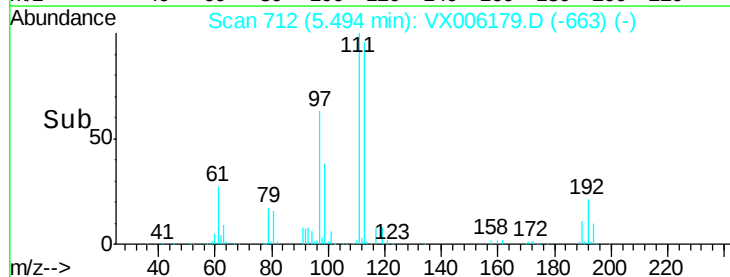
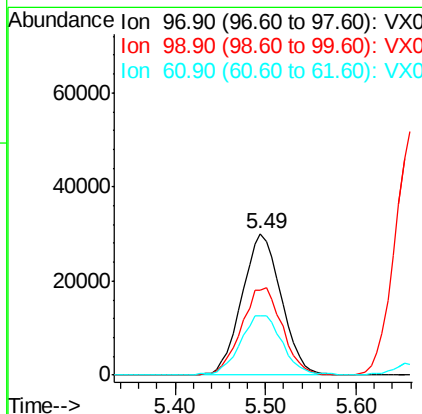
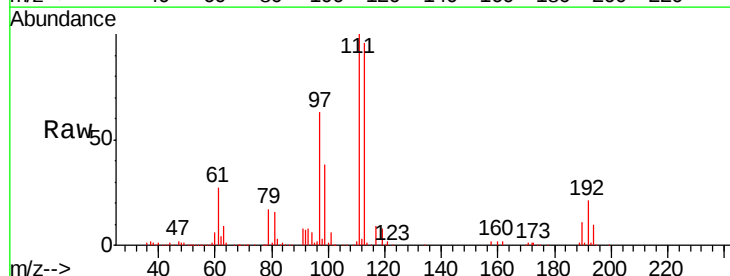
RT: 5.49 min Scan# 712

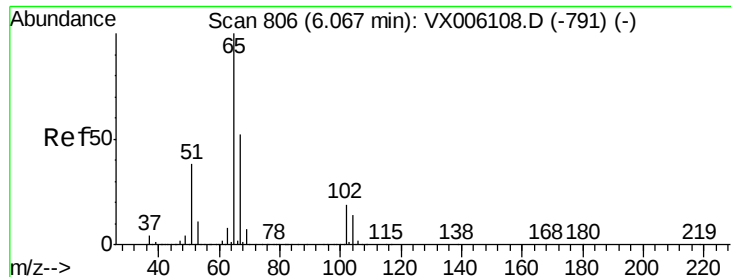
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	97	Resp:	90438
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.6	77.4
61	45.2	36.6	55.0





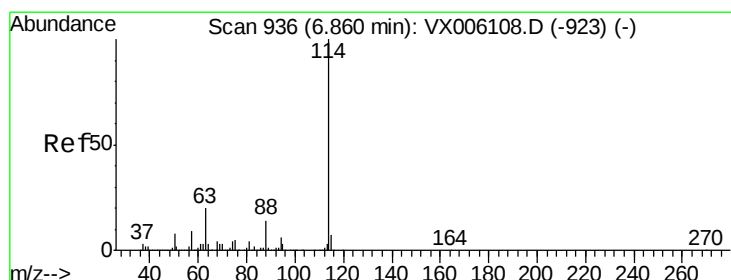
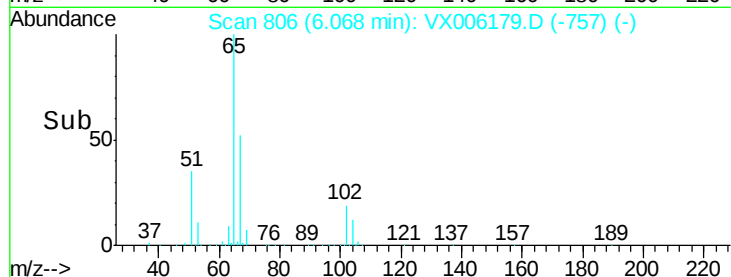
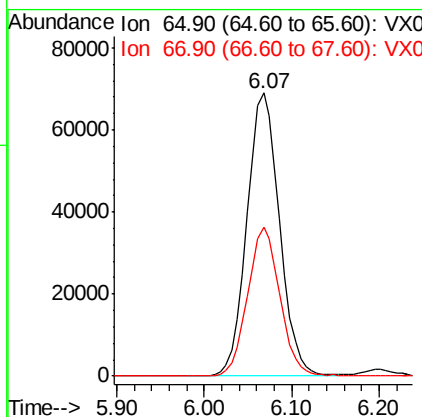
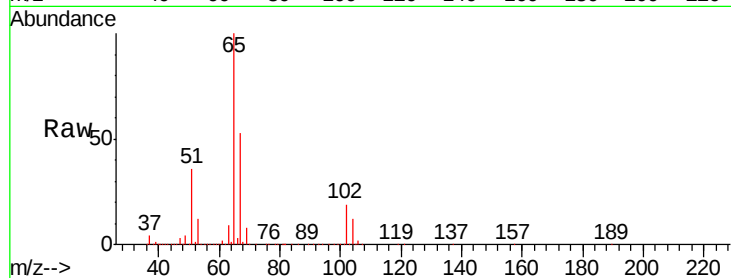
#33
 1,2-Dichloroethane-d4
 Concen: 53.02 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	177553		
67	52.3	0.0	105.8	

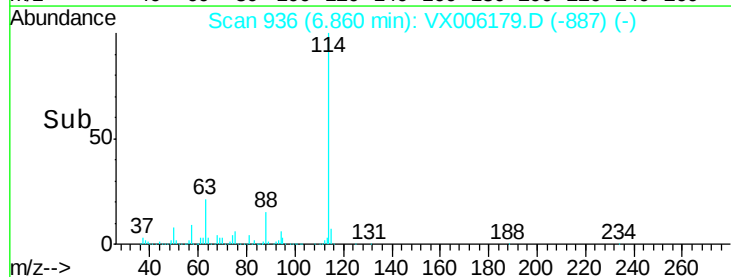
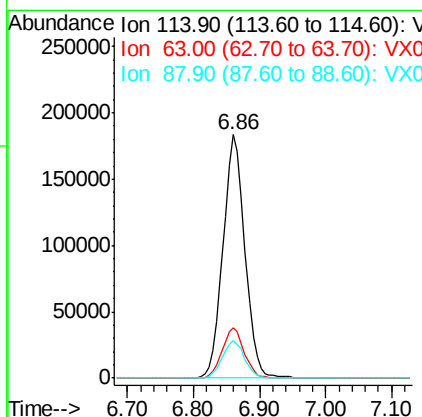
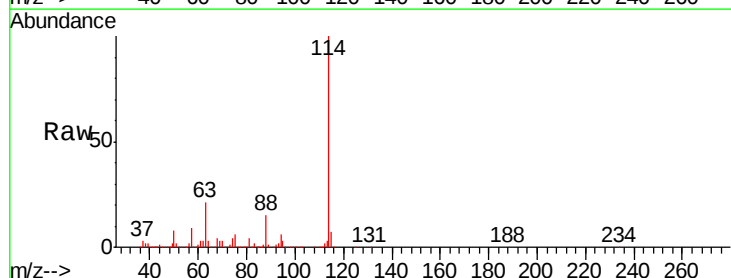
Manual Integrations
 APPROVED

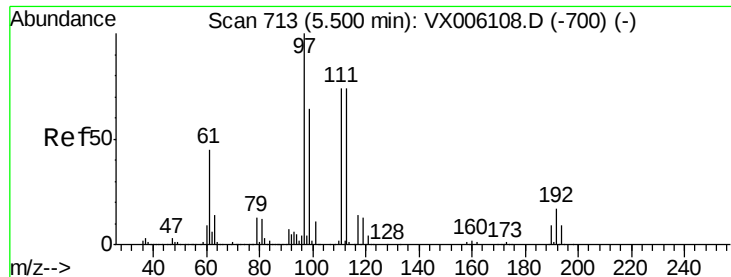
MMDadoda
 11/27/2018 11:43:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	421654		
63	20.8	0.0	39.2	
88	15.3	0.0	28.6	





#35

Dibromofluoromethane

Concen: 52.77 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

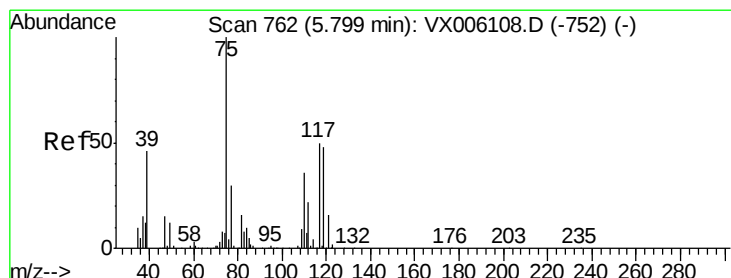
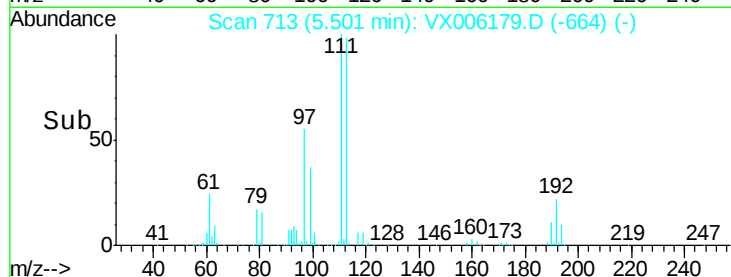
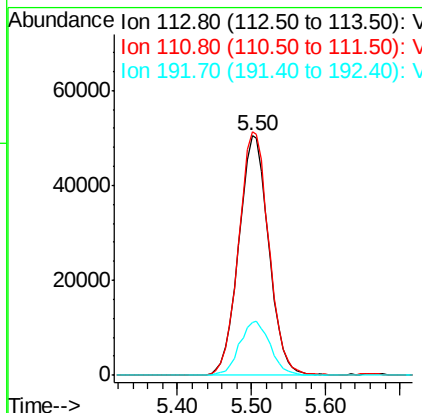
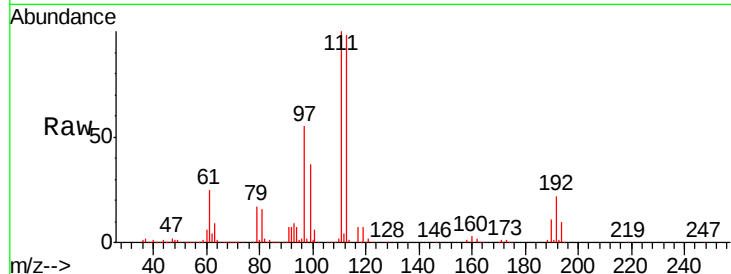
ClientSampleId :

VX1126WBSD01

Tgt Ion:	113	Resp:	142823
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.5	122.3
192	22.9	18.6	28.0

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#36

1,1-Dichloropropene

Concen: 19.54 ug/l

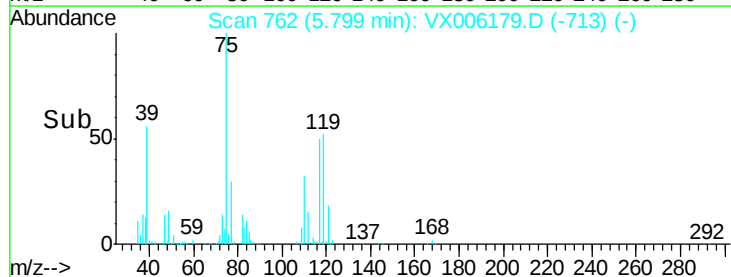
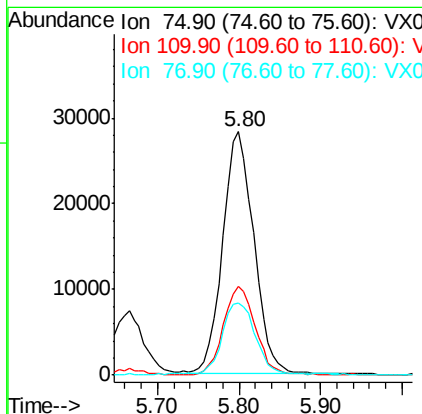
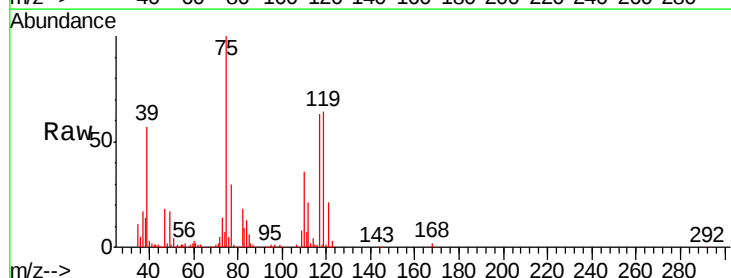
RT: 5.80 min Scan# 762

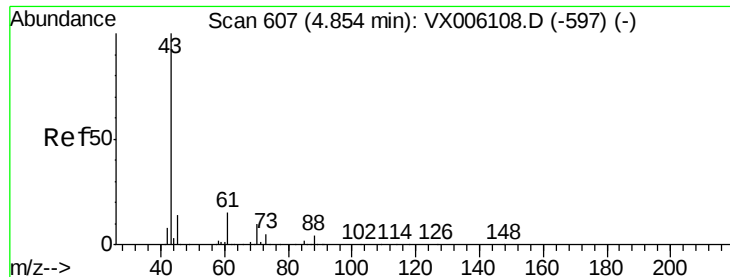
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	75	Resp:	74957
Ion Ratio	Lower	Upper	
75	100		
110	37.5	17.8	53.3
77	31.4	24.5	36.7





#37

Ethyl Acetate

Concen: 20.29 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

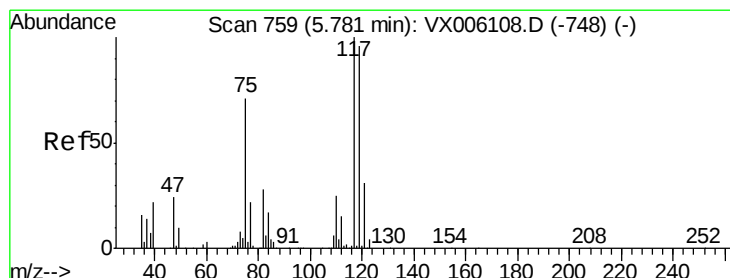
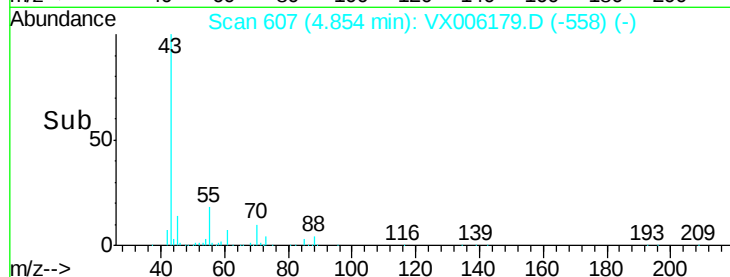
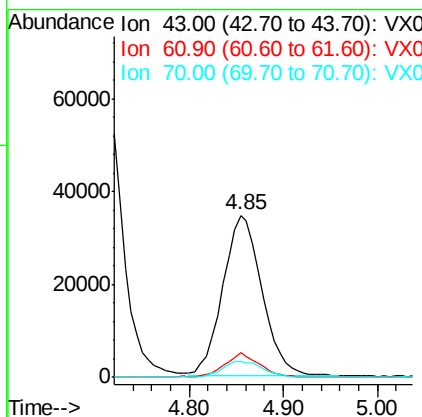
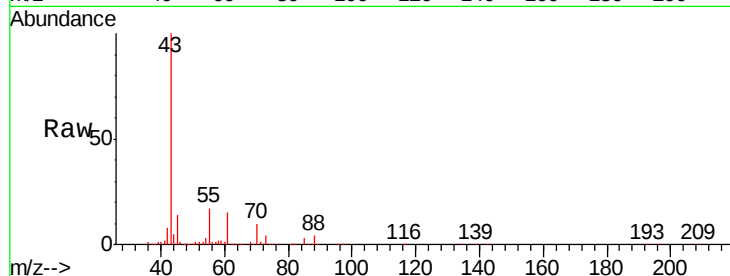
ClientSampleId :

VX1126WBSD01

Tgt Ion:	43	Resp:	100122
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	10.2	7.9	11.9

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#38

Carbon Tetrachloride

Concen: 21.47 ug/l

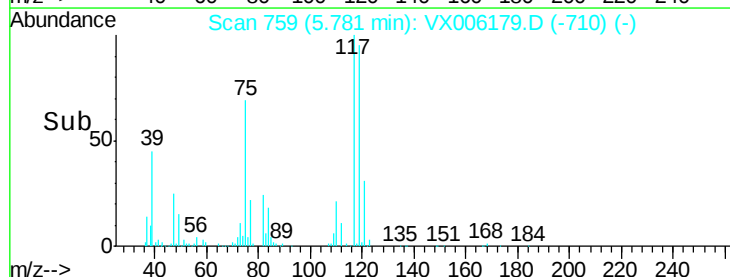
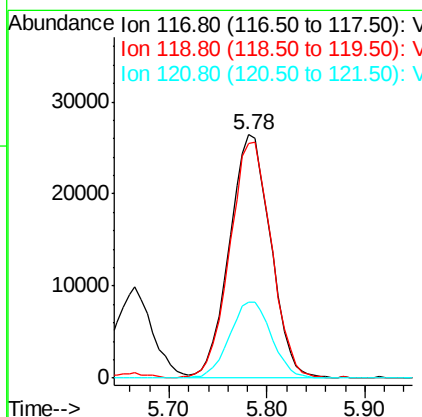
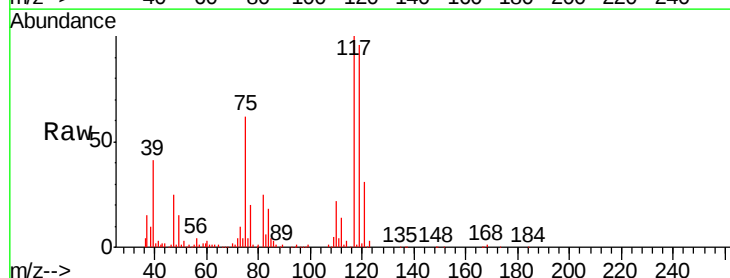
RT: 5.78 min Scan# 759

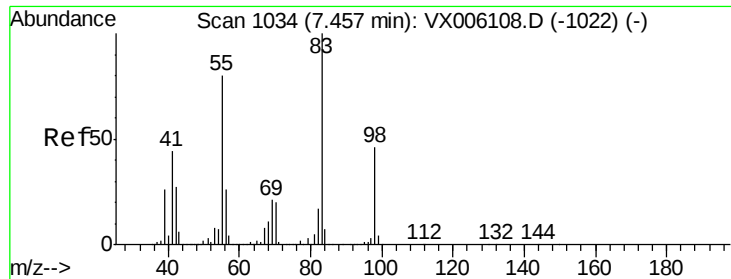
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	117	Resp:	77394
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
121	31.0	24.7	37.1





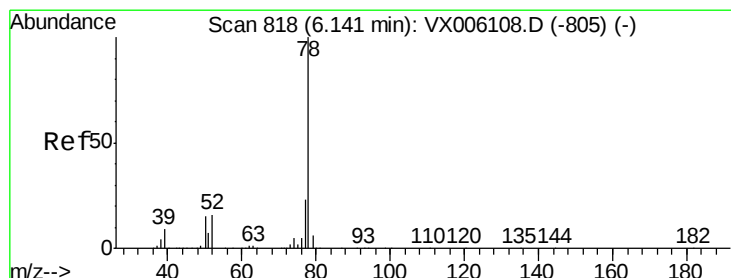
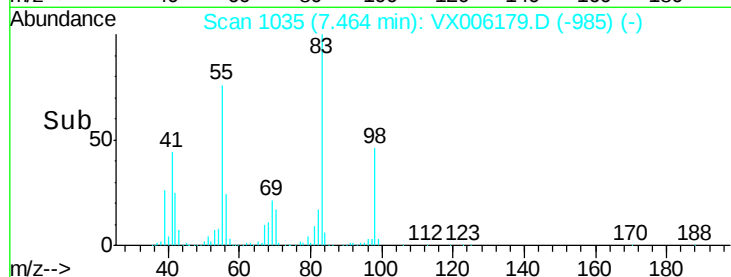
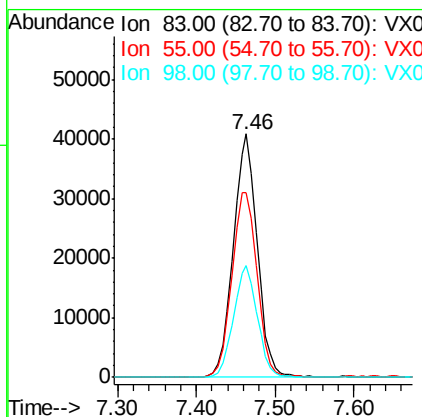
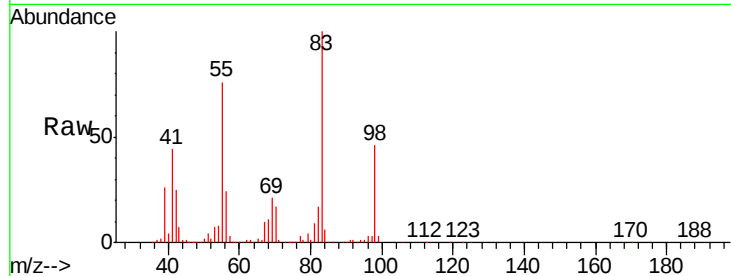
#39
Methylcyclohexane
Concen: 19.76 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	63.9	95.9
98	45.8	36.8	55.2

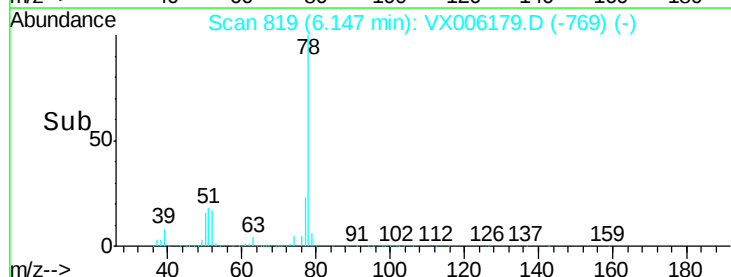
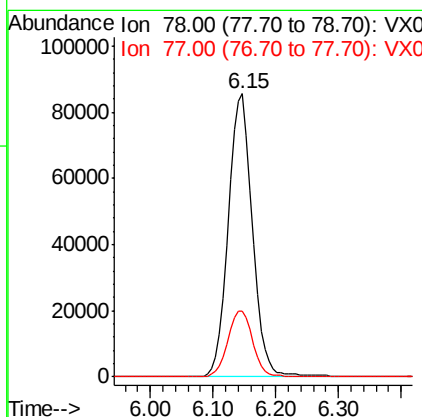
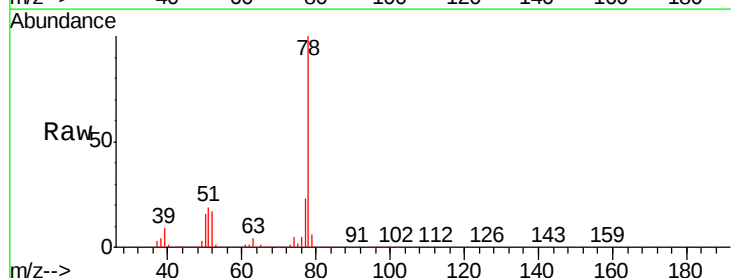
Manual Integrations
APPROVED

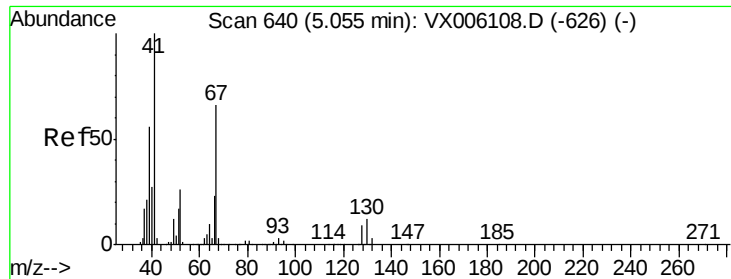
MMDadoda
11/27/2018 11:43:31 AM



#40
Benzene
Concen: 20.22 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41

Methacrylonitrile

Concen: 20.03 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

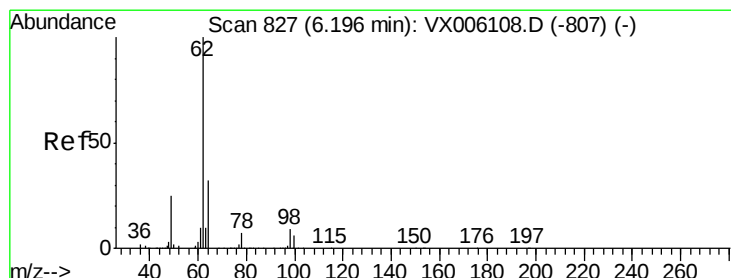
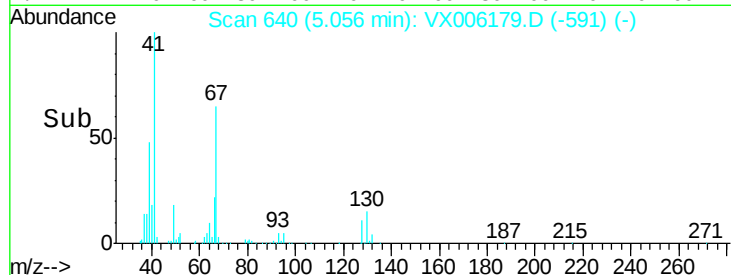
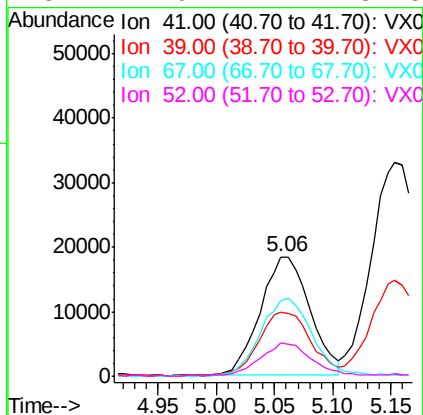
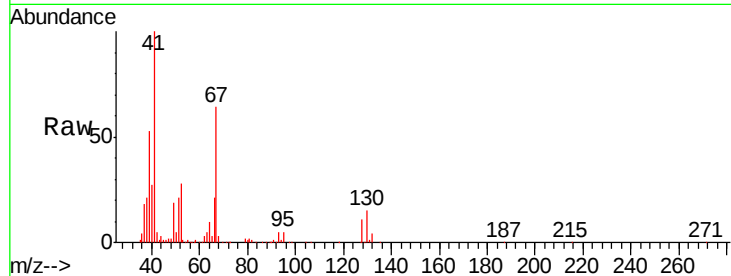
ClientSampleId :

VX1126WBSD01

Tgt Ion:	41	Resp:	54490
Ion Ratio	Lower	Upper	
41	100		
39	55.0	44.1	66.1
67	68.7	54.1	81.1
52	27.9	21.7	32.5

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#42

1,2-Dichloroethane

Concen: 20.33 ug/l

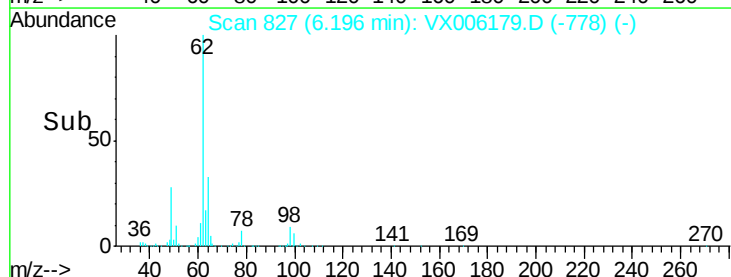
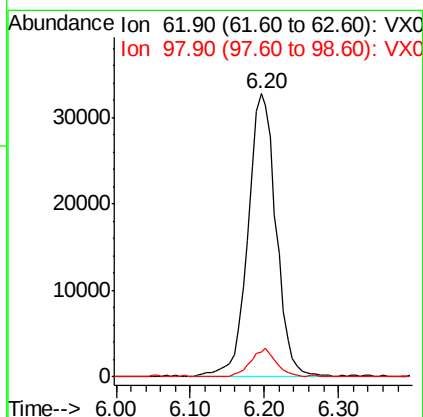
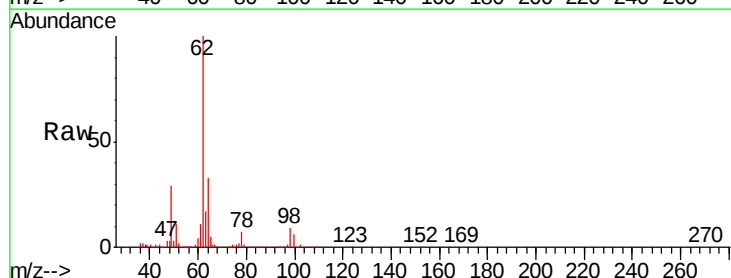
RT: 6.20 min Scan# 827

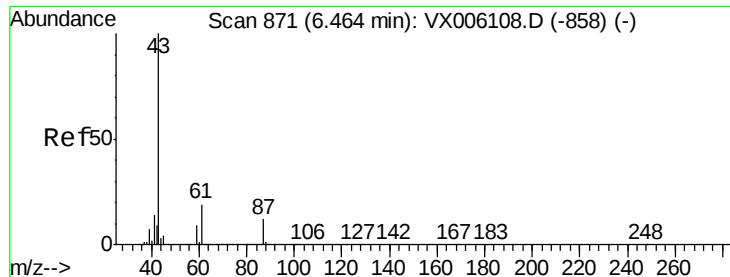
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	62	Resp:	85890
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 20.47 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

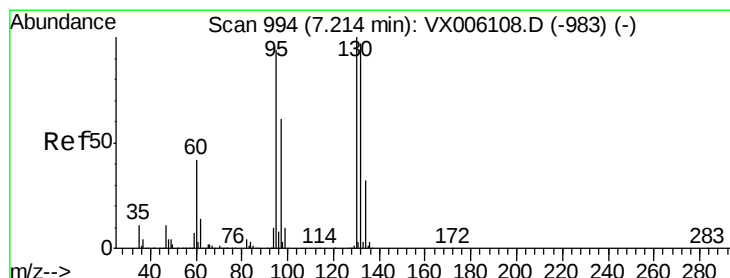
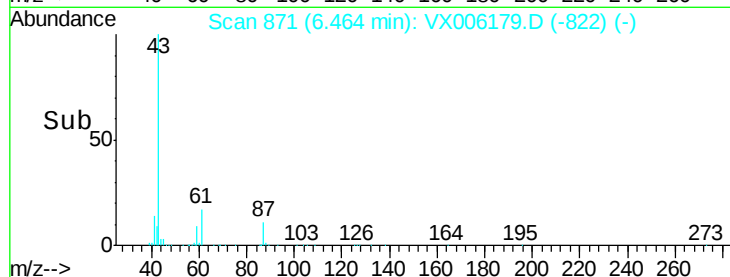
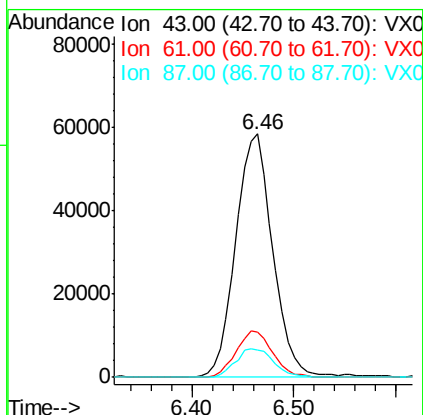
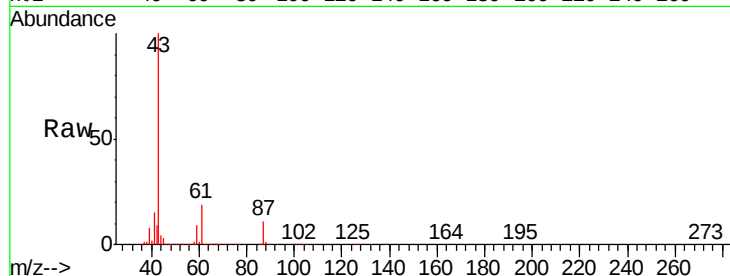
ClientSampleId :

VX1126WBSD01

Tgt Ion:	43	Resp:	145899
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#44

Trichloroethene

Concen: 19.90 ug/l

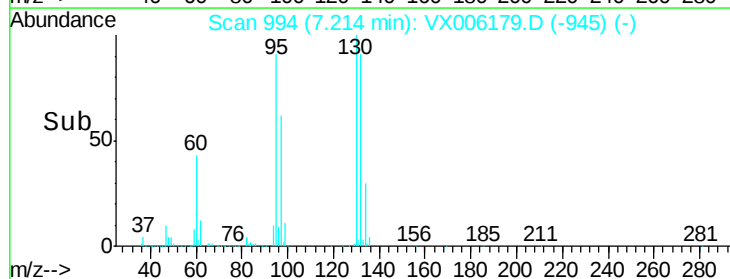
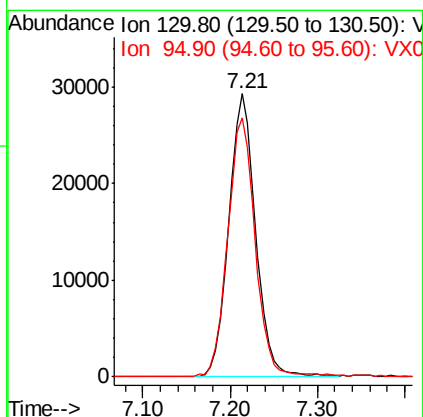
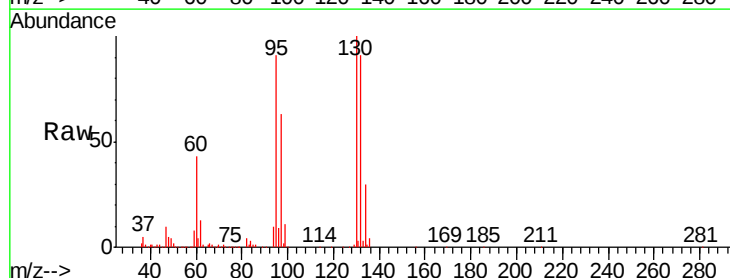
RT: 7.21 min Scan# 994

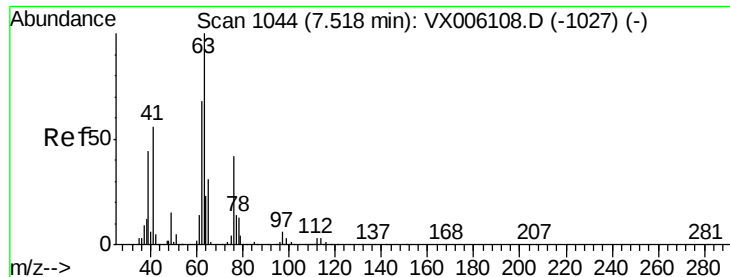
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	130	Resp:	62505
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	188.8





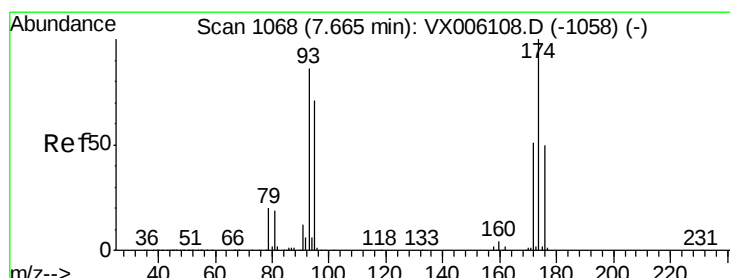
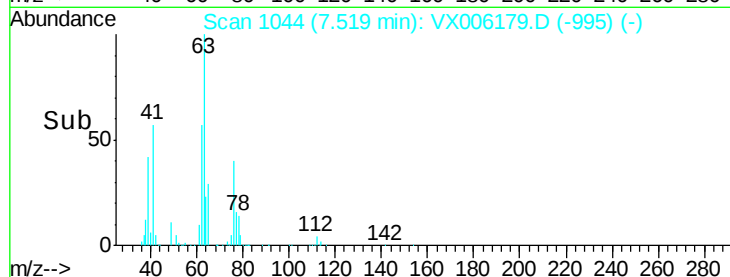
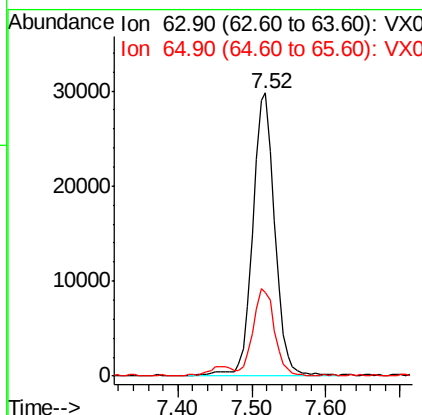
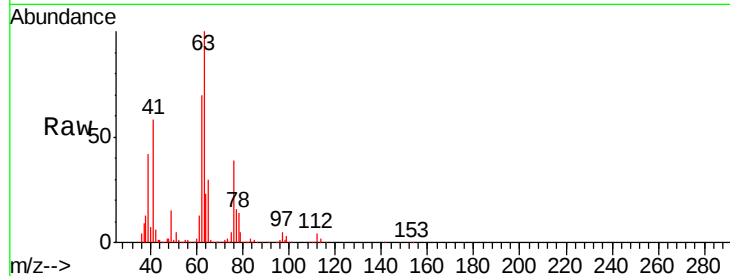
#45
1,2-Dichloropropane
Concen: 20.78 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion: 63 Resp: 62137
Ion Ratio Lower Upper
63 100
65 29.4 24.8 37.2

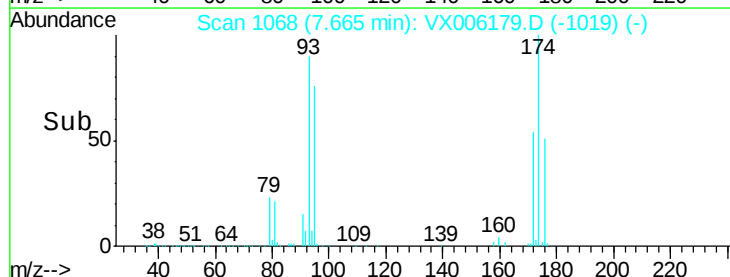
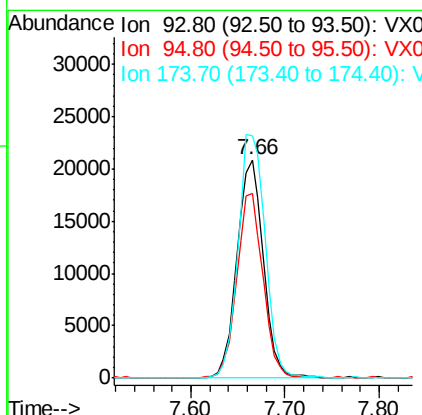
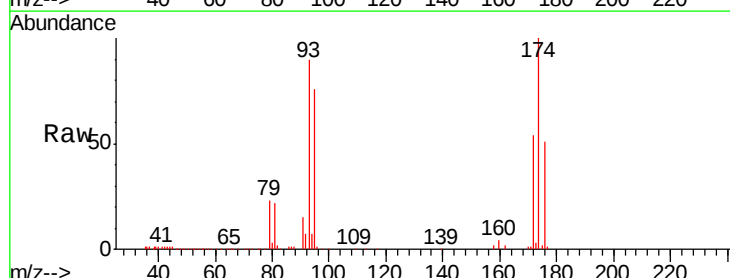
Manual Integrations
APPROVED

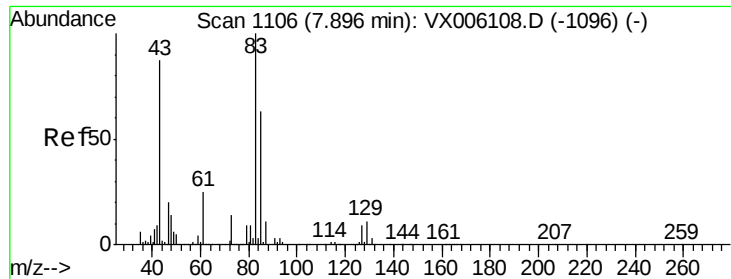
MMDadoda
11/27/2018 11:43:31 AM



#46
Dibromomethane
Concen: 19.98 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 93 Resp: 40927
Ion Ratio Lower Upper
93 100
95 84.2 66.3 99.5
174 114.8 91.0 136.6





#47

Bromodichloromethane

Concen: 20.32 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

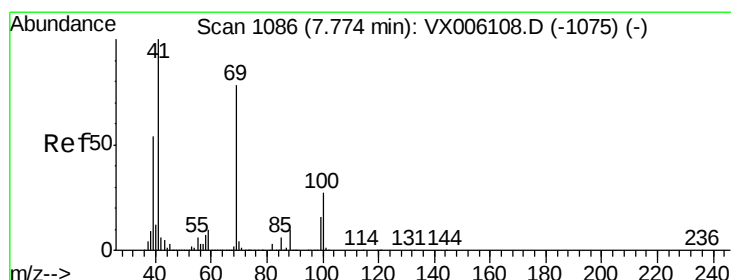
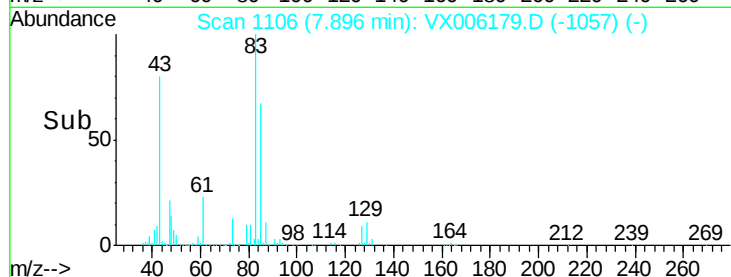
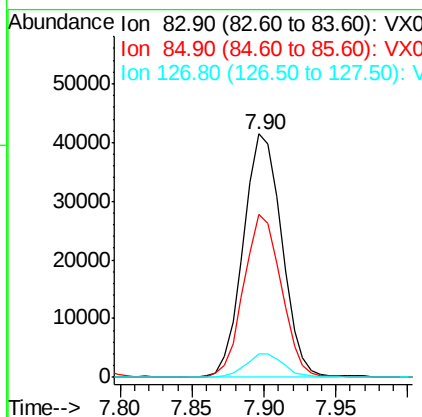
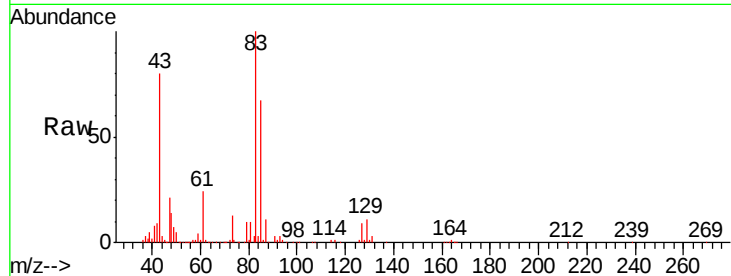
ClientSampleId :

VX1126WBSD01

Tgt Ion:	83	Resp:	76961
Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.4	75.6
127	9.4	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#48

Methyl methacrylate

Concen: 21.39 ug/l

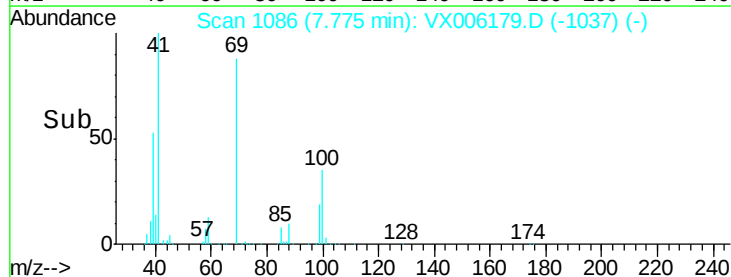
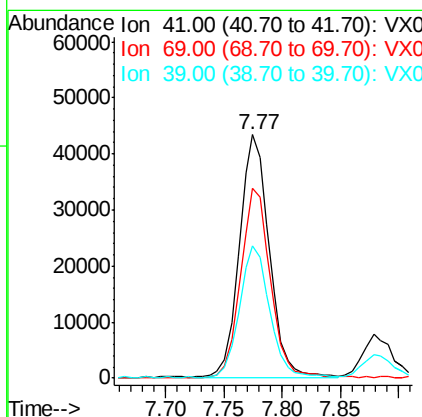
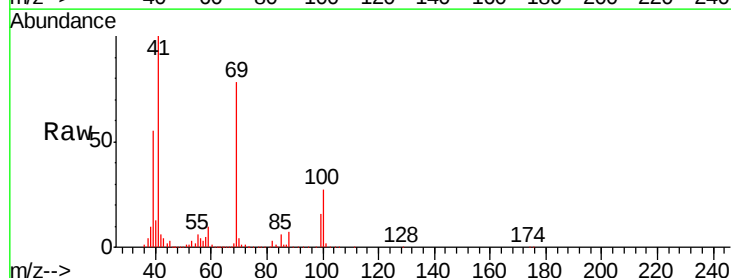
RT: 7.77 min Scan# 1086

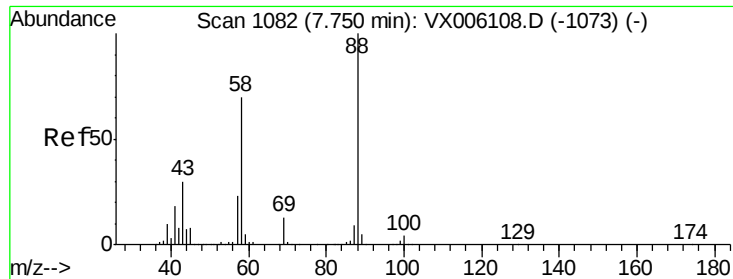
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	41	Resp:	77320
Ion	Ratio	Lower	Upper
41	100		
69	79.0	62.8	94.2
39	54.3	43.8	65.6





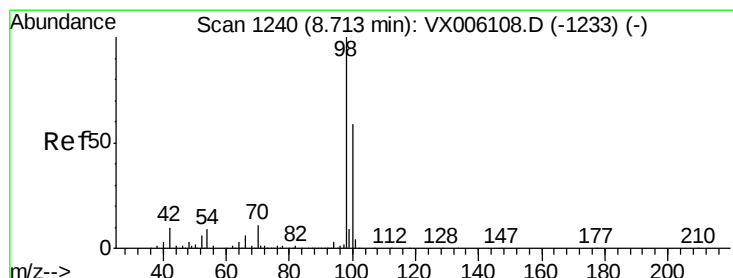
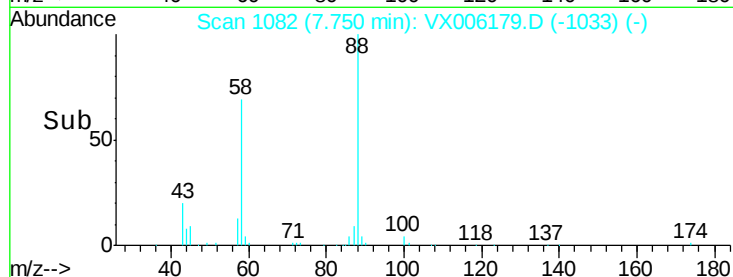
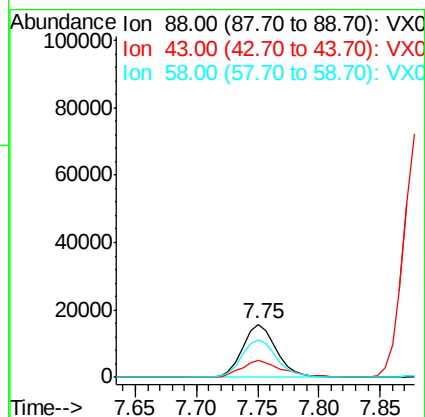
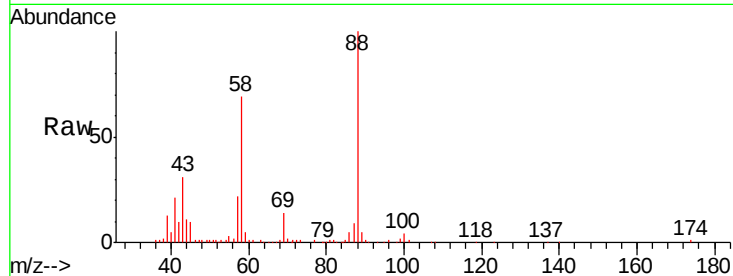
#49
1,4-Dioxane
Concen: 351.23 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.6	26.7	40.1
58	74.1	58.5	87.7

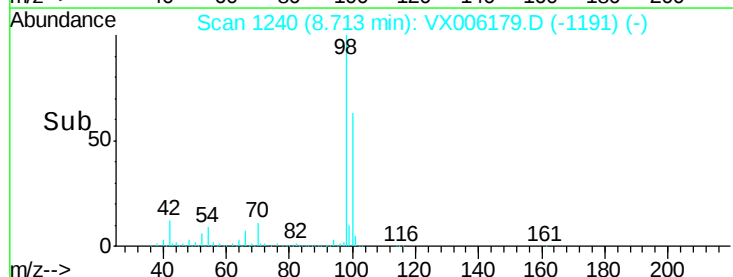
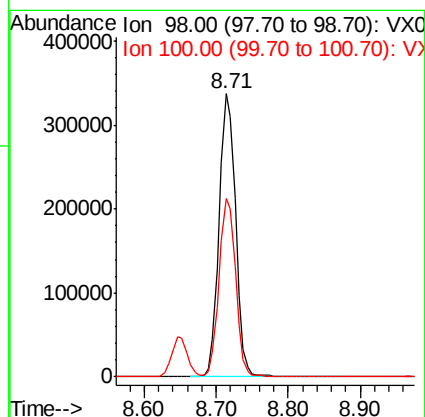
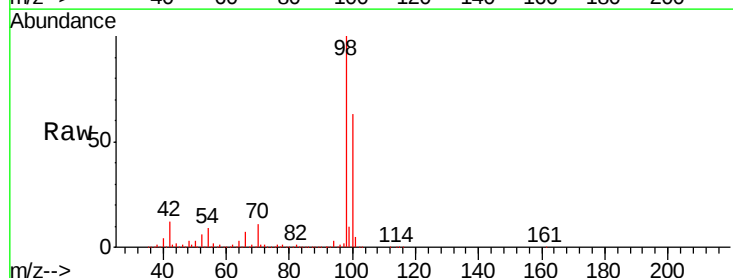
Manual Integrations
APPROVED

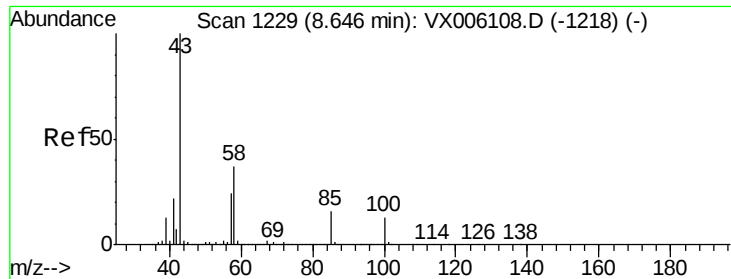
MMDadoda
11/27/2018 11:43:31 AM



#50
Toluene-d8
Concen: 51.62 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.0	76.4





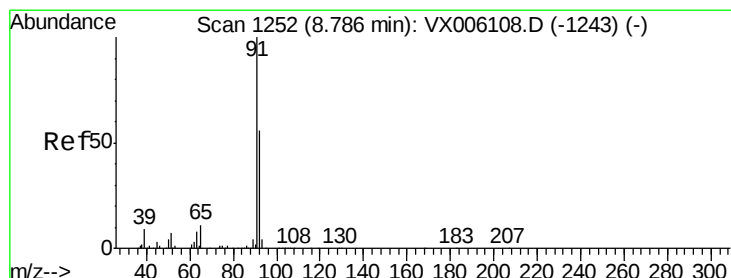
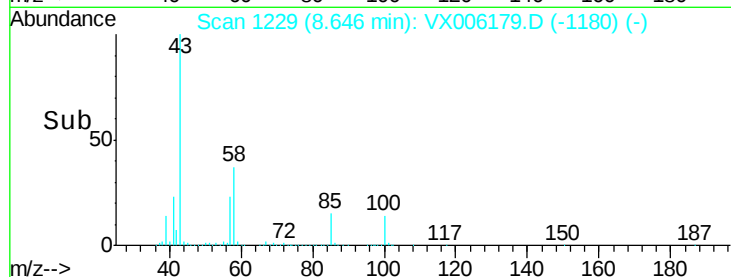
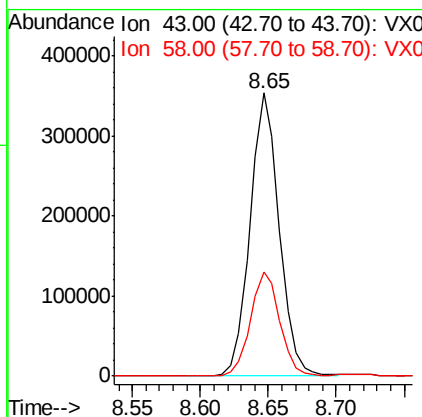
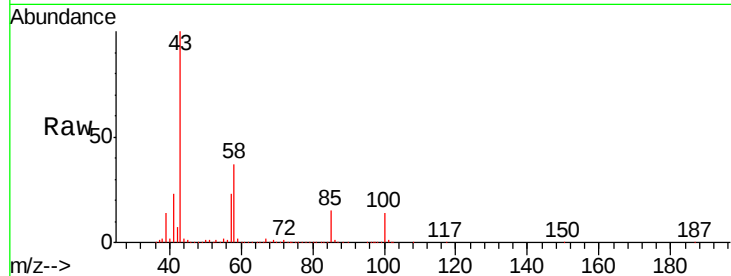
#51
 4-Methyl-2-Pentanone
 Concen: 103.71 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion: 43 Resp: 529889
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.9 44.9

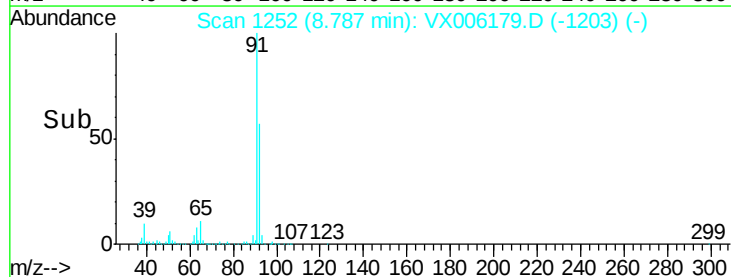
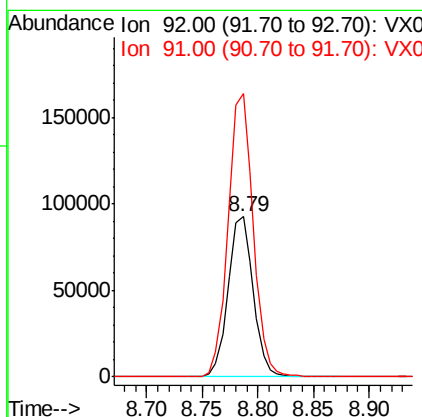
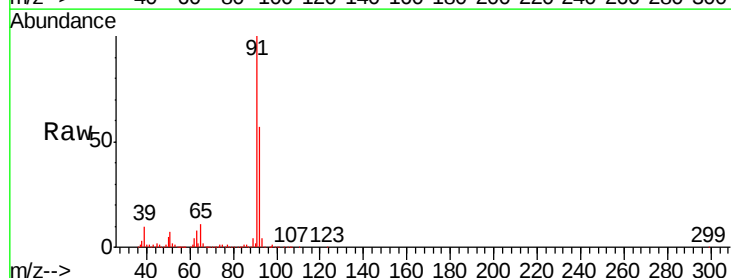
Manual Integrations
 APPROVED

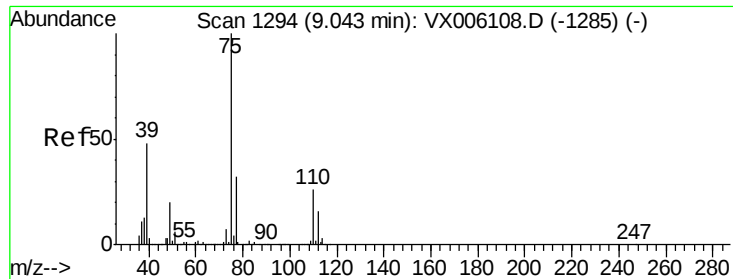
MMDadoda
 11/27/2018 11:43:31 AM



#52
 Toluene
 Concen: 20.65 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 92 Resp: 144356
 Ion Ratio Lower Upper
 92 100
 91 177.1 142.5 213.7





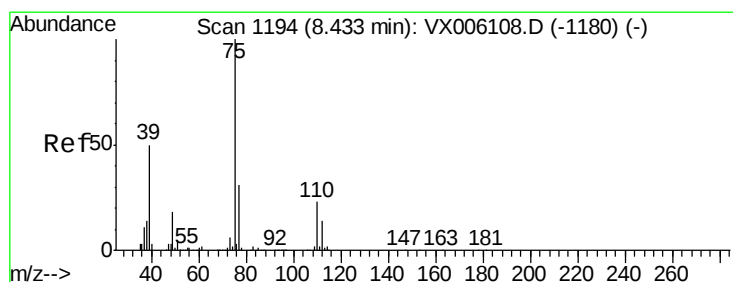
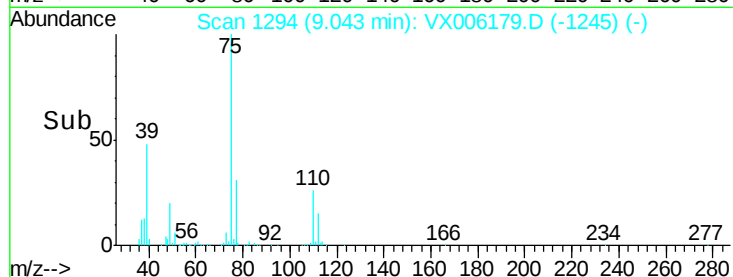
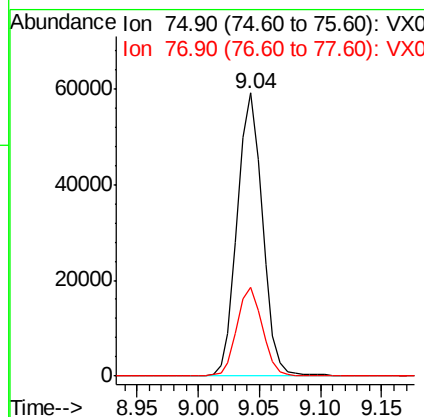
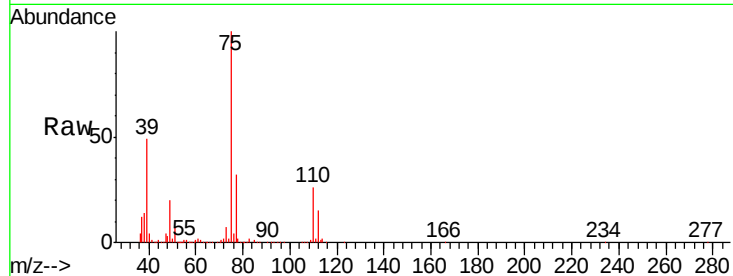
#53
t-1,3-Dichloropropene
Concen: 21.45 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion: 75 Resp: 84792
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

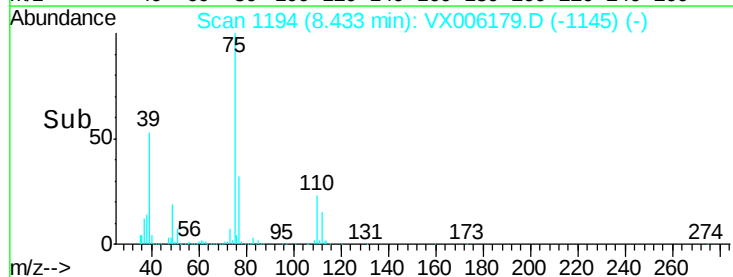
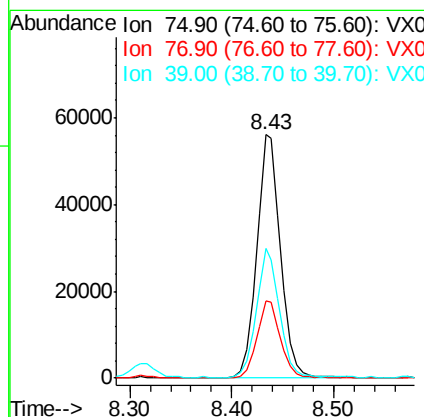
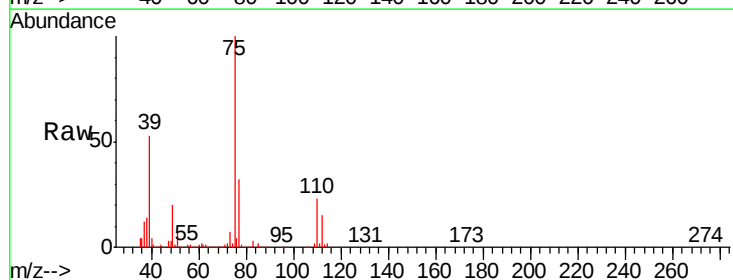
Manual Integrations
APPROVED

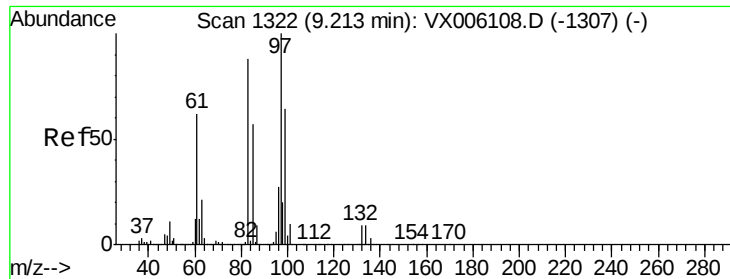
MMDadoda
11/27/2018 11:43:31 AM



#54
cis-1,3-Dichloropropene
Concen: 20.86 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 75 Resp: 91183
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 52.9 40.3 60.5





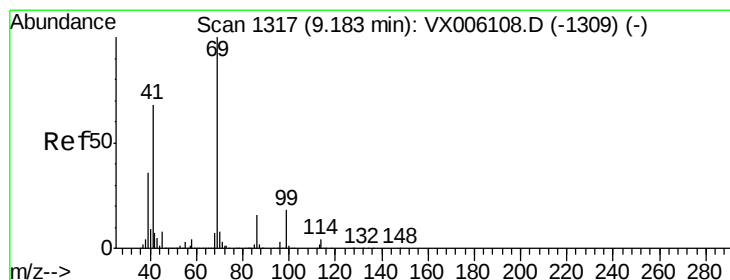
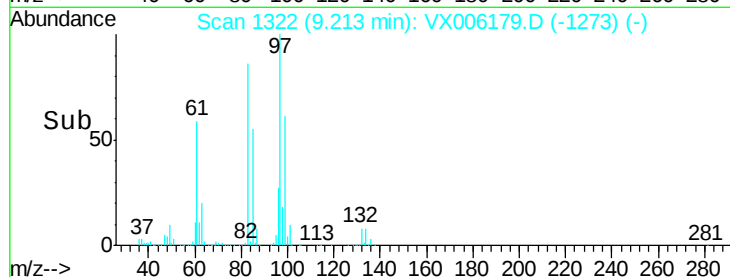
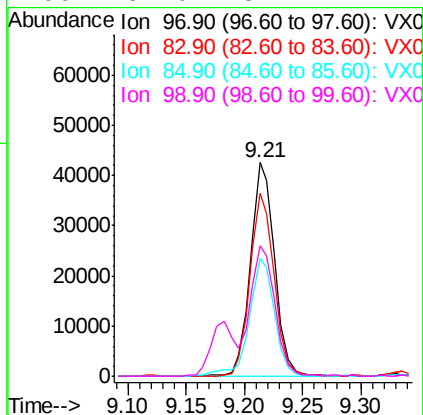
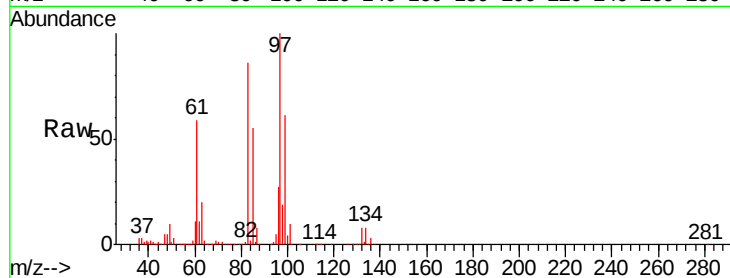
#55
1,1,2-Trichloroethane
Concen: 20.41 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.7	106.1
85	54.8	45.7	68.5
99	61.0	51.4	77.2

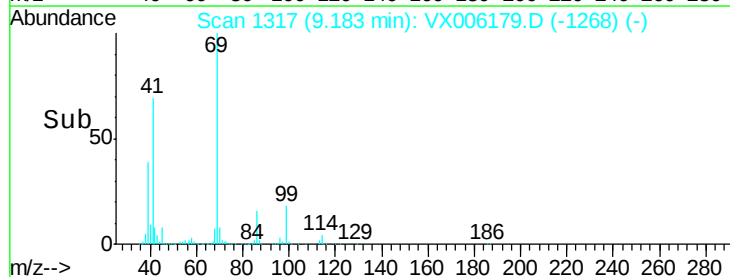
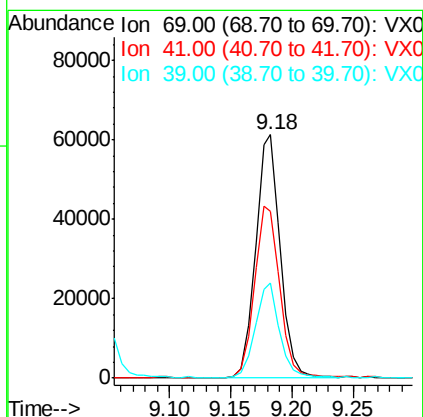
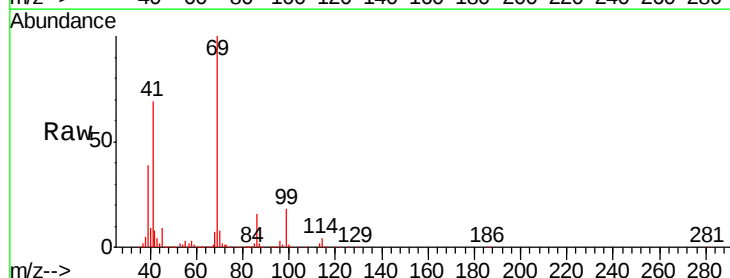
Manual Integrations
APPROVED

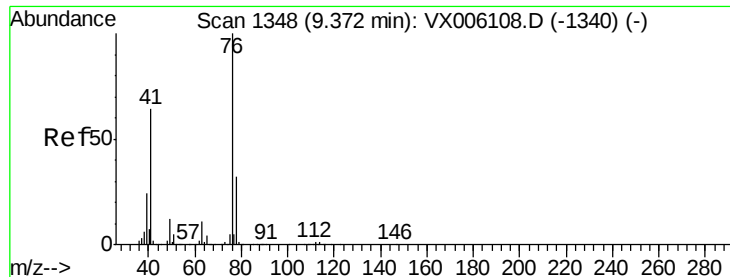
MMDadoda
11/27/2018 11:43:31 AM



#56
Ethyl methacrylate
Concen: 20.08 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.2	84.4
39	38.4	29.4	44.0





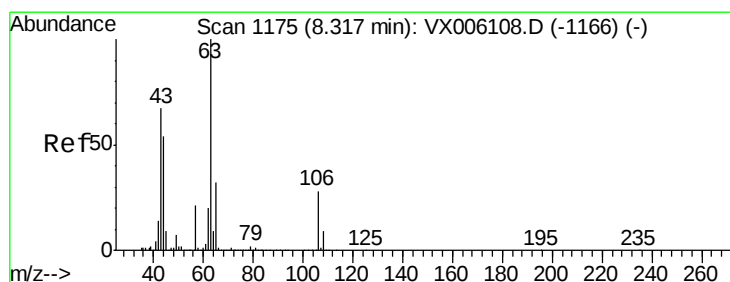
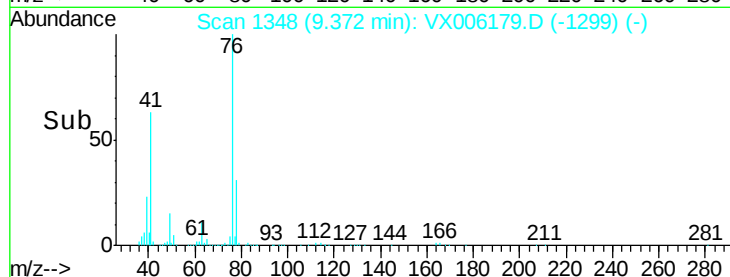
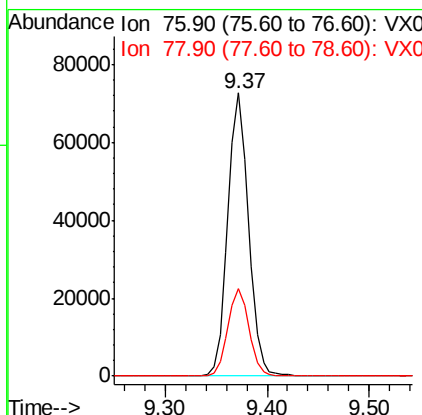
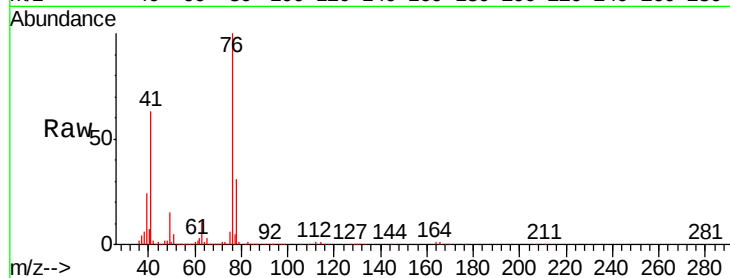
#57
 1,3-Dichloropropane
 Concen: 20.51 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion: 76 Resp: 102336
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5

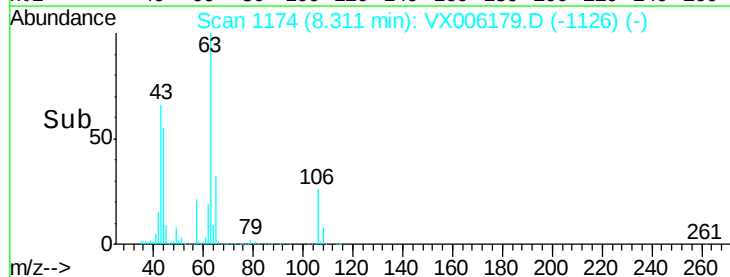
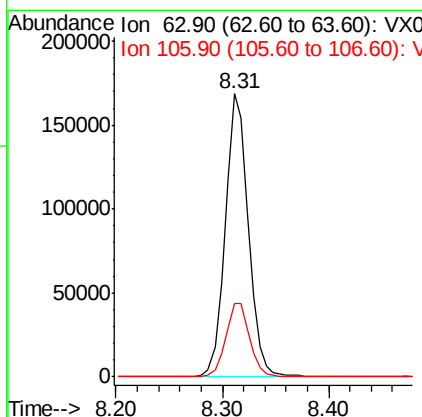
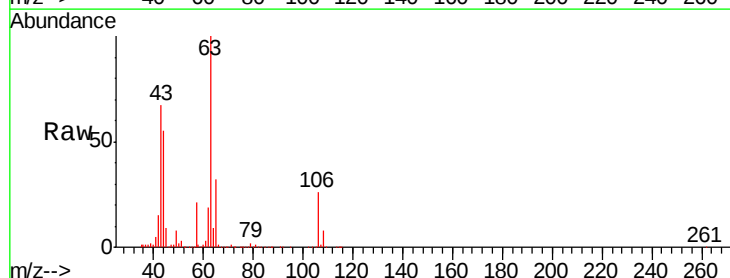
Manual Integrations
 APPROVED

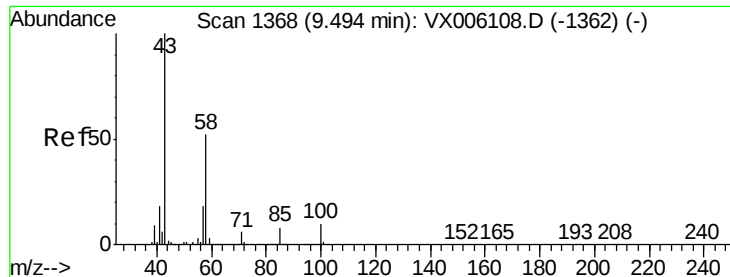
MMDadoda
 11/27/2018 11:43:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.33 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion: 63 Resp: 255809
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.7 32.5





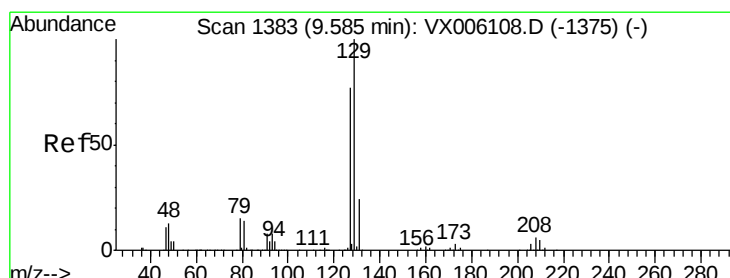
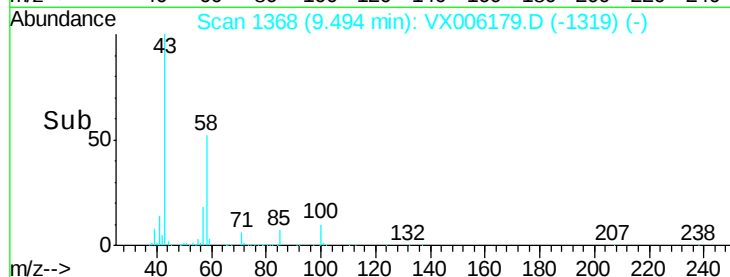
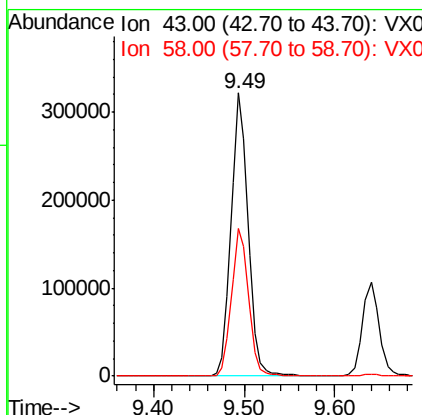
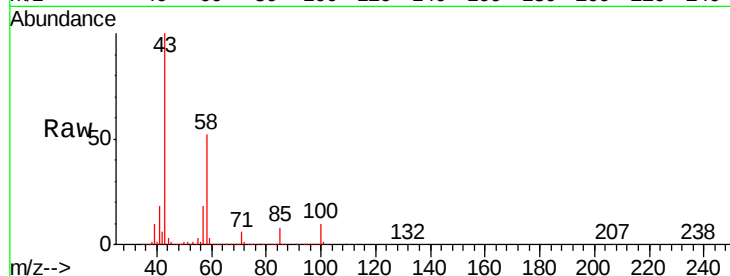
#59
2-Hexanone
Concen: 103.75 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion: 43 Resp: 420714
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.9

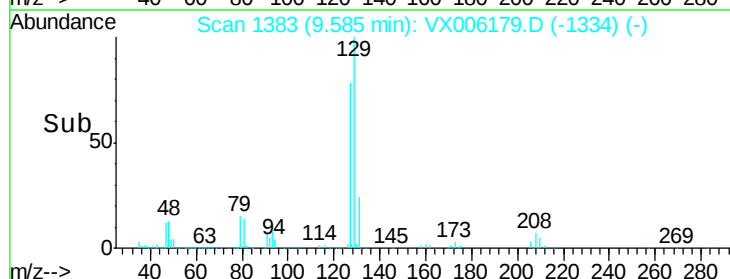
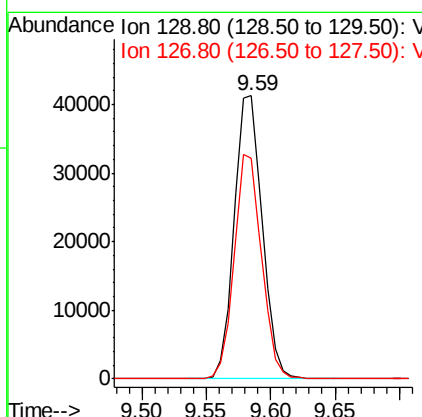
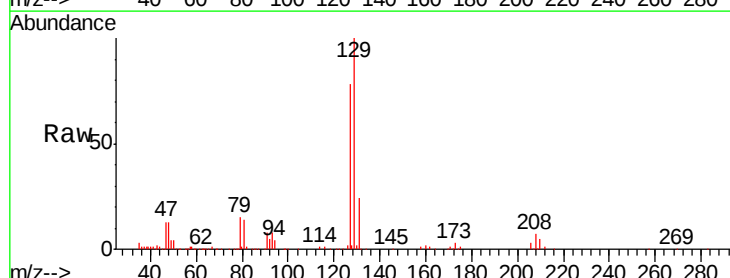
Manual Integrations
APPROVED

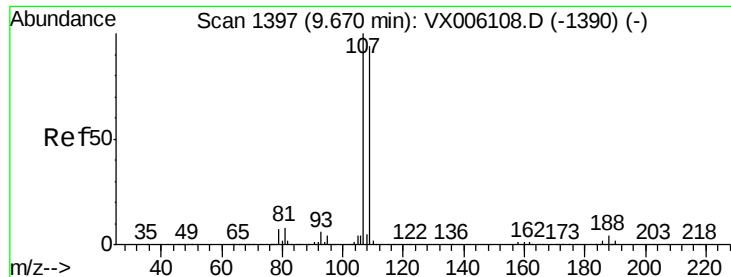
MMDadoda
11/27/2018 11:43:31 AM



#60
Dibromochloromethane
Concen: 21.13 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion: 129 Resp: 62716
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.82 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 107 Resp: 64924

Ion Ratio Lower Upper

107 100

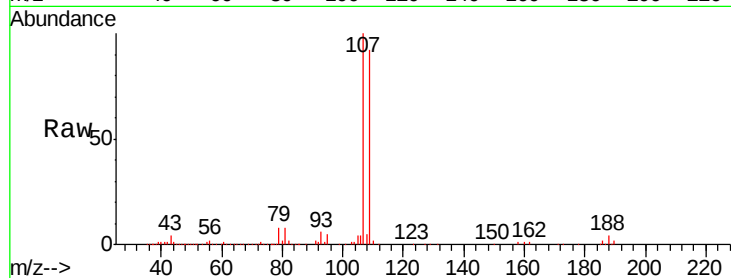
109 93.4 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

50000

40000

30000

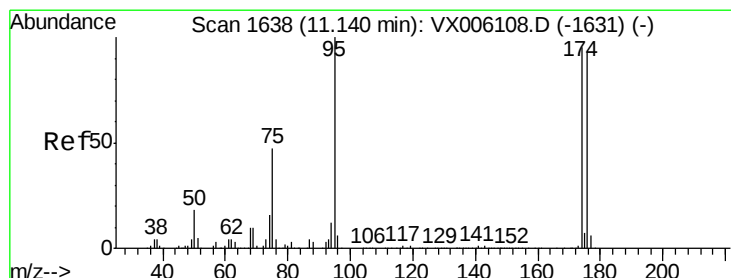
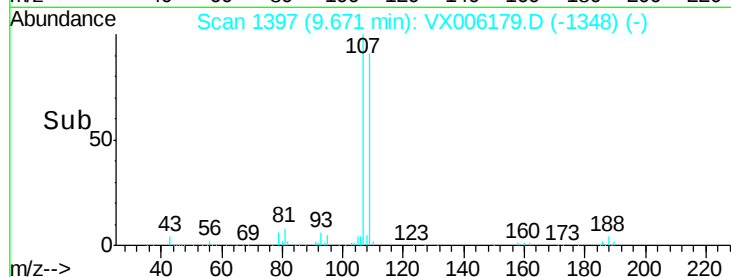
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.40 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

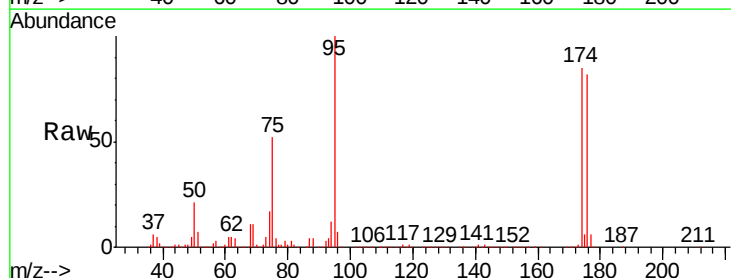
Tgt Ion: 95 Resp: 191341

Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.4

176 90.7 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

200000

150000

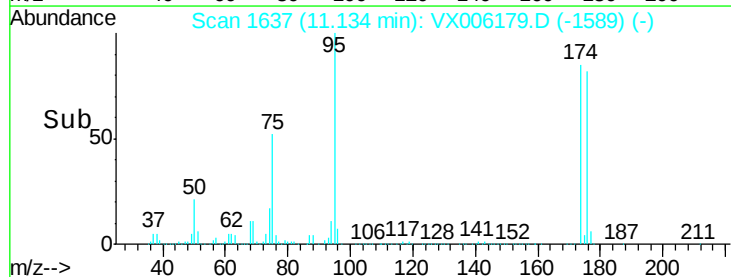
100000

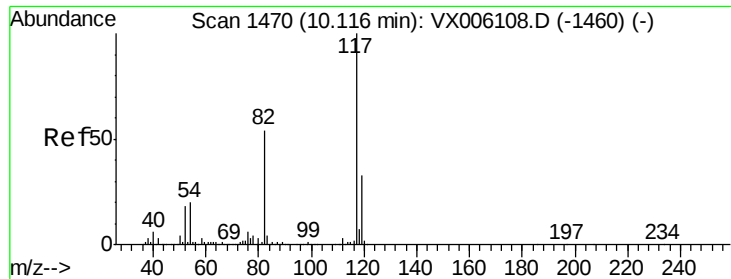
50000

0

11.10 11.20

Time-->





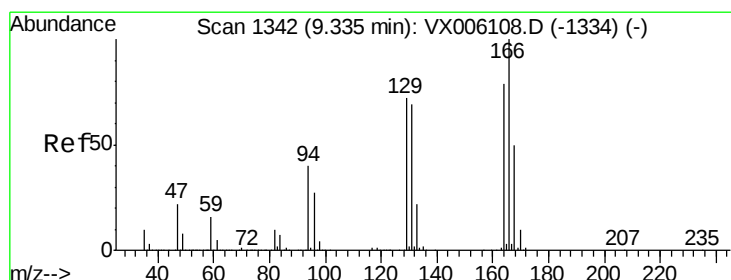
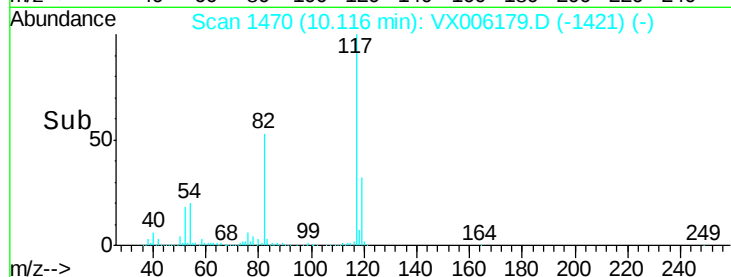
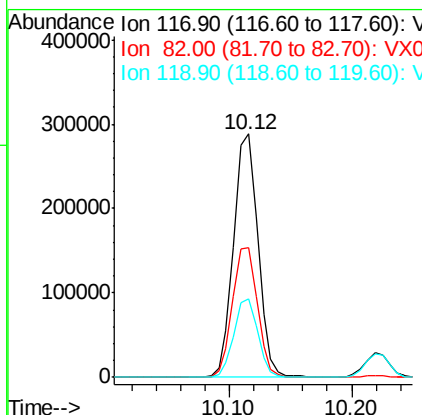
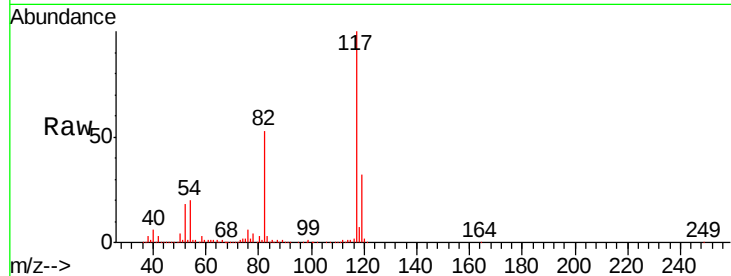
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	397404		
82	53.1	43.0	64.4	
119	32.2	26.1	39.1	

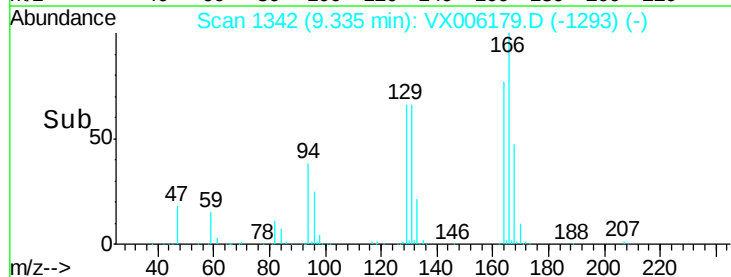
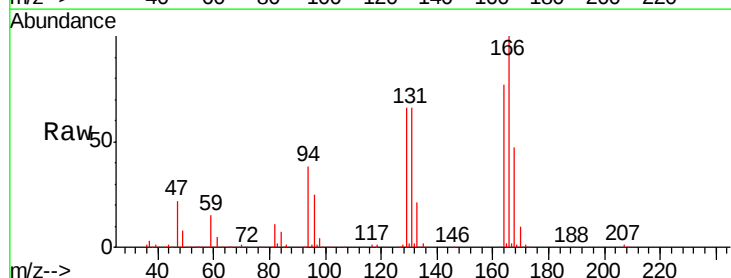
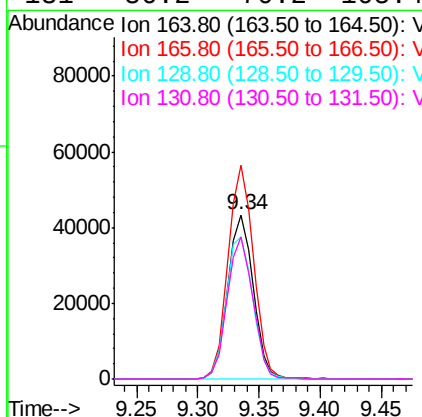
Manual Integrations
APPROVED

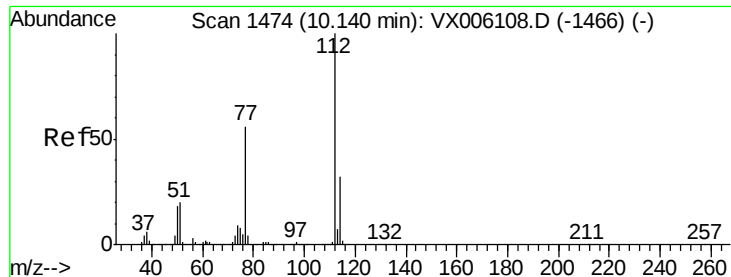
MMDadoda
11/27/2018 11:43:31 AM



#64
Tetrachloroethene
Concen: 19.15 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62644		
166	130.1	101.5	152.3	
129	86.3	73.4	110.0	
131	86.2	70.2	105.4	





#65

Chlorobenzene

Concen: 20.39 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion:112 Resp: 166251

Ion Ratio Lower Upper

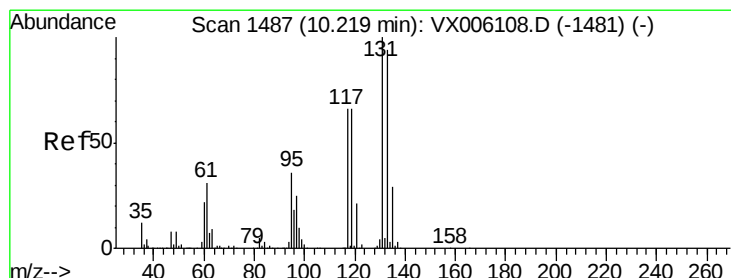
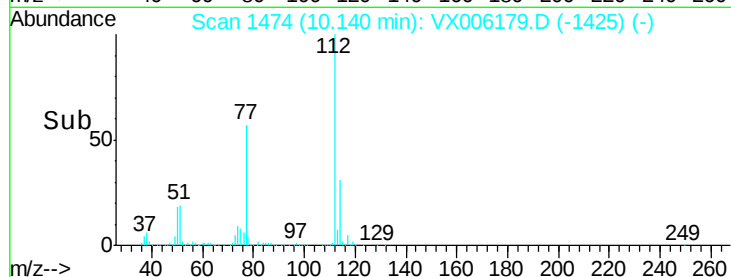
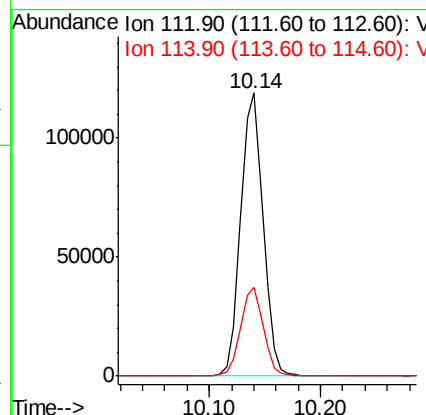
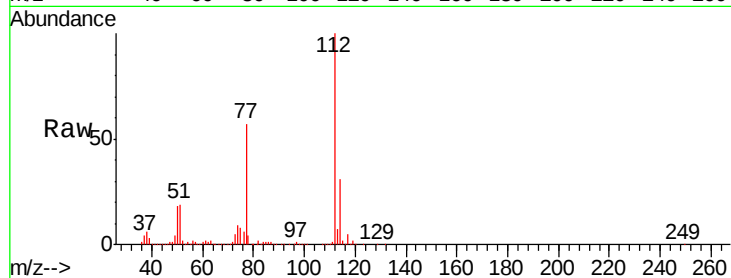
112 100

114 31.5 25.6 38.4

Manual Integrations
APPROVED

MMDadoda

11/27/2018 11:43:31 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 21.08 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

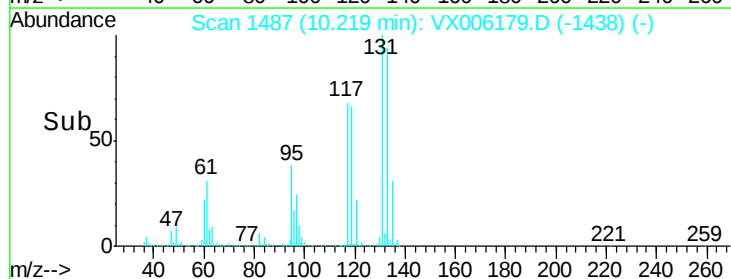
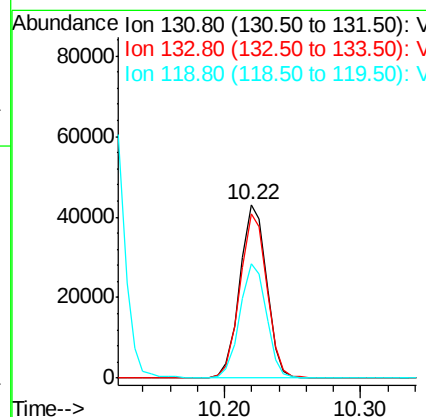
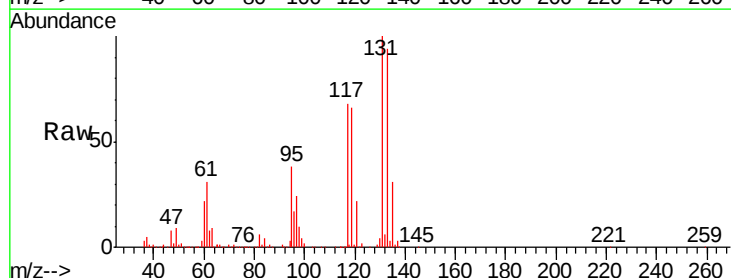
Tgt Ion:131 Resp: 59004

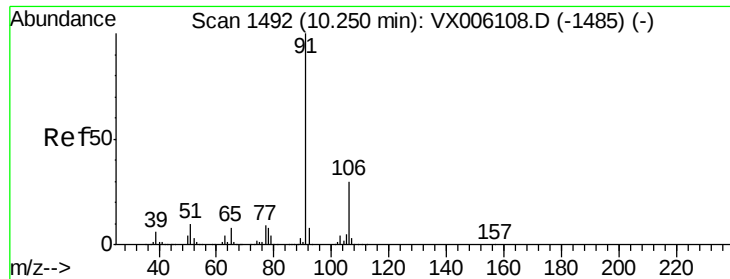
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

119 66.3 32.6 97.8





#67

Ethyl Benzene

Concen: 20.60 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 91 Resp: 274974

Ion Ratio Lower Upper

91 100

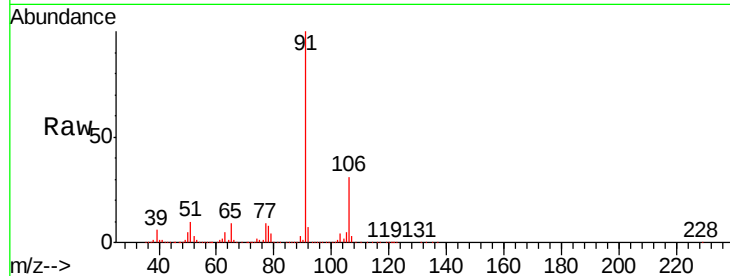
106 30.7 24.4 36.6

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006108.D (-1485) (-)

300000

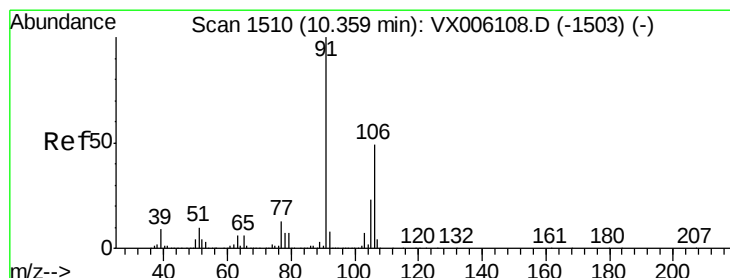
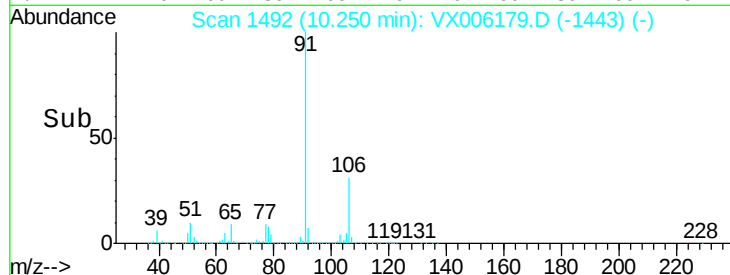
200000

100000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 41.27 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006179.D

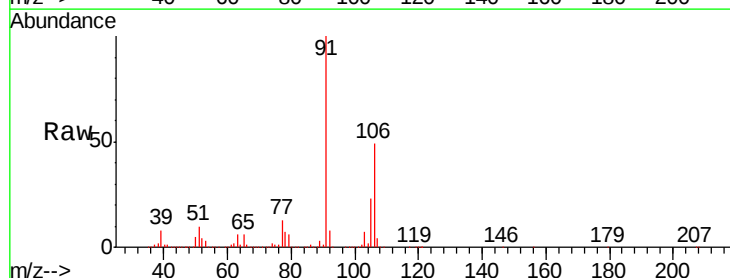
Acq: 26 Nov 2018 16:58

Tgt Ion: 106 Resp: 214481

Ion Ratio Lower Upper

106 100

91 202.5 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): VX006108.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX006108.D (-1503) (-)

300000

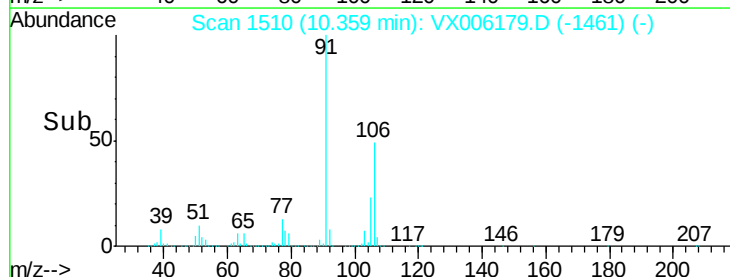
200000

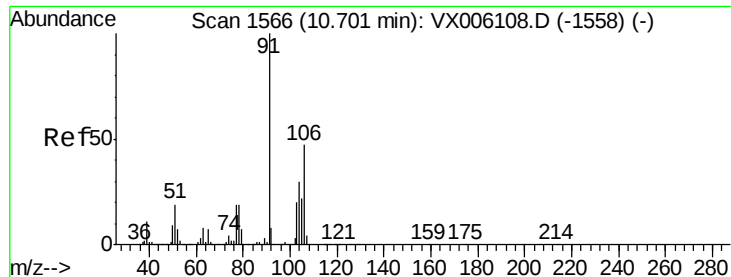
100000

0

10.30 10.40

Time-->





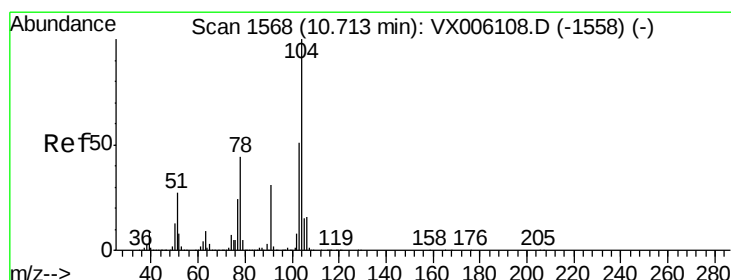
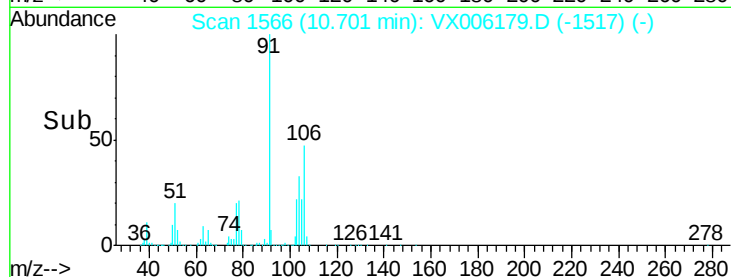
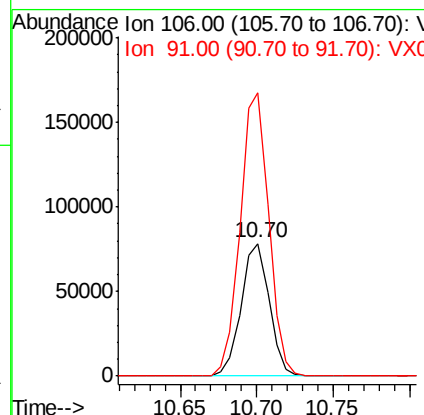
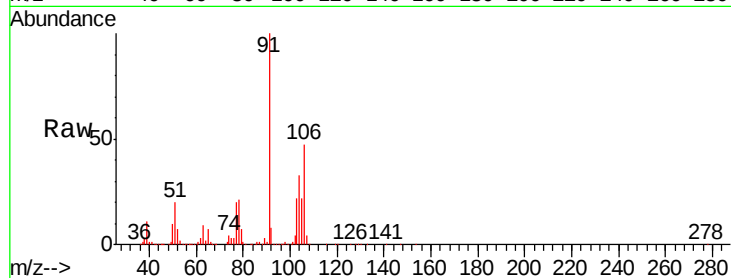
#69
o-Xylene
Concen: 20.21 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion:106 Resp: 100317
Ion Ratio Lower Upper
106 100
91 216.2 107.4 322.2

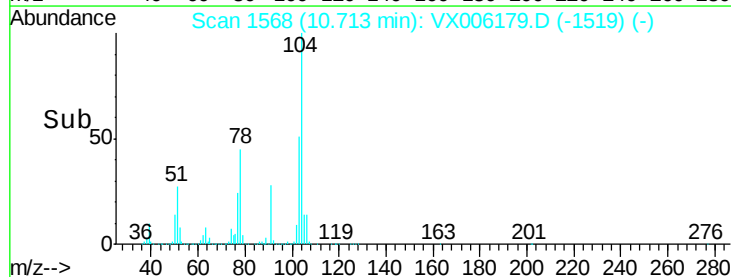
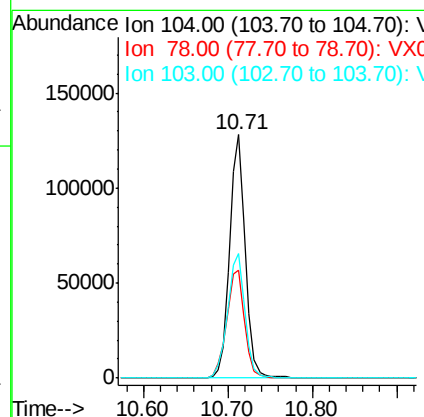
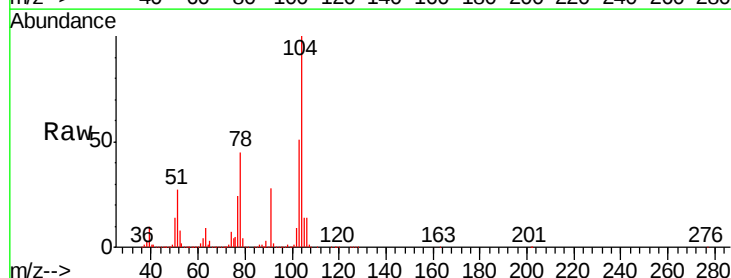
Manual Integrations
APPROVED

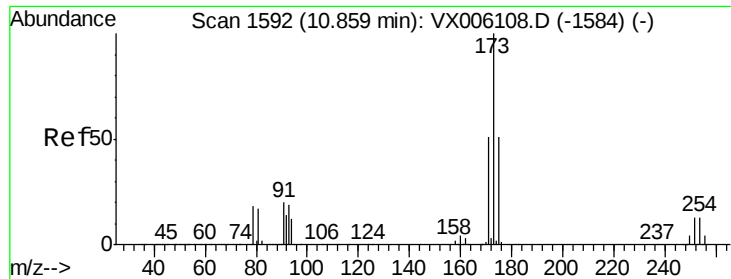
MMDadoda
11/27/2018 11:43:31 AM



#70
Styrene
Concen: 20.43 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion:104 Resp: 165401
Ion Ratio Lower Upper
104 100
78 51.1 39.4 59.2
103 56.6 44.6 67.0





#71

Bromoform

Concen: 20.66 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

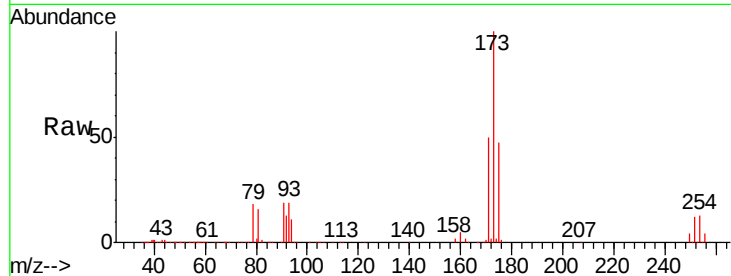
ClientSampleId :

VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.9	74.6
254	0.1	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM

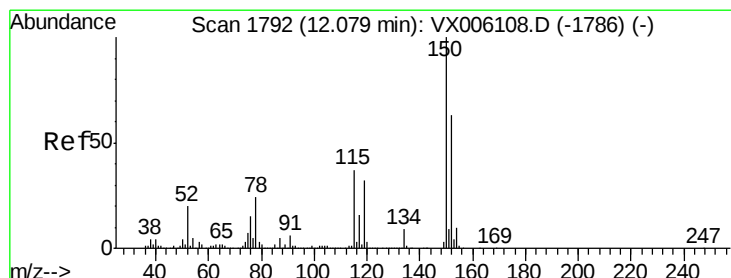
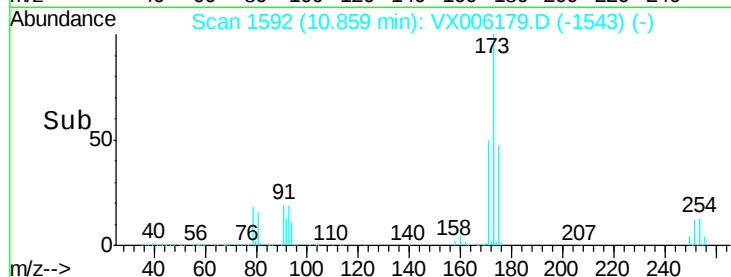
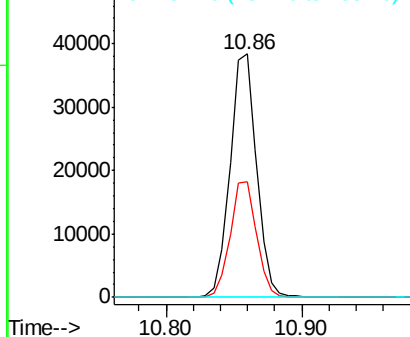


Abundance

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: VX006179.D

Acq: 26 Nov 2018 16:58

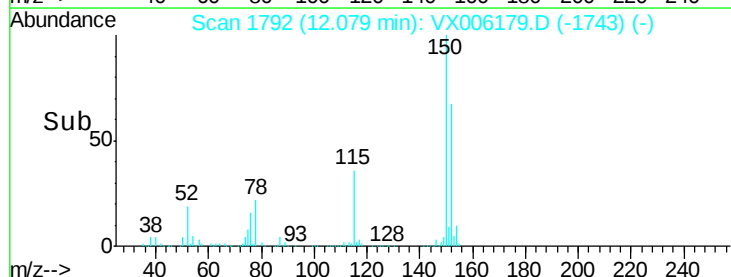
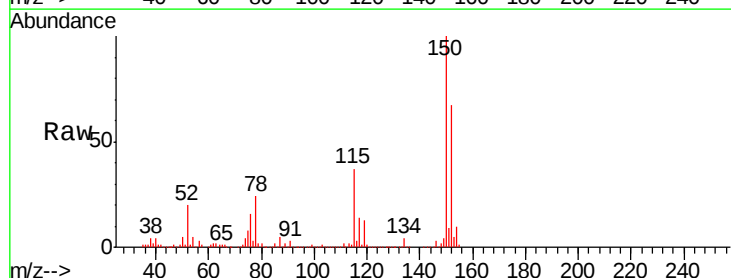
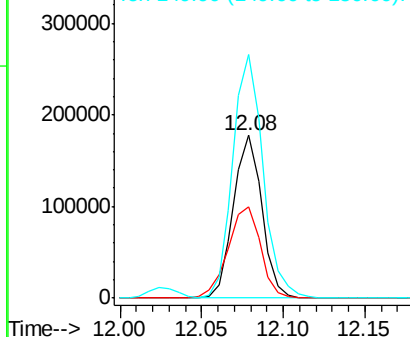
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	39.0	116.9
150	159.4	0.0	346.6

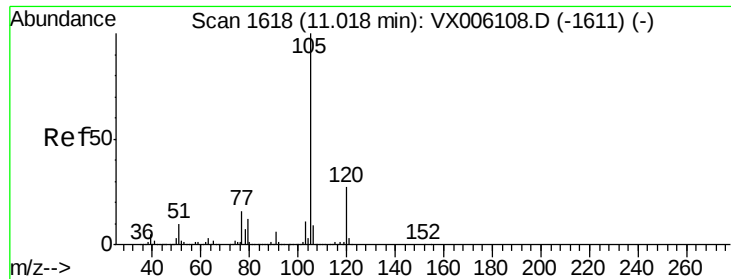
Abundance

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: 21.28 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 105 Resp: 277941

Ion Ratio Lower Upper

105 100

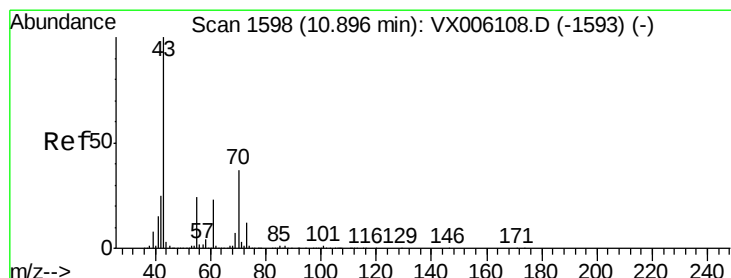
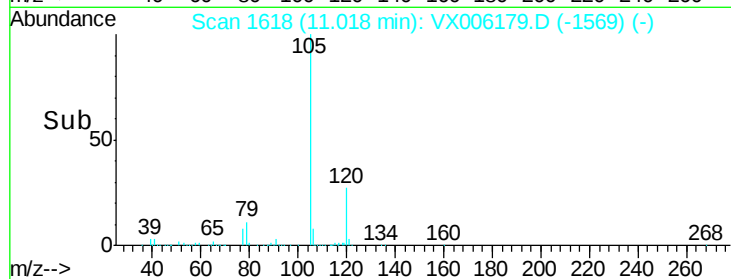
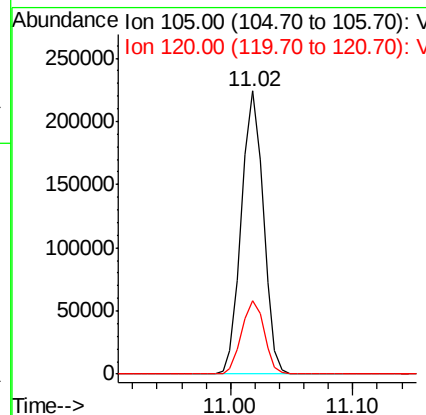
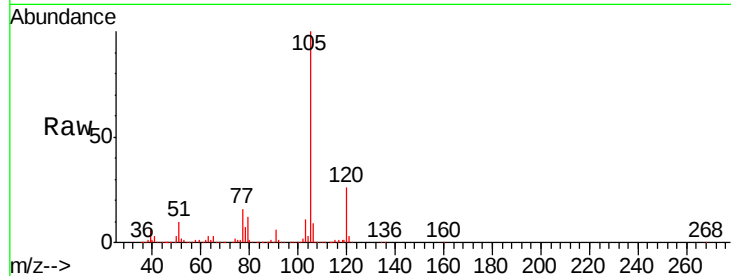
120 26.7 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



#74

N-ethyl acetate

Concen: 20.70 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion: 43 Resp: 128847

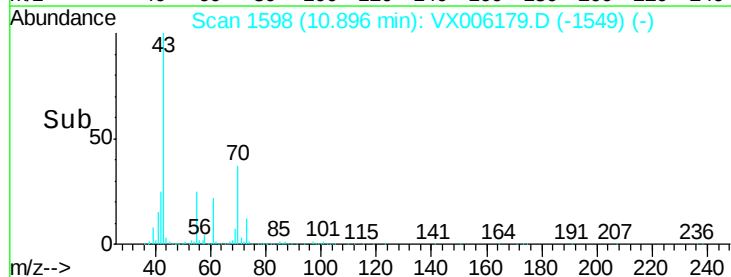
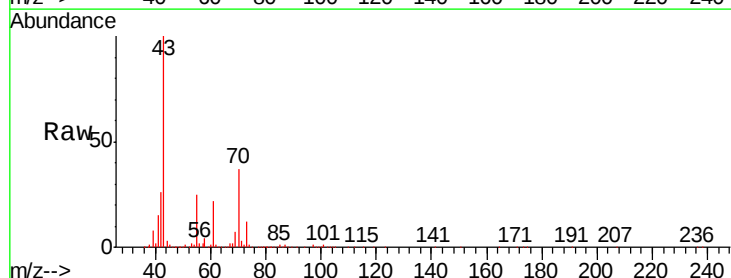
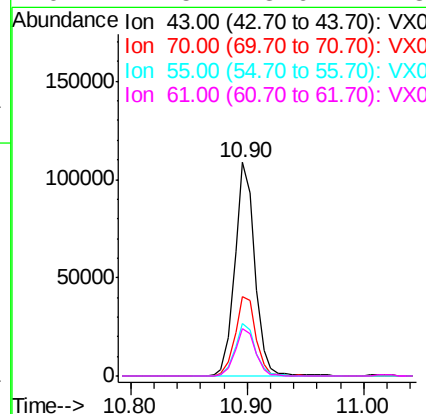
Ion Ratio Lower Upper

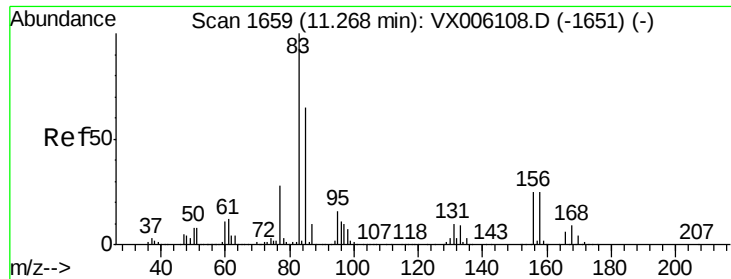
43 100

70 39.6 31.8 47.6

55 25.3 19.5 29.3

61 22.5 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.45 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 83 Resp: 100651
Ion Ratio Lower Upper

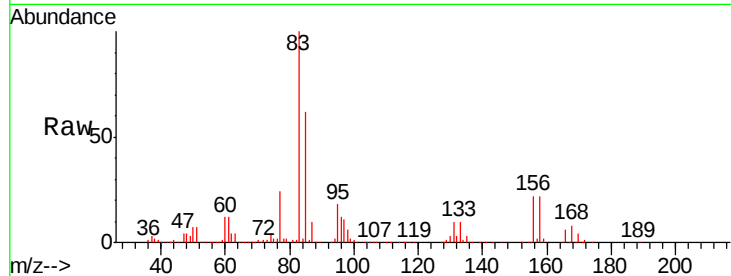
83 100

131 10.5 5.2 15.6

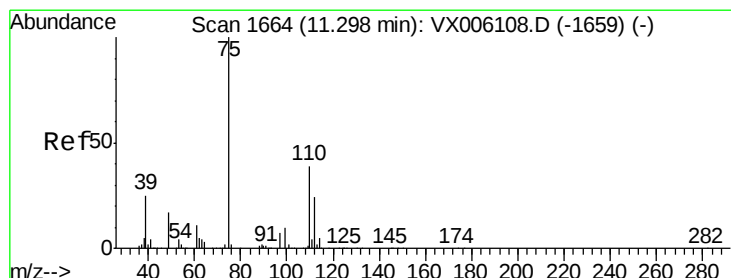
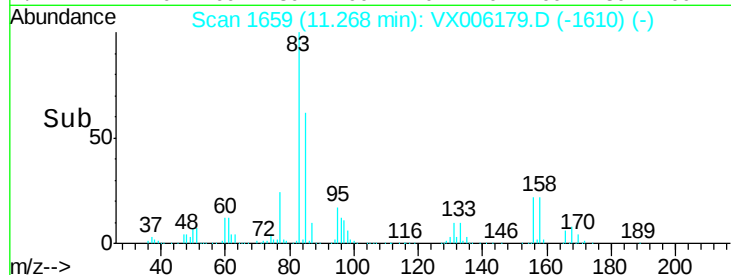
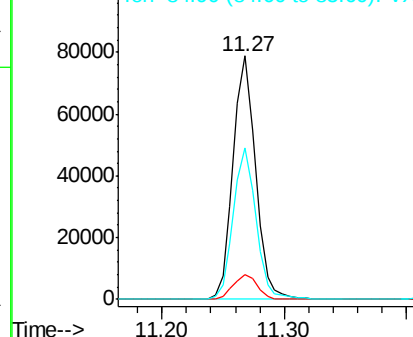
85 63.0 32.6 97.8

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 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: 21.75 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

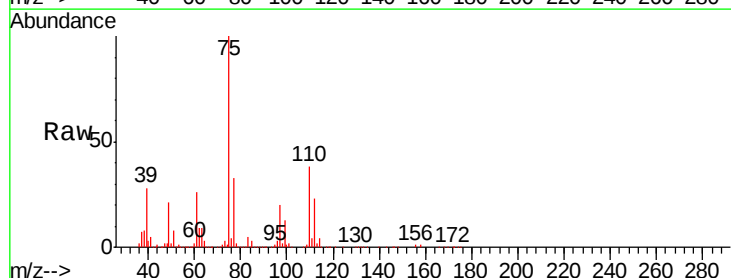
Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

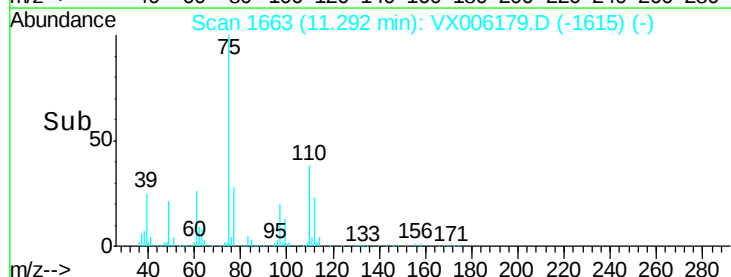
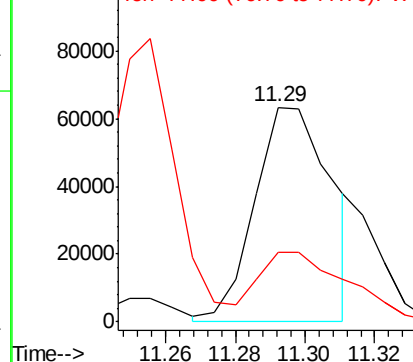
Tgt Ion: 75 Resp: 96655
Ion Ratio Lower Upper

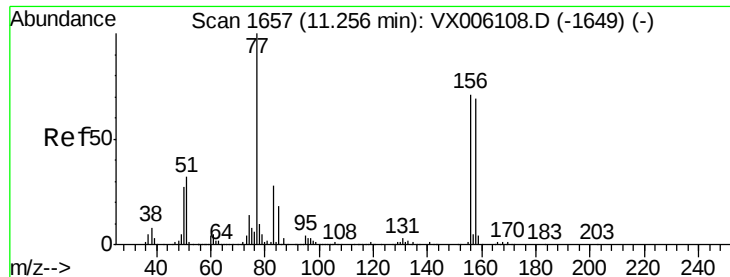
75 100

77 37.8 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: 20.46 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 156 Resp: 74830

Ion Ratio Lower Upper

156 100

77 148.7 74.3 222.8

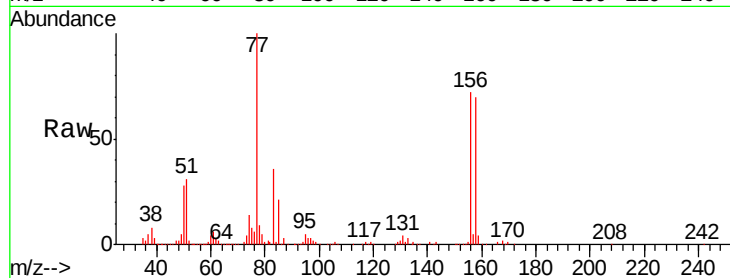
158 98.4 49.0 147.0

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

100000

80000

60000

40000

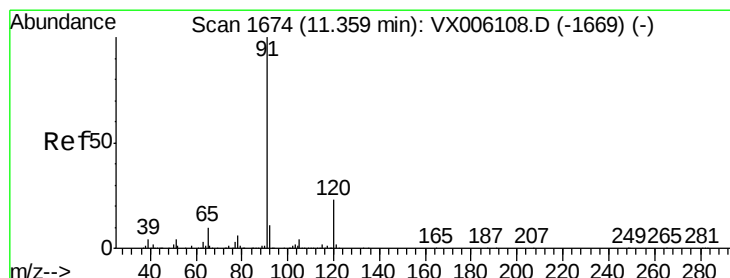
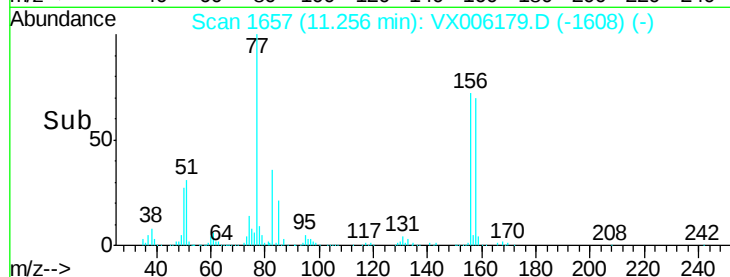
20000

0

11.20

11.30

Time-->



#78

n-propylbenzene

Concen: 21.13 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006179.D

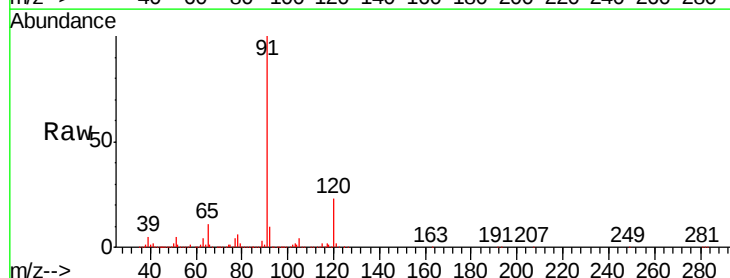
Acq: 26 Nov 2018 16:58

Tgt Ion: 91 Resp: 321270

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

50000

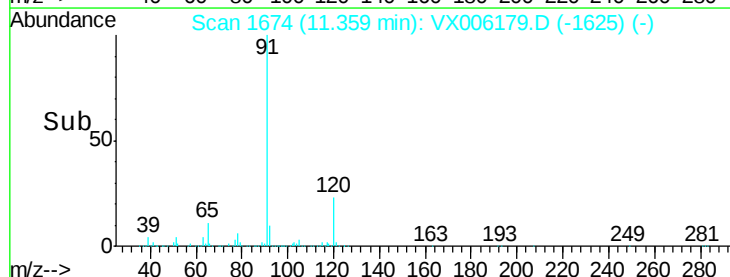
0

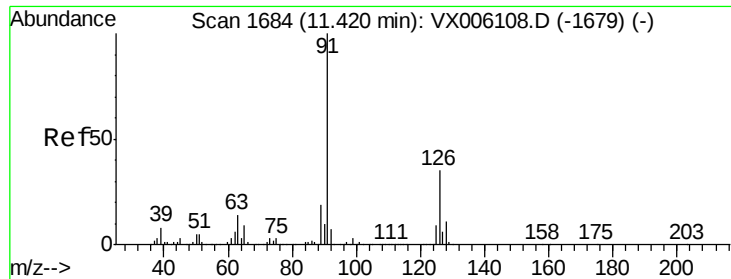
11.30

11.35

11.40

Time-->





#79

2-Chlorotoluene

Concen: 21.02 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBSD01

Tgt Ion: 91 Resp: 193369

Ion Ratio Lower Upper

91 100

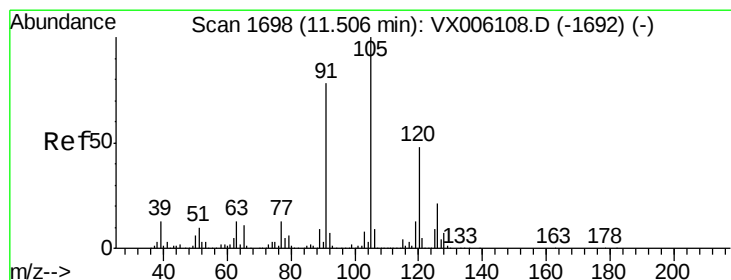
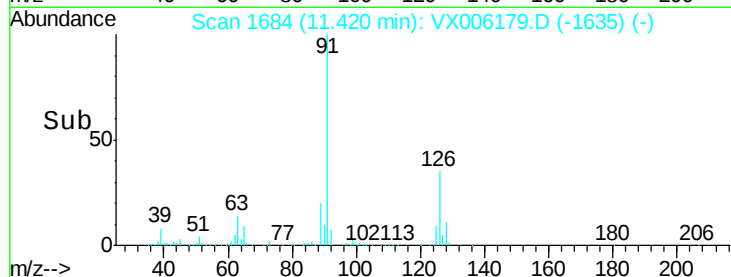
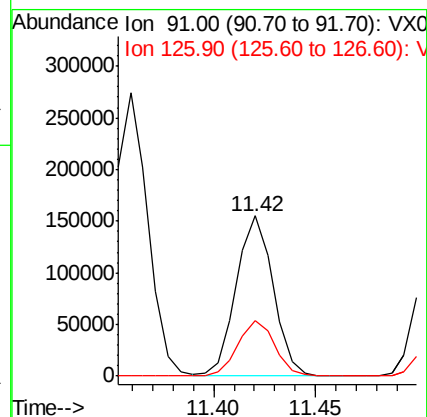
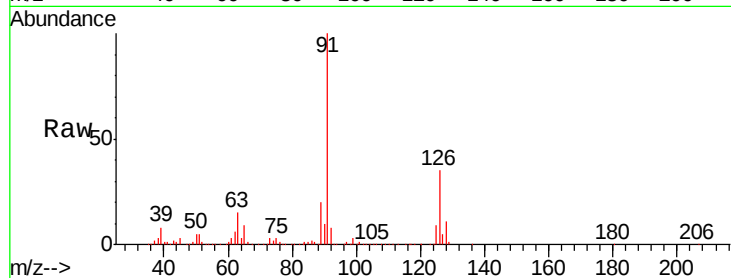
126 34.8 17.6 52.9

Manual Integrations

APPROVED

MMDadoda

11/27/2018 11:43:31 AM



#80

1,3,5-Trimethylbenzene

Concen: 21.44 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006179.D

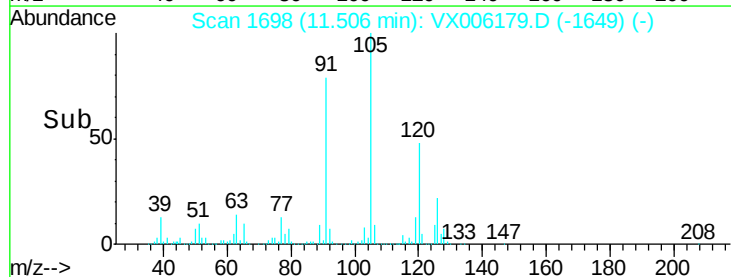
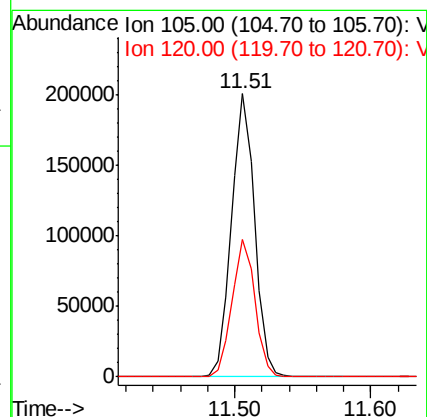
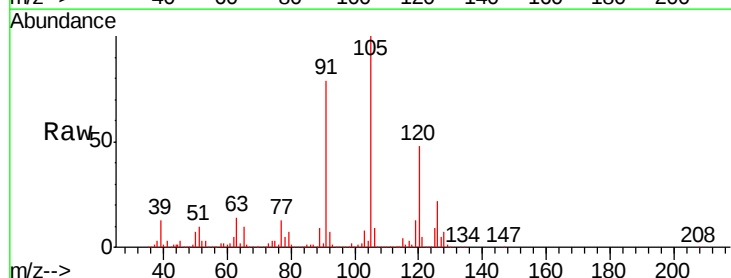
Acq: 26 Nov 2018 16:58

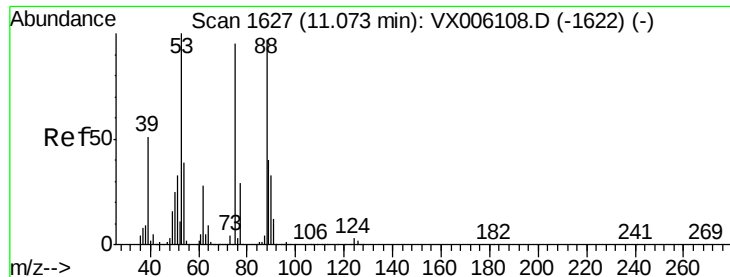
Tgt Ion: 105 Resp: 236009

Ion Ratio Lower Upper

105 100

120 48.6 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.78 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

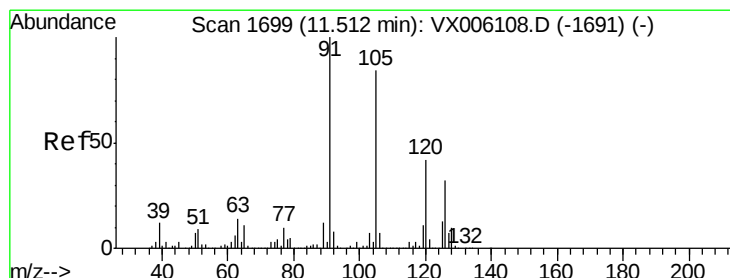
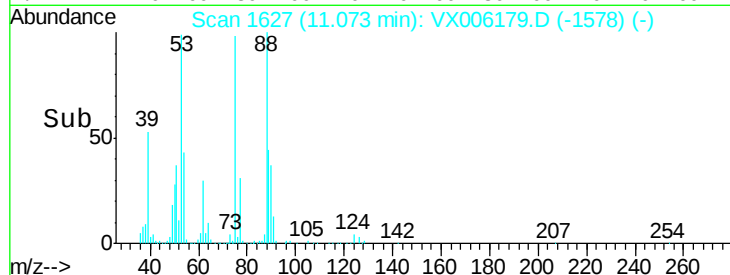
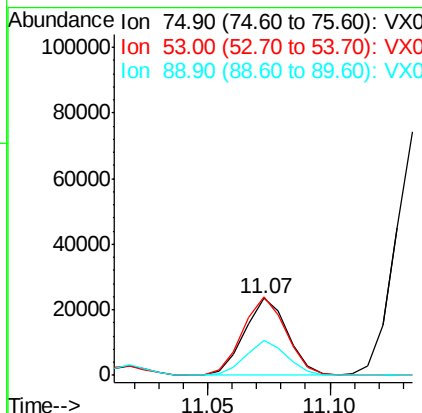
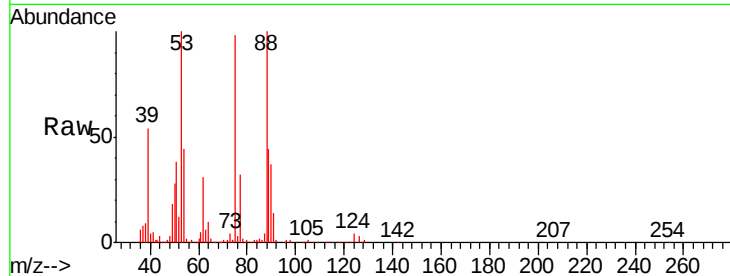
ClientSampleId :

VX1126WBSD01

Tgt Ion:	75	Resp:	28613
Ion Ratio	Lower	Upper	
75	100		
53	102.1	85.3	127.9
89	44.3	37.2	55.8

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#82

4-Chlorotoluene

Concen: 21.03 ug/l

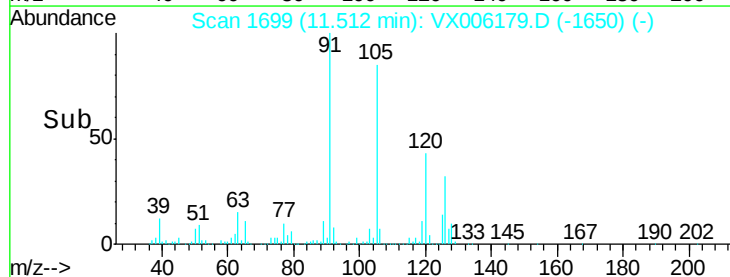
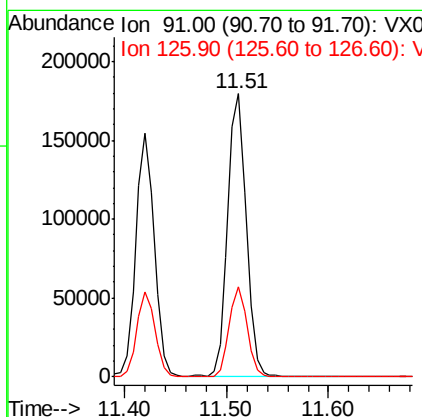
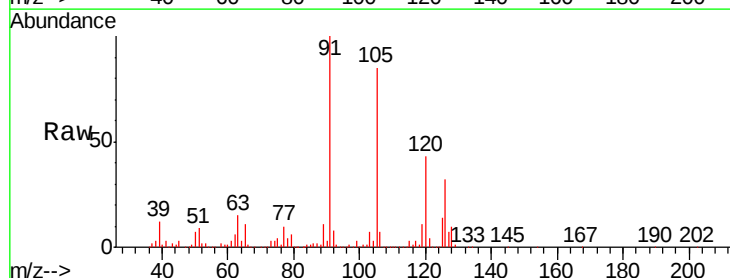
RT: 11.51 min Scan# 1699

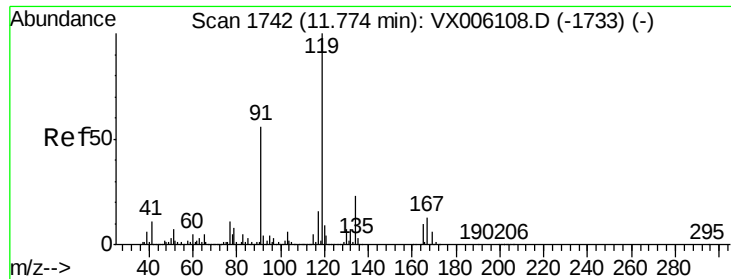
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	91	Resp:	225757
Ion Ratio	Lower	Upper	
91	100		
126	31.1	15.3	45.9





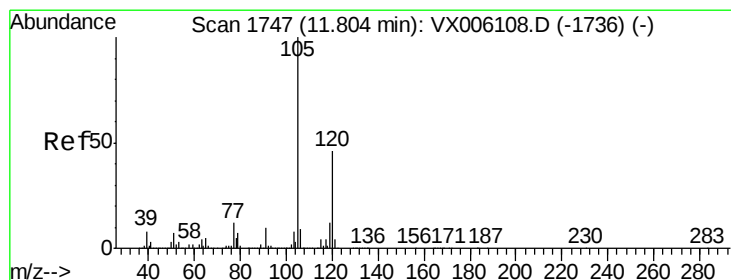
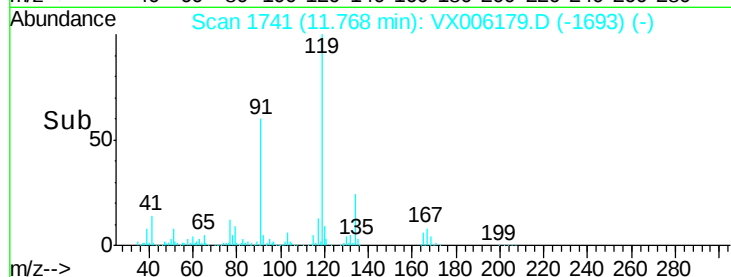
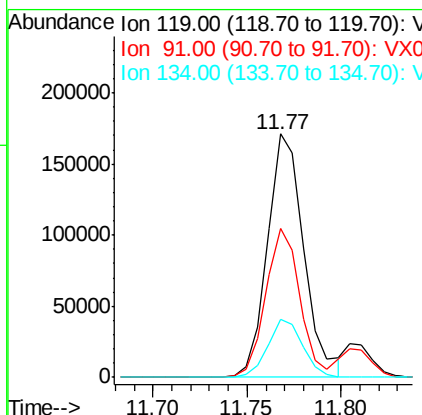
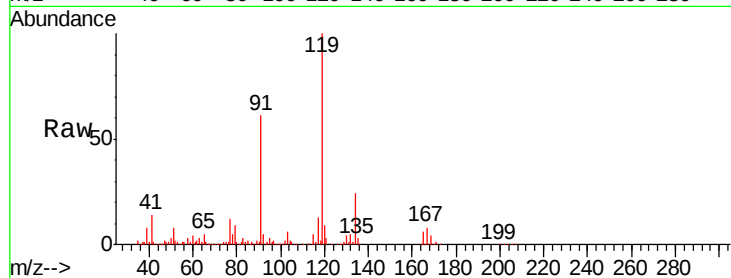
#83
 tert-Butylbenzene
 Concen: 21.32 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	229193		
91	57.2	28.2	84.6	
134	23.1	11.5	34.4	

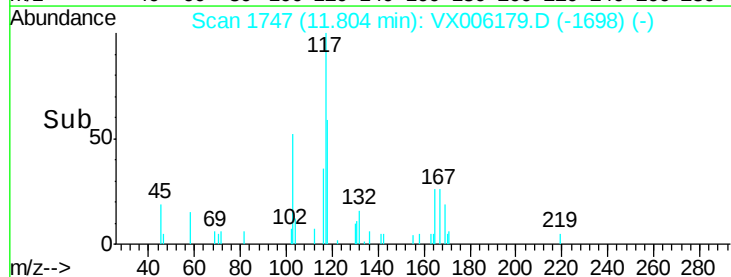
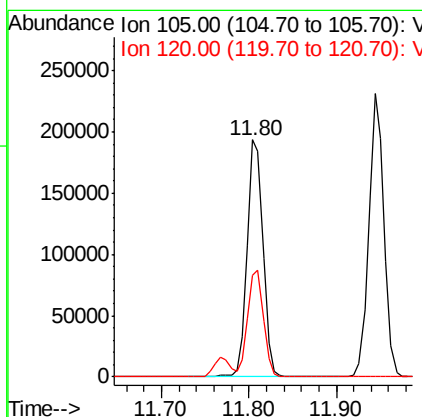
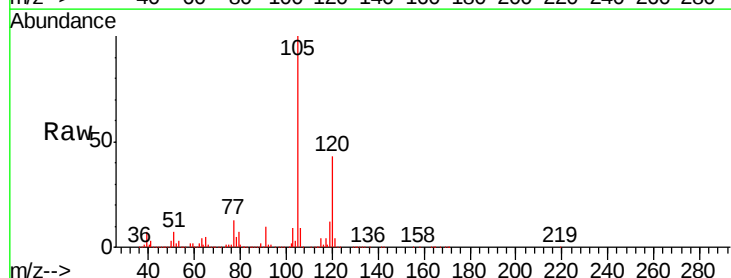
Manual Integrations
 APPROVED

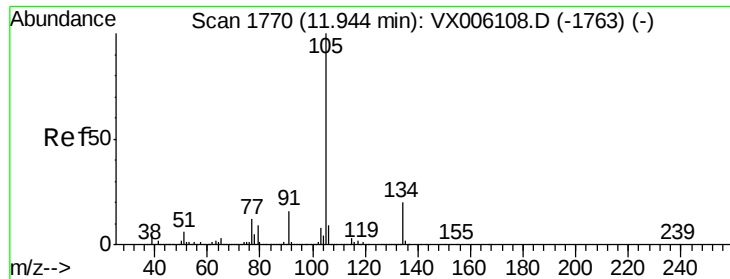
MMDadoda
 11/27/2018 11:43:31 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.57 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242225		
120	44.8	22.7	68.0	





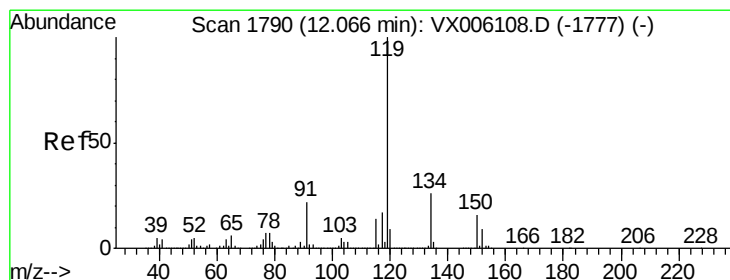
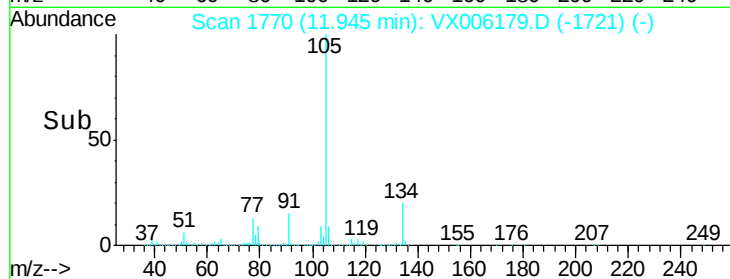
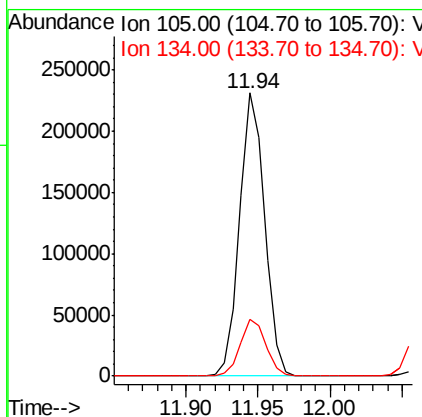
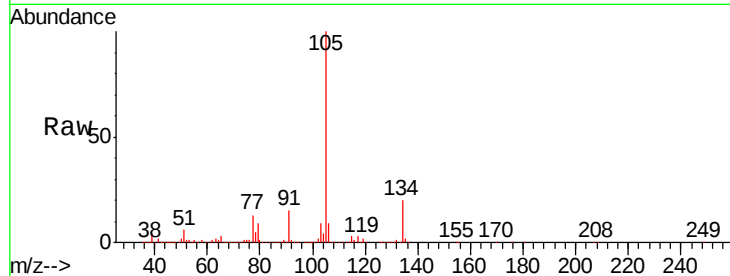
#85
 sec-Butylbenzene
 Concen: 21.31 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	280173		
134	20.4	10.4	31.1	

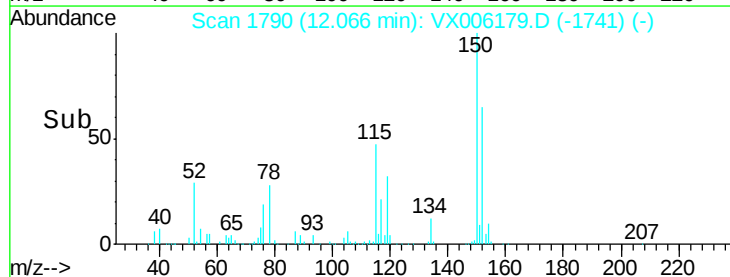
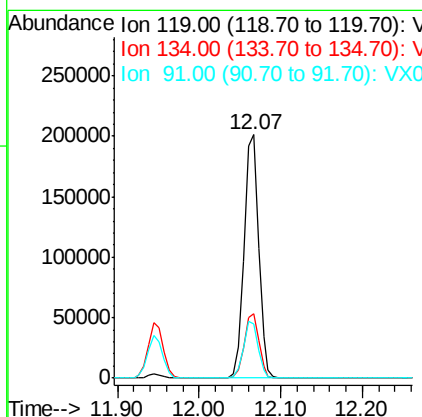
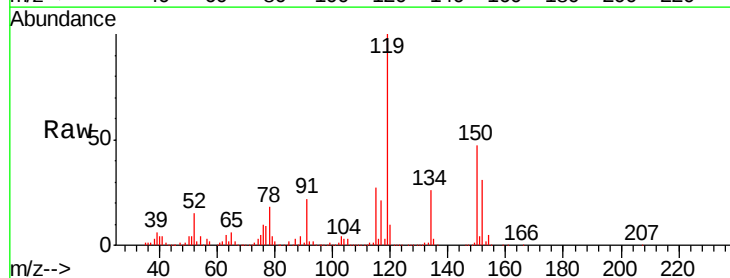
Manual Integrations
 APPROVED

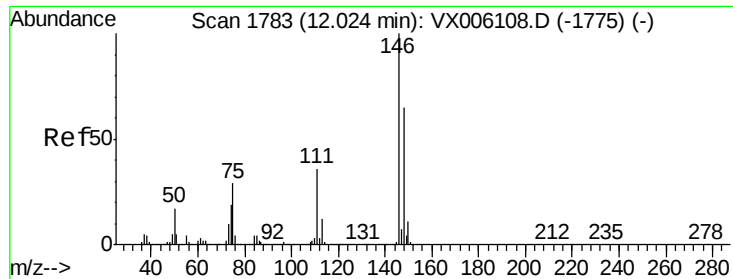
MMDadoda
 11/27/2018 11:43:31 AM



#86
 p-Isopropyltoluene
 Concen: 21.02 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	246343		
134	26.7	13.1	39.3	
91	23.7	11.3	33.9	





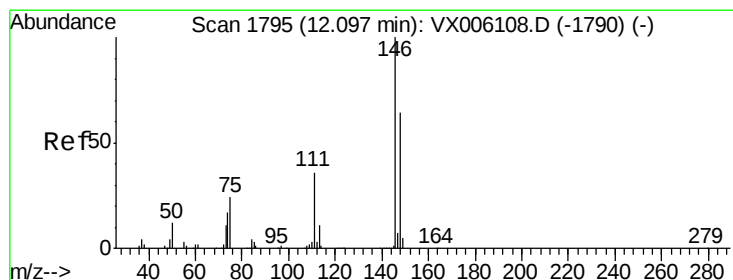
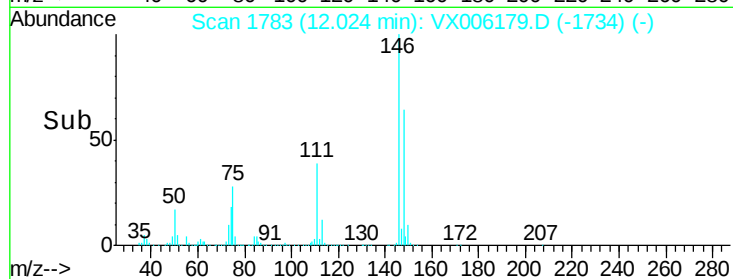
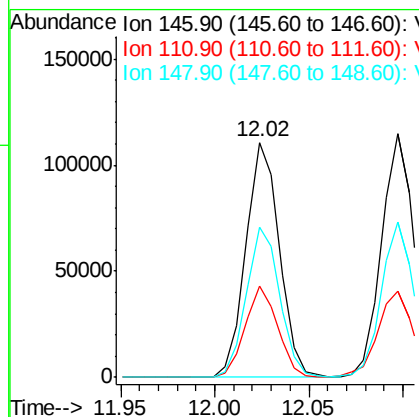
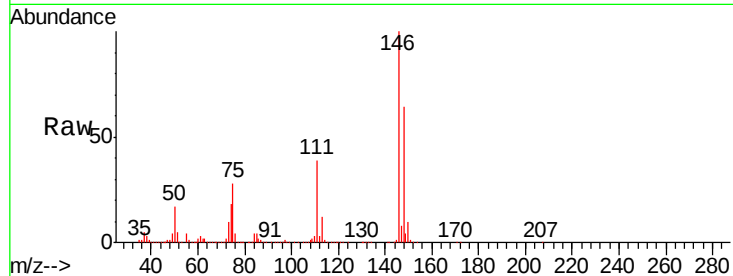
#87
 1,3-Dichlorobenzene
 Concen: 20.26 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	136636		
111	38.0	18.8	56.3	
148	63.8	32.2	96.6	

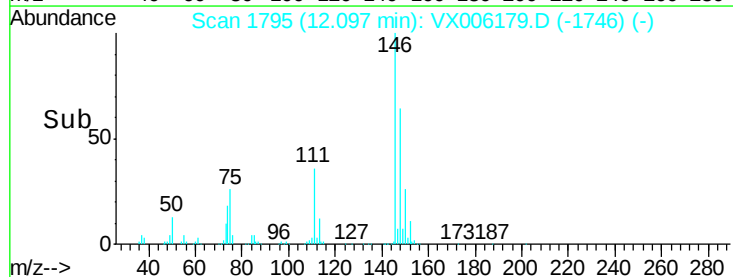
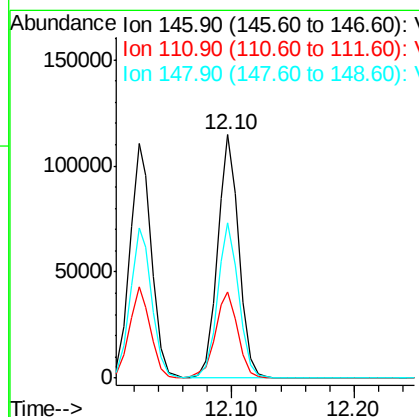
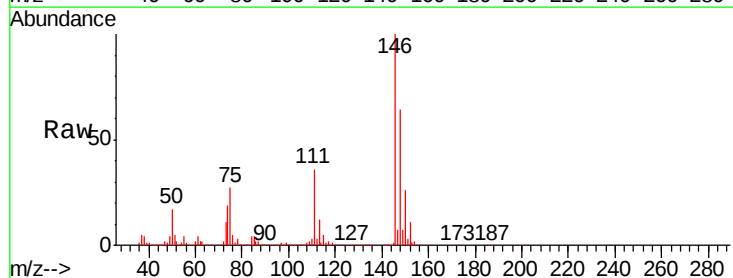
Manual Integrations
 APPROVED

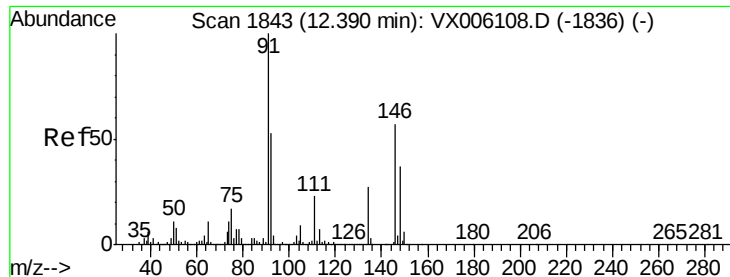
MMDadoda
 11/27/2018 11:43:31 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.85 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	138768		
111	38.0	18.3	54.9	
148	64.1	32.2	96.6	





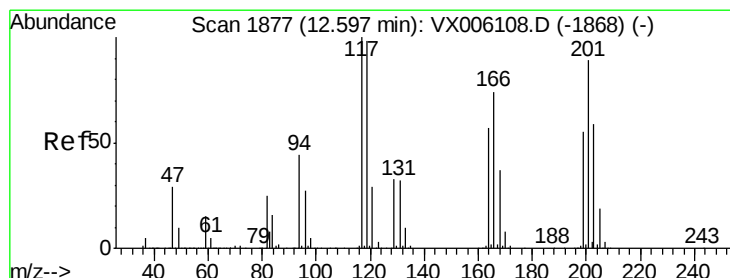
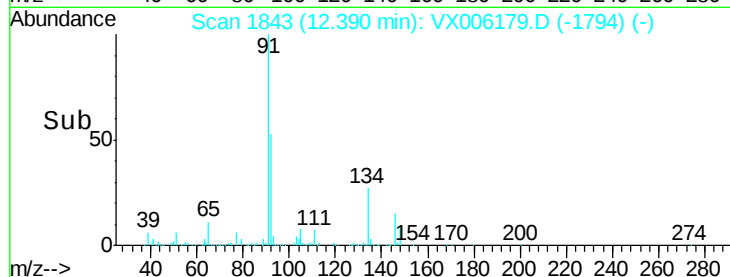
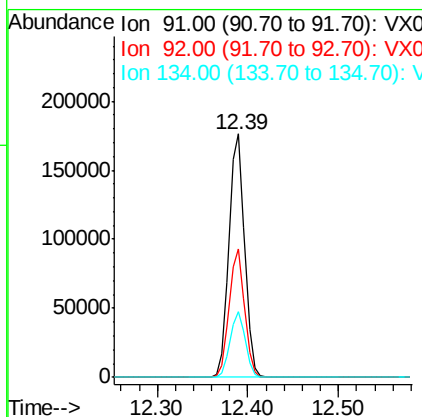
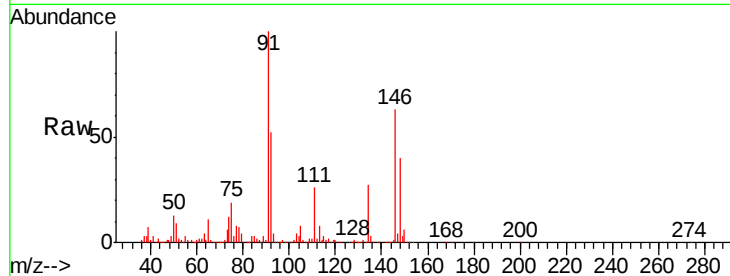
#89
n-Butylbenzene
Concen: 19.95 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.6	79.7
134	26.4	13.1	39.3

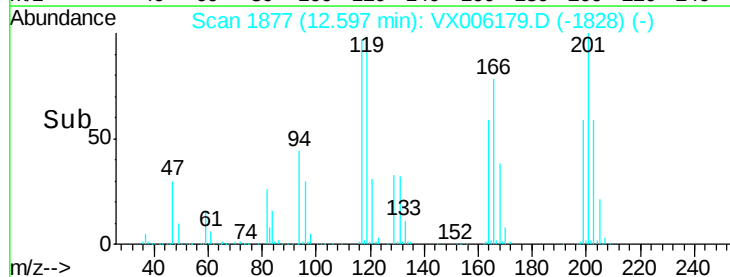
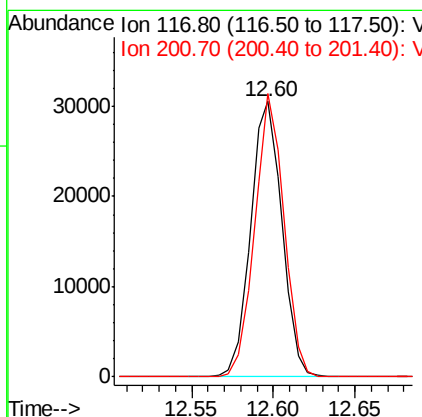
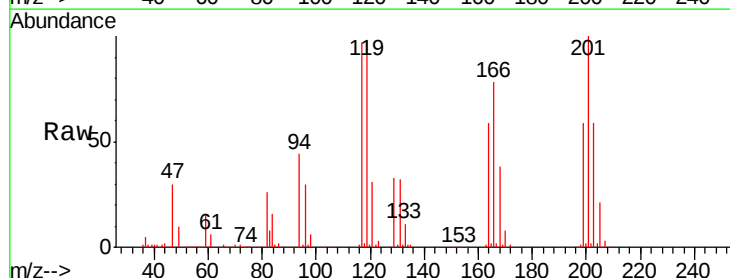
Manual Integrations
APPROVED

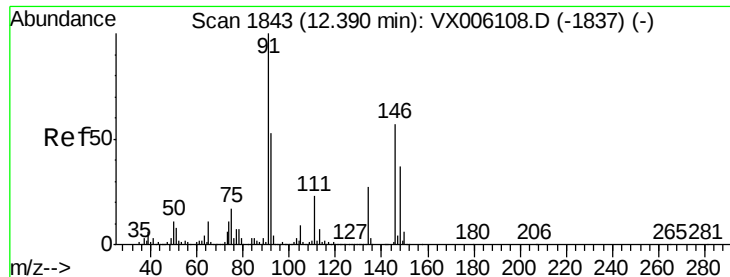
MMDadoda
11/27/2018 11:43:31 AM



#90
Hexachloroethane
Concen: 21.78 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006179.D
Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.0	46.1	138.2





#91

1,2-Dichlorobenzene

Concen: 20.13 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

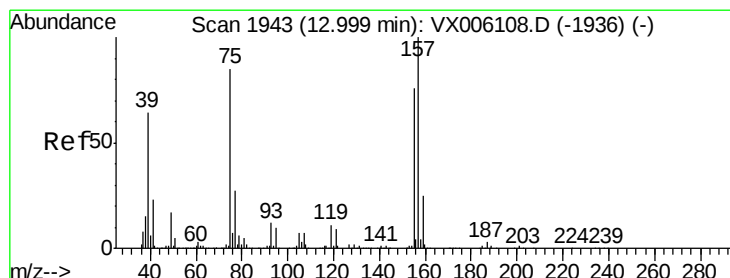
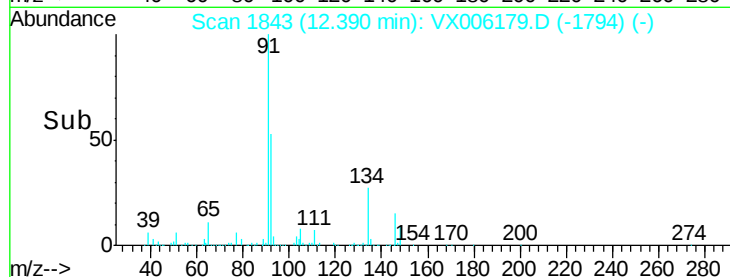
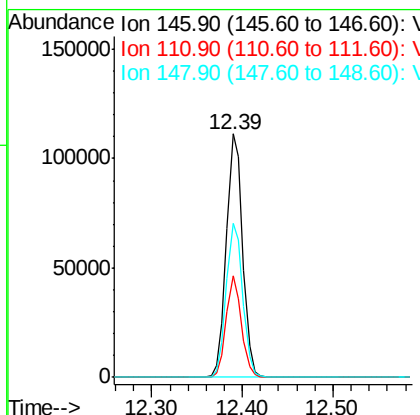
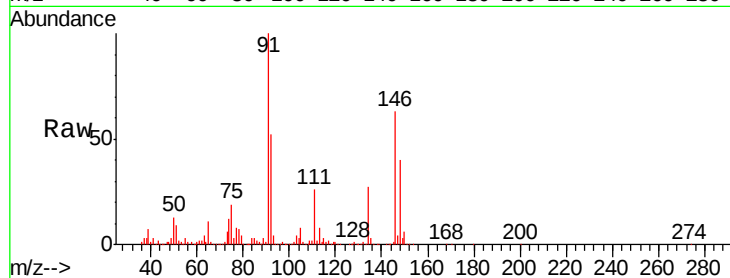
ClientSampleId :

VX1126WBSD01

Tgt Ion:	146	Resp:	138808
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.6	58.8
148	63.8	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.43 ug/l

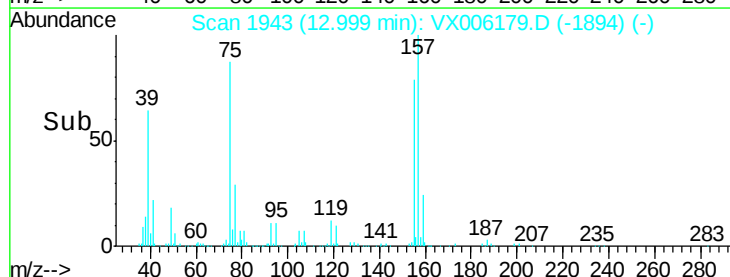
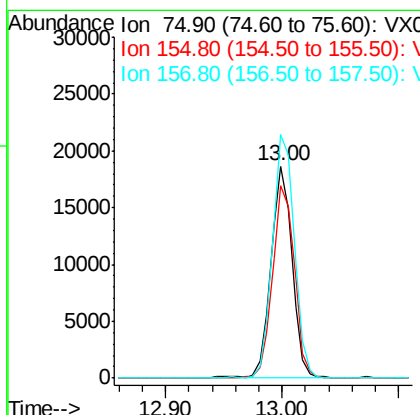
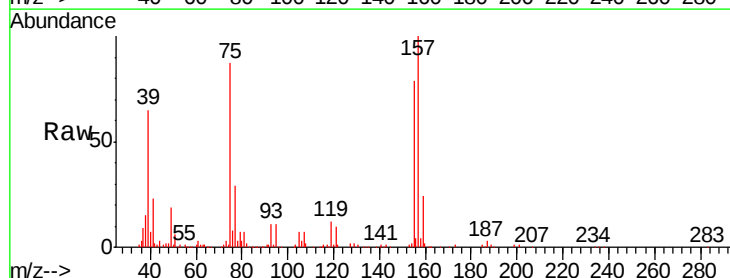
RT: 13.00 min Scan# 1943

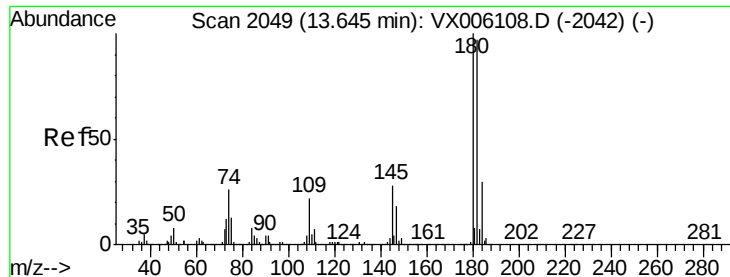
Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	75	Resp:	23330
Ion Ratio	Lower	Upper	
75	100		
155	93.7	46.1	138.3
157	118.0	59.8	179.3





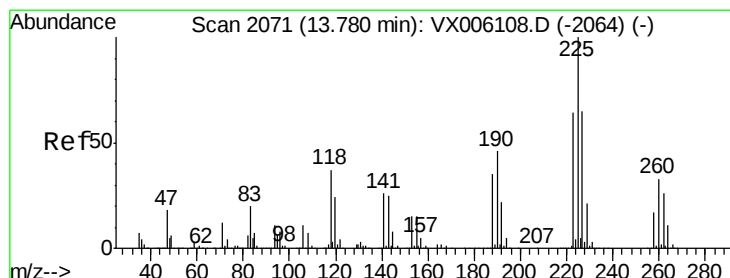
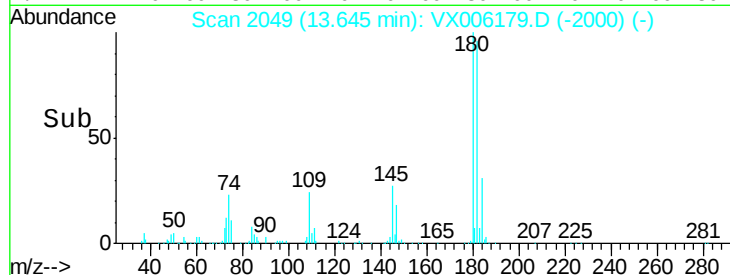
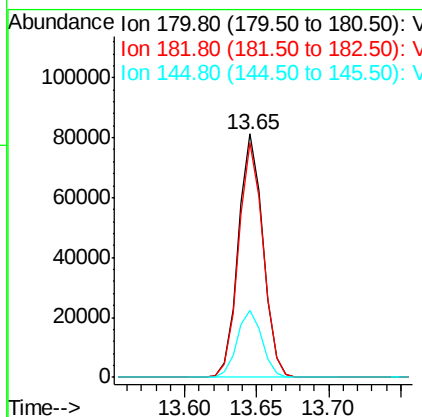
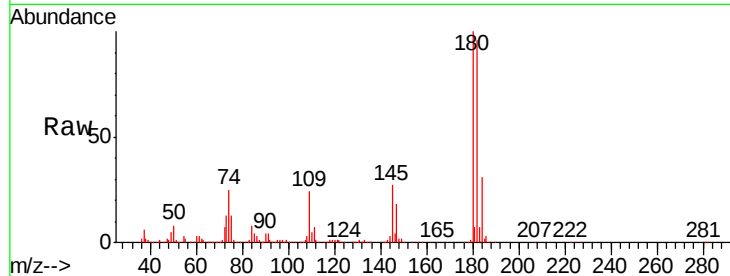
#93
 1,2,4-Trichlorobenzene
 Concen: 19.92 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	96776		
182	95.9	48.2	144.6	
145	27.9	14.1	42.2	

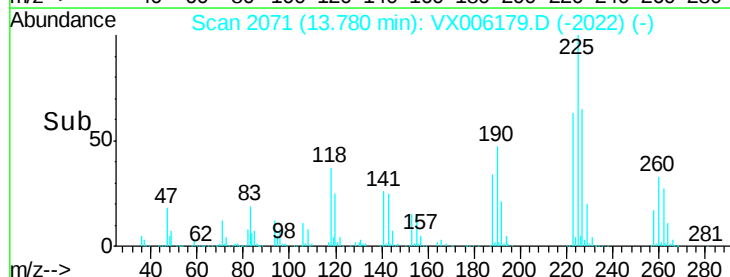
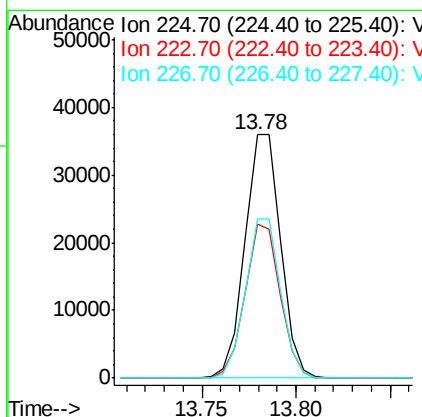
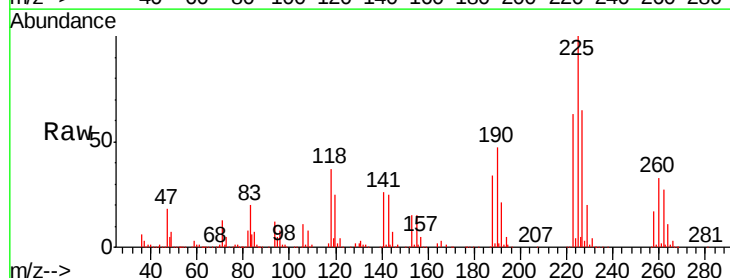
Manual Integrations
 APPROVED

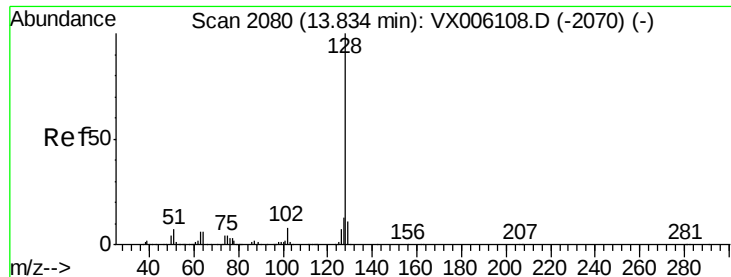
MMDadoda
 11/27/2018 11:43:31 AM



#94
 Hexachlorobutadiene
 Concen: 20.06 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006179.D
 Acq: 26 Nov 2018 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47500		
223	61.8	31.2	93.6	
227	64.1	32.4	97.2	





#95

Naphthalene

Concen: 21.37 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Instrument :

MSVOA_X

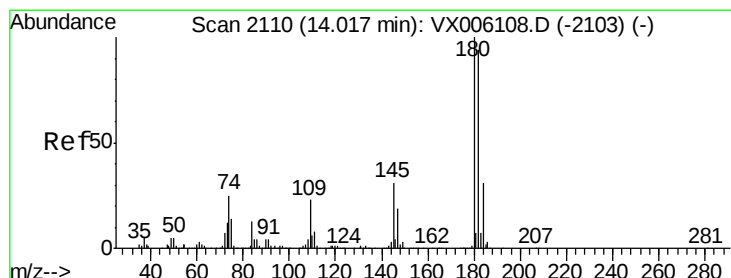
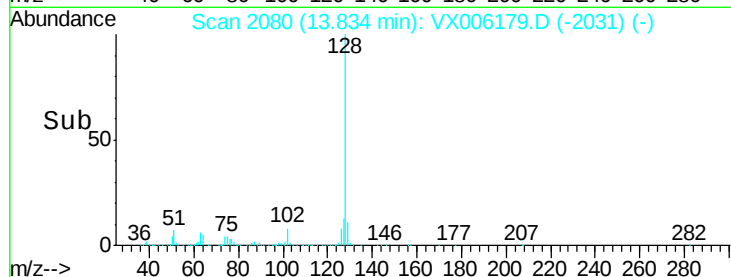
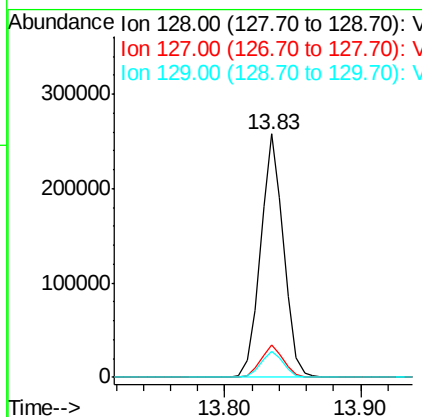
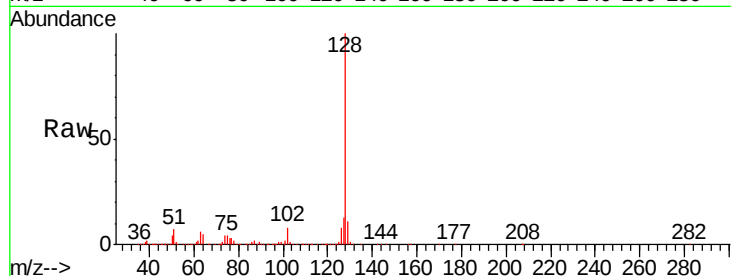
ClientSampleId :

VX1126WBSD01

Tgt Ion:	128	Resp:	305277
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.52 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006179.D

Acq: 26 Nov 2018 16:58

Tgt Ion:	180	Resp:	101645
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.5	142.5
145	30.2	15.0	45.0

