

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005186.D
 Acq On : 10 Oct 2018 04:18
 Operator : JC/MD
 Sample : VX1009WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:49 PM

Quant Time: Oct 10 08:23:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142375	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	5.51	113	111707	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.72	98	406399	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	150427	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70612	27.165	ug/l	98
3) Chloromethane	1.32	50	75324	23.885	ug/l	99
4) Vinyl Chloride	1.40	62	73626	24.892	ug/l	99
5) Bromomethane	1.64	94	41895	23.886	ug/l	95
6) Chloroethane	1.71	64	43840	26.084	ug/l	98
7) Trichlorofluoromethane	1.93	101	98883	27.005	ug/l	97
8) Diethyl Ether	2.19	74	36550	22.977	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51200	24.547	ug/l	99
10) Methyl Iodide	2.51	142	55366	19.836	ug/l	90
11) Tert butyl alcohol	3.08	59	91060	119.586	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49952	24.182	ug/l	96
13) Acrolein	2.29	56	53633	98.995	ug/l	88
14) Allyl chloride	2.72	41	109458	24.286	ug/l	96
15) Acrylonitrile	3.15	53	208137	124.167	ug/l	97
16) Acetone	2.45	43	186418	117.250	ug/l	95
17) Carbon Disulfide	2.57	76	146355	23.579	ug/l	100
18) Methyl Acetate	2.78	43	109348	27.145	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	179445	25.185	ug/l	100
20) Methylene Chloride	2.85	84	58216	24.760	ug/l #	86
21) trans-1,2-Dichloroethene	3.16	96	54521	24.111	ug/l	84
22) Diisopropyl ether	3.87	45	181008	23.850	ug/l #	97
23) Vinyl Acetate	3.83	43	788947	113.564	ug/l	97
24) 1,1-Dichloroethane	3.70	63	103583	22.880	ug/l	99
25) 2-Butanone	4.71	43	264172	112.721	ug/l	97
26) 2,2-Dichloropropane	4.59	77	43305	13.736	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	56992	22.561	ug/l	97
28) Bromochloromethane	5.02	49	44162	20.714	ug/l	98
29) Tetrahydrofuran	5.16	42	168276	115.525	ug/l	98
30) Chloroform	5.21	83	96711	22.603	ug/l	96
31) Cyclohexane	5.57	56	84345	24.342	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	82598	23.638	ug/l	96
36) 1,1-Dichloropropene	5.80	75	69462	21.707	ug/l	95
37) Ethyl Acetate	4.86	43	92053	21.671	ug/l	98
38) Carbon Tetrachloride	5.78	117	72853	21.658	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005186.D
 Acq On : 10 Oct 2018 04:18
 Operator : JC/MD
 Sample : VX1009WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:49 PM

Quant Time: Oct 10 08:23:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76770	23.494	ug/l #	85
40) Benzene	6.15	78	219562	21.916	ug/l	93
41) Methacrylonitrile	5.06	41	51370	21.807	ug/l	96
42) 1,2-Dichloroethane	6.20	62	79435	22.429	ug/l	97
43) Isopropyl Acetate	6.46	43	132106	21.547	ug/l	96
44) Trichloroethene	7.21	130	61173	24.839	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57534	23.418	ug/l	96
46) Dibromomethane	7.66	93	36893	23.894	ug/l	99
47) Bromodichloromethane	7.90	83	70070	24.239	ug/l	99
48) Methyl methacrylate	7.78	41	68937	24.773	ug/l	98
49) 1,4-Dioxane	7.76	88	32234	466.252	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	484087	125.400	ug/l	99
52) Toluene	8.79	92	135131	24.547	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	68925	21.099	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	76751	22.431	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55763	23.125	ug/l	95
56) Ethyl methacrylate	9.18	69	80015	22.140	ug/l	98
57) 1,3-Dichloropropane	9.37	76	92342	23.009	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	198712	104.434	ug/l	99
59) 2-Hexanone	9.50	43	382124	118.787	ug/l	94
60) Dibromochloromethane	9.58	129	55618	23.064	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56481	21.871	ug/l	93
64) Tetrachloroethene	9.33	164	62269	23.310	ug/l	97
65) Chlorobenzene	10.14	112	149236	21.443	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	53611	21.911	ug/l	99
67) Ethyl Benzene	10.26	91	246224	22.284	ug/l	96
68) m/p-Xylenes	10.36	106	194903	45.139	ug/l	96
69) o-Xylene	10.70	106	91255	23.010	ug/l	98
70) Styrene	10.71	104	156270	22.306	ug/l	99
71) Bromoform	10.86	173	45343	21.646	ug/l #	97
73) Isopropylbenzene	11.02	105	253034	23.854	ug/l	100
74) N-amyl acetate	10.90	43	115120	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90381	20.931	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81642m	21.644	ug/l	
77) Bromobenzene	11.26	156	68405	22.201	ug/l	99
78) n-propylbenzene	11.36	91	289512	23.787	ug/l	100
79) 2-Chlorotoluene	11.42	91	174701	23.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216290	22.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20084	15.932	ug/l	96
82) 4-Chlorotoluene	11.51	91	206776	23.156	ug/l	99
83) tert-Butylbenzene	11.77	119	205990	23.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223514	22.182	ug/l	98
85) sec-Butylbenzene	11.95	105	251863	23.676	ug/l	100
86) p-Isopropyltoluene	12.07	119	225515	23.398	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126539	21.994	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	128820	21.690	ug/l	99
89) n-Butylbenzene	12.39	91	192249	21.963	ug/l	100
90) Hexachloroethane	12.60	117	34882	21.737	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	127470	21.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21236	22.398	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
Data File : VX005186.D
Acq On : 10 Oct 2018 04:18
Operator : JC/MD
Sample : VX1009WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM

Quant Time: Oct 10 08:23:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90822	21.534	ug/l	99
94) Hexachlorobutadiene	13.79	225	45546	20.825	ug/l	100
95) Naphthalene	13.83	128	283906	20.709	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96337	22.111	ug/l	100

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

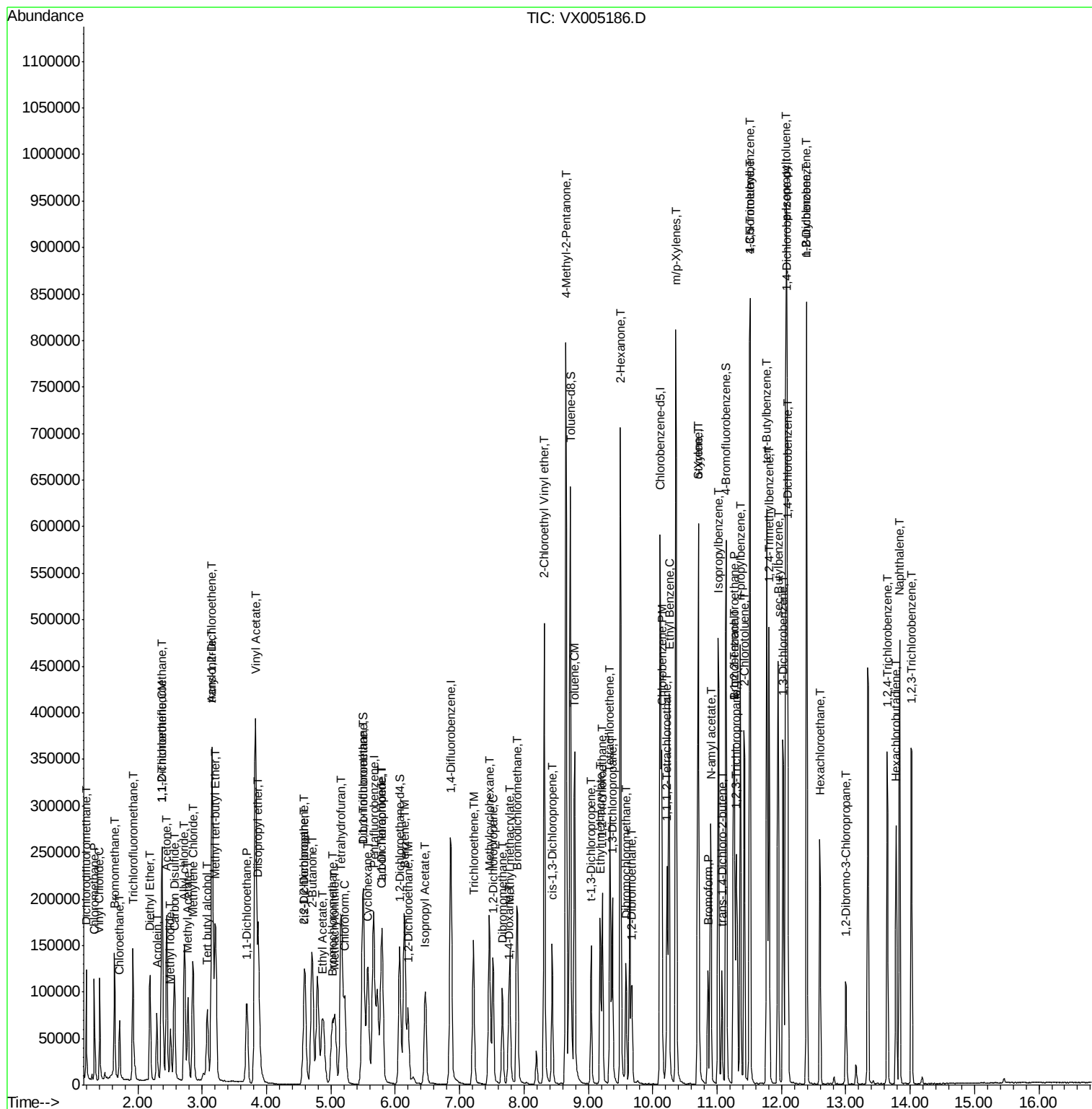
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100918\
Data File : VX005186.D
Acq On : 10 Oct 2018 04:18
Operator : JC/MD
Sample : VX1009WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

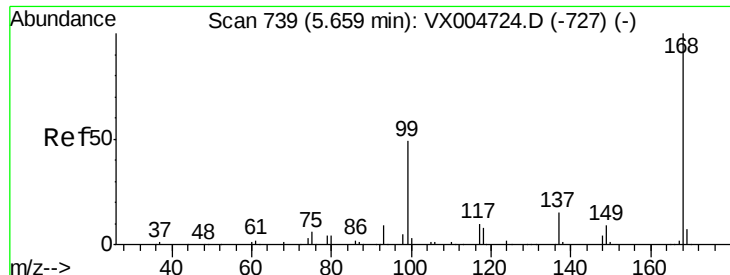
Instrument :
MSVOA_X
Client Sample ID :
VX1009WBSD02

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM

Quant Time: Oct 10 08:23:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





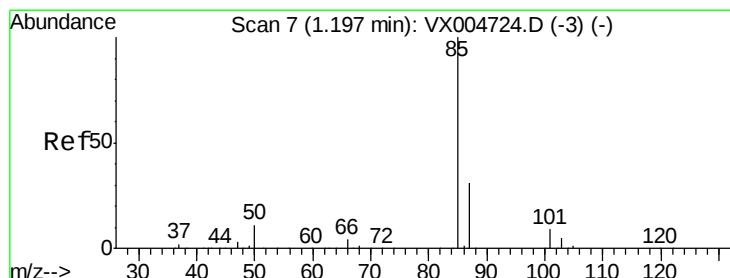
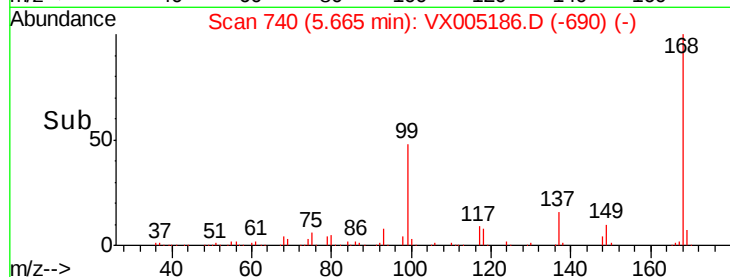
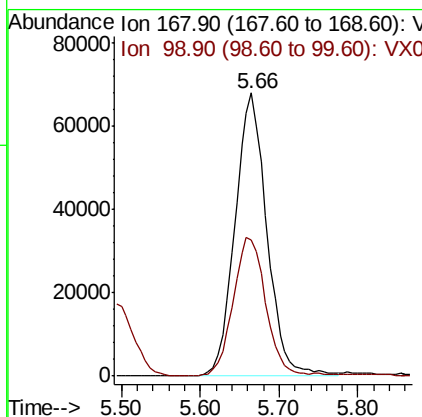
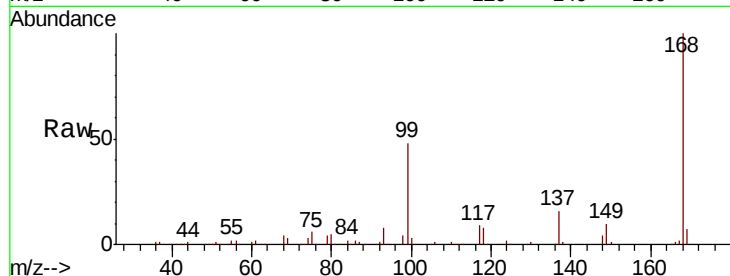
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.3	58.9

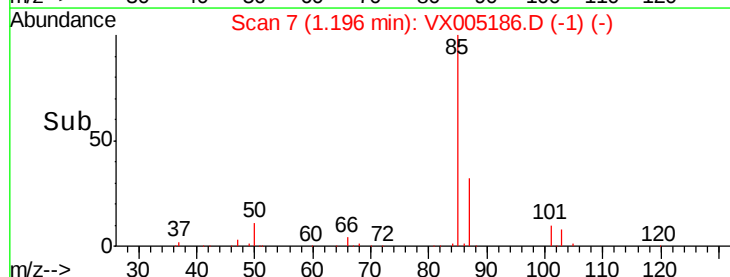
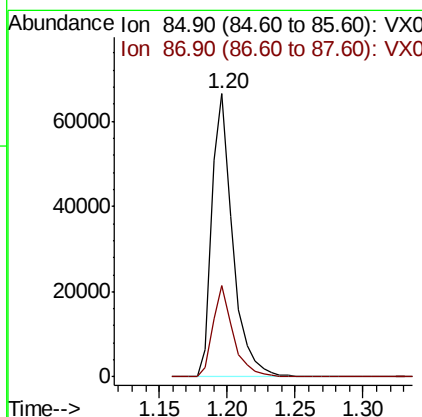
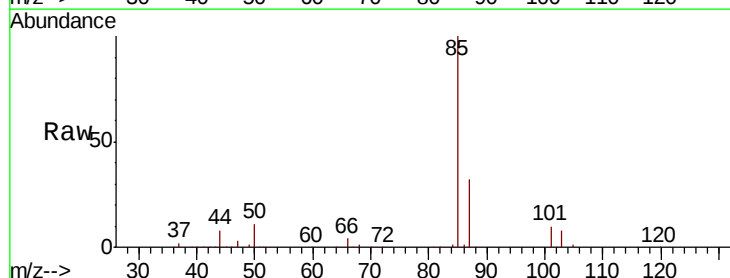
Manual Integrations
APPROVED

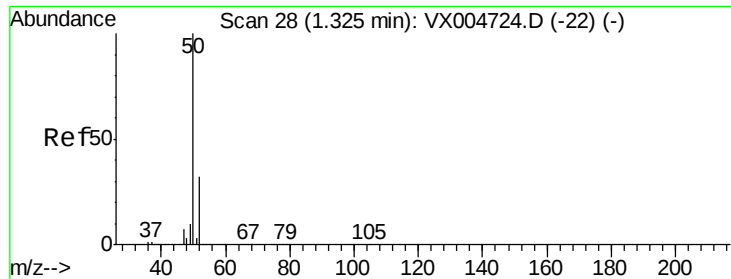
MMDadoda
10/11/2018 5:31:49 PM



#2
Dichlorodifluoromethane
Concen: 27.165 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.7	47.1





#3

Chloromethane

Concen: 23.885 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 50 Resp: 75324

Ion Ratio Lower Upper

50 100

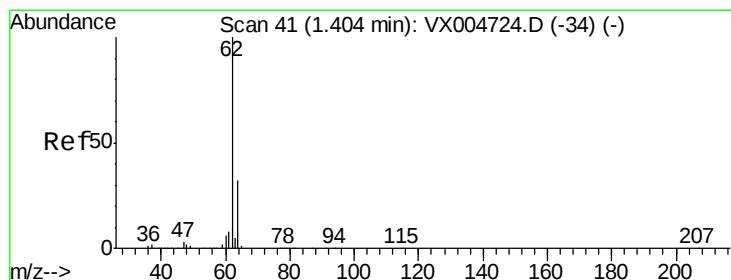
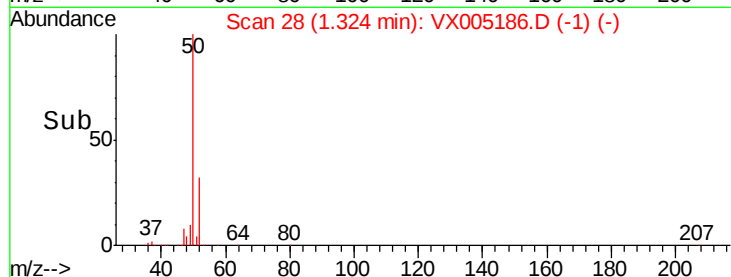
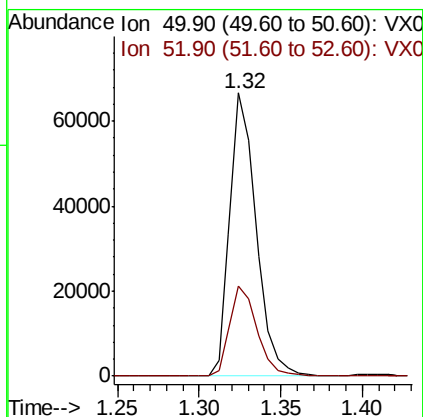
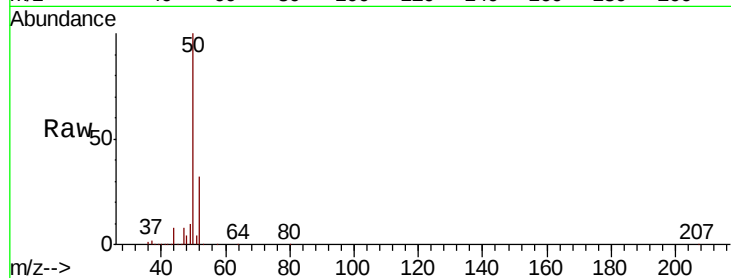
52 31.7 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#4

Vinyl Chloride

Concen: 24.892 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005186.D

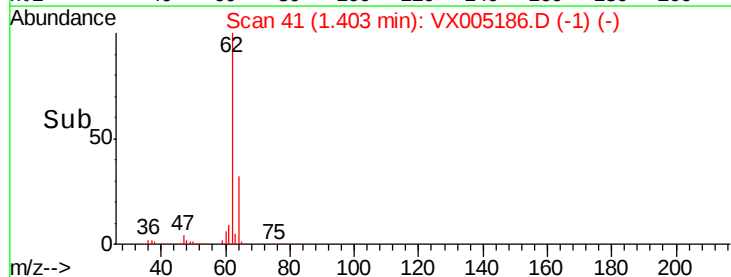
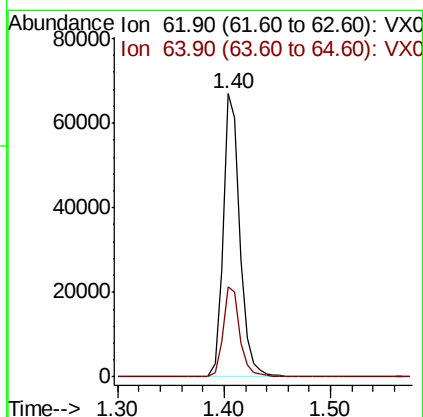
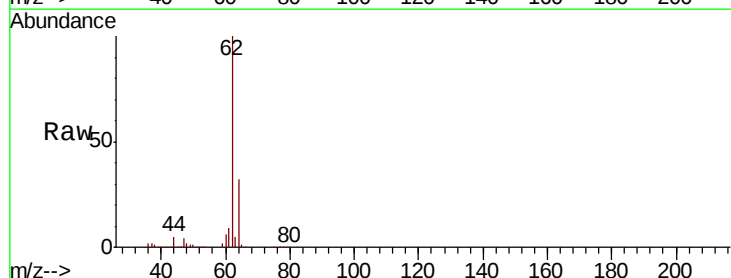
Acq: 10 Oct 2018 04:18

Tgt Ion: 62 Resp: 73626

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 23.886 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 94 Resp: 41895

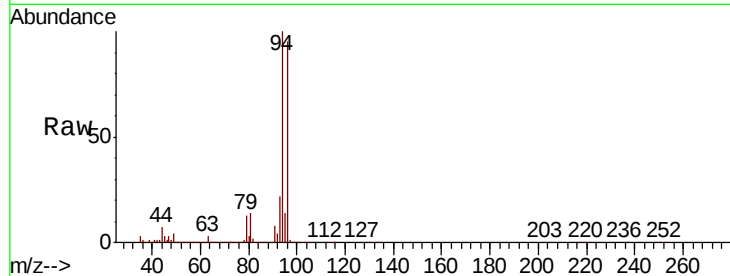
Ion Ratio Lower Upper

94 100

96 94.9 79.5 119.3

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

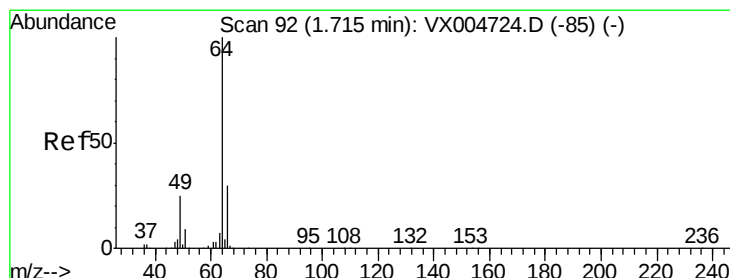
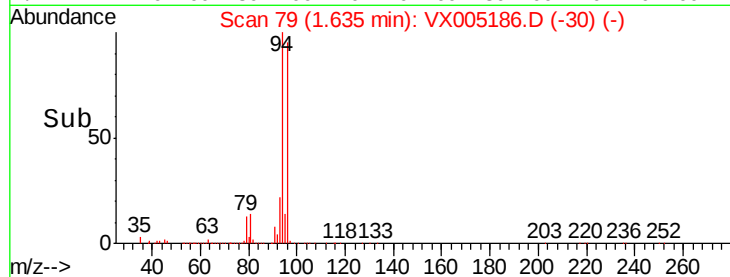
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 26.084 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005186.D

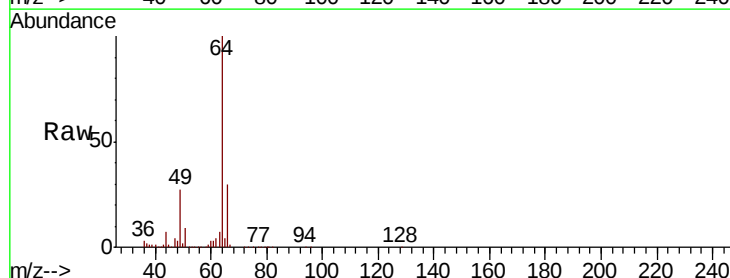
Acq: 10 Oct 2018 04:18

Tgt Ion: 64 Resp: 43840

Ion Ratio Lower Upper

64 100

66 30.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

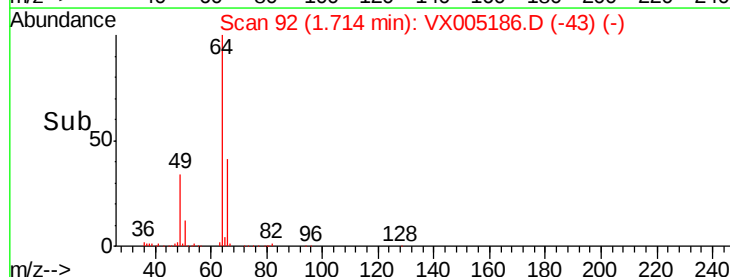
30000

20000

10000

0

Time-->





#7

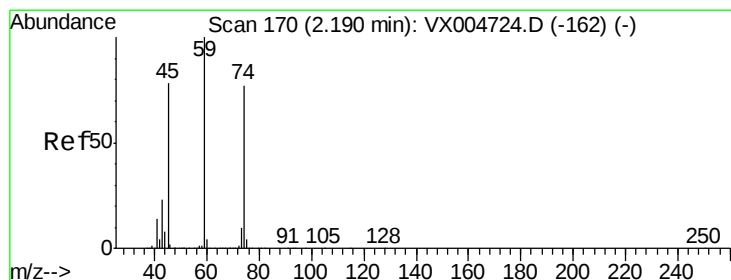
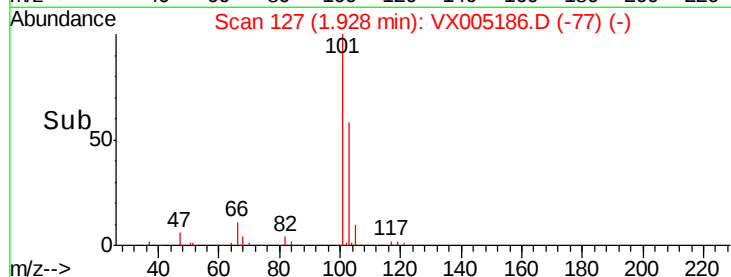
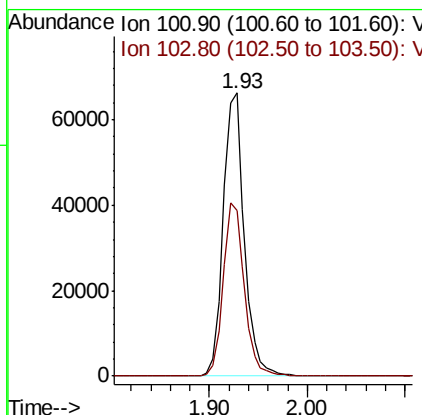
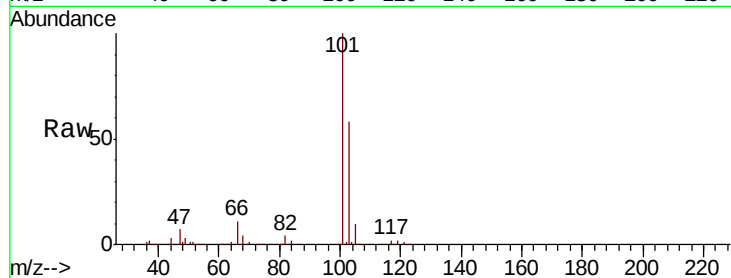
Trichlorofluoromethane
 Concen: 27.005 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.3	48.4	72.6

Manual Integrations
 APPROVED

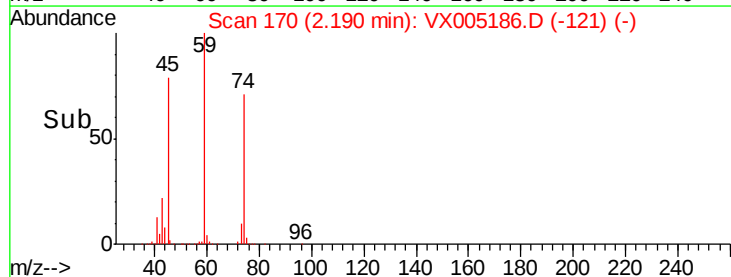
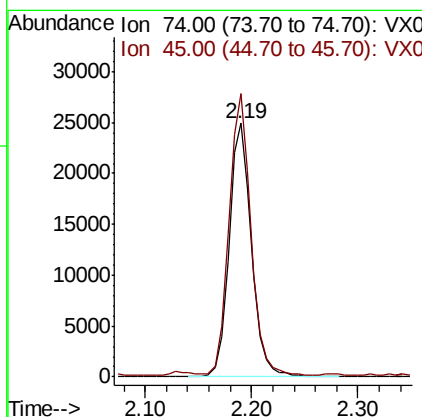
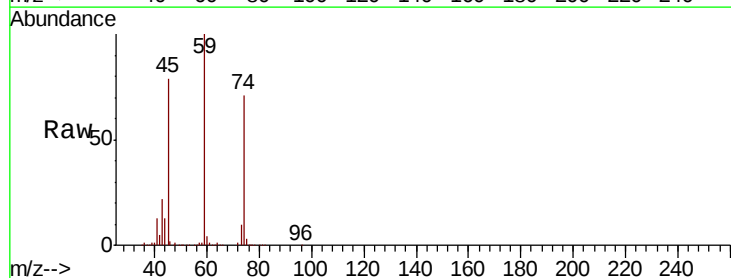
MMDadoda
 10/11/2018 5:31:49 PM

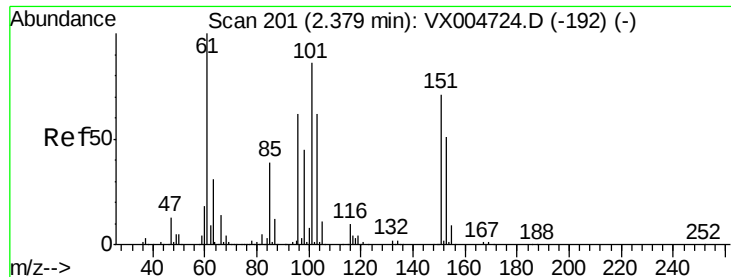


#8

Diethyl Ether
 Concen: 22.977 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.6	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.547 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

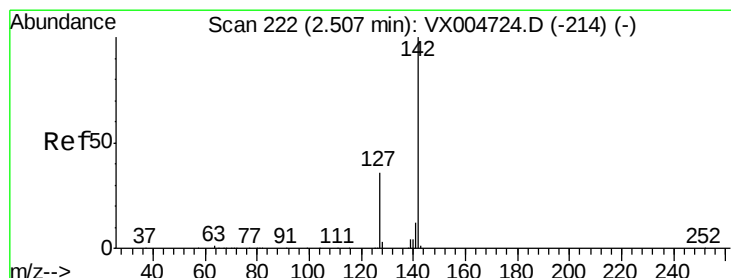
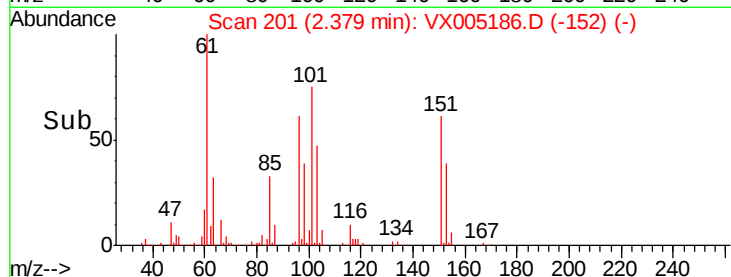
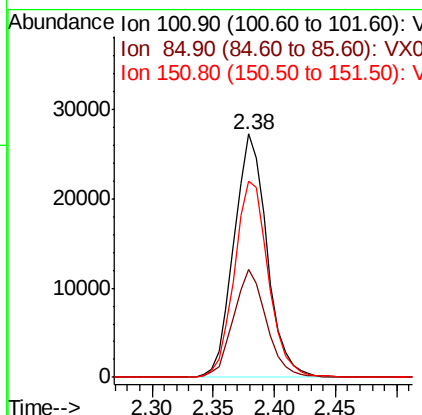
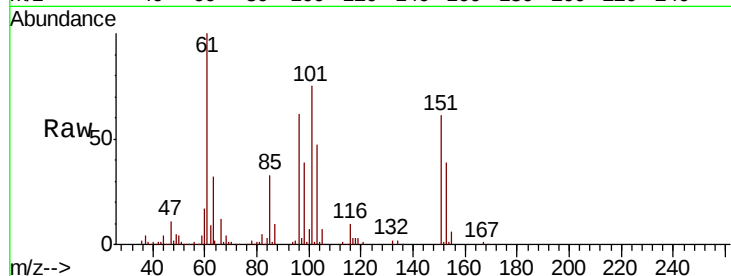
ClientSampleId :

VX1009WBSD02

Tot Ion:	101	Resp:	51200
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.9	53.9
151	82.8	66.6	100.0

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#10

Methyl Iodide

Concen: 19.836 ug/l

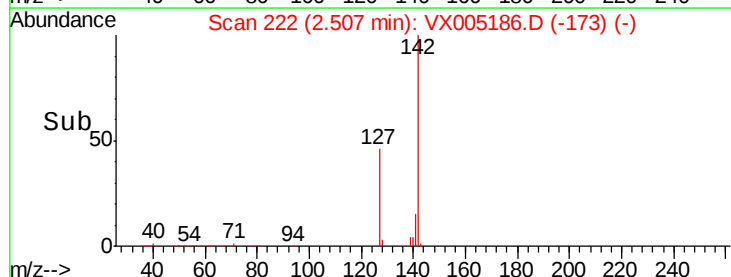
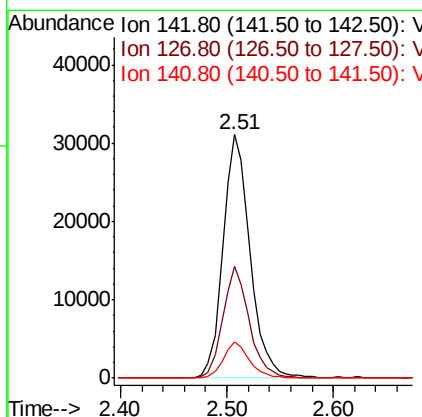
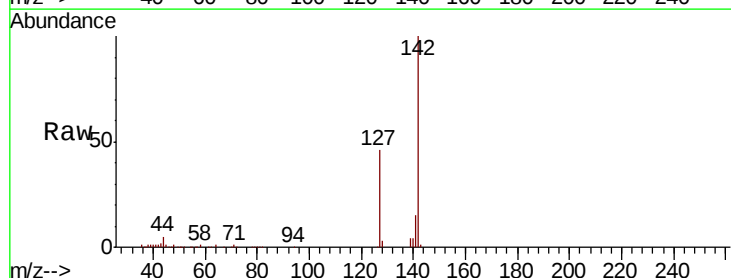
RT: 2.51 min Scan# 222

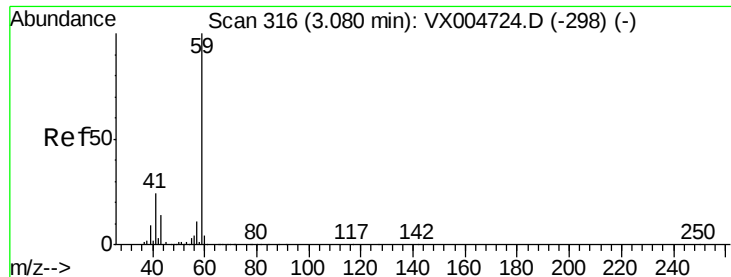
Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:	142	Resp:	55366
Ion Ratio	Lower	Upper	
142	100		
127	44.4	30.1	45.1
141	14.4	10.1	15.1





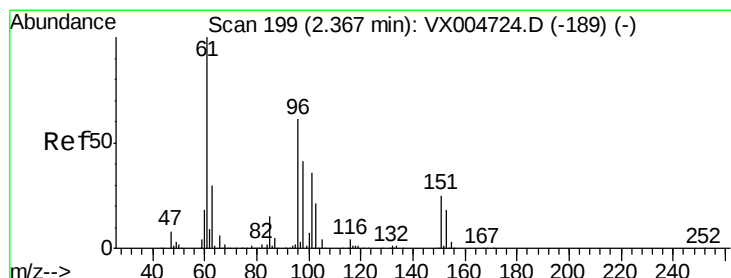
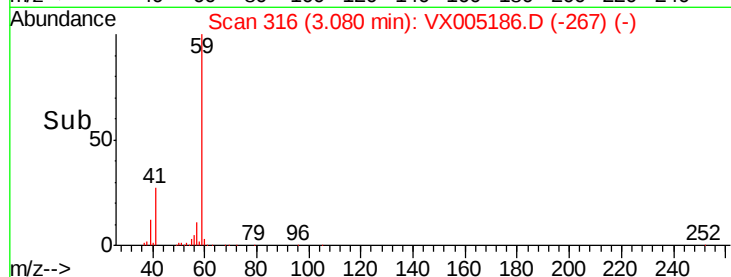
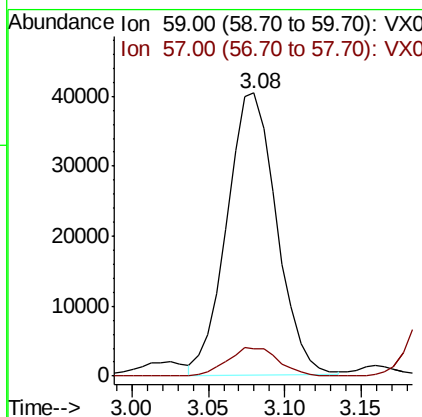
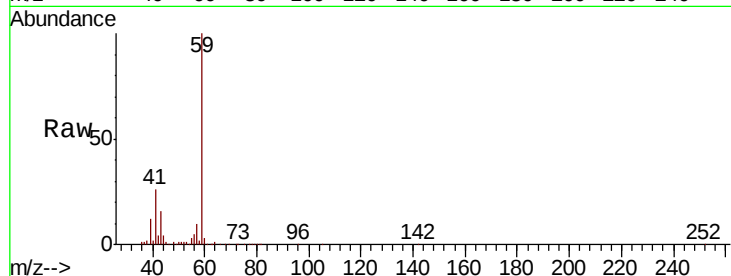
#11
Tert butyl alcohol
Concen: 119.586 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

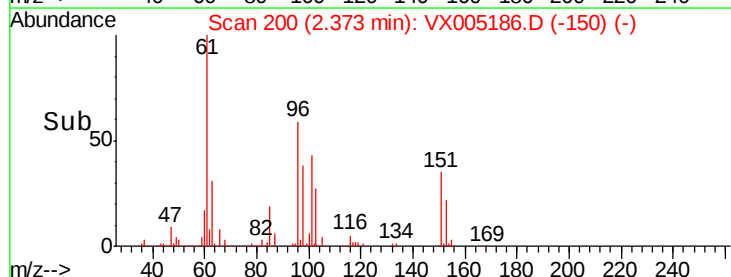
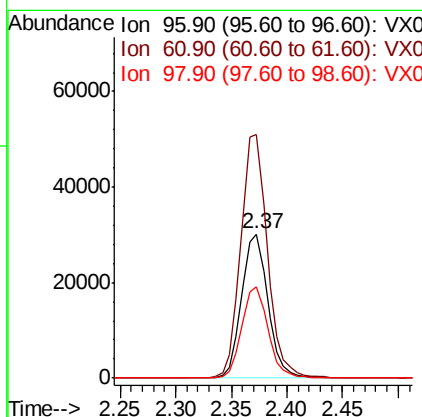
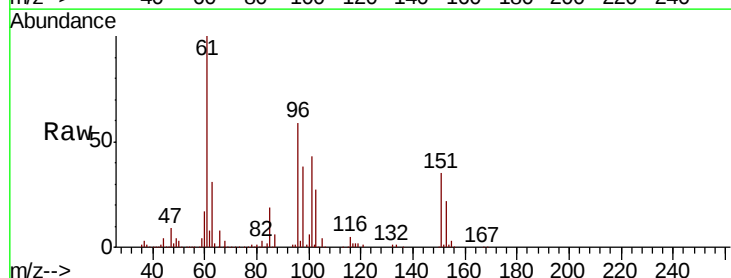
Manual Integrations
APPROVED

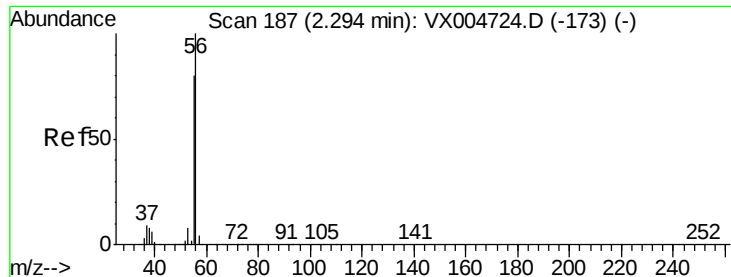
MMDadoda
10/11/2018 5:31:49 PM



#12
1,1-Dichloroethene
Concen: 24.182 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	130.2	195.4
98	63.8	53.4	80.0





#13

Acrolein

Concen: 98.995 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 56 Resp: 53633

Ion Ratio Lower Upper

56 100

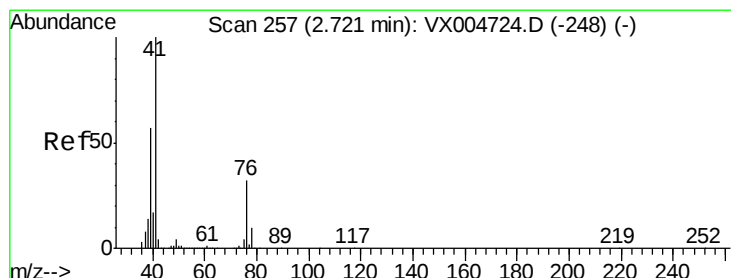
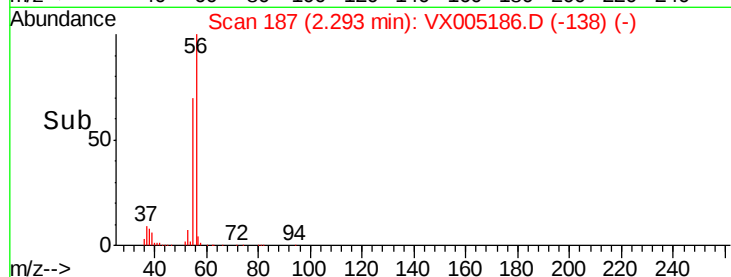
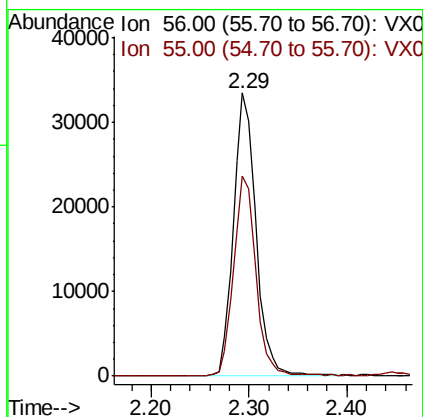
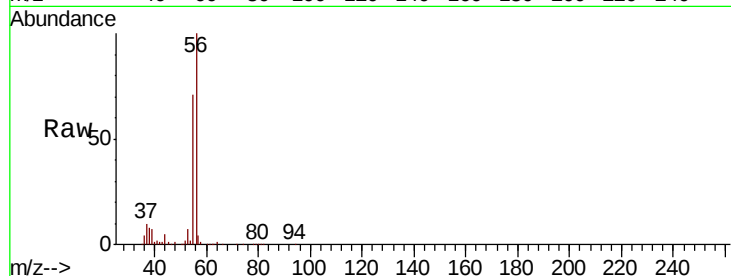
55 69.1 63.4 95.2

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#14

Allyl chloride

Concen: 24.286 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

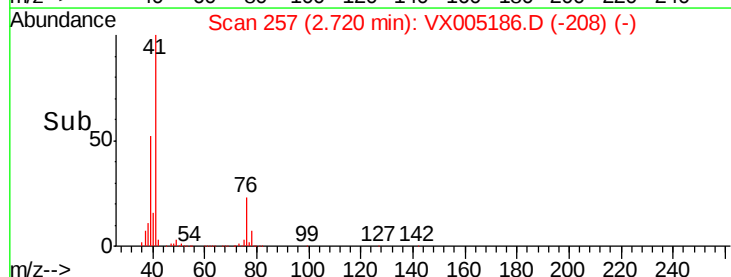
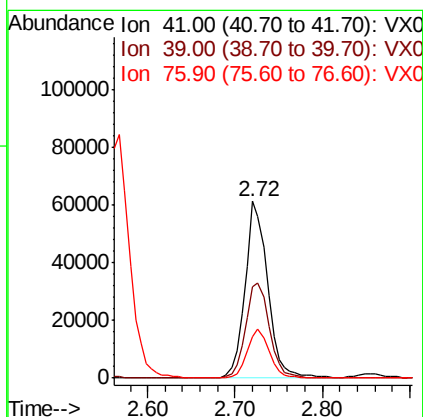
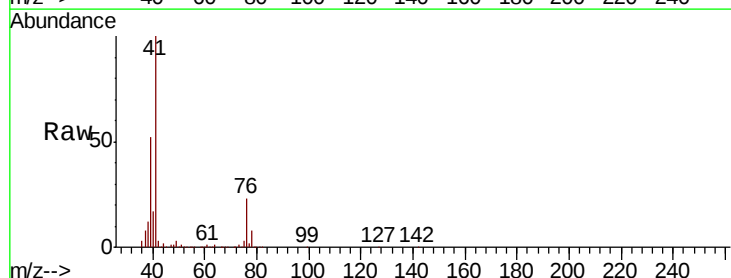
Tgt Ion: 41 Resp: 109458

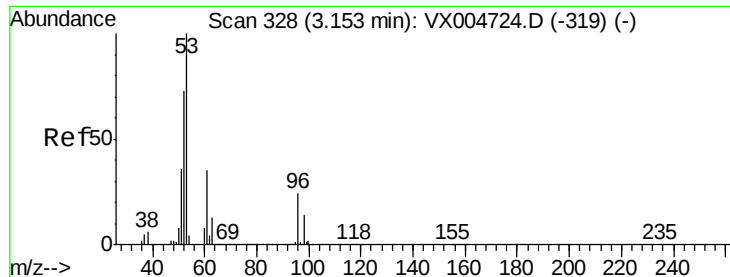
Ion Ratio Lower Upper

41 100

39 56.4 44.1 66.1

76 27.0 25.0 37.4





#15

Acrylonitrile

Concen: 124.167 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

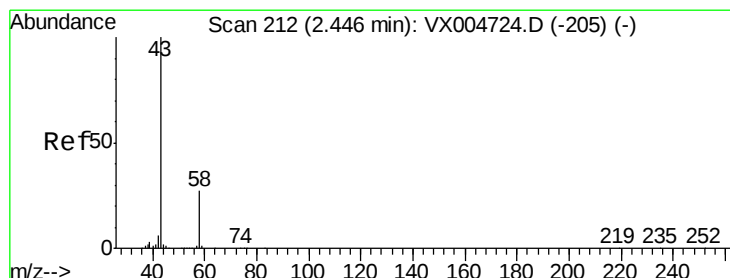
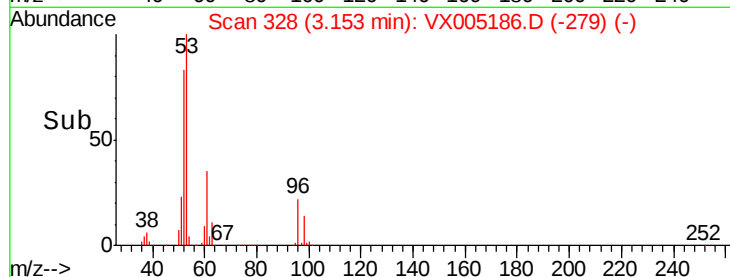
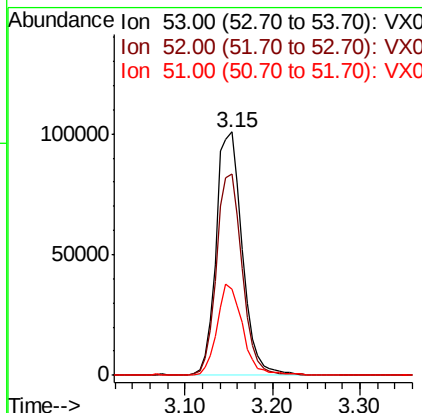
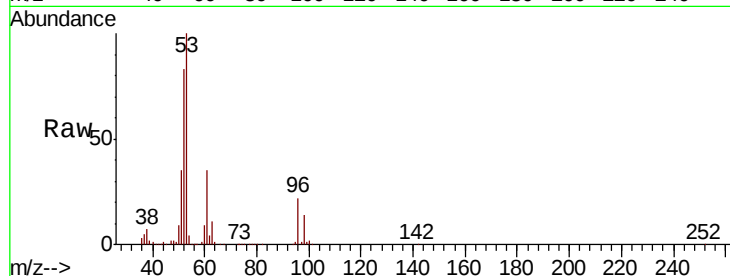
ClientSampleId :

VX1009WBSD02

Tot Ion:	53	Resp:	208137
Ion Ratio	Lower	Upper	
53	100		
52	81.5	63.0	94.4
51	36.7	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#16

Acetone

Concen: 117.250 ug/l

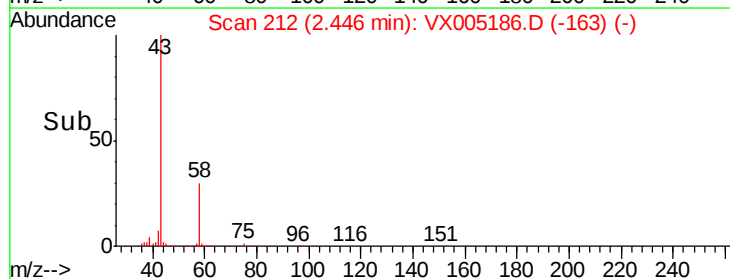
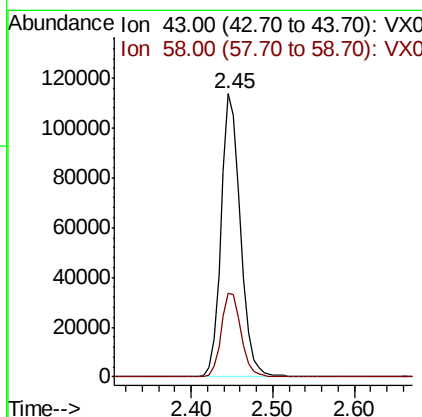
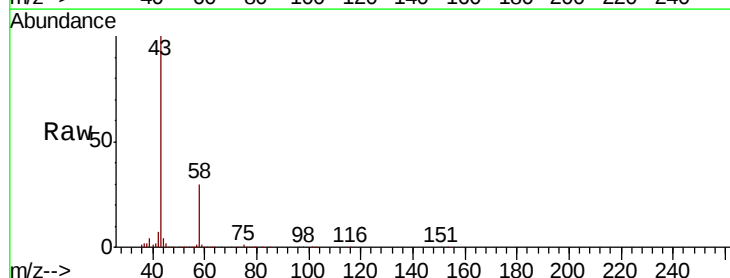
RT: 2.45 min Scan# 212

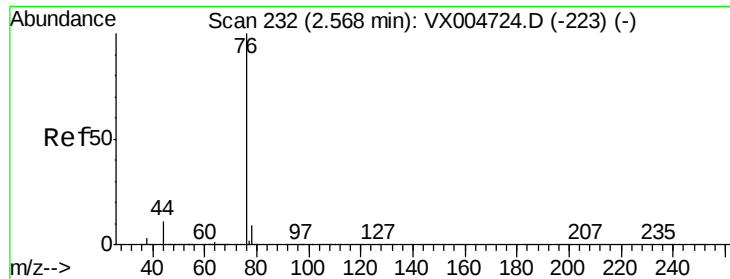
Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:	43	Resp:	186418
Ion Ratio	Lower	Upper	
43	100		
58	29.6	21.8	32.6





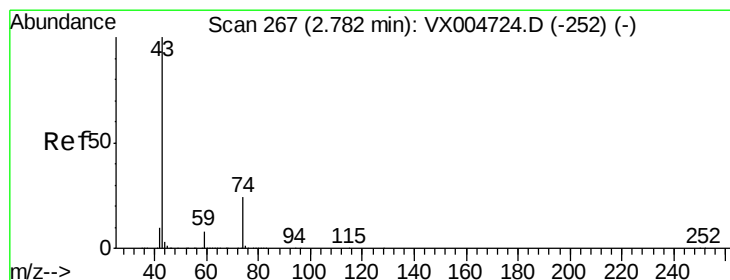
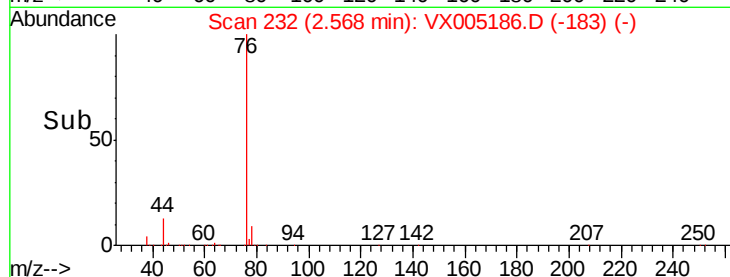
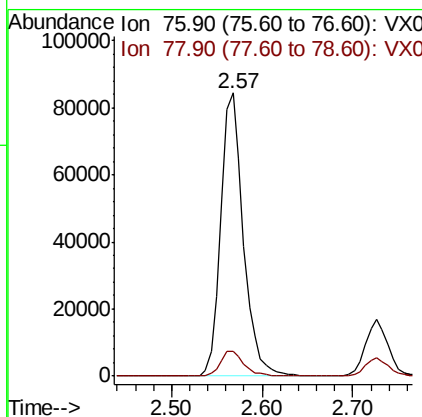
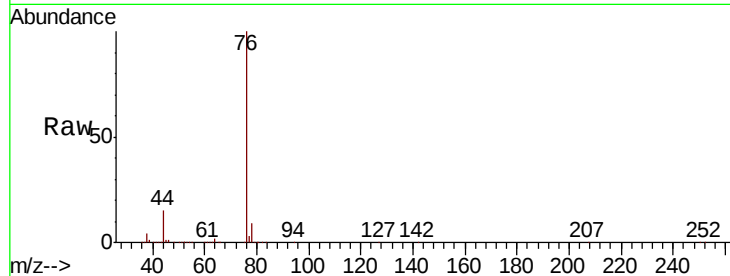
#17
Carbon Disulfide
Concen: 23.579 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

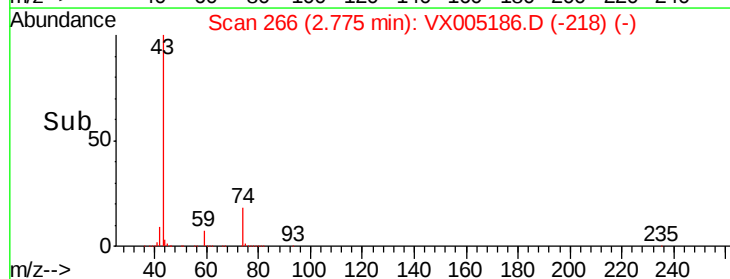
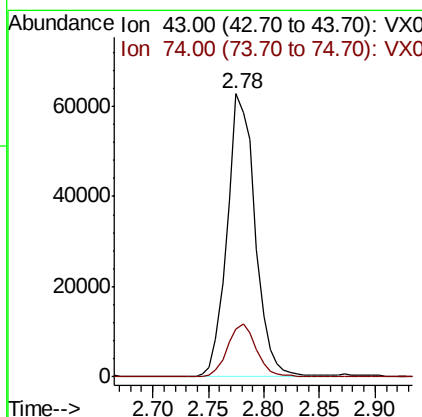
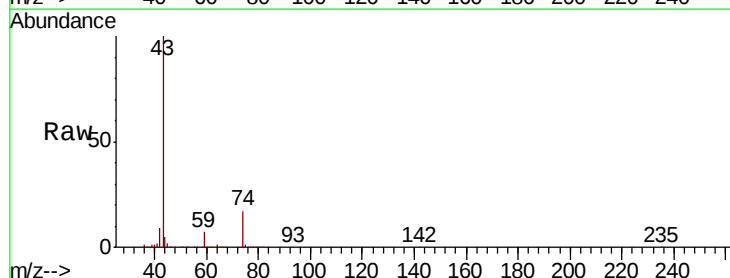
Manual Integrations
APPROVED

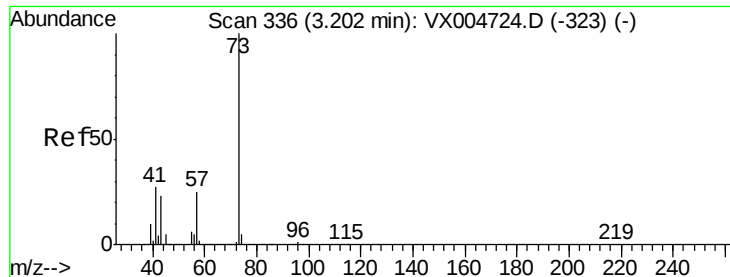
MMDadoda
10/11/2018 5:31:49 PM



#18
Methyl Acetate
Concen: 27.145 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.2	17.8	26.8





#19

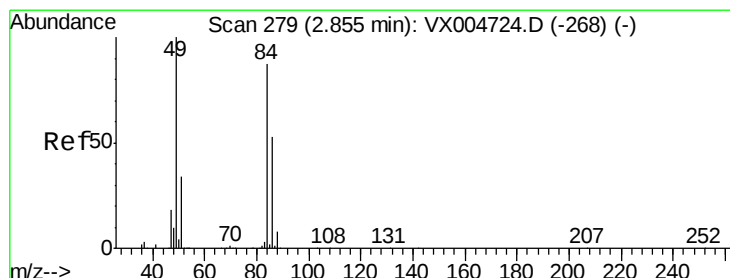
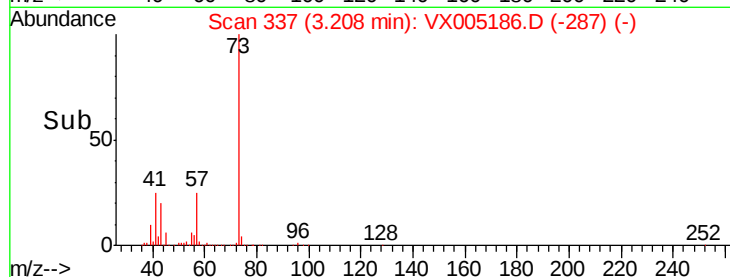
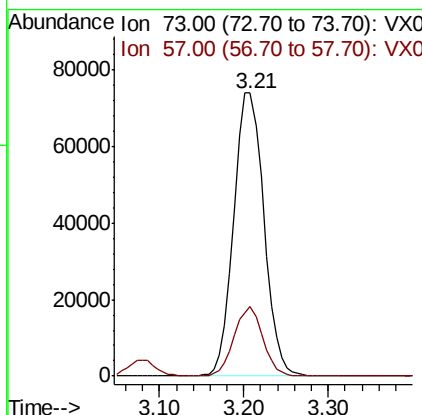
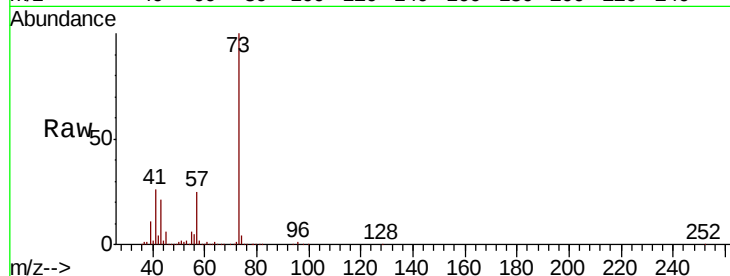
Methyl tert-butyl Ether
 Concen: 25.185 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.9	29.9

Manual Integrations
 APPROVED

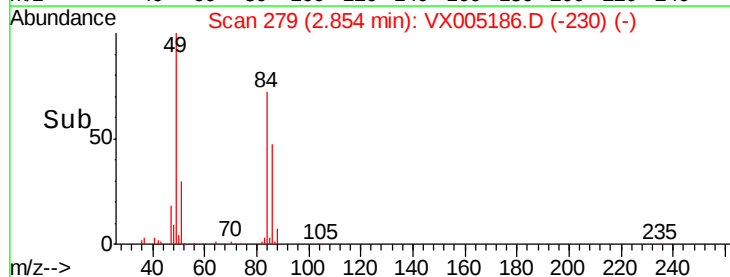
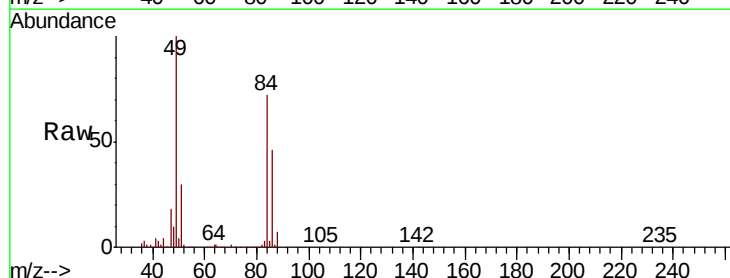
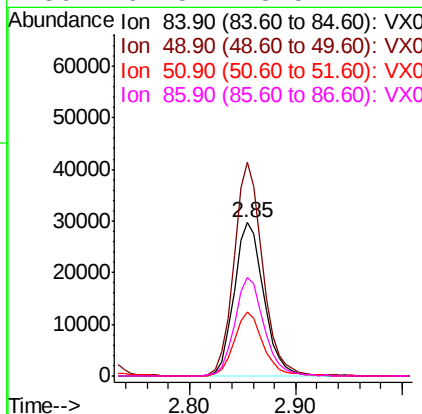
MMDadoda
 10/11/2018 5:31:49 PM

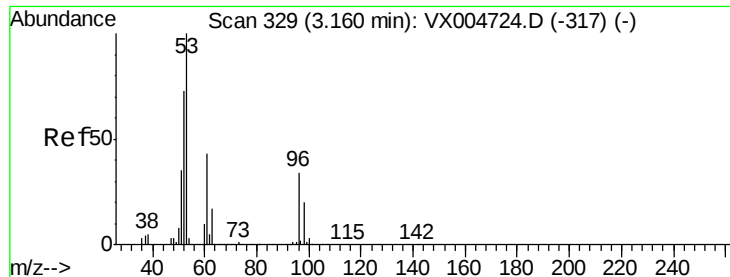


#20

Methylene Chloride
 Concen: 24.760 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.5	92.3	138.5#
51	41.5	31.8	47.6
86	64.8	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 24.111 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

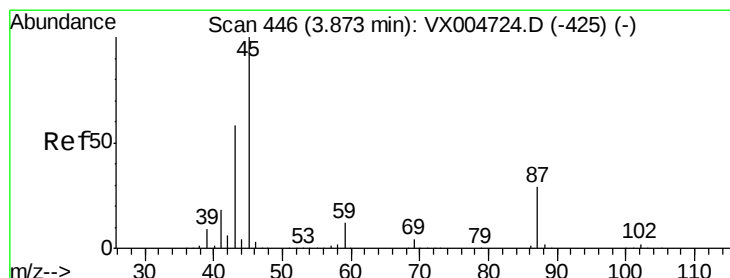
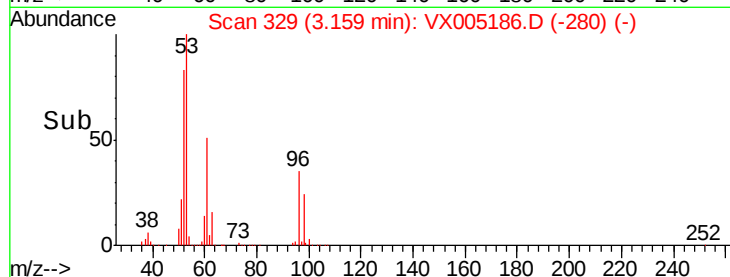
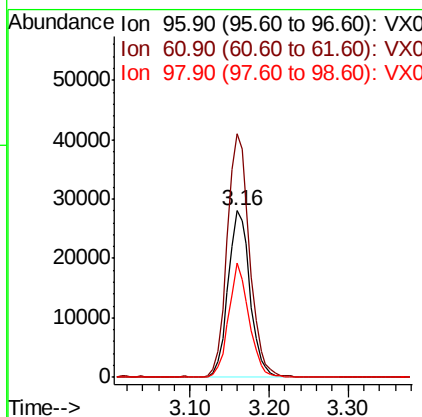
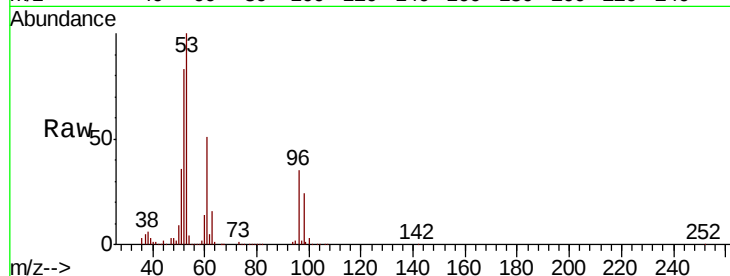
ClientSampleId :

VX1009WBSD02

Tot Ion:	96	Resp:	54521
Ion	Ratio	Lower	Upper
96	100		
61	145.8	101.0	151.6
98	68.3	47.2	70.8

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#22

Diisopropyl ether

Concen: 23.850 ug/l

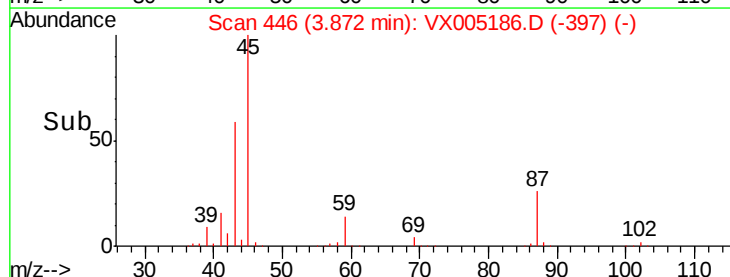
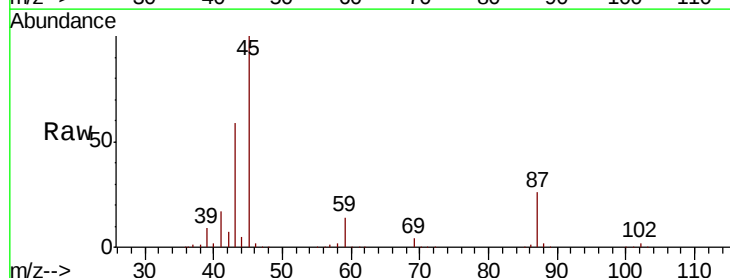
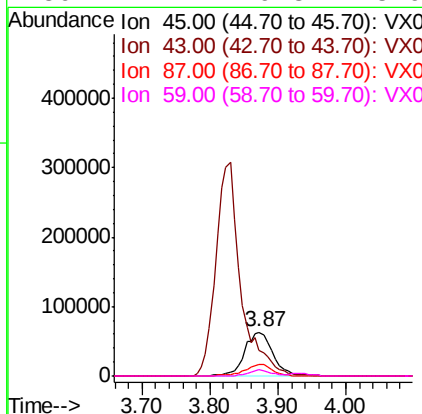
RT: 3.87 min Scan# 446

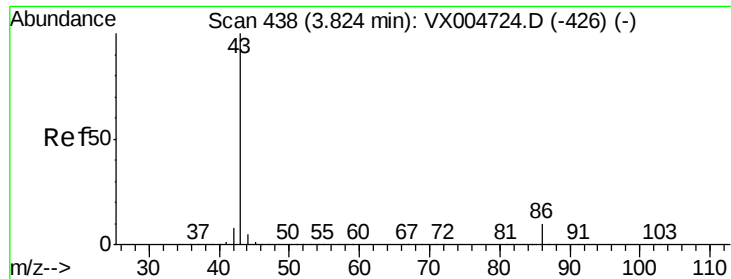
Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:	45	Resp:	181008
Ion	Ratio	Lower	Upper
45	100		
43	59.0	46.7	70.1
87	26.2	22.9	34.3
59	14.4	9.3	13.9





#23

Vinyl Acetate

Concen: 113.564 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 43 Resp: 788947

Ion Ratio Lower Upper

43 100

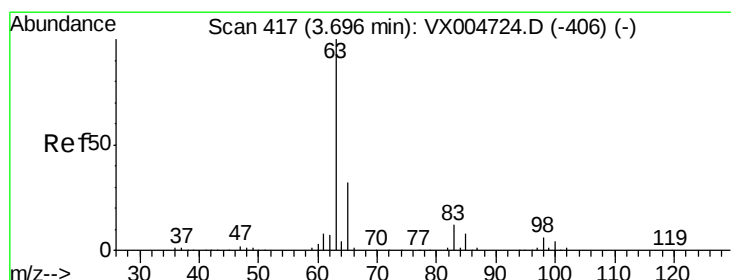
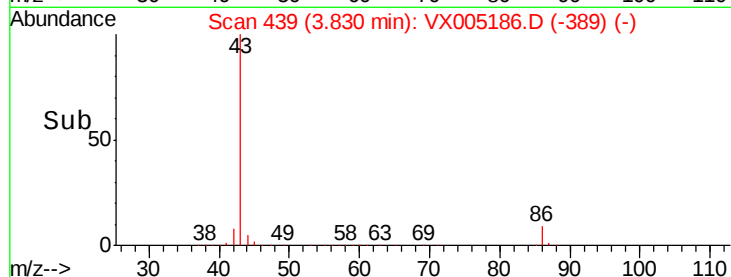
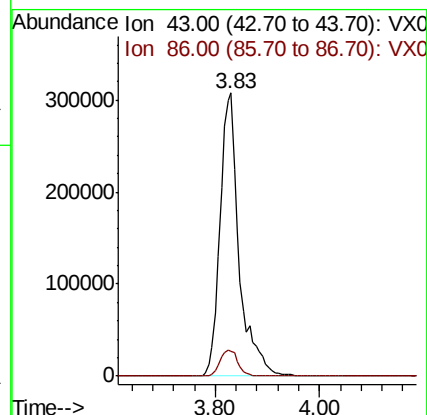
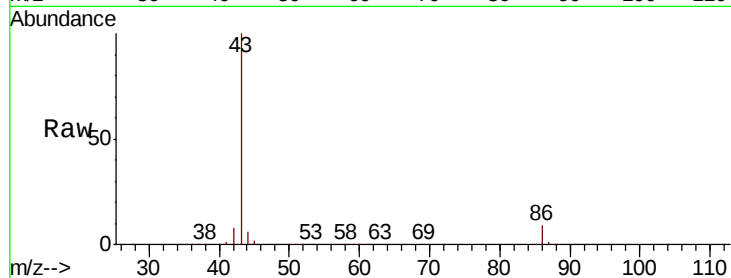
86 9.0 8.1 12.1

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#24

1,1-Dichloroethane

Concen: 22.880 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

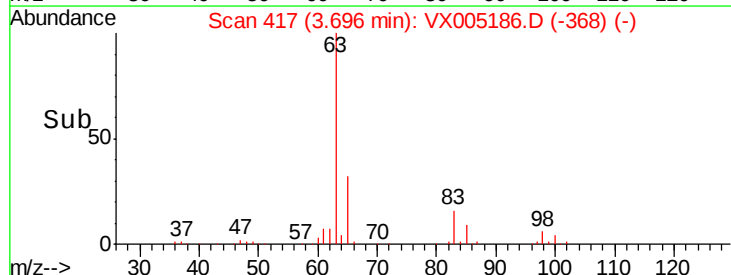
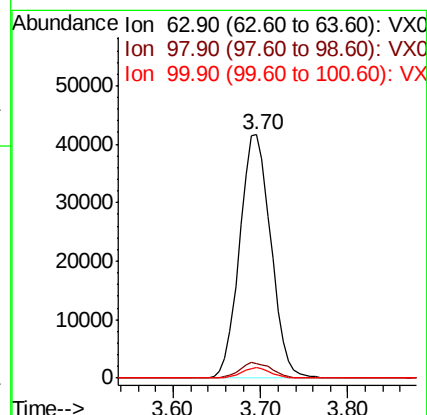
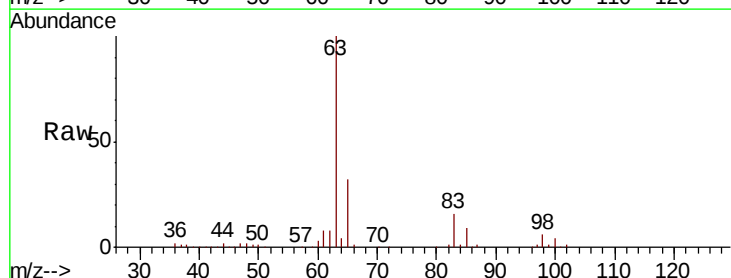
Tgt Ion: 63 Resp: 103583

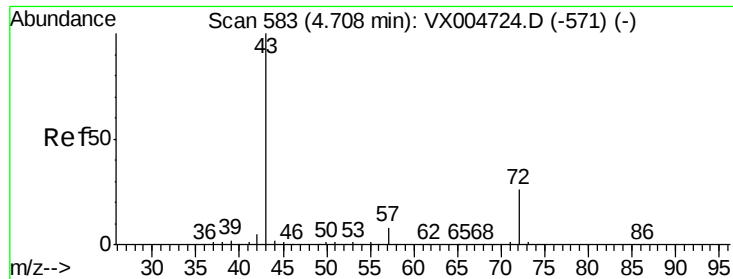
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.4 2.0 5.8





#25

2-Butanone

Concen: 112.721 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 43 Resp: 264172

Ion Ratio Lower Upper

43 100

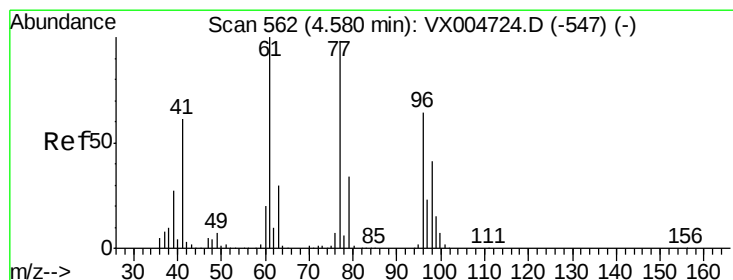
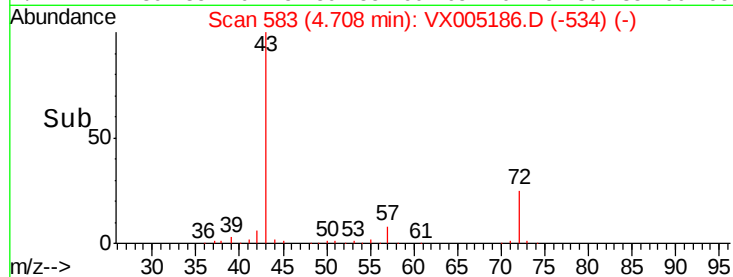
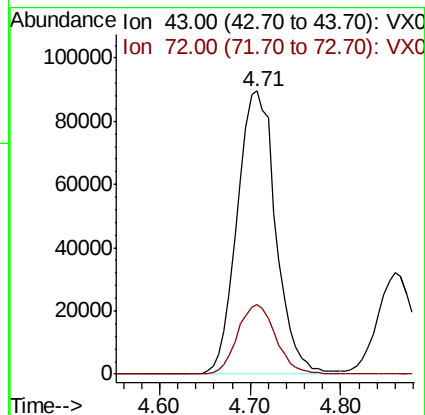
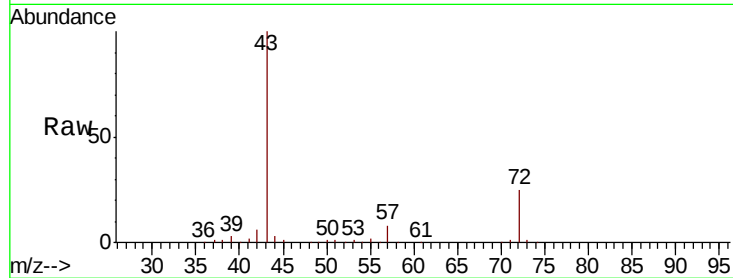
72 24.5 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#26

2,2-Dichloropropane

Concen: 13.736 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005186.D

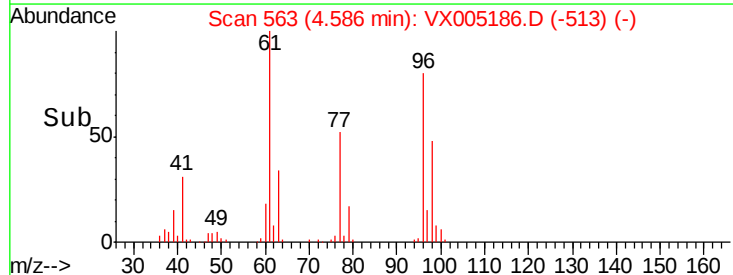
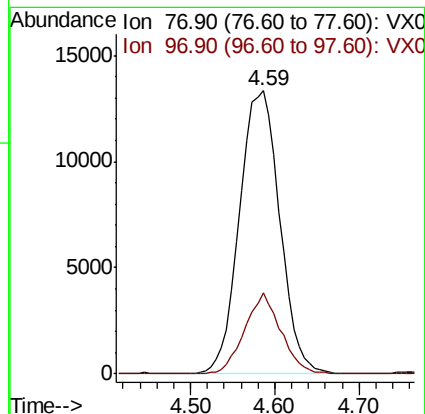
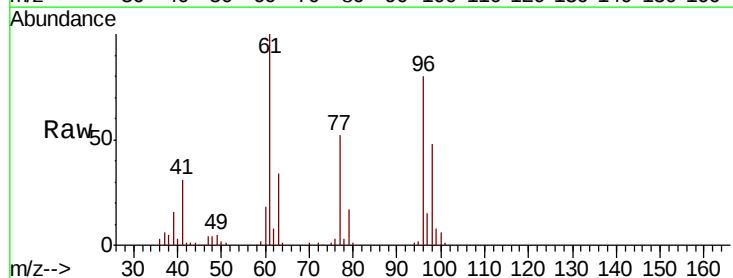
Acq: 10 Oct 2018 04:18

Tgt Ion: 77 Resp: 43305

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.8





#27

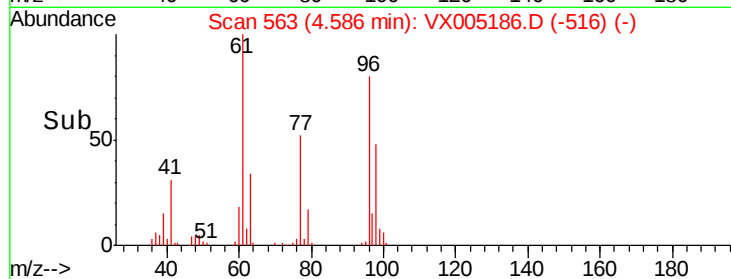
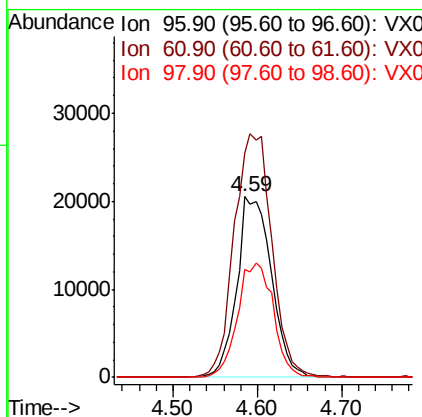
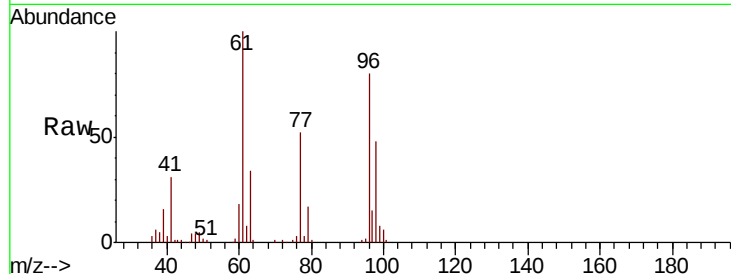
cis-1,2-Dichloroethene
Concen: 22.561 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	56992		
61	146.8		0.0	285.8
98	65.2		0.0	136.2

Manual Integrations
APPROVED

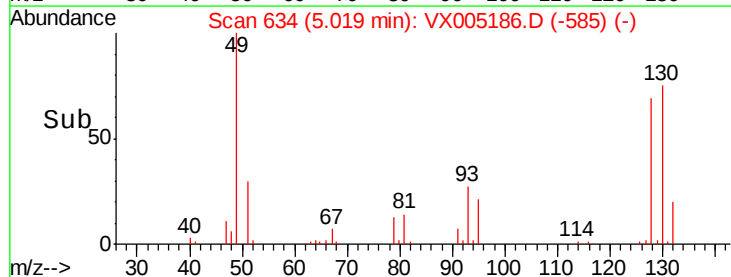
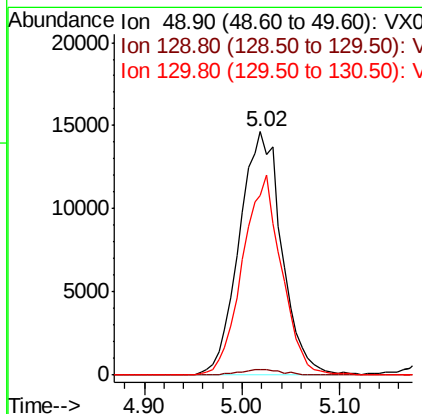
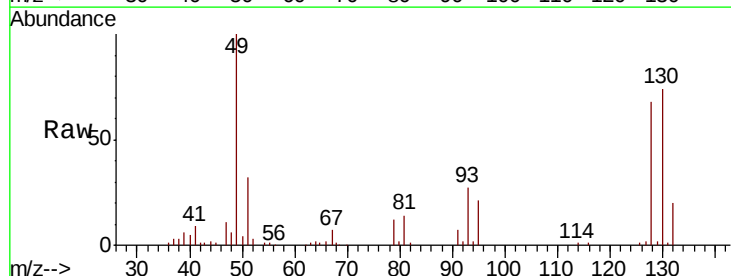
MMDadoda
10/11/2018 5:31:49 PM

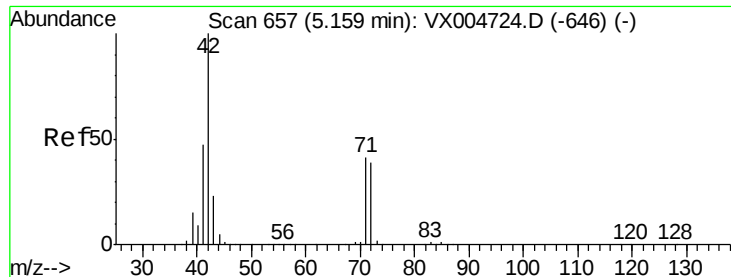


#28

Bromochloromethane
Concen: 20.714 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	44162		
129	2.2		0.0	4.2
130	75.4		62.0	93.0





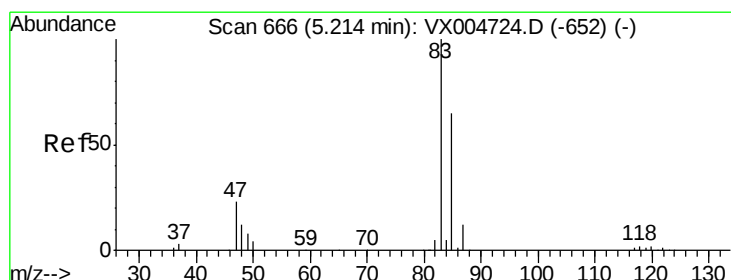
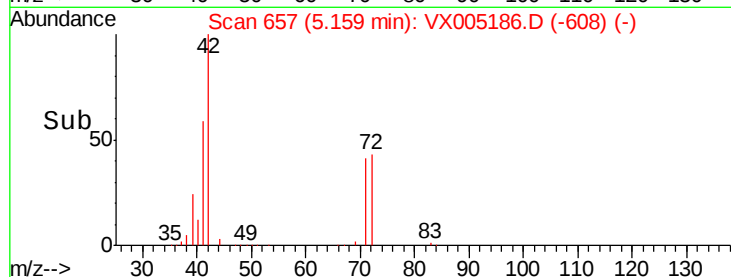
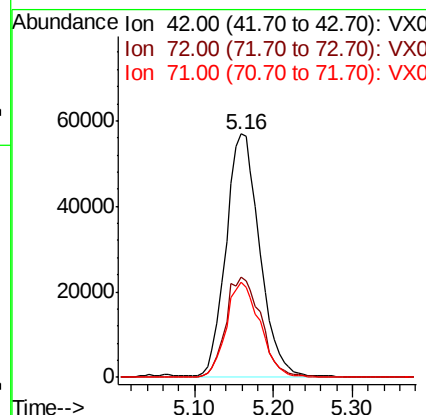
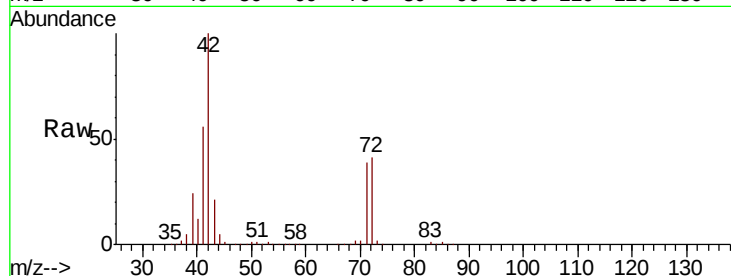
#29
Tetrahydrofuran
Concen: 115.525 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	33.7	50.5
71	39.6	32.2	48.4

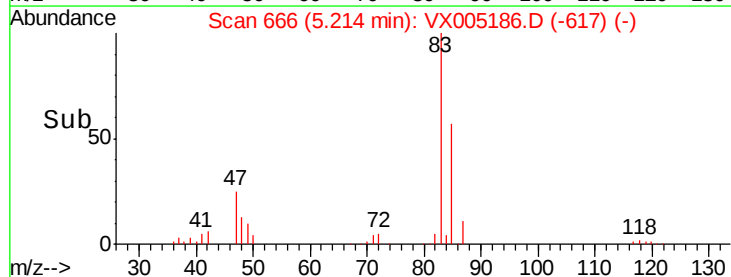
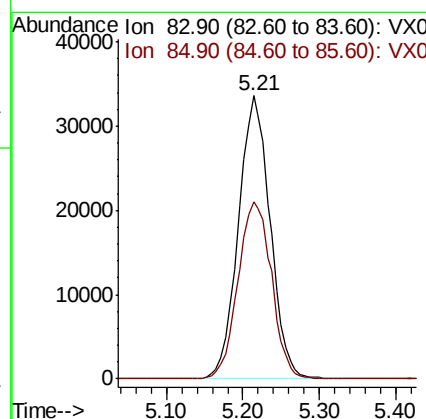
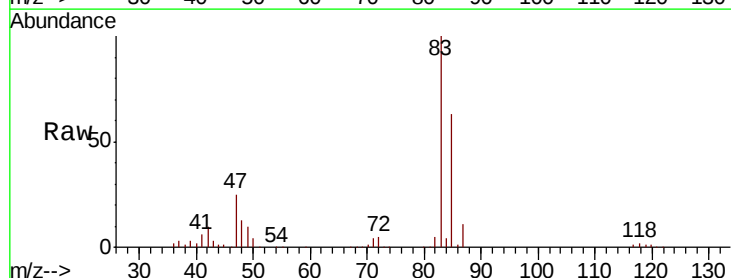
Manual Integrations
APPROVED

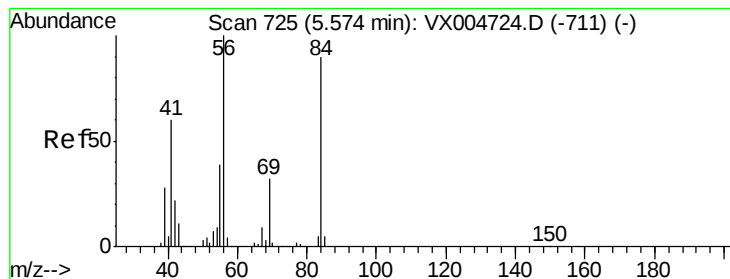
MMDadoda
10/11/2018 5:31:49 PM



#30
Chloroform
Concen: 22.603 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.4	78.6





#31

Cyclohexane

Concen: 24.342 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

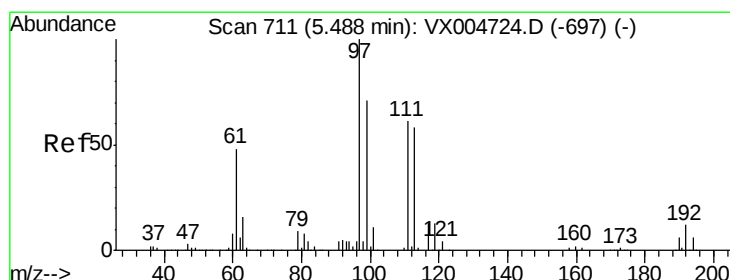
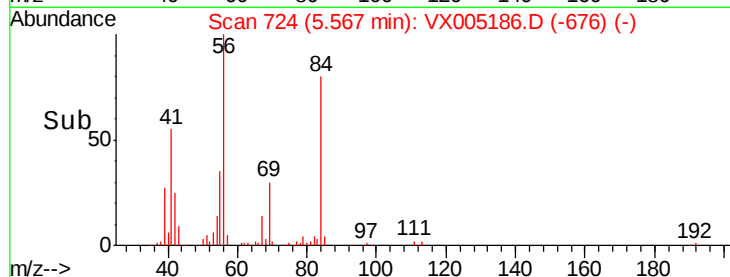
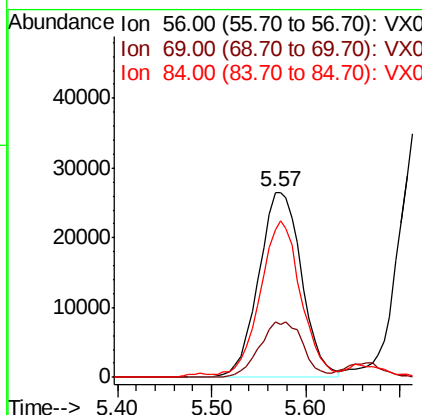
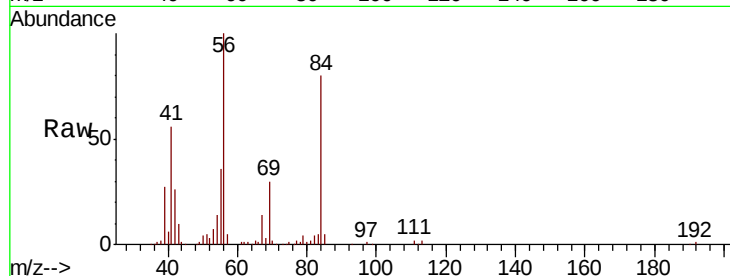
ClientSampleId :

VX1009WBSD02

Tot Ion:	56	Resp:	84345
Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.9	38.9
84	78.8	71.9	107.9

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#32

1,1,1-Trichloroethane

Concen: 23.638 ug/l

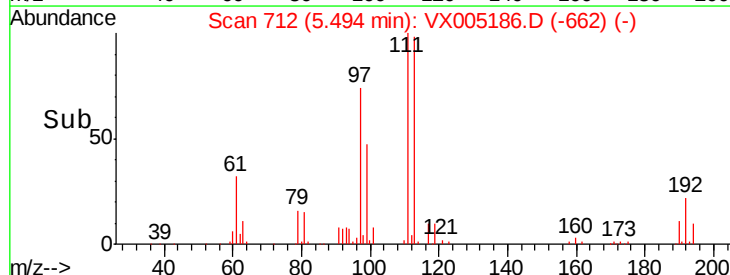
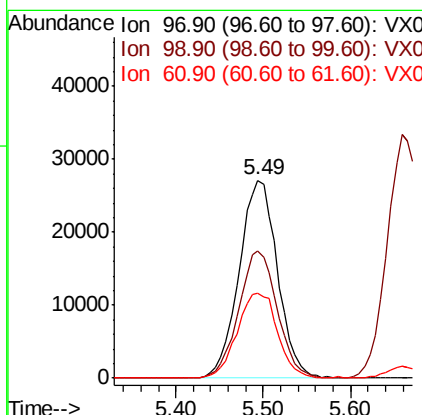
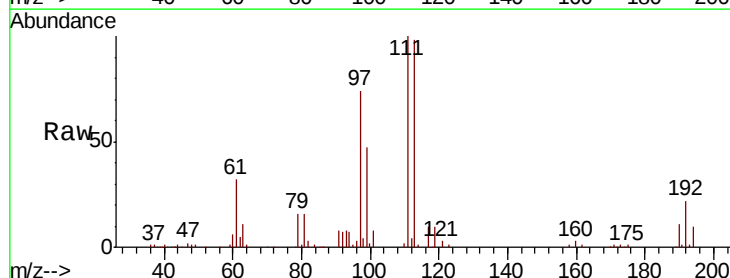
RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:	97	Resp:	82598
Ion	Ratio	Lower	Upper
97	100		
99	64.7	54.6	82.0
61	45.1	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 52.280 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 65 Resp: 142375

Ion Ratio Lower Upper

65 100

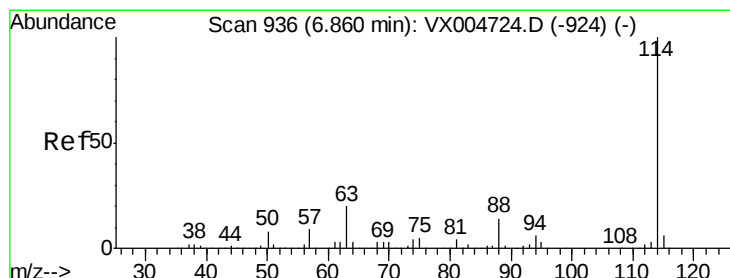
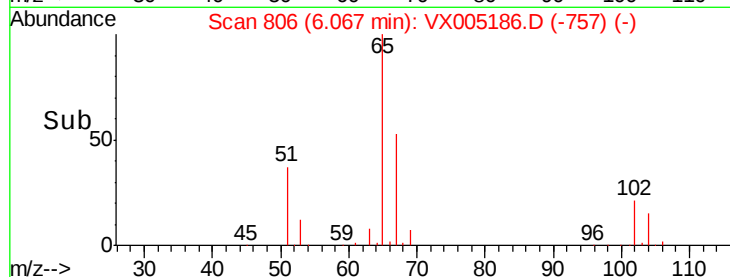
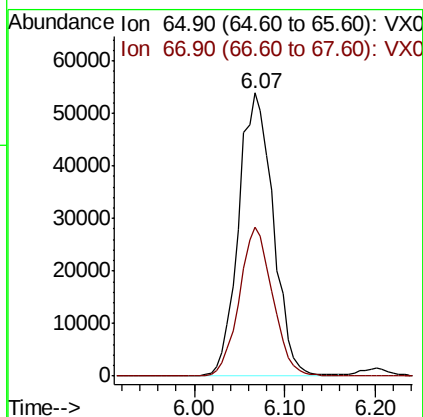
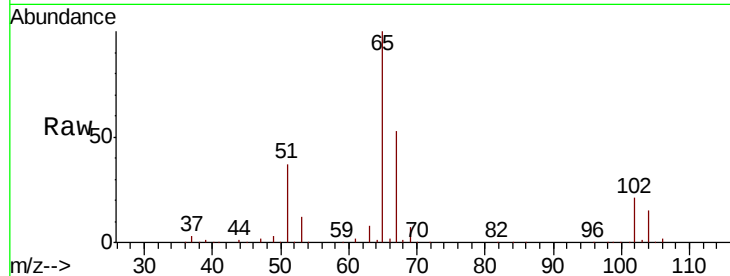
67 50.7 0.0 107.4

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

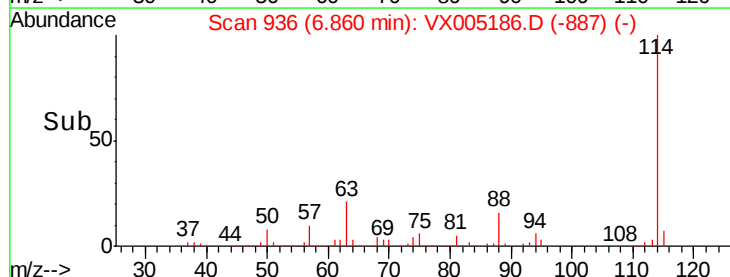
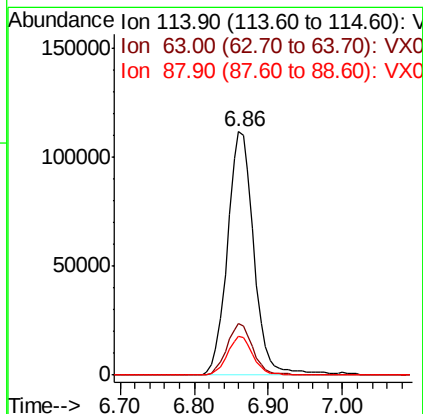
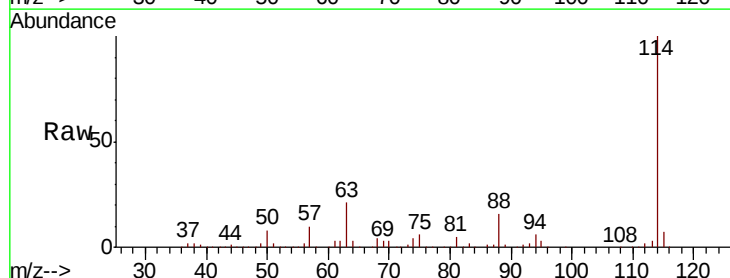
Tgt Ion: 114 Resp: 276742

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.8

88 16.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.628 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

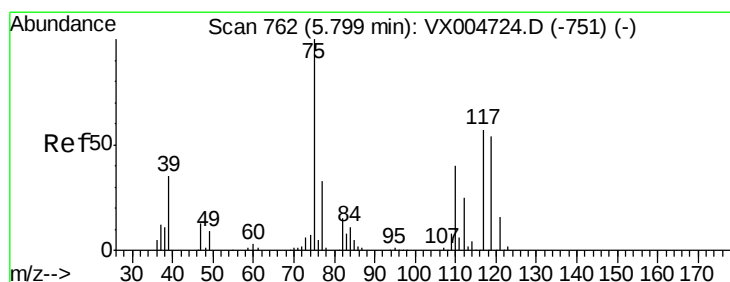
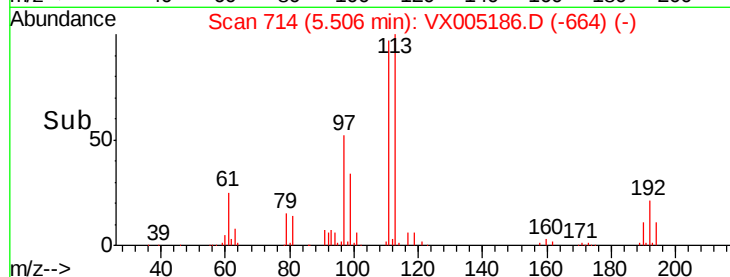
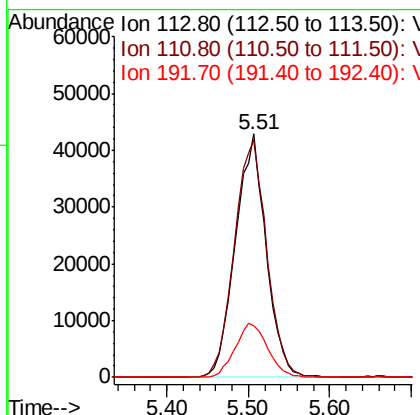
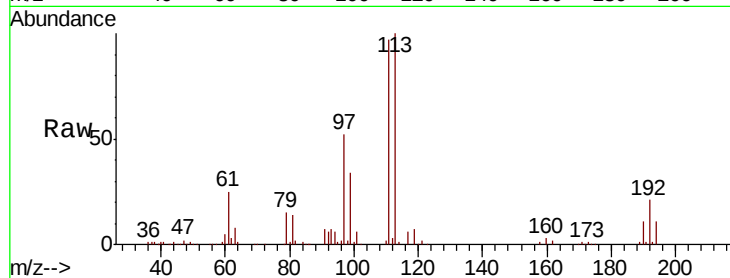
ClientSampleId :

VX1009WBSD02

Tot Ion:	113	Resp:	111707
Ion Ratio	Lower	Upper	
113	100		
111	102.8	77.0	115.4
192	23.5	17.0	25.6

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#36

1,1-Dichloropropene

Concen: 21.707 ug/l

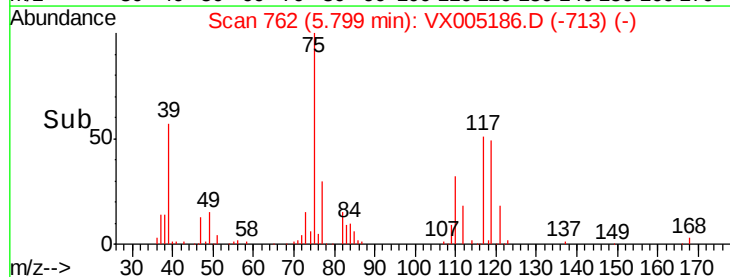
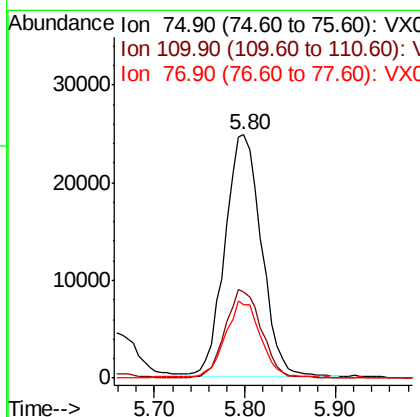
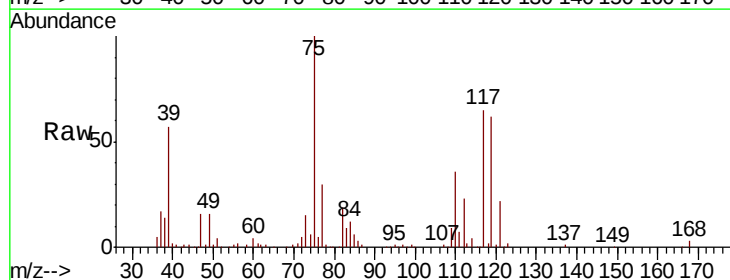
RT: 5.80 min Scan# 762

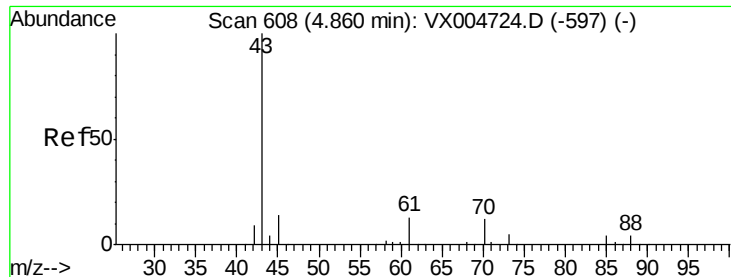
Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:	75	Resp:	69462
Ion Ratio	Lower	Upper	
75	100		
110	36.5	20.0	59.9
77	31.0	27.1	40.7





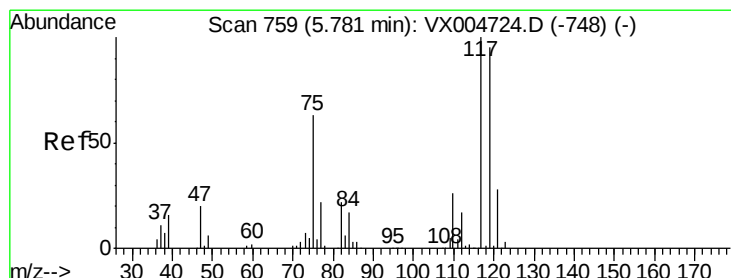
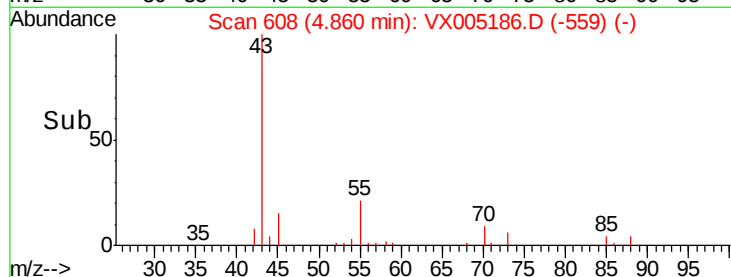
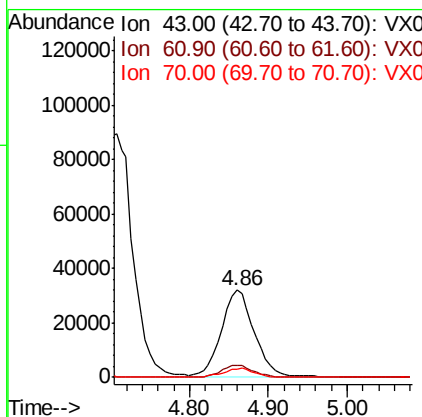
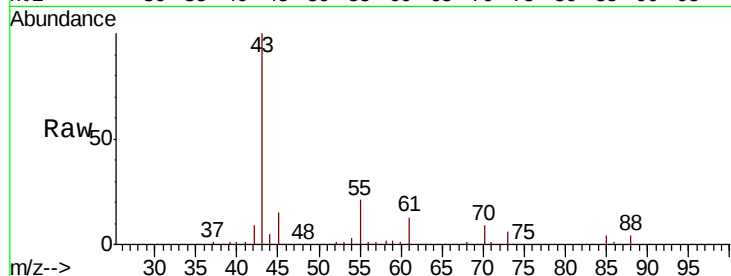
#37
Ethyl Acetate
Concen: 21.671 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.2	8.7	13.1

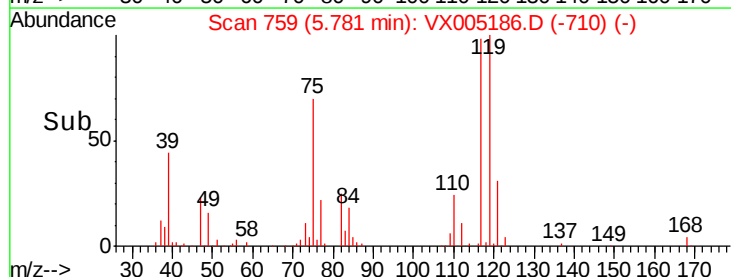
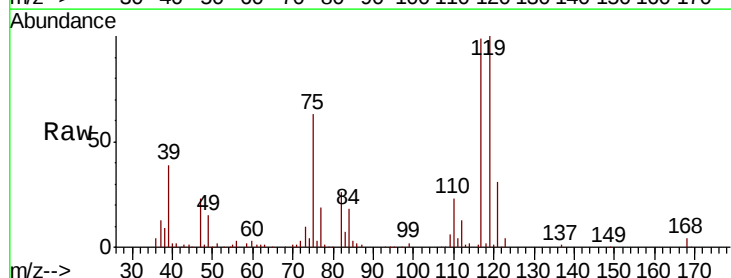
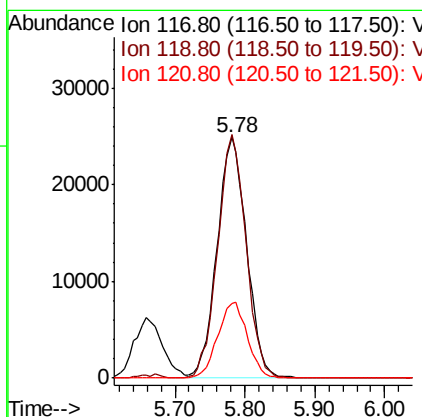
Manual Integrations
APPROVED

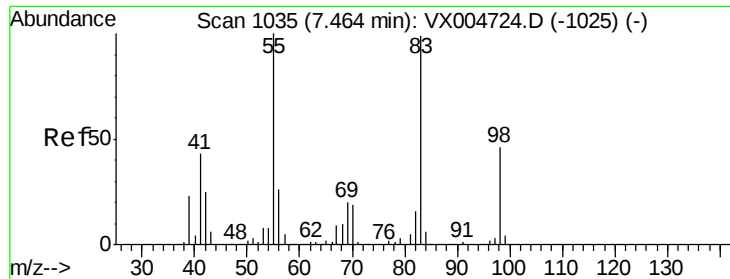
MMDadoda
10/11/2018 5:31:49 PM



#38
Carbon Tetrachloride
Concen: 21.658 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	75.2	112.8
121	31.3	22.5	33.7





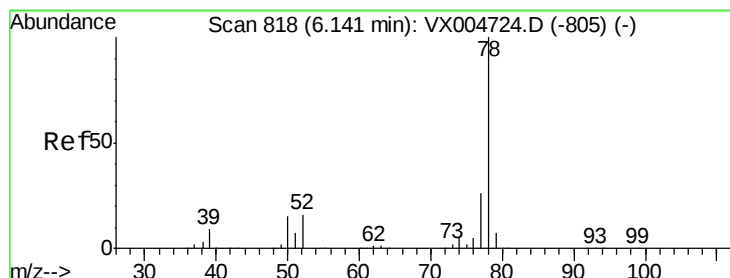
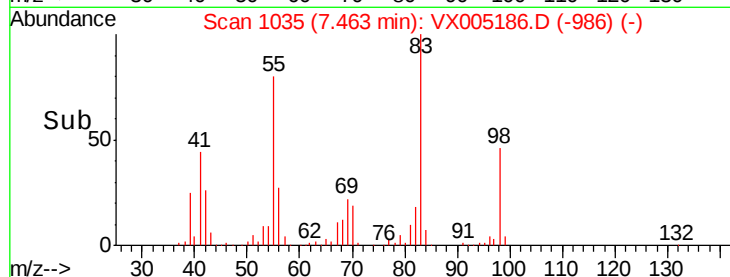
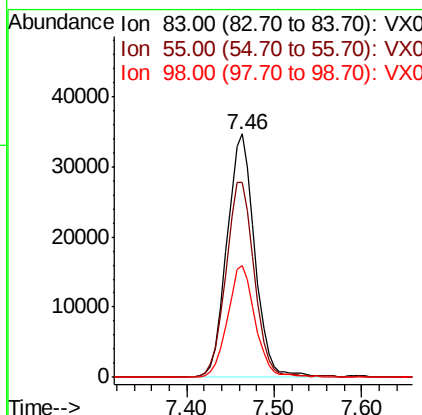
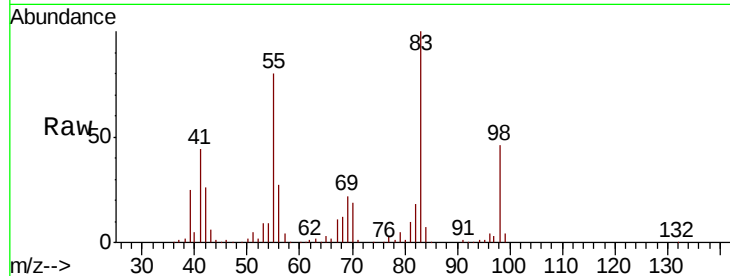
#39
Methvlcvclohexane
Concen: 23.494 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	81.1	121.7#
98	45.9	37.3	55.9

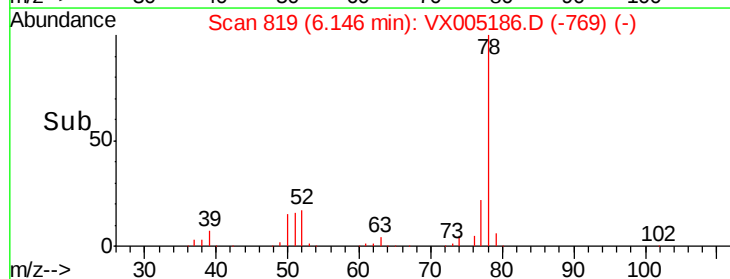
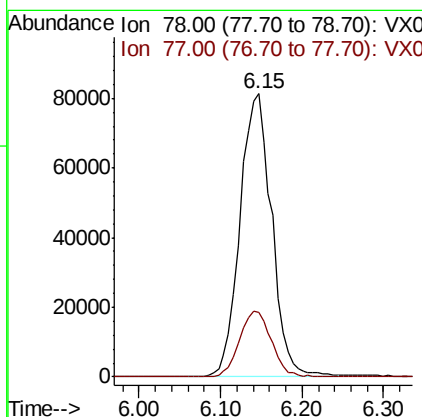
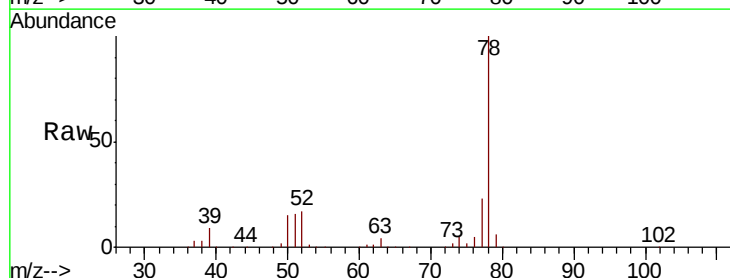
Manual Integrations
APPROVED

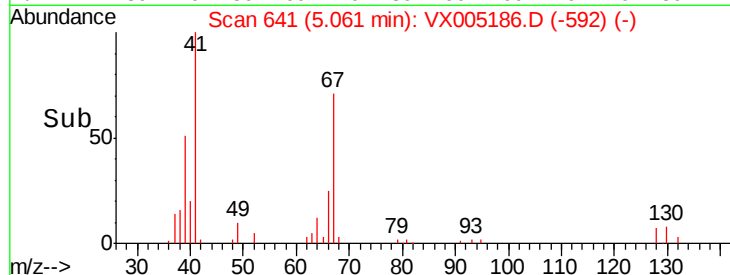
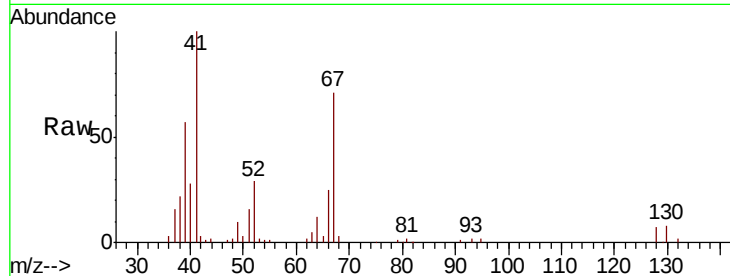
MMDadoda
10/11/2018 5:31:49 PM



#40
Benzene
Concen: 21.916 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	21.0	31.4





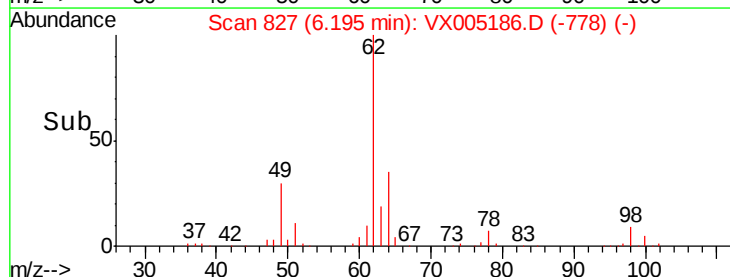
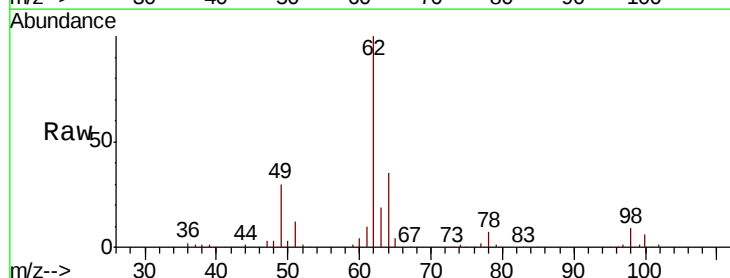
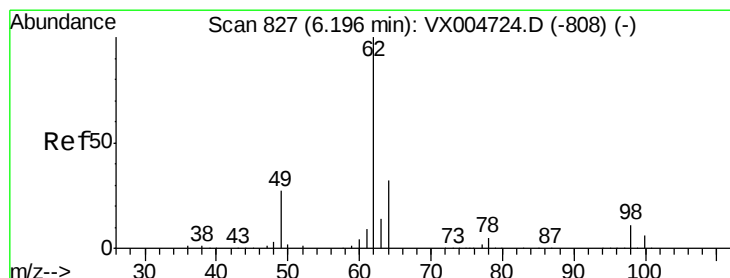
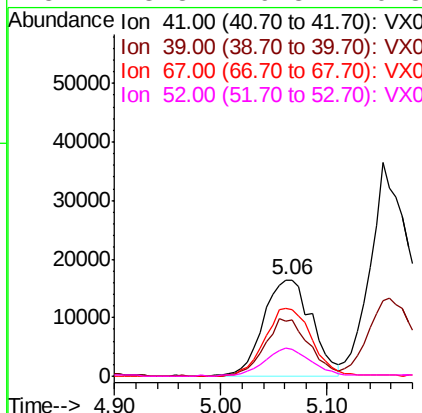
#41
Methacrylonitrile
Concen: 21.807 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	42.5	63.7	
67	68.9	53.0	79.6	
52	28.8	19.8	29.8	

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

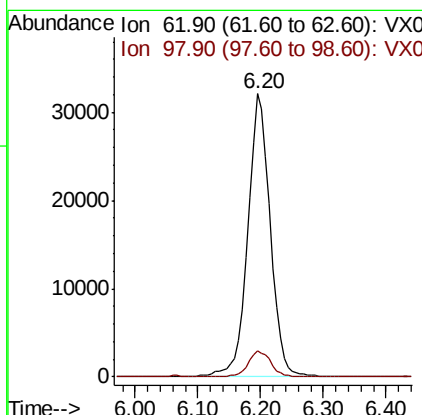
Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#42
1,2-Dichloroethane
Concen: 22.429 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	20.2	





#43

Isopropyl Acetate

Concen: 21.547 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

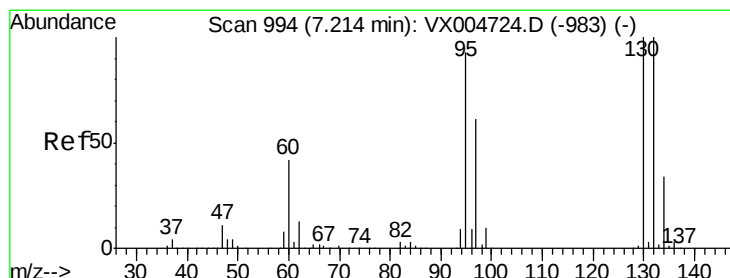
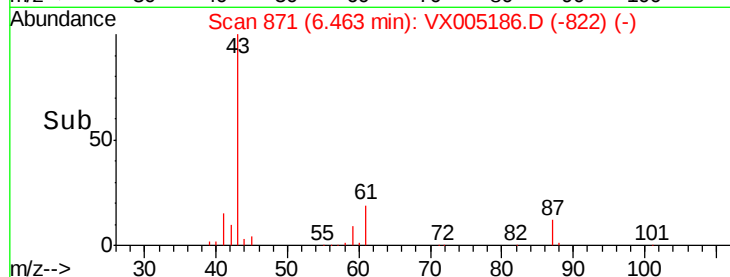
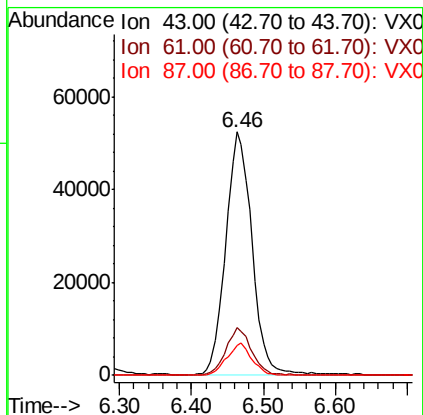
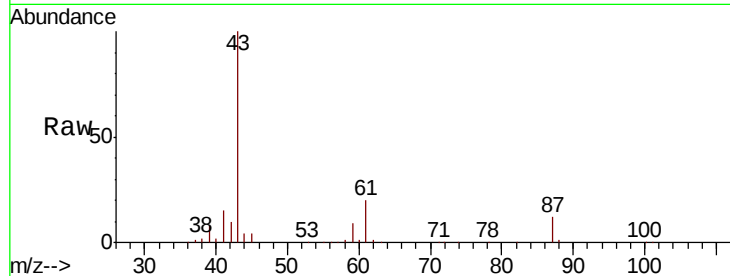
ClientSampleId :

VX1009WBSD02

Tot Ion:	43	Resp:	132106
Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.2	21.4
87	12.7	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#44

Trichloroethene

Concen: 24.839 ug/l

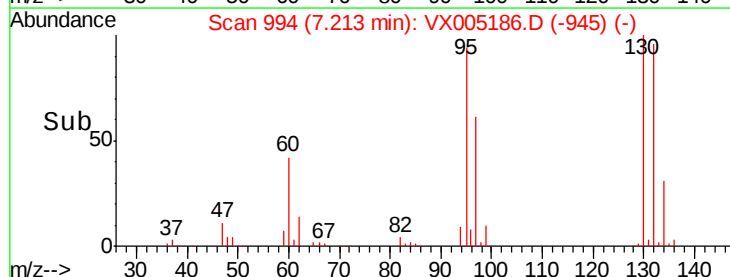
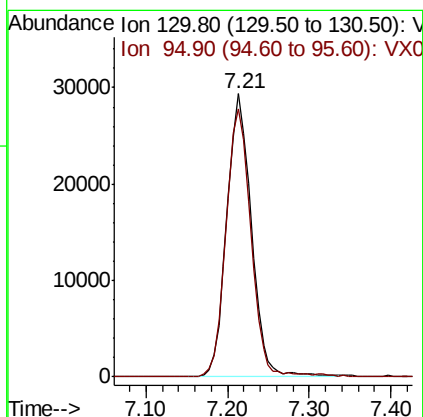
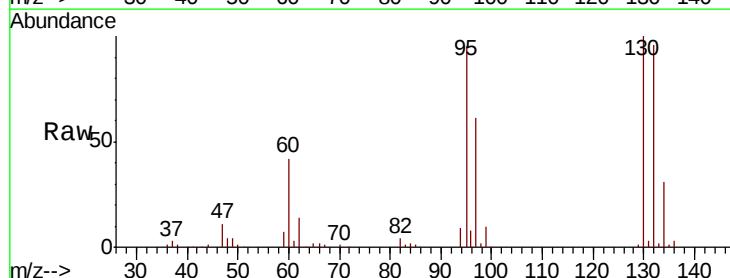
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:	130	Resp:	61173
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	186.8





#45

1,2-Dichloropropane

Concen: 23.418 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 63 Resp: 57534

Ion Ratio Lower Upper

63 100

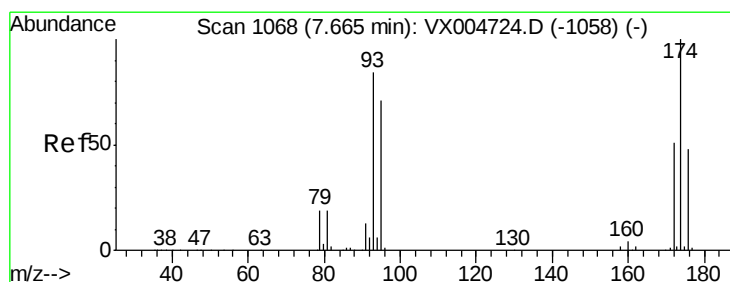
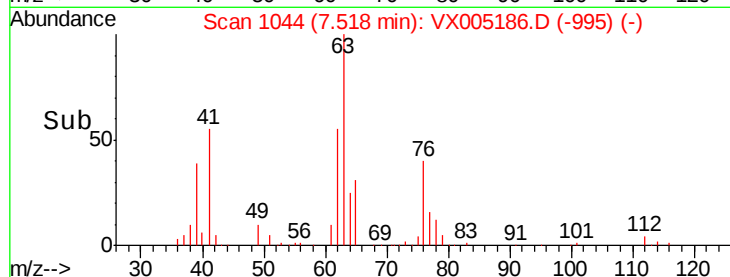
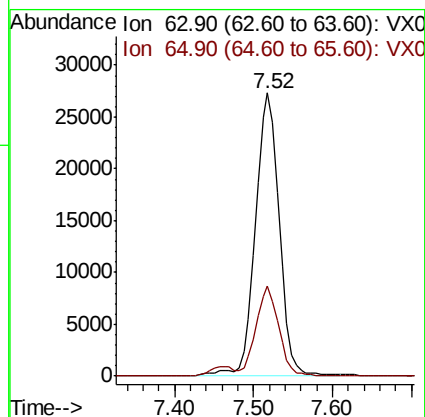
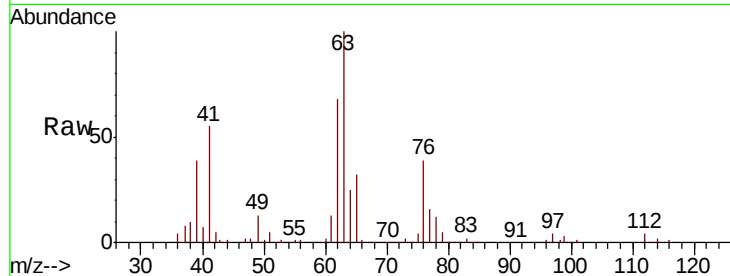
65 31.9 23.9 35.9

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#46

Dibromomethane

Concen: 23.894 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

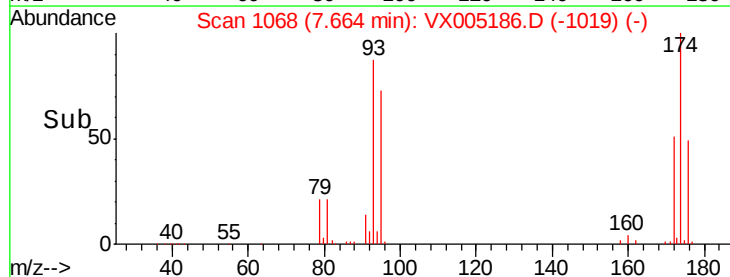
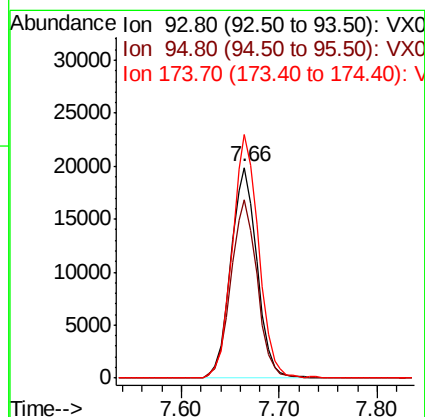
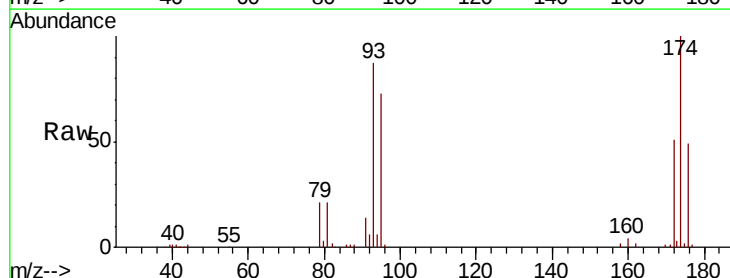
Tgt Ion: 93 Resp: 36893

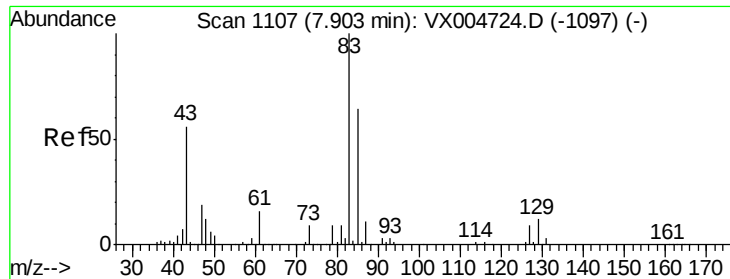
Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 116.1 92.7 139.1





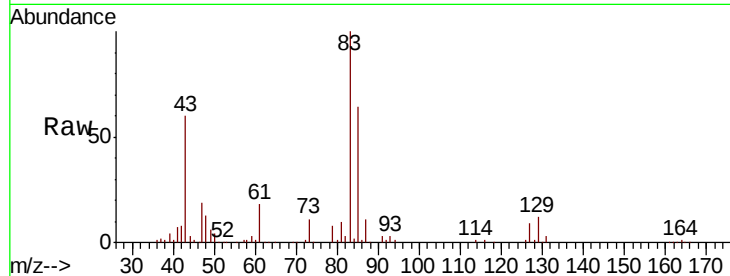
#47
Bromodichloromethane
Concen: 24.239 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	83	Resp	70070
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	51.2	76.8
127	9.3	7.0	10.6

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM

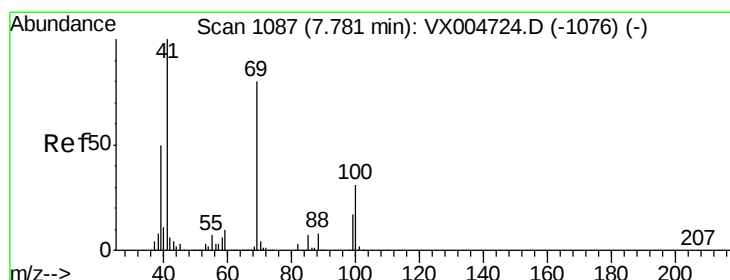
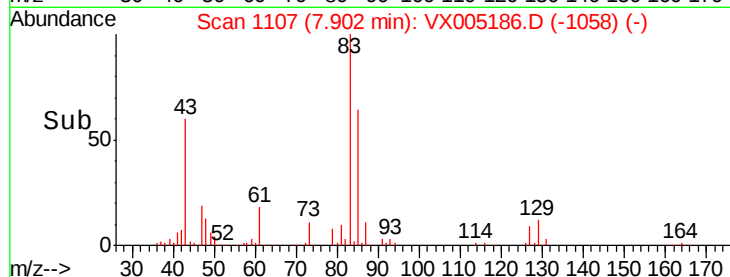
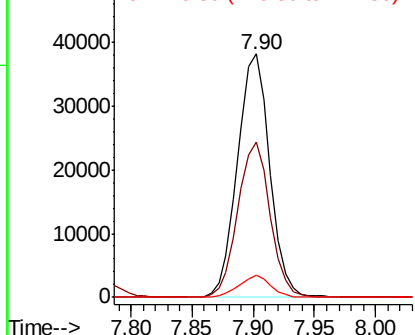


Abundance

Ion 82.90 (82.60 to 83.60): VX0

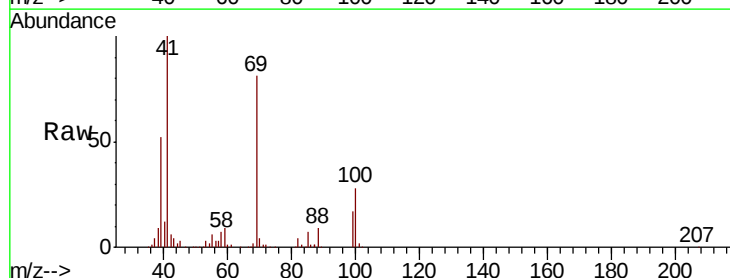
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48
Methyl methacrylate
Concen: 24.773 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	41	Resp	68937
Ion Ratio	100	Lower	Upper
41	100		
69	80.9	63.8	95.6
39	52.6	40.7	61.1

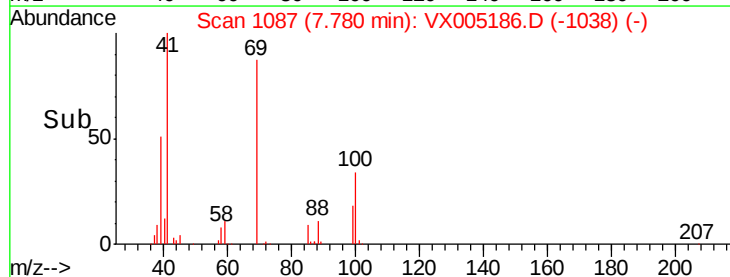
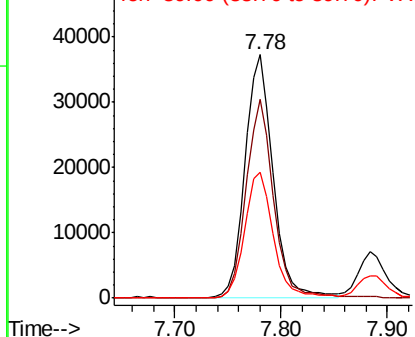


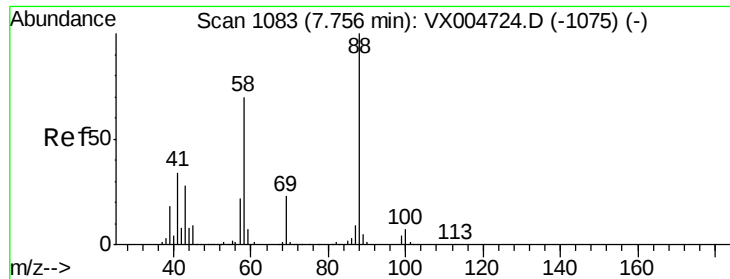
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





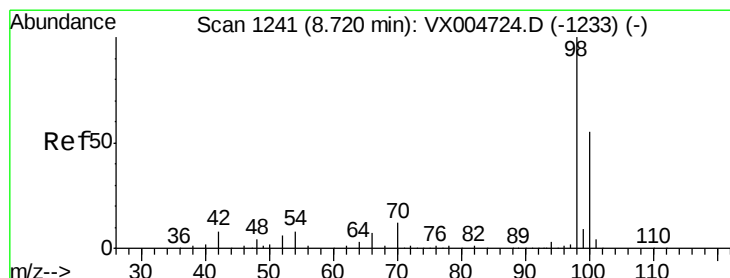
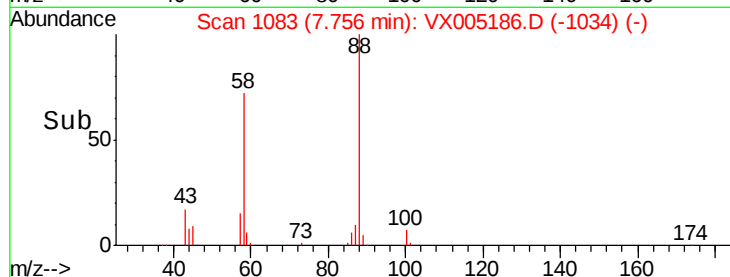
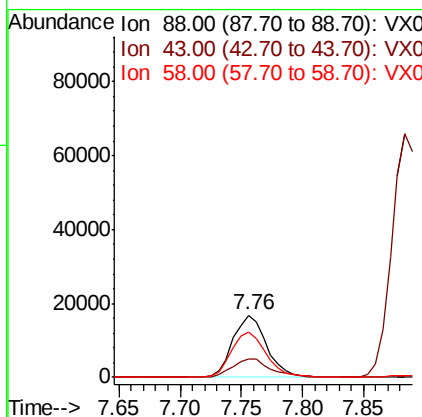
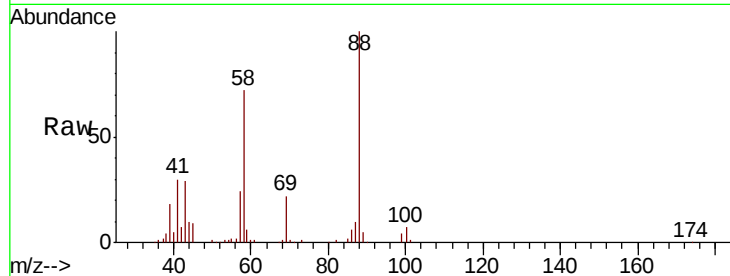
#49
1,4-Dioxane
Concen: 466.252 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.1	37.7
58	76.1	56.2	84.2

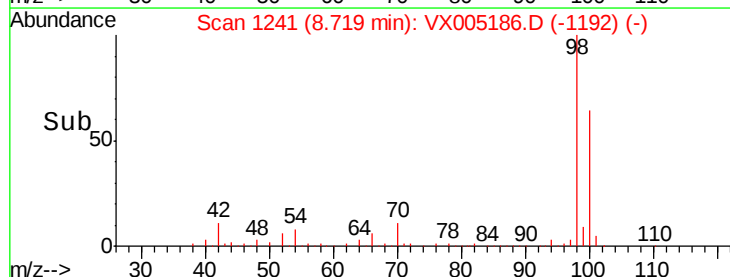
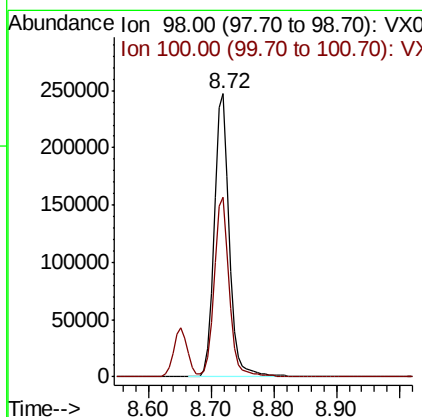
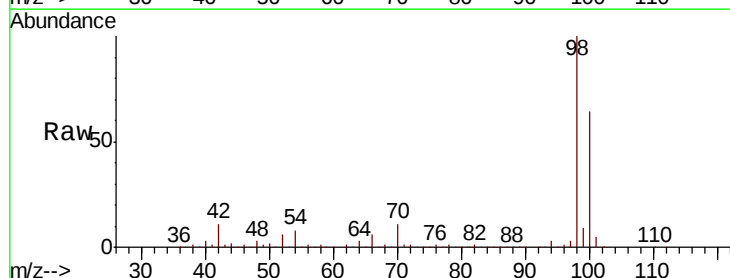
Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#50
Toluene-d8
Concen: 52.120 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9





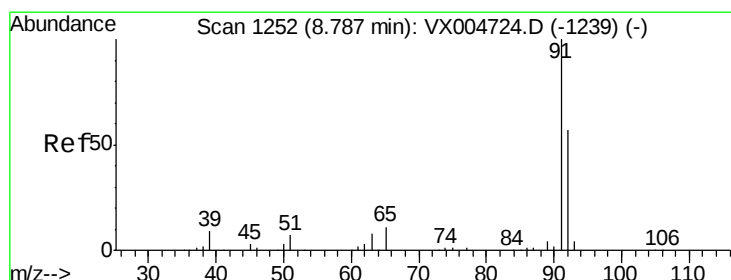
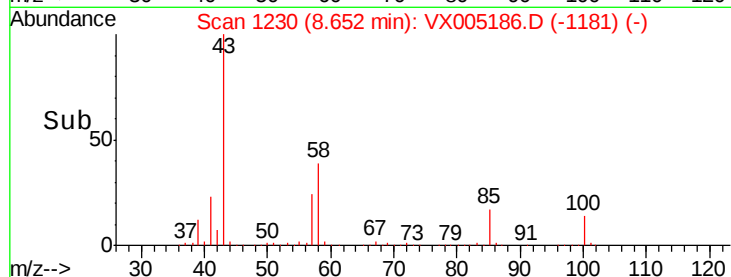
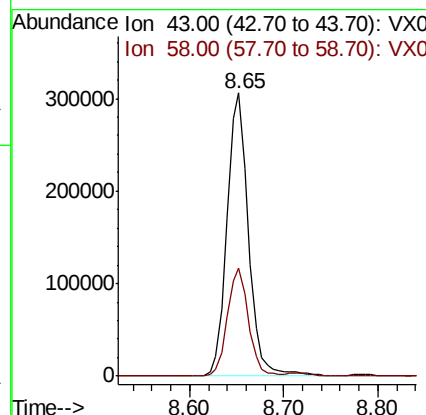
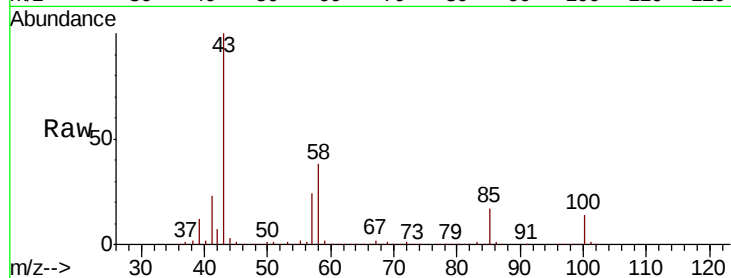
#51
4-Methyl-2-Pentanone
Concen: 125.400 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 43 Resp: 484087
Ion Ratio Lower Upper
43 100
58 37.3 30.5 45.7

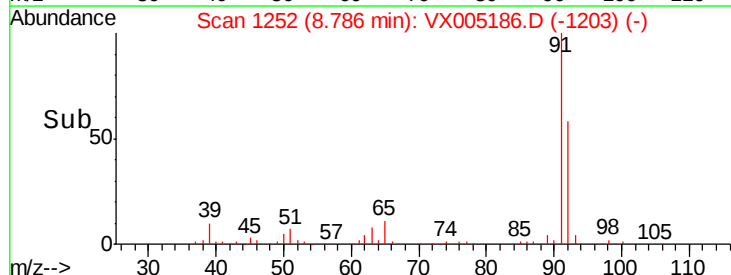
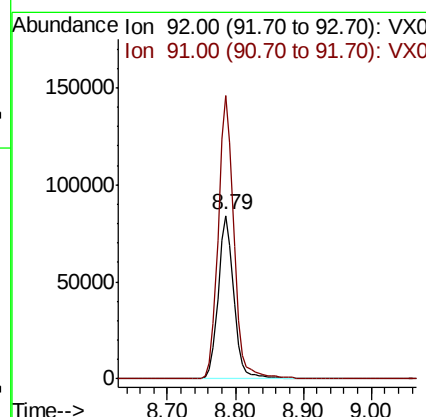
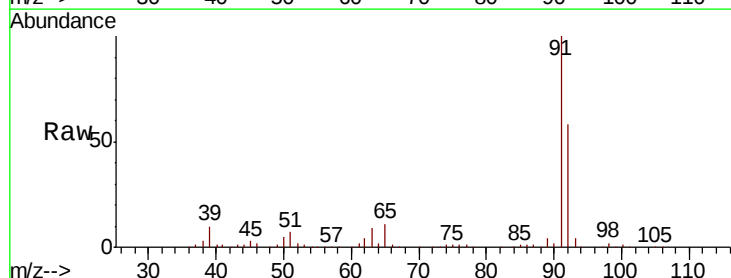
Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#52
Toluene
Concen: 24.547 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 92 Resp: 135131
Ion Ratio Lower Upper
92 100
91 173.8 136.7 205.1





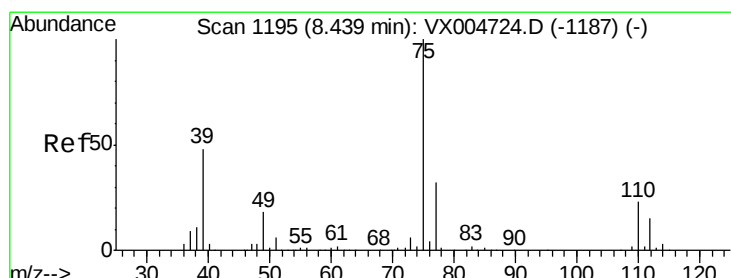
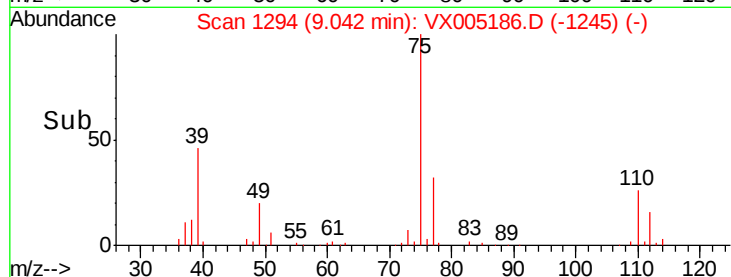
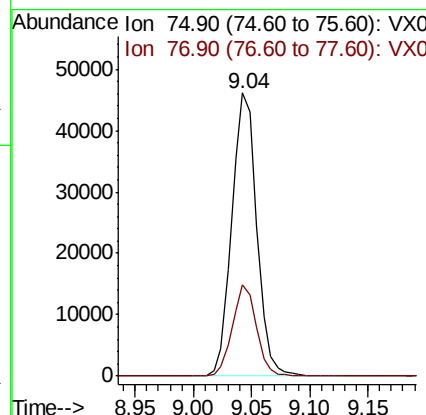
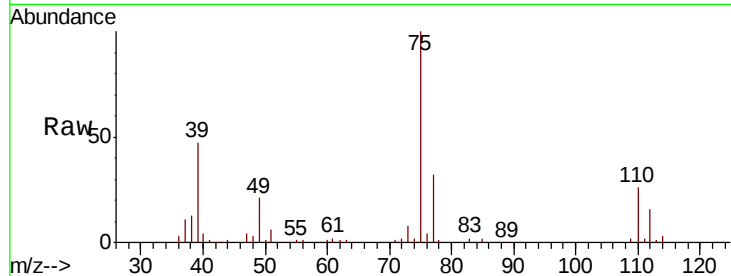
#53
t-1,3-Dichloropropene
Concen: 21.099 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 75 Resp: 68925
Ion Ratio Lower Upper
75 100
77 32.4 28.9 43.3

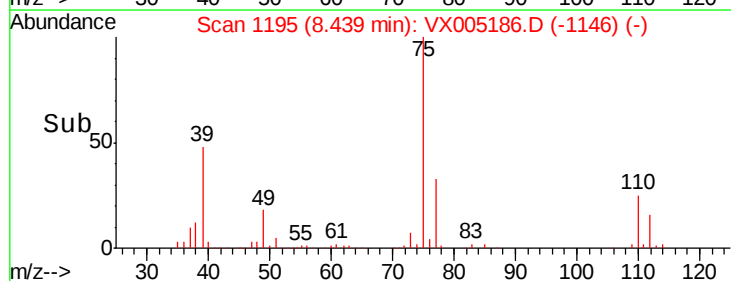
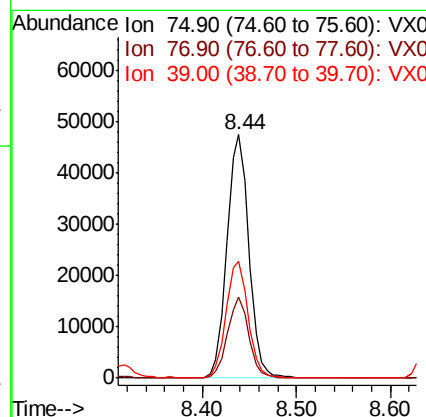
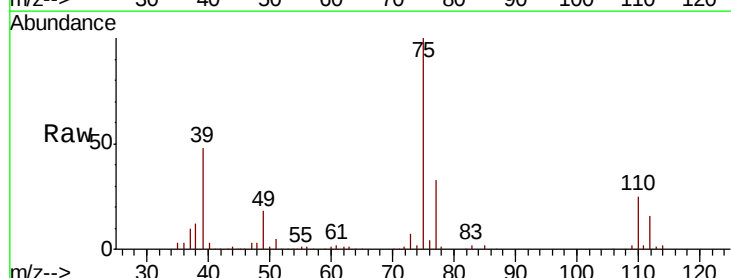
Manual Integrations
APPROVED

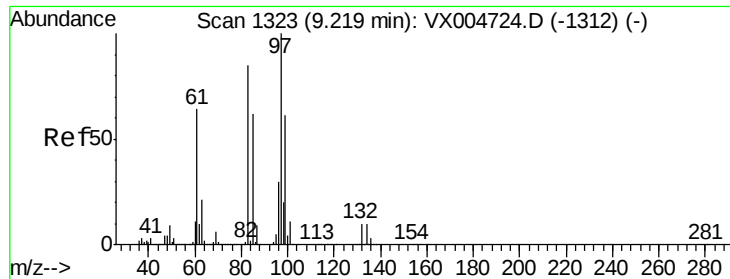
MMDadoda
10/11/2018 5:31:49 PM



#54
cis-1,3-Dichloropropene
Concen: 22.431 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion: 75 Resp: 76751
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5
39 47.6 38.3 57.5





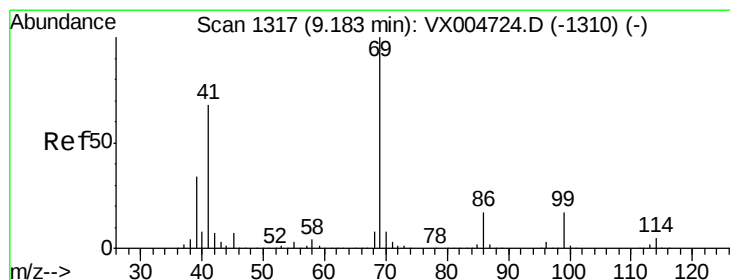
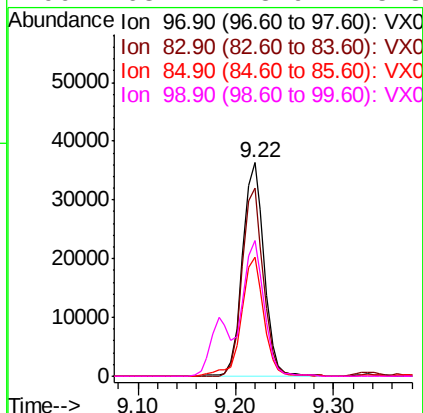
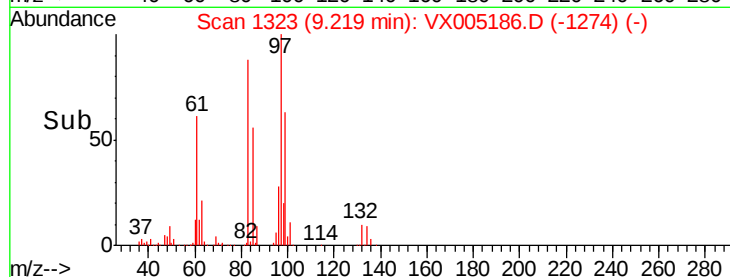
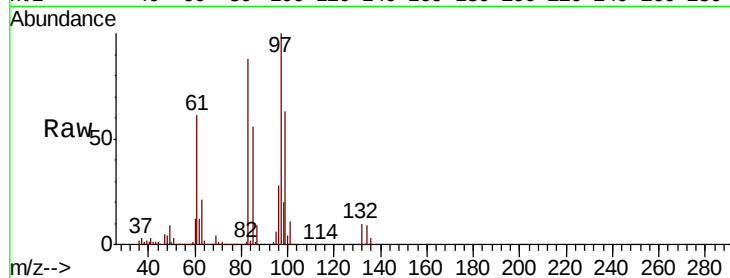
#55
 1,1,2-Trichloroethane
 Concen: 23.125 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.2	102.2
85	55.9	49.9	74.9
99	63.4	48.9	73.3

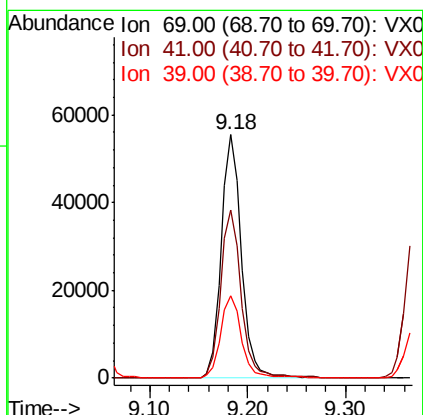
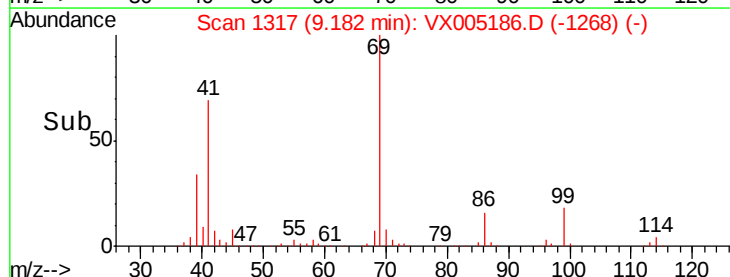
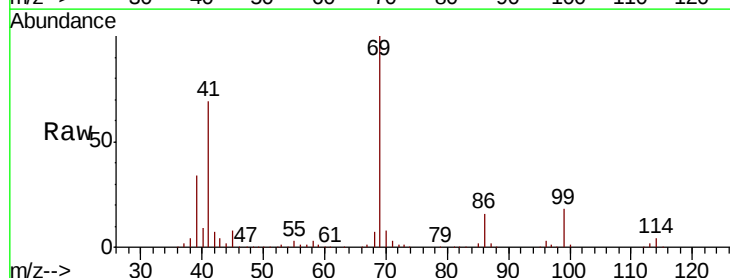
Manual Integrations
 APPROVED

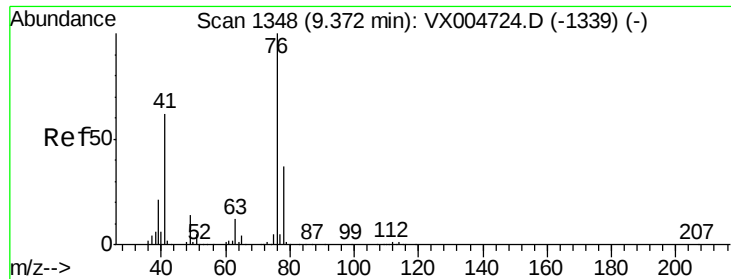
MMDadoda
 10/11/2018 5:31:49 PM



#56
 Ethyl methacrylate
 Concen: 22.140 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.9	85.3
39	34.8	28.4	42.6





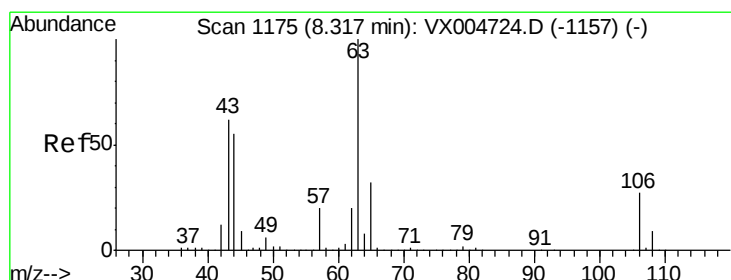
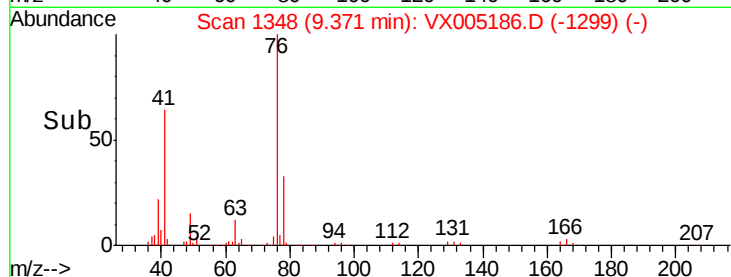
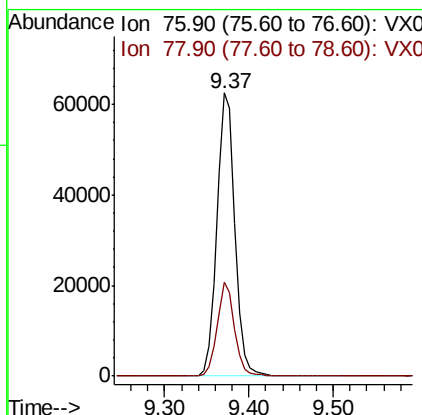
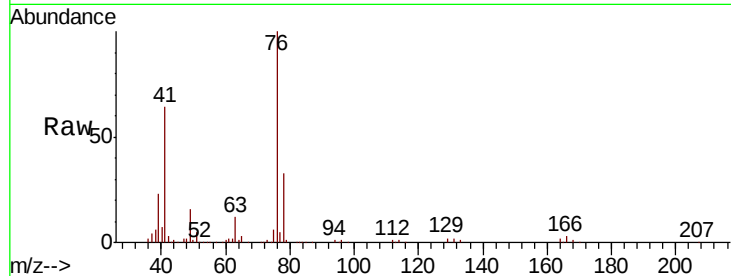
#57
 1,3-Dichloropropane
 Concen: 23.009 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBSD02

Tot Ion: 76 Resp: 92342
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0

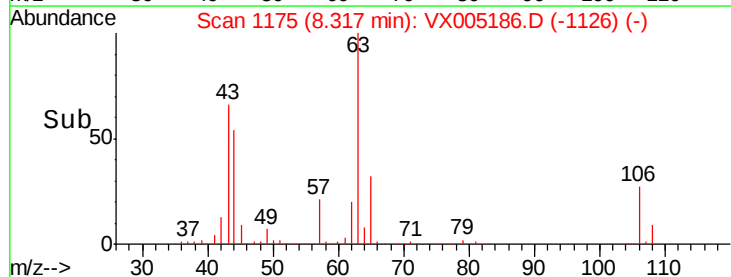
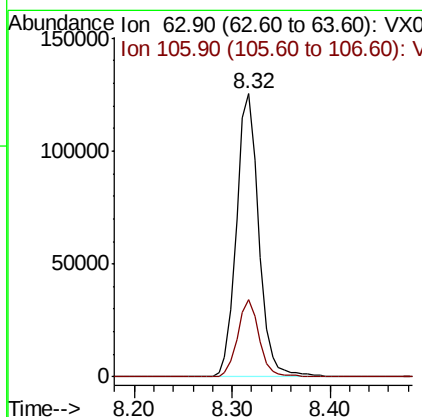
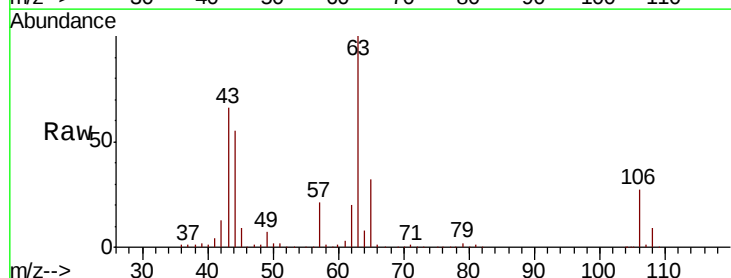
Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.434 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion: 63 Resp: 198712
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.0 31.6





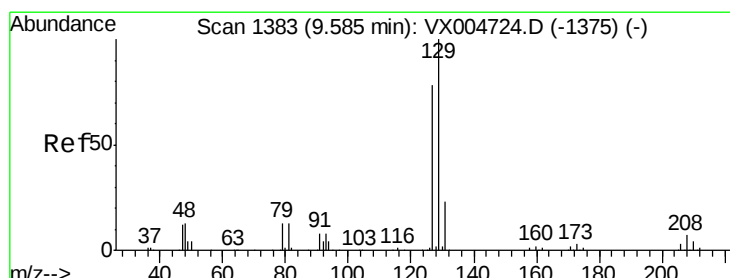
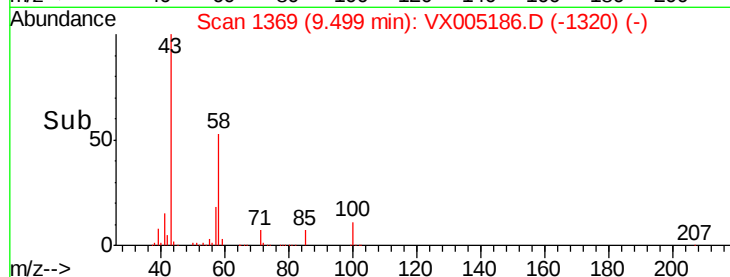
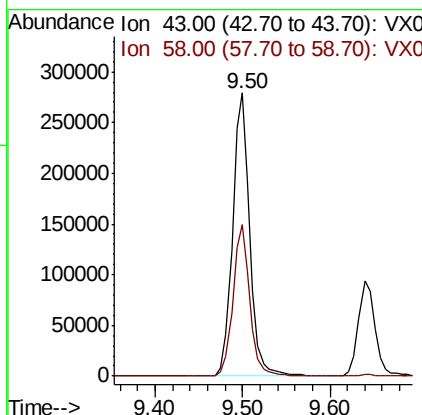
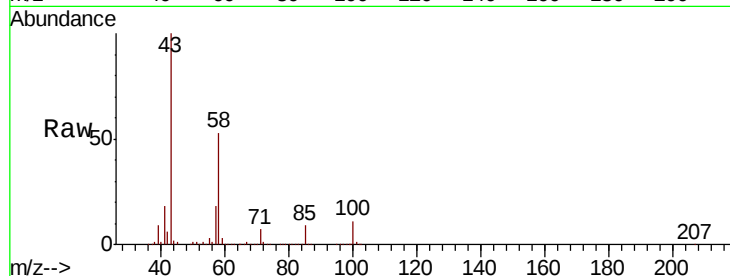
#59
2-Hexanone
Concen: 118.787 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 43 Resp: 382124
Ion Ratio Lower Upper
43 100
58 52.6 28.4 85.3

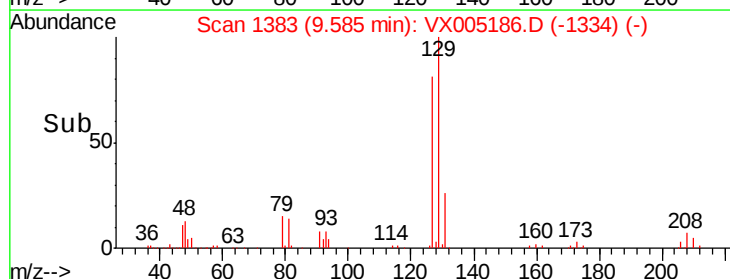
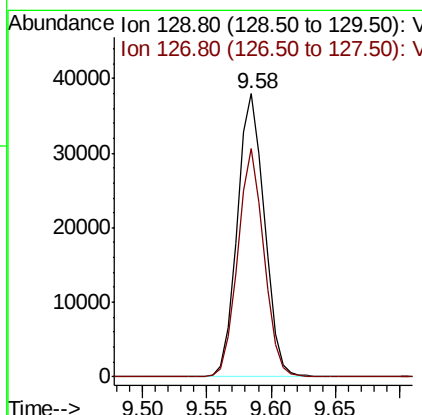
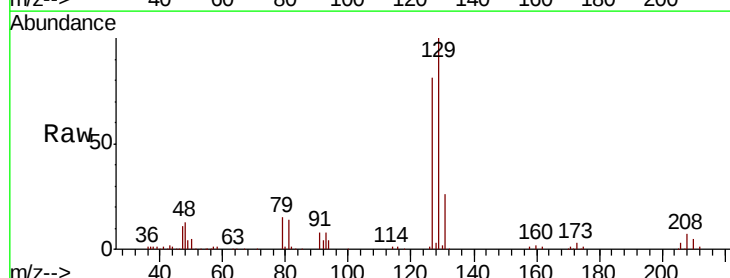
Manual Integrations
APPROVED

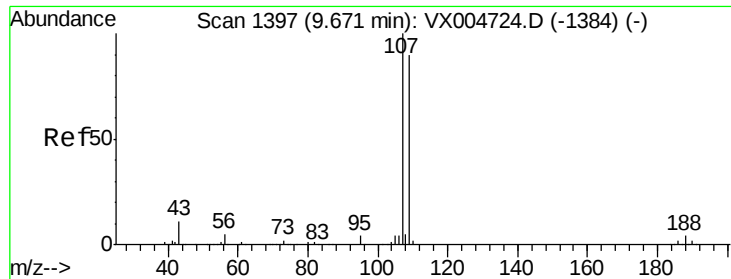
MMDadoda
10/11/2018 5:31:49 PM



#60
Dibromochloromethane
Concen: 23.064 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:129 Resp: 55618
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.871 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion:107 Resp: 56481

Ion Ratio Lower Upper

107 100

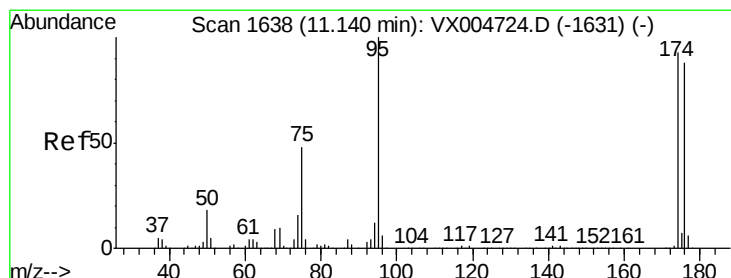
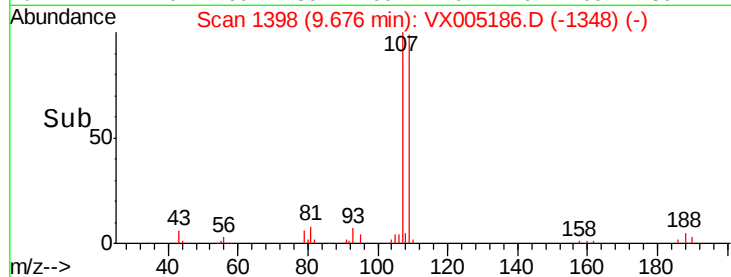
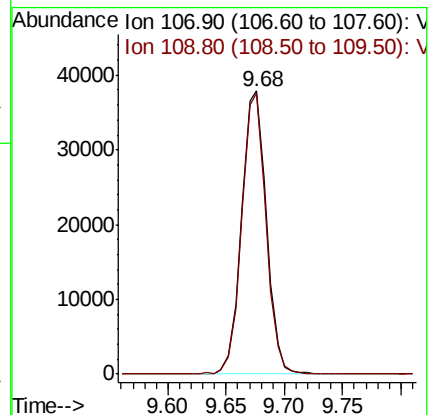
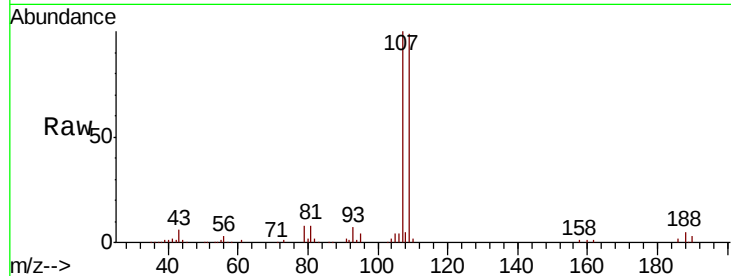
109 97.0 72.1 108.1

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#62

4-Bromofluorobenzene

Concen: 53.551 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

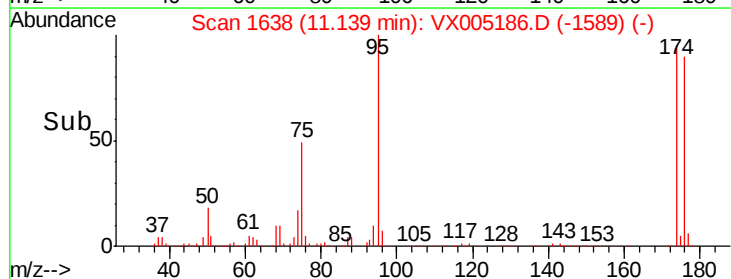
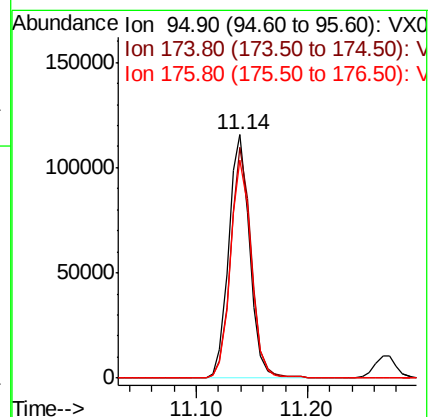
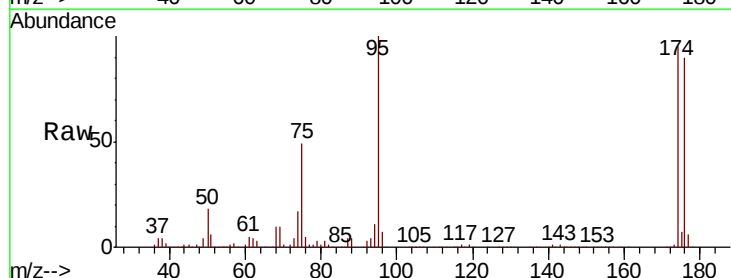
Tgt Ion: 95 Resp: 150427

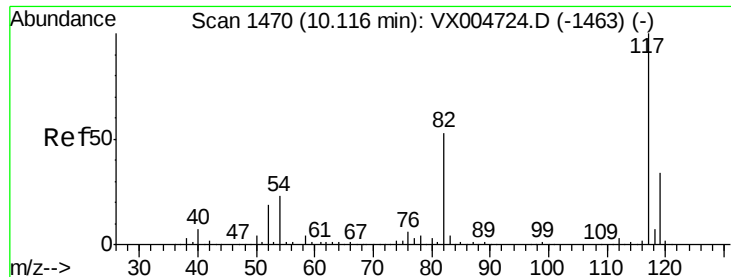
Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.0

176 89.7 0.0 180.2





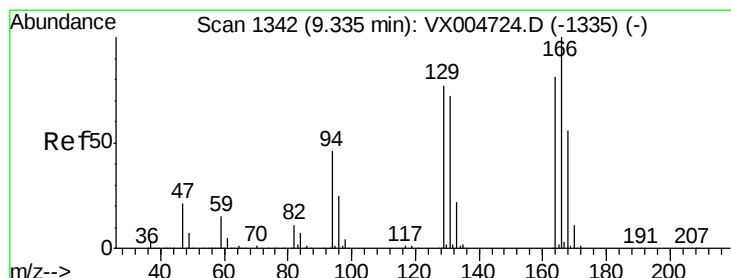
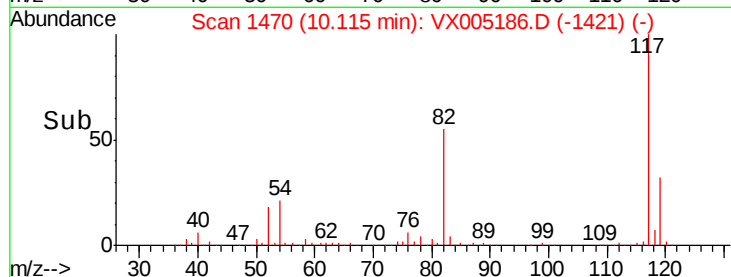
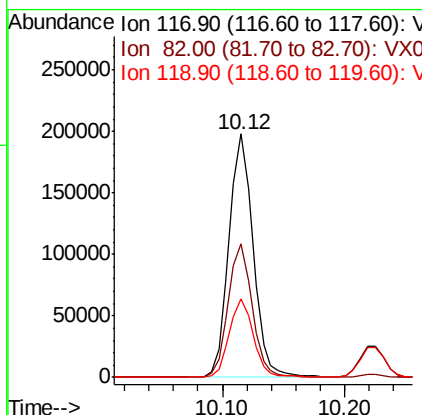
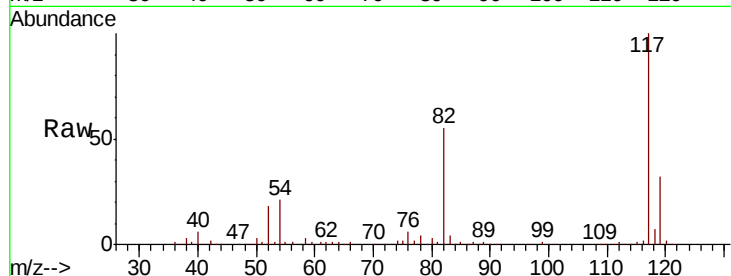
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.2	63.4
119	32.3	27.4	41.0

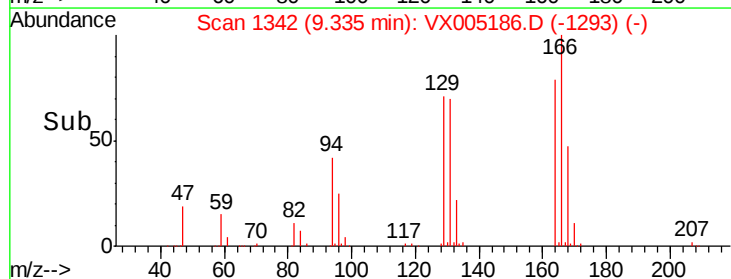
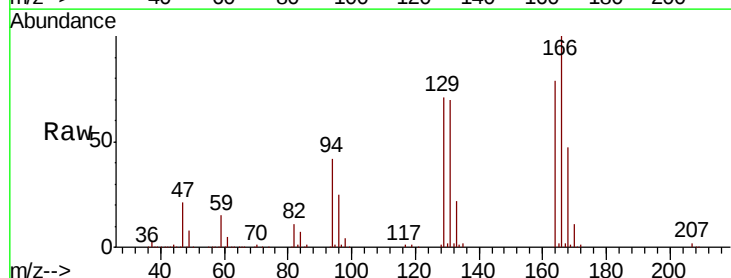
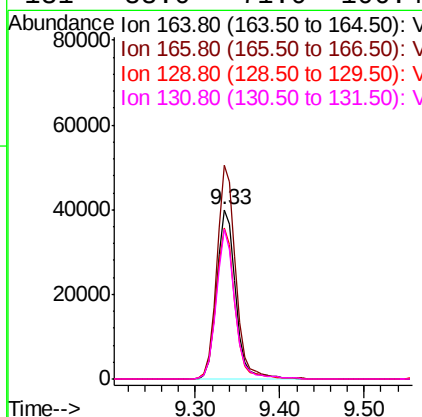
Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#64
Tetrachloroethene
Concen: 23.310 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	98.4	147.6
129	89.5	76.1	114.1
131	88.0	71.0	106.4





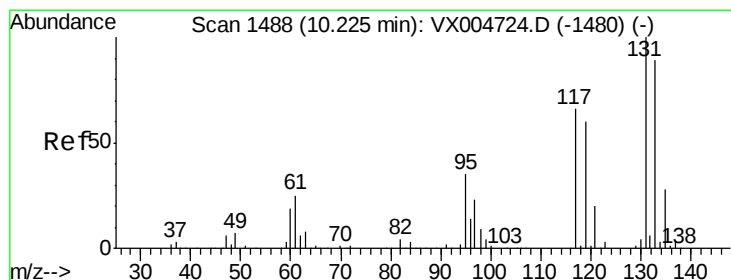
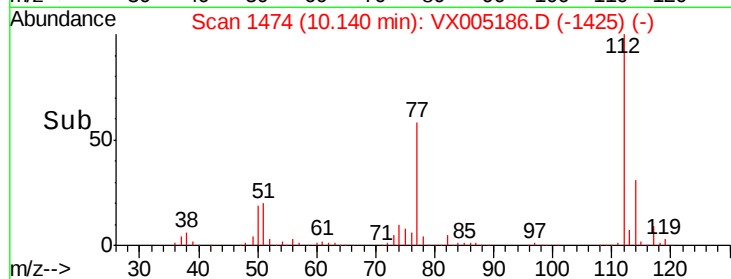
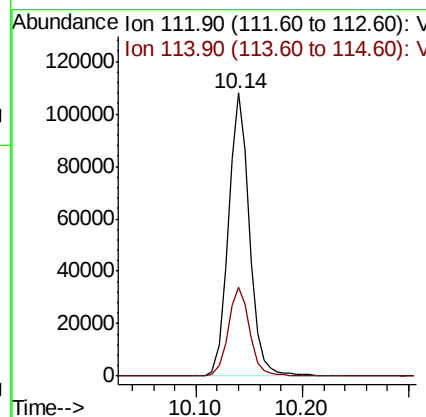
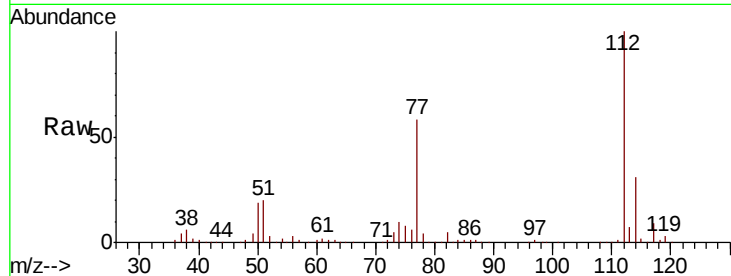
#65
Chlorobenzene
Concen: 21.443 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:112 Resp: 149236
Ion Ratio Lower Upper
112 100
114 31.2 26.7 40.1

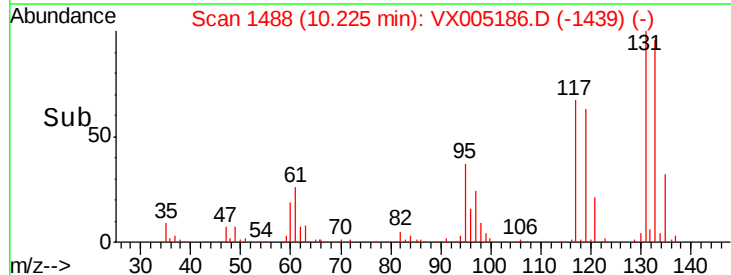
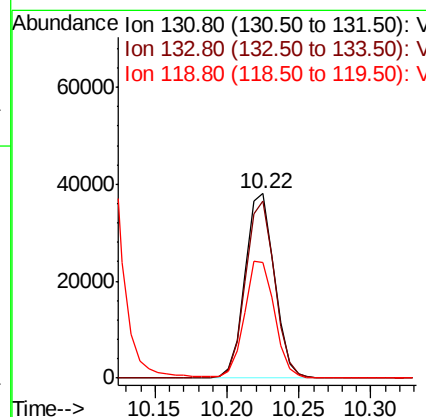
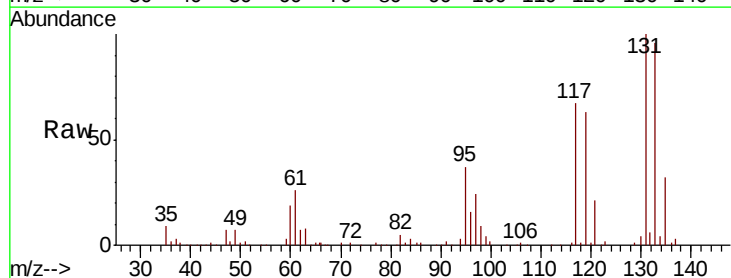
Manual Integrations
APPROVED

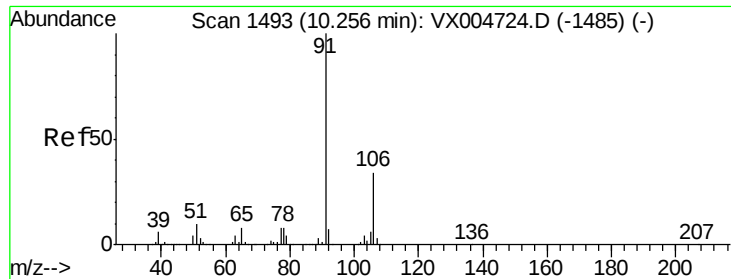
MMDadoda
10/11/2018 5:31:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.911 ug/l
RT: 10.22 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:131 Resp: 53611
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 65.5 32.3 96.8





#67

Ethyl Benzene

Concen: 22.284 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 91 Resp: 246224

Ion Ratio Lower Upper

91 100

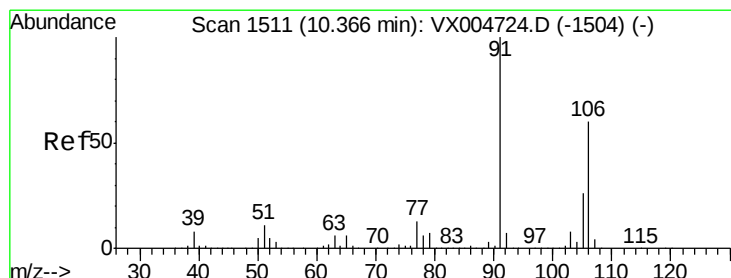
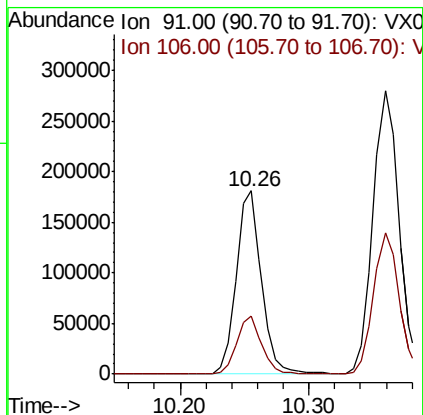
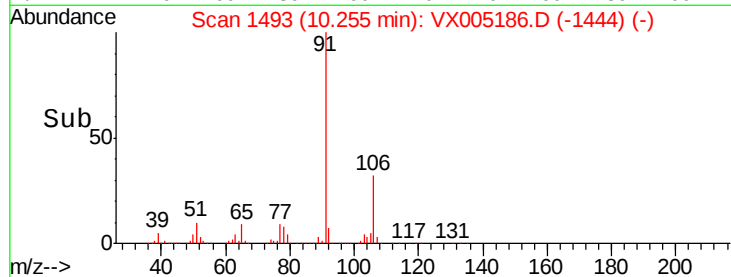
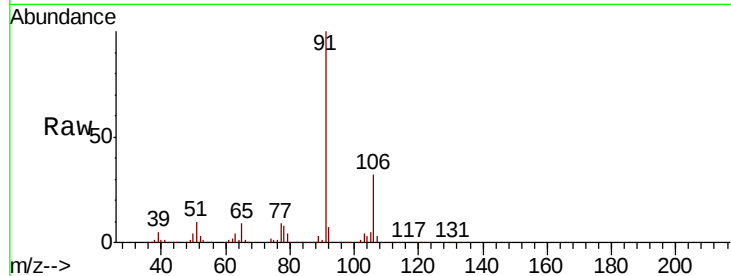
106 31.6 26.9 40.3

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#68

m/p-Xylenes

Concen: 45.139 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005186.D

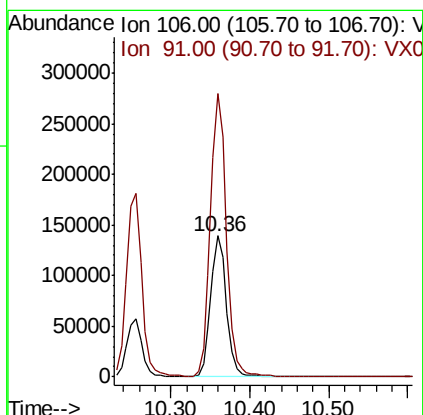
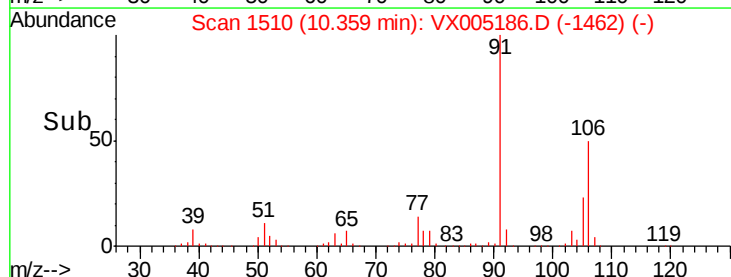
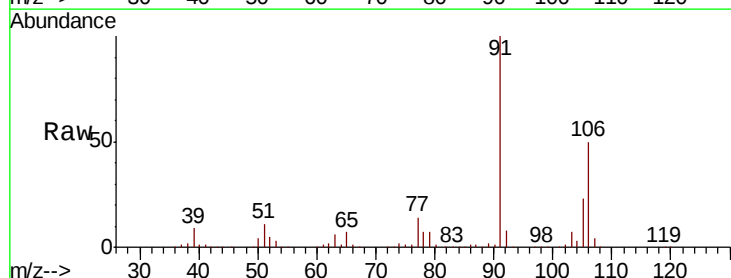
Acq: 10 Oct 2018 04:18

Tgt Ion: 106 Resp: 194903

Ion Ratio Lower Upper

106 100

91 203.2 157.5 236.3





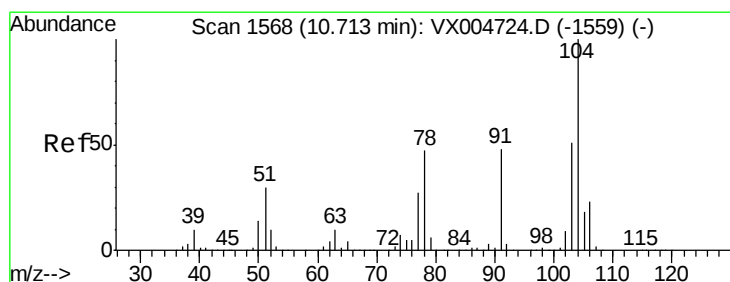
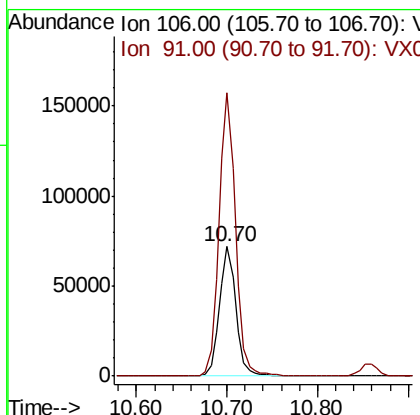
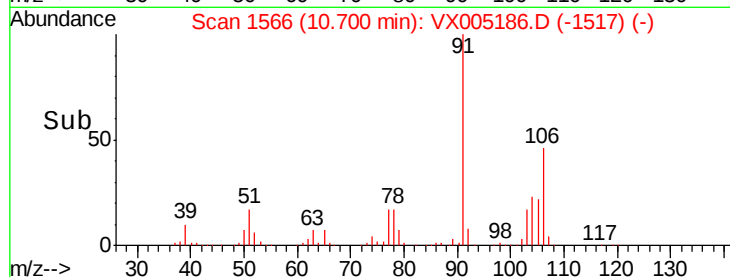
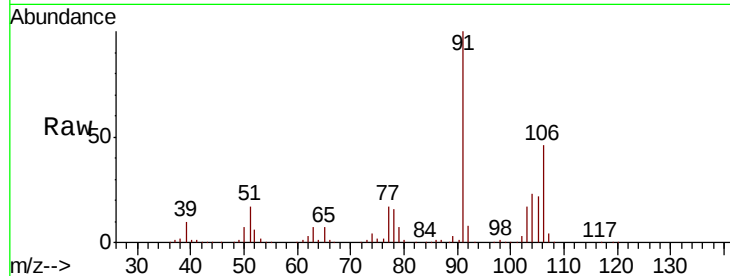
#69
o-Xylene
Concen: 23.010 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampled :
VX1009WBSD02

Tot Ion:106 Resp: 91255
Ion Ratio Lower Upper
106 100
91 219.2 108.3 324.8

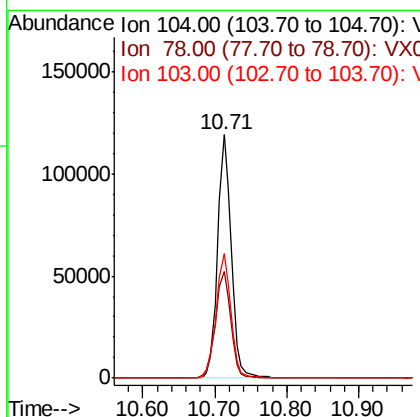
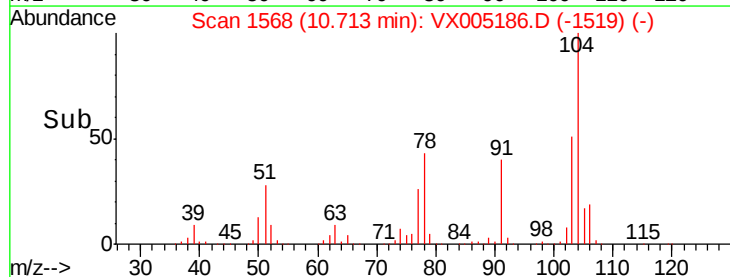
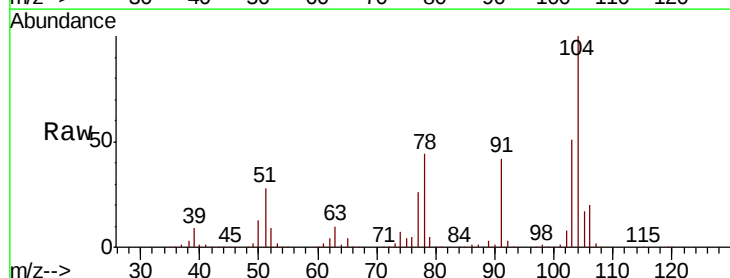
Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#70
Styrene
Concen: 22.306 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion:104 Resp: 156270
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 55.7 44.3 66.5





#71

Bromoform

Concen: 21.646 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

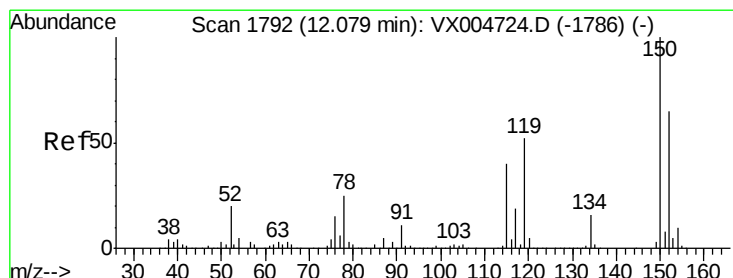
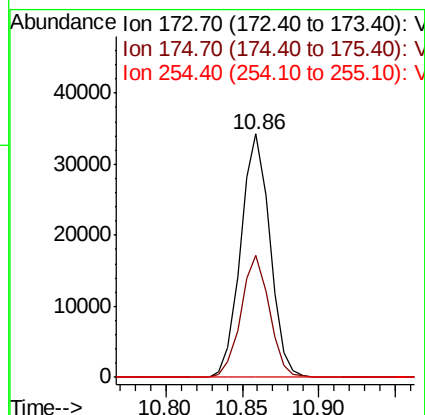
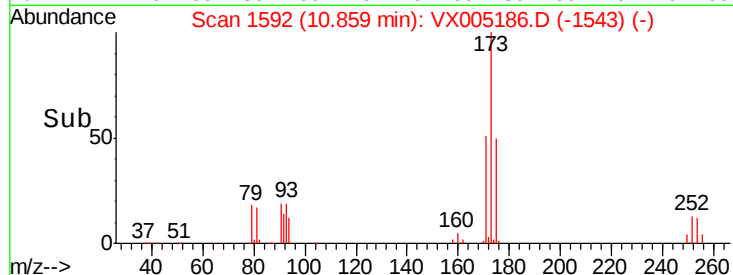
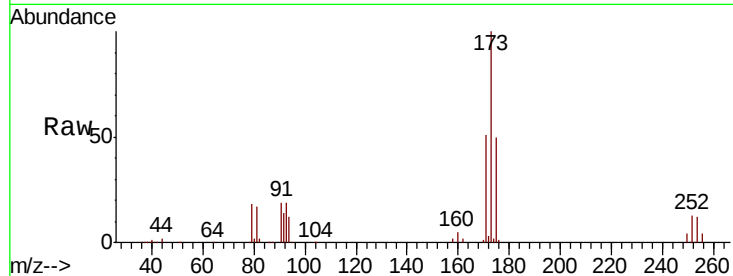
ClientSampleId :

VX1009WBSD02

Tot Ion:173 Resp: 45343
 Ion Ratio Lower Upper
 173 100
 175 48.7 23.3 69.8
 254 0.1 0.2 0.2#

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:49 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

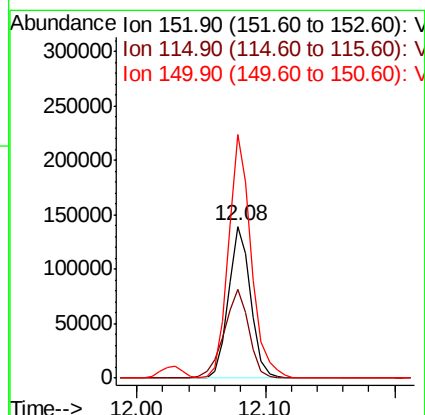
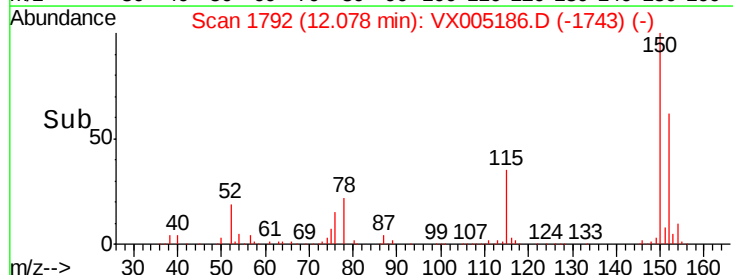
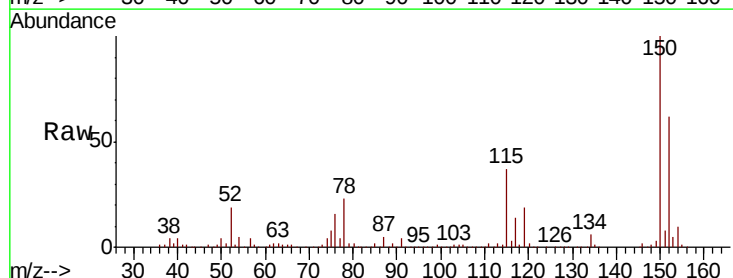
RT: 12.08 min Scan# 1792

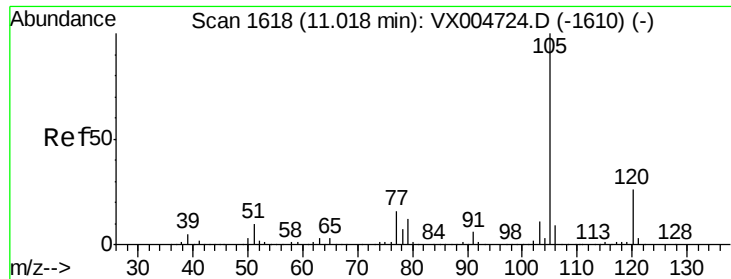
Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:152 Resp: 168294
 Ion Ratio Lower Upper
 152 100
 115 66.1 40.2 120.6
 150 164.6 0.0 351.0





#73

Isopropylbenzene

Concen: 23.854 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 105 Resp: 253034

Ion Ratio Lower Upper

105 100

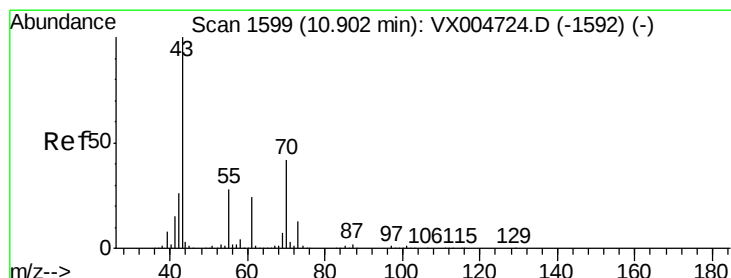
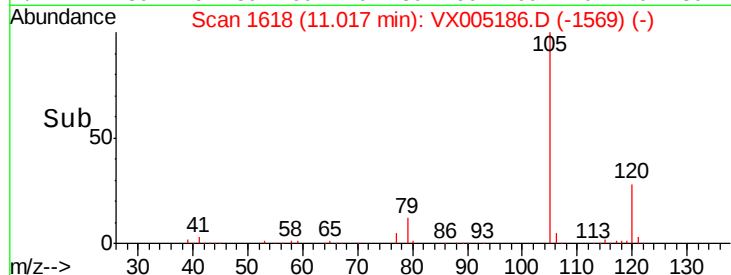
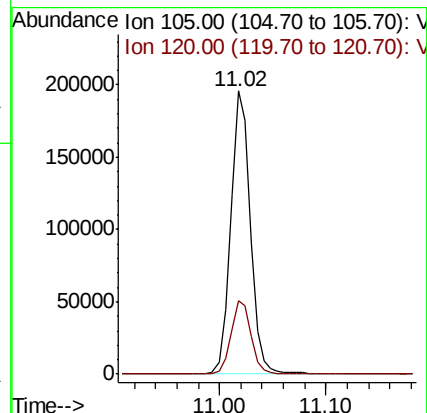
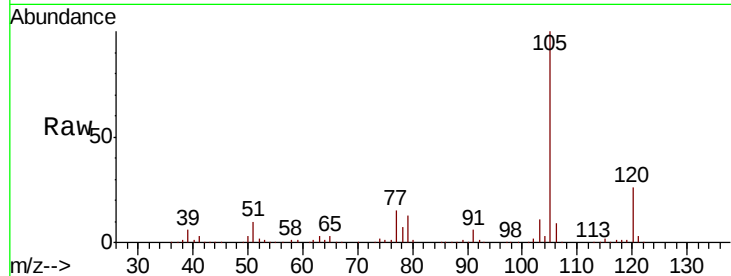
120 26.5 13.2 39.5

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#74

N-ethyl acetate

Concen: 20.802 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion: 43 Resp: 115120

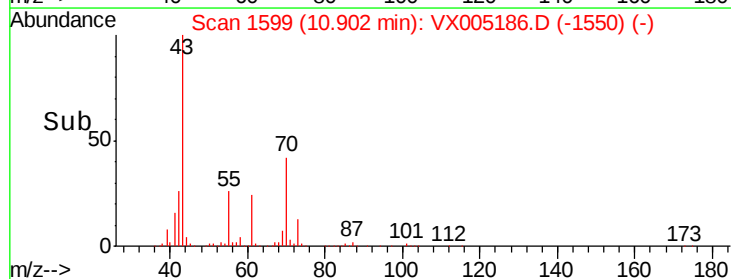
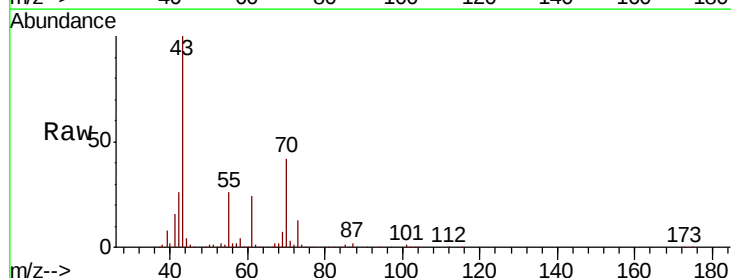
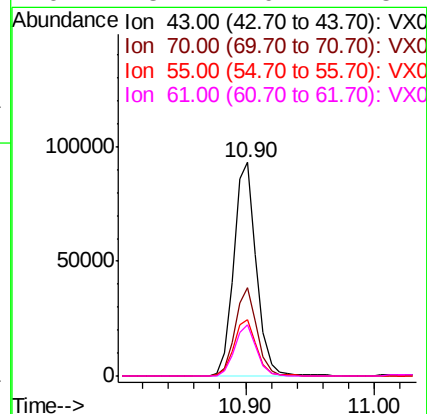
Ion Ratio Lower Upper

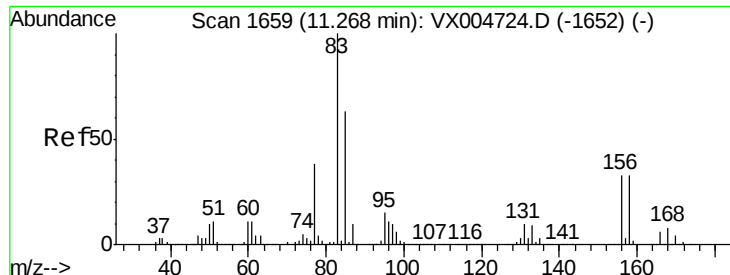
43 100

70 40.3 32.6 48.8

55 26.7 21.6 32.4

61 23.1 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.931 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

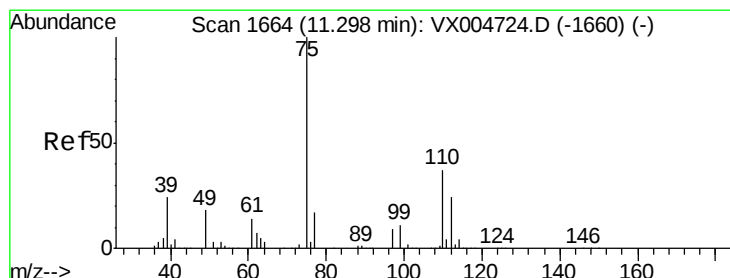
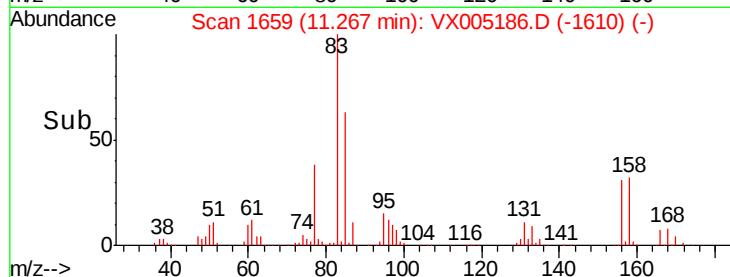
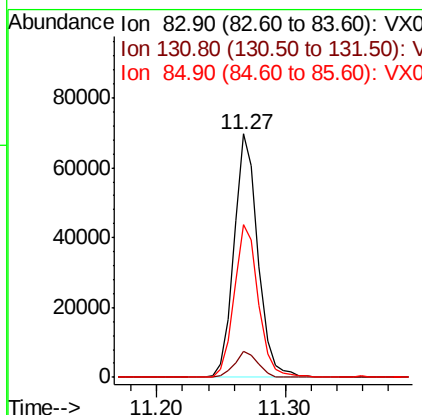
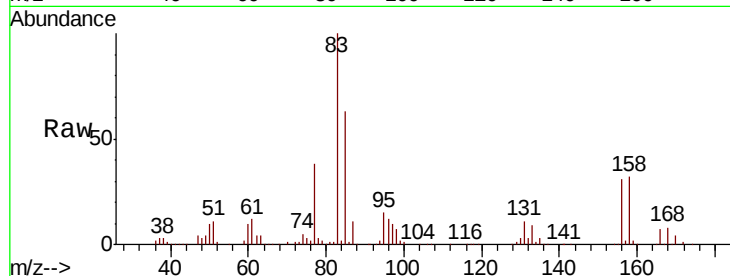
ClientSampleId :

VX1009WBSD02

Tot Ion:	83	Resp:	90381
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	63.5	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#76

1,2,3-Trichloropropane

Concen: 21.644 ug/l m

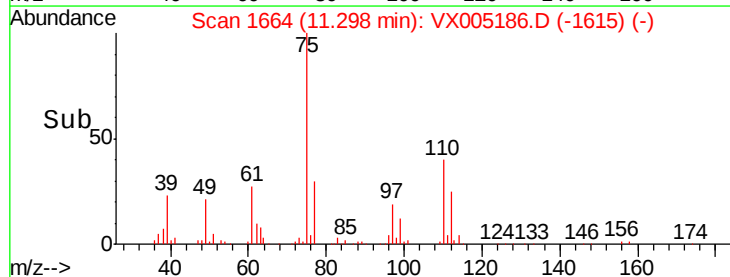
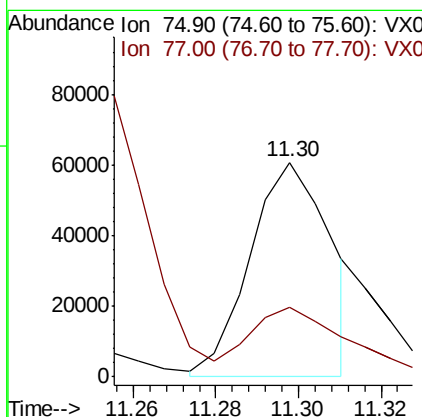
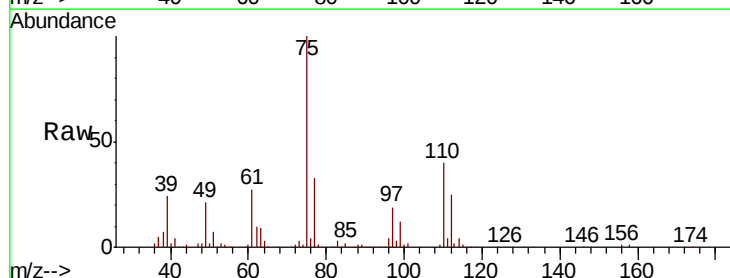
RT: 11.30 min Scan# 1664

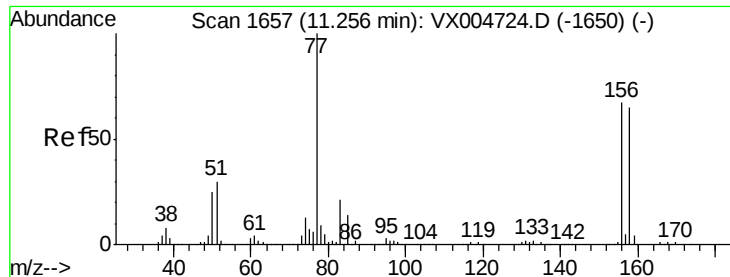
Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Tgt Ion:	75	Resp:	81642
Ion Ratio	Lower	Upper	
75	100		
77	39.9	21.4	64.3





#77

Bromobenzene

Concen: 22.201 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion:156 Resp: 68405

Ion Ratio Lower Upper

156 100

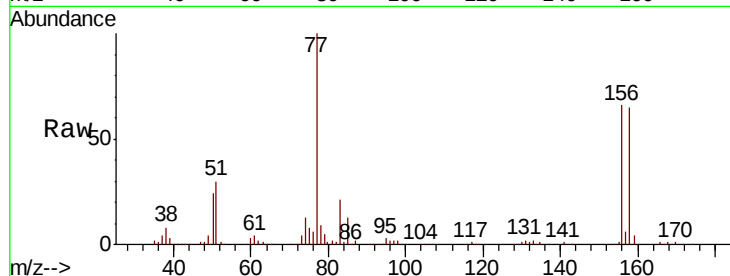
77 147.7 73.4 220.2

158 98.6 49.1 147.4

Manual Integrations
APPROVED

MMDadoda

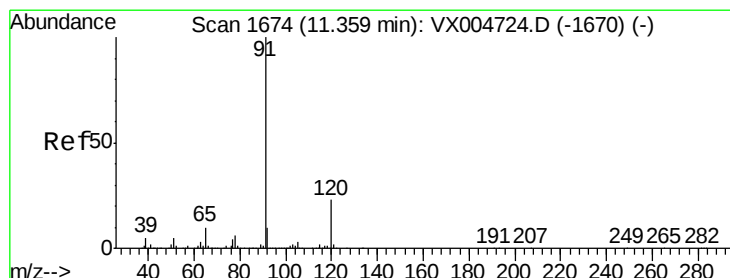
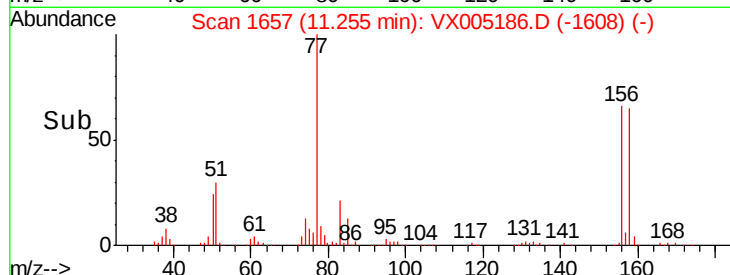
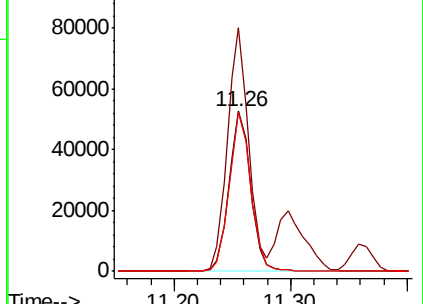
10/11/2018 5:31:49 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.787 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005186.D

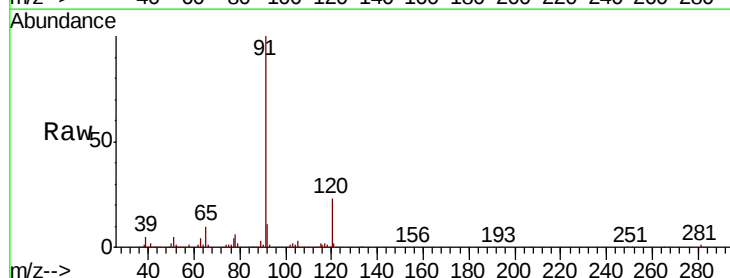
Acq: 10 Oct 2018 04:18

Tgt Ion: 91 Resp: 289512

Ion Ratio Lower Upper

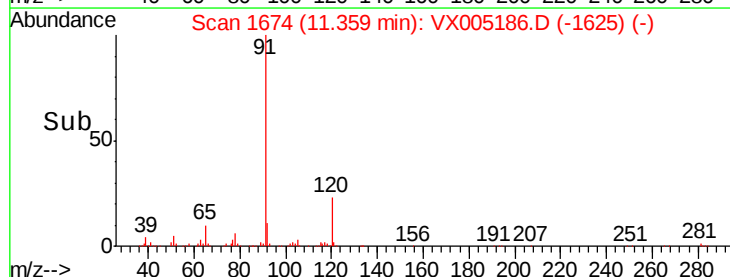
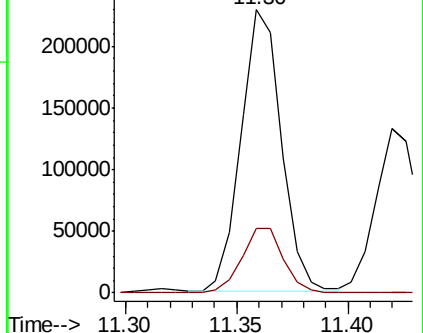
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.028 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 91 Resp: 174701

Ion Ratio Lower Upper

91 100

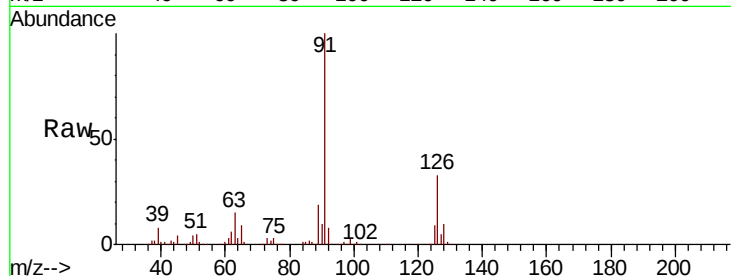
126 34.6 17.6 52.9

Manual Integrations

APPROVED

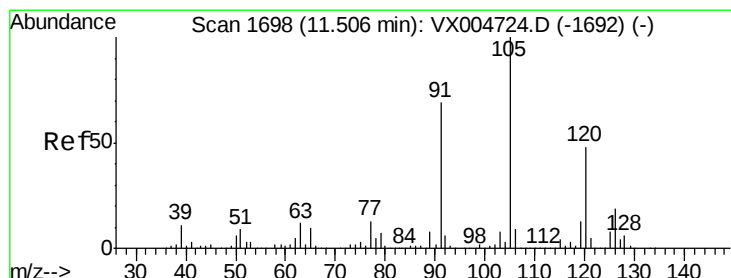
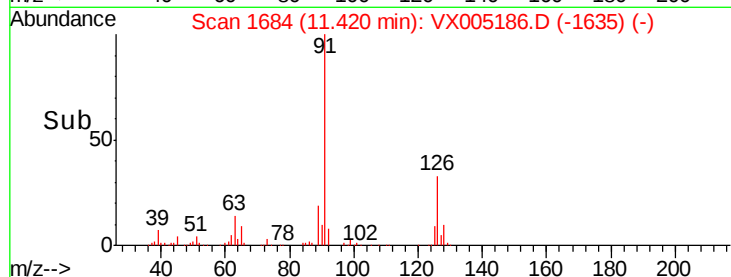
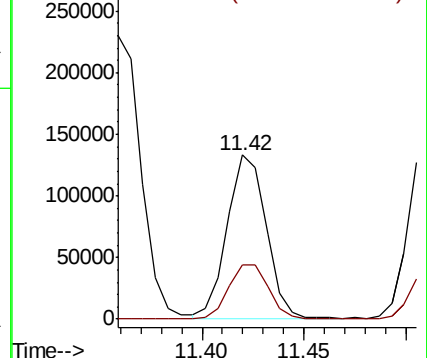
MMDadoda

10/11/2018 5:31:49 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.136 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005186.D

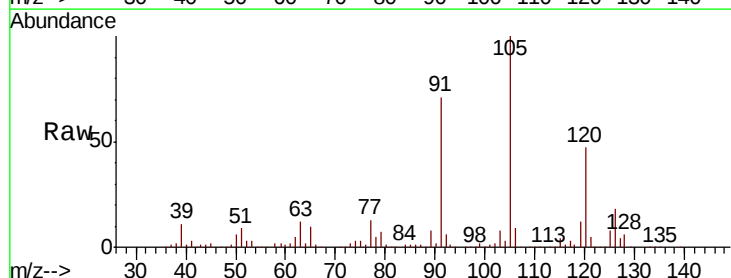
Acq: 10 Oct 2018 04:18

Tgt Ion:105 Resp: 216290

Ion Ratio Lower Upper

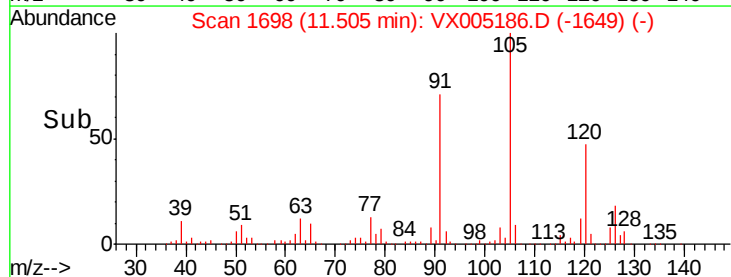
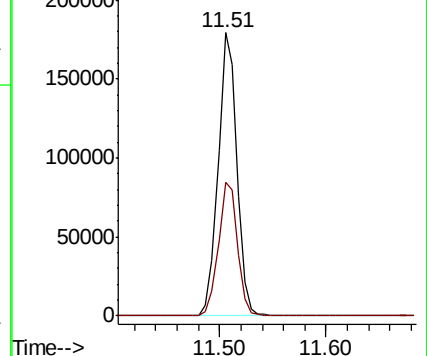
105 100

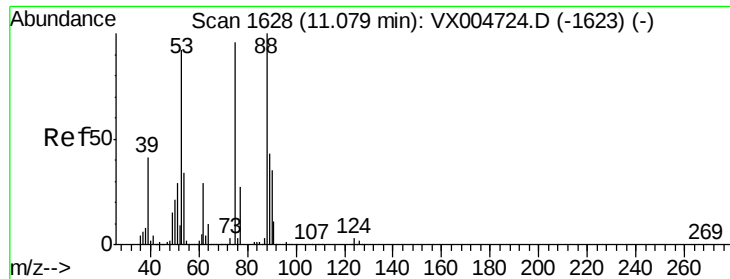
120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.932 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 75 Resp: 20084

Ion Ratio Lower Upper

75 100

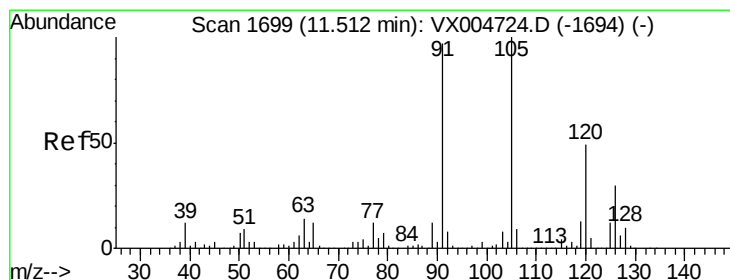
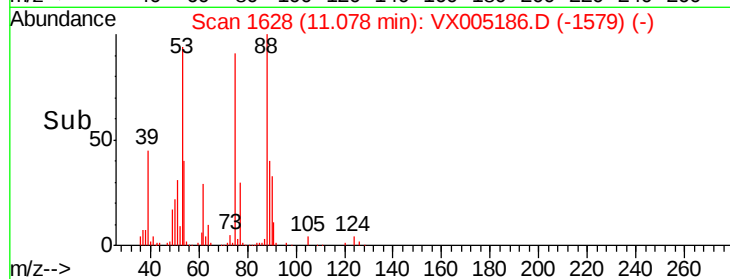
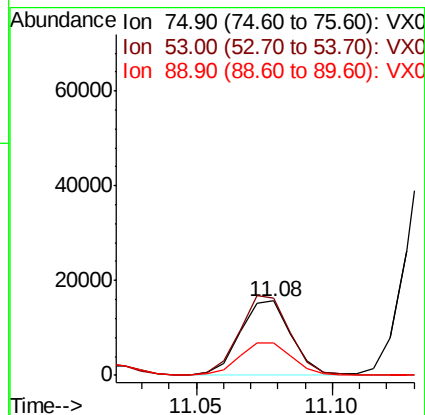
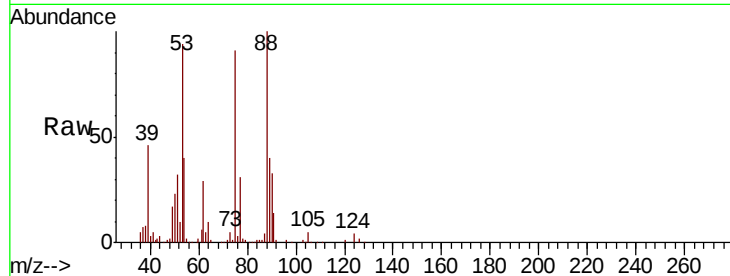
53 106.7 80.2 120.4

89 46.4 37.1 55.7

Manual Integrations
APPROVED

MMDadoda

10/11/2018 5:31:49 PM



#82

4-Chlorotoluene

Concen: 23.156 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005186.D

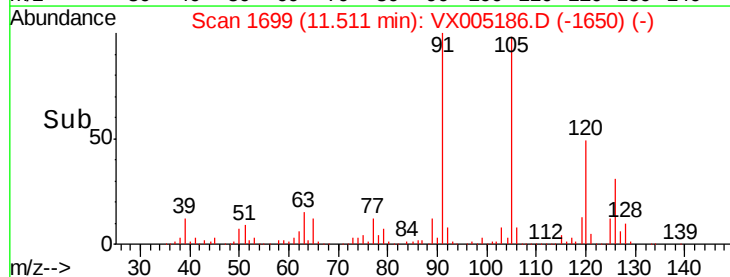
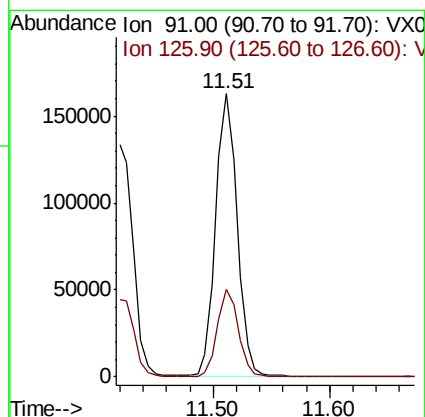
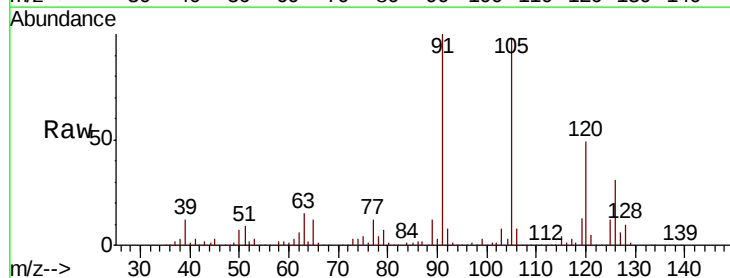
Acq: 10 Oct 2018 04:18

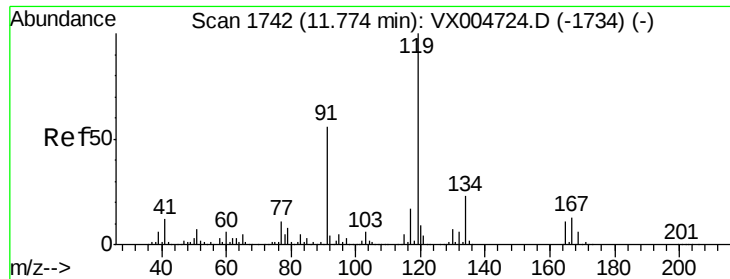
Tgt Ion: 91 Resp: 206776

Ion Ratio Lower Upper

91 100

126 30.4 15.5 46.5





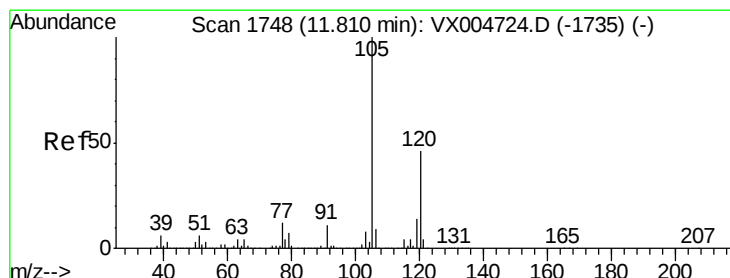
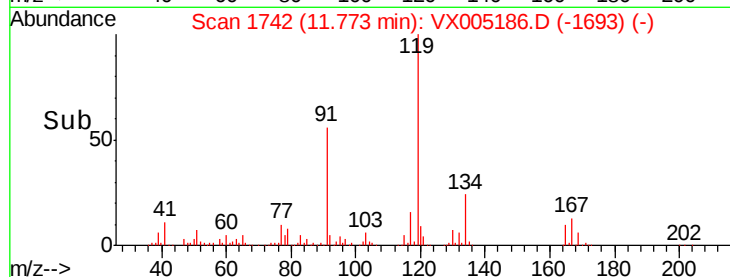
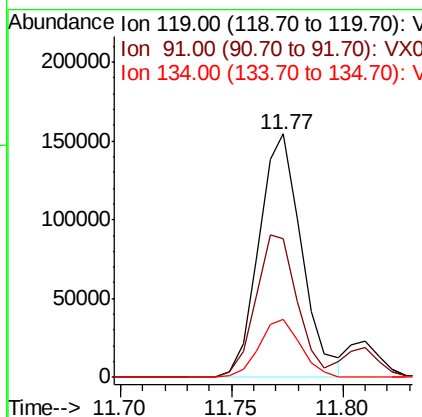
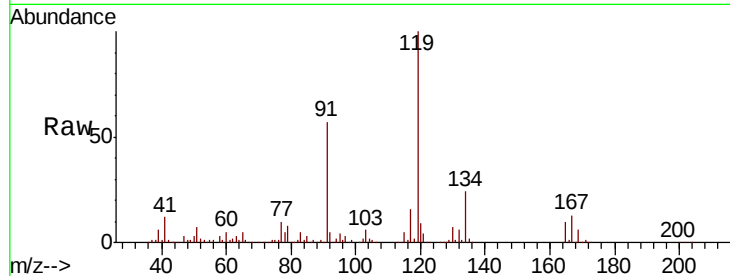
#83
 tert-Butylbenzene
 Concen: 23.586 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	205990		
91	57.0		27.5	82.5
134	23.4		11.5	34.4

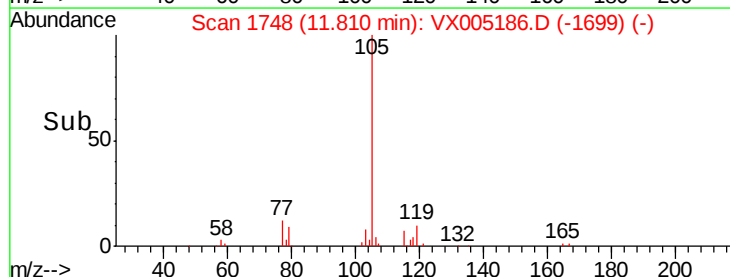
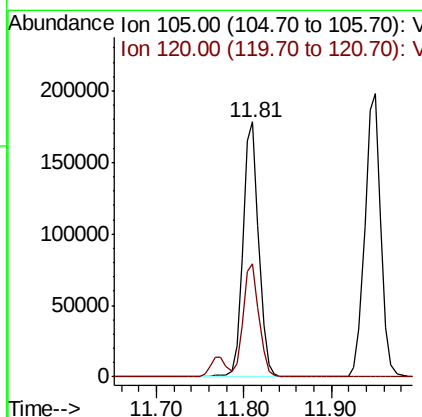
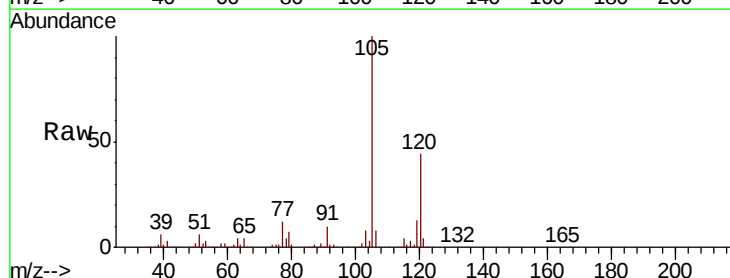
Manual Integrations
 APPROVED

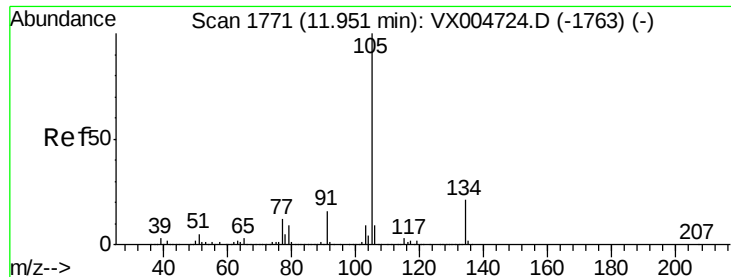
MMDadoda
 10/11/2018 5:31:49 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.182 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223514		
120	44.5		22.8	68.3





#85

sec-Butylbenzene

Concen: 23.676 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion:105 Resp: 251863

Ion Ratio Lower Upper

105 100

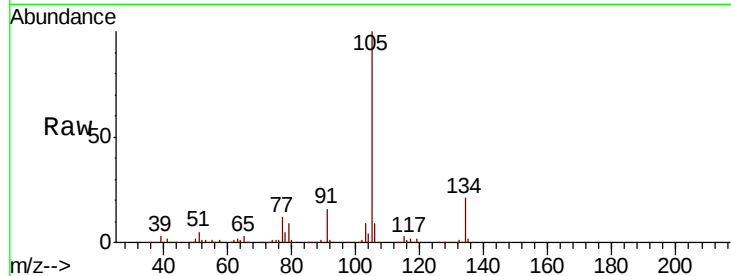
134 20.4 10.2 30.4

Manual Integrations

APPROVED

MMDadoda

10/11/2018 5:31:49 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

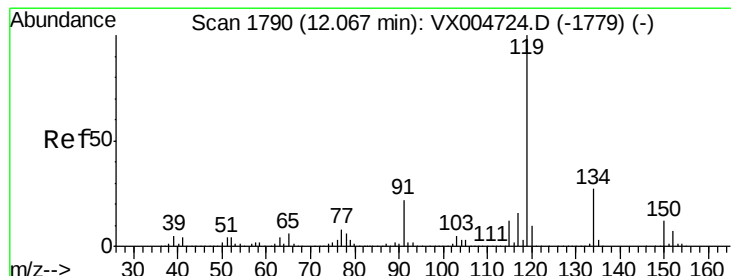
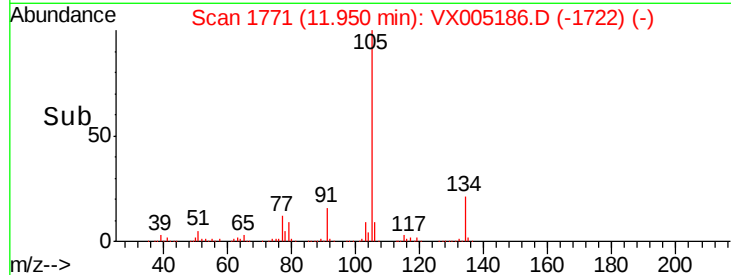
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 23.398 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005186.D

Acq: 10 Oct 2018 04:18

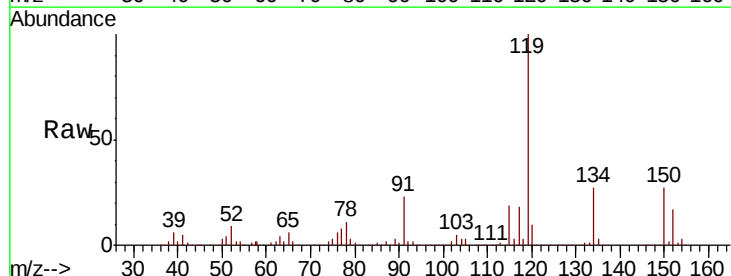
Tgt Ion:119 Resp: 225515

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 23.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

250000

200000

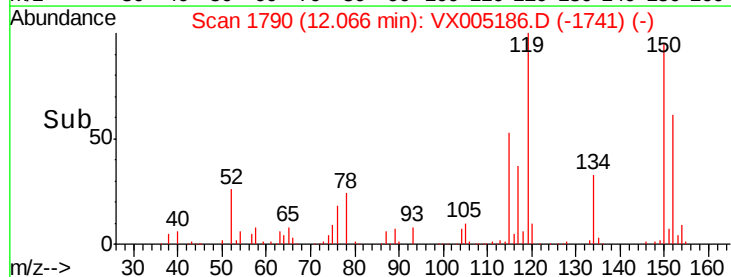
150000

100000

50000

0

Time-->





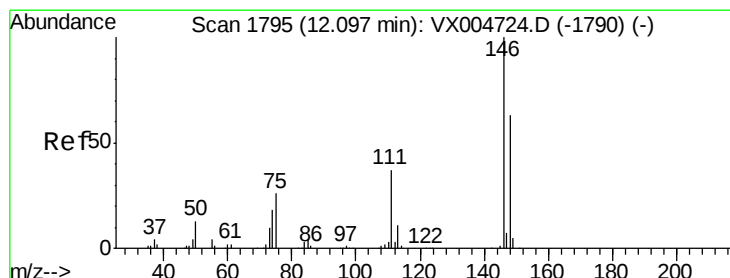
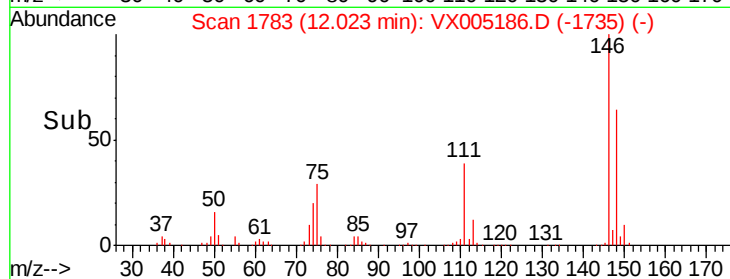
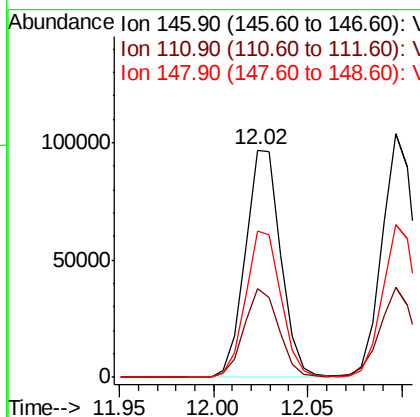
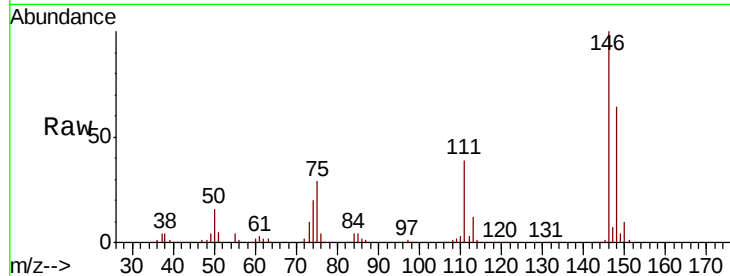
#87
 1,3-Dichlorobenzene
 Concen: 21.994 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.1	31.8	95.3

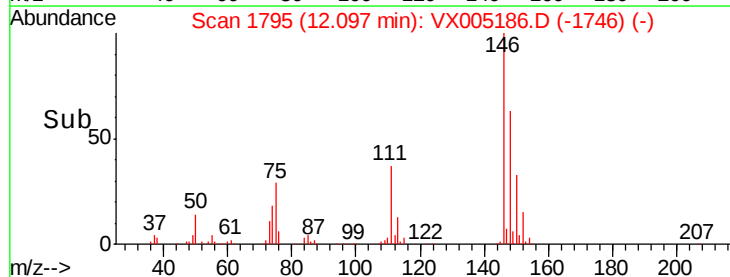
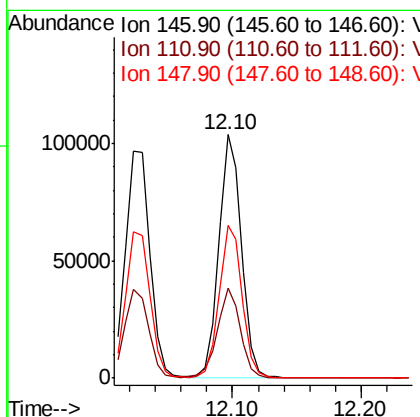
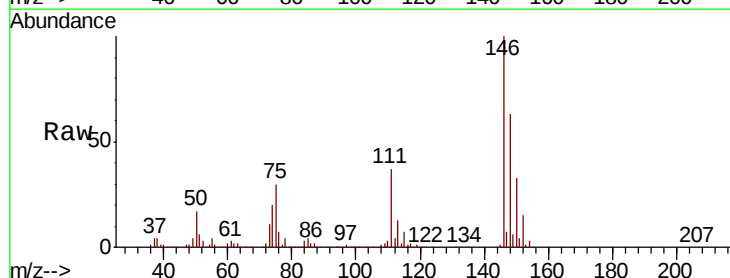
Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:49 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.690 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.4	55.2
148	63.8	32.0	96.0





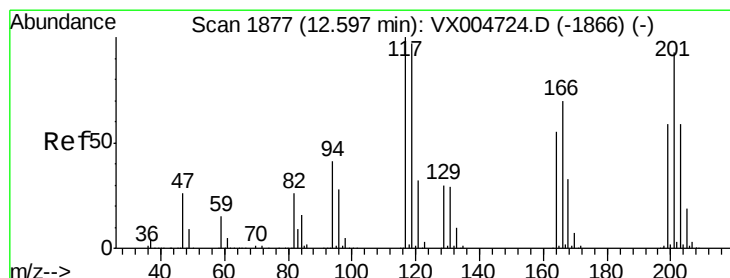
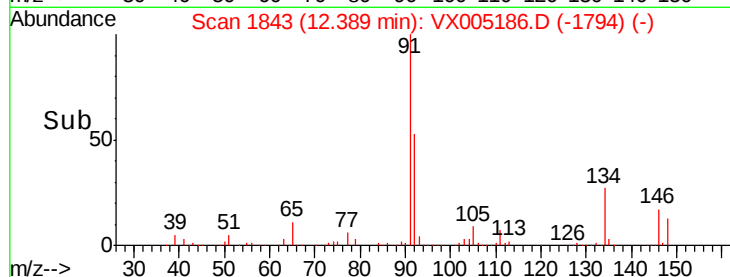
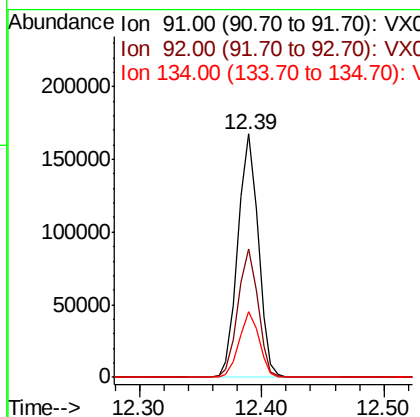
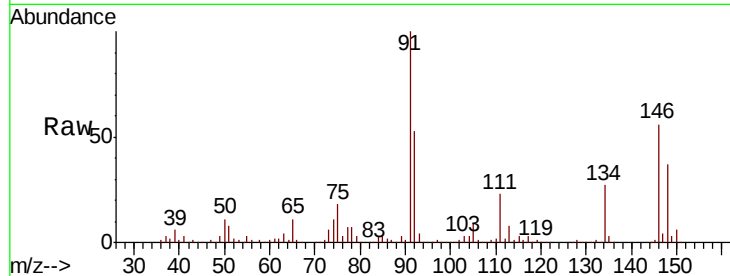
#89
n-Butylbenzene
Concen: 21.963 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	26.5	13.2	39.6

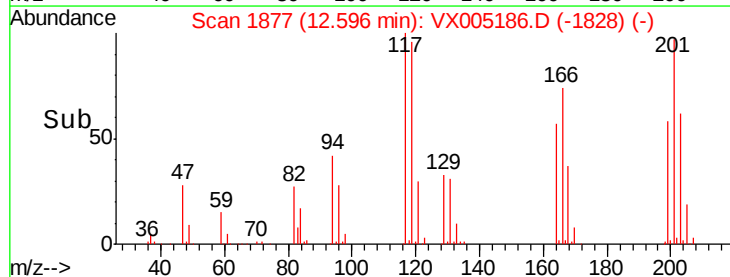
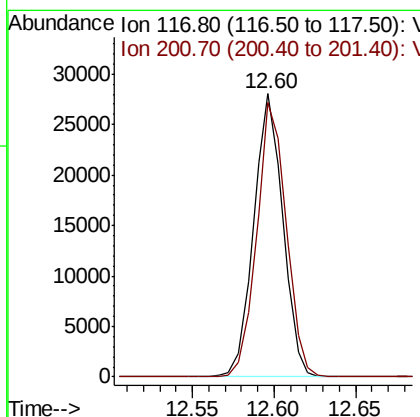
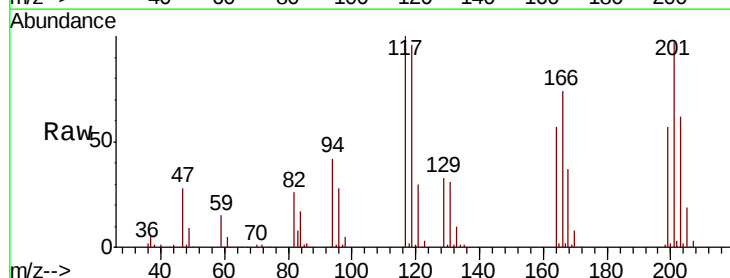
Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#90
Hexachloroethane
Concen: 21.737 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.5	48.4	145.0





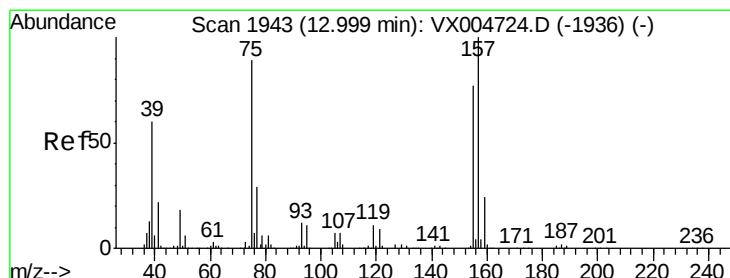
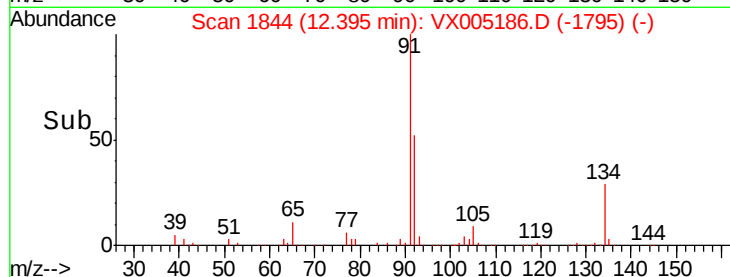
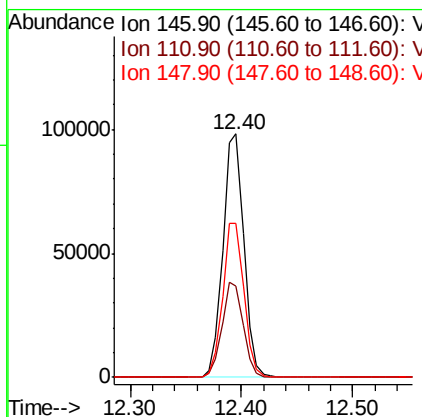
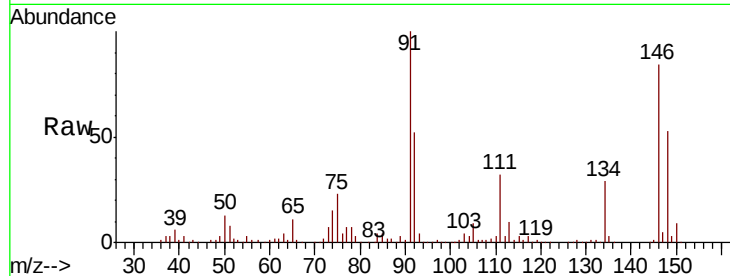
#91
 1,2-Dichlorobenzene
 Concen: 21.201 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	64.3	31.8	95.4

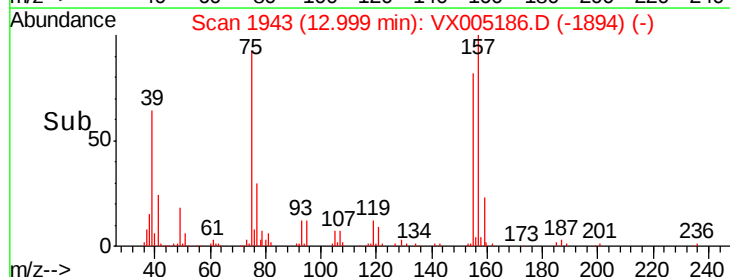
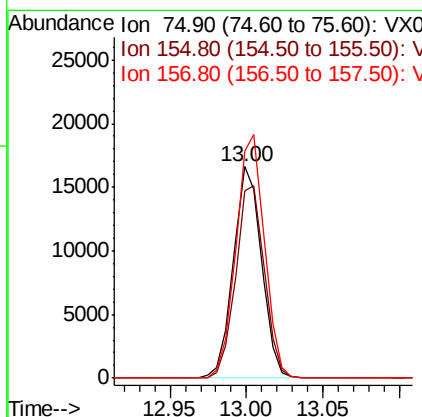
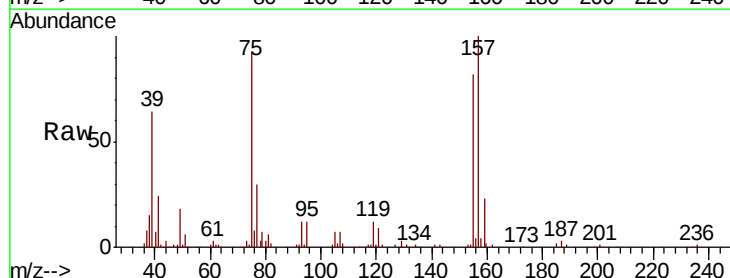
Manual Integrations
 APPROVED

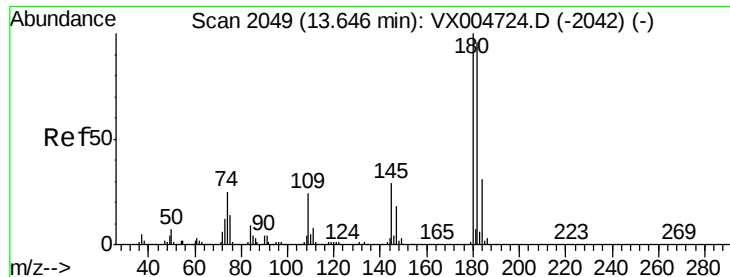
MMDadoda
 10/11/2018 5:31:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.398 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	46.1	138.3
157	116.0	60.2	180.6





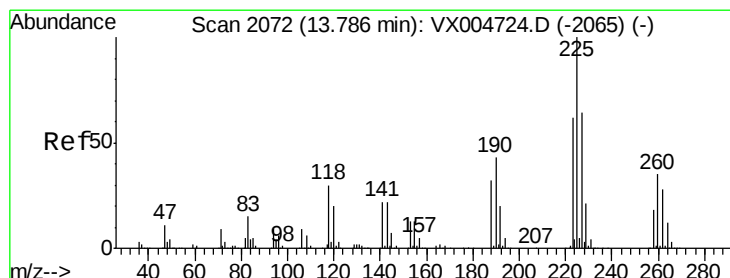
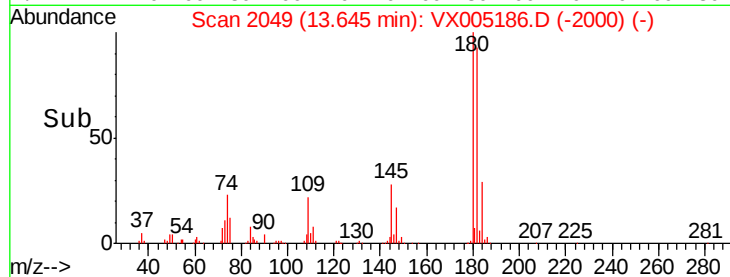
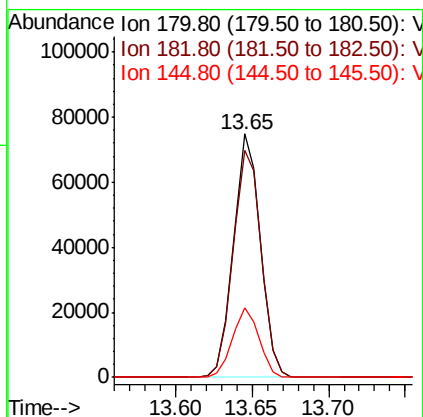
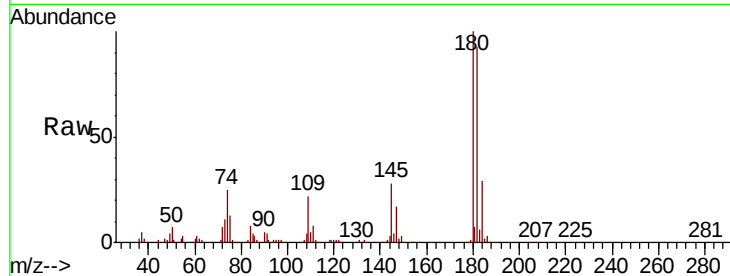
#93
 1,2,4-Trichlorobenzene
 Concen: 21.534 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.8	143.4
145	28.4	14.1	42.4

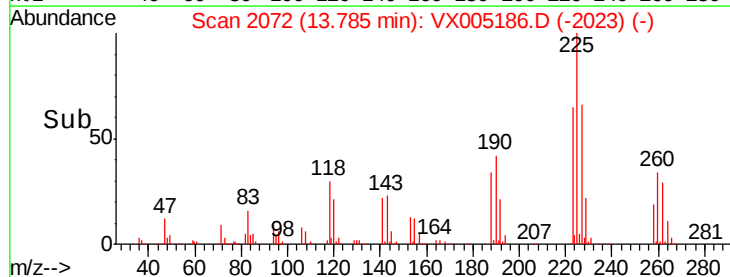
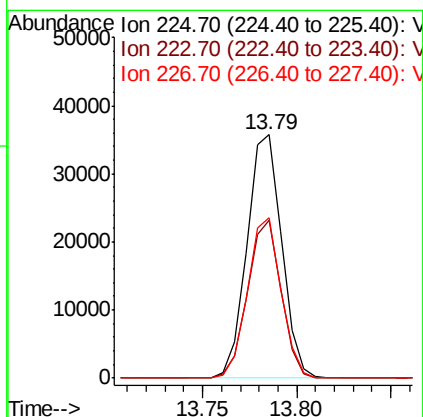
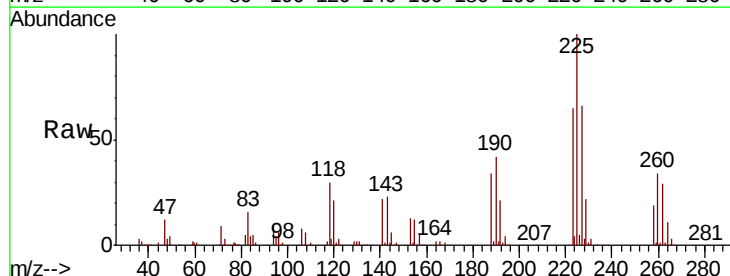
Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:49 PM



#94
 Hexachlorobutadiene
 Concen: 20.825 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005186.D
 Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	63.9	31.9	95.5





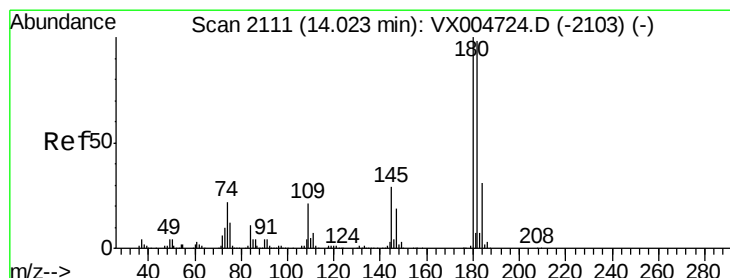
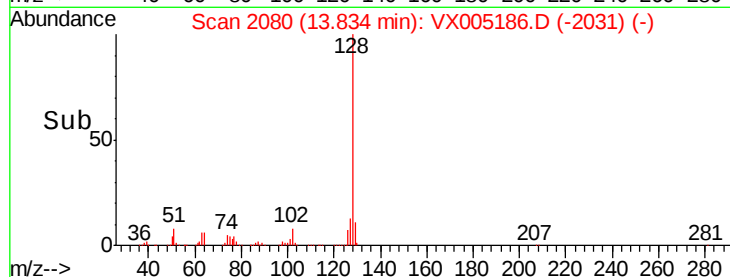
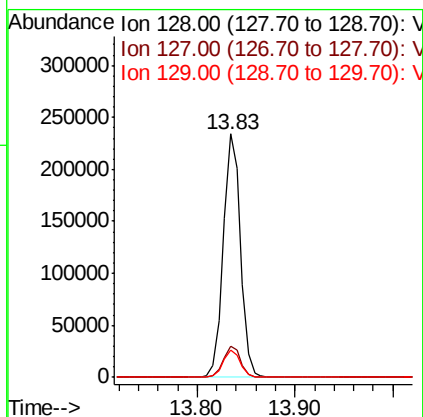
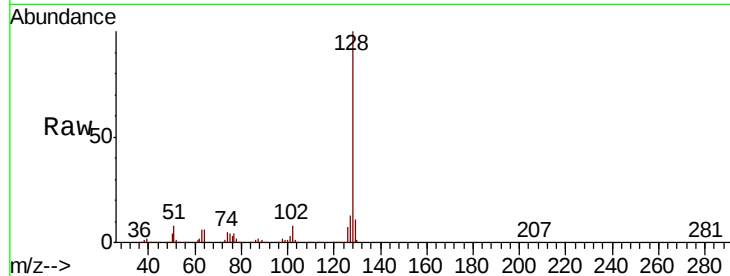
#95
Naphthalene
Concen: 20.709 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.111 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005186.D
Acq: 10 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	30.3	15.0	45.0

