

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002208.D
 Acq On : 01 Jun 2018 09:36
 Operator : JC/MD
 Sample : VX0531WBS05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:16 PM

Quant Time: Jun 01 16:06:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	160480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	205428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161822	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	5.51	113	117647	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	8.72	98	460109	57.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.32%	
62) 4-Bromofluorobenzene	11.14	95	168272	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35004	16.048	ug/l	99
3) Chloromethane	1.32	50	44818	18.151	ug/l	99
4) Vinyl Chloride	1.41	62	46668	19.575	ug/l	98
5) Bromomethane	1.64	94	30247	27.122	ug/l	99
6) Chloroethane	1.72	64	31492	22.407	ug/l	99
7) Trichlorofluoromethane	1.93	101	79732	22.269	ug/l	99
8) Diethyl Ether	2.19	74	32082	24.696	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46817	23.433	ug/l	98
10) Methyl Iodide	2.51	142	44267	16.375	ug/l	96
11) Tert butyl alcohol	3.07	59	84600	150.244	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40837	21.832	ug/l	95
13) Acrolein	2.30	56	25740	105.727	ug/l	99
14) Allyl chloride	2.73	41	88591	22.563	ug/l	97
15) Acrylonitrile	3.15	53	162907	140.691	ug/l	99
16) Acetone	2.45	43	219844	198.581	ug/l	98
17) Carbon Disulfide	2.57	76	82890	15.397	ug/l	97
18) Methyl Acetate	2.78	43	81764	30.208	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	164646	23.403	ug/l	99
20) Methylene Chloride	2.86	84	48872	24.651	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42841	22.662	ug/l	99
22) Diisopropyl ether	3.87	45	157517	19.723	ug/l	93
23) Vinyl Acetate	3.83	43	699378	105.618	ug/l	97
24) 1,1-Dichloroethane	3.70	63	86248	22.734	ug/l	99
25) 2-Butanone	4.71	43	249898	123.159	ug/l	99
26) 2,2-Dichloropropane	4.59	77	63183	16.454	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45916	18.825	ug/l	92
28) Bromochloromethane	5.02	49	41354	24.915	ug/l	97
29) Tetrahydrofuran	5.17	42	143580	108.761	ug/l	98
30) Chloroform	5.22	83	79290	18.551	ug/l	95
31) Cyclohexane	5.58	56	72407	18.319	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	68436	17.175	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56549	18.286	ug/l	100
37) Ethyl Acetate	4.87	43	84781	21.028	ug/l	98
38) Carbon Tetrachloride	5.79	117	57521	15.950	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002208.D
 Acq On : 01 Jun 2018 09:36
 Operator : JC/MD
 Sample : VX0531WBS05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:16 PM

Quant Time: Jun 01 16:06:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74413	19.586	ug/l	97
40) Benzene	6.15	78	176330	19.462	ug/l	99
41) Methacrylonitrile	5.07	41	45673	20.668	ug/l	98
42) 1,2-Dichloroethane	6.20	62	71232	19.682	ug/l	99
43) Isopropyl Acetate	6.47	43	130042	19.358	ug/l	99
44) Trichloroethene	7.22	130	49051	18.579	ug/l	99
45) 1,2-Dichloropropane	7.52	63	48040	19.525	ug/l	97
46) Dibromomethane	7.67	93	31409	19.281	ug/l	97
47) Bromodichloromethane	7.90	83	55680	16.030	ug/l	96
48) Methyl methacrylate	7.78	41	66637	19.490	ug/l	98
49) 1,4-Dioxane	7.76	88	28240	468.708	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	452390	111.712	ug/l	99
52) Toluene	8.79	92	112481	19.508	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	66658	16.662	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	59928	15.373	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	47403	19.680	ug/l	98
56) Ethyl methacrylate	9.18	69	75252	18.163	ug/l	97
57) 1,3-Dichloropropane	9.38	76	79756	20.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	175443	95.540	ug/l	100
59) 2-Hexanone	9.50	43	367995	117.852	ug/l	99
60) Dibromochloromethane	9.59	129	42071	14.746	ug/l	99
61) 1,2-Dibromoethane	9.68	107	49299	19.505	ug/l	100
64) Tetrachloroethene	9.34	164	55263	18.763	ug/l	100
65) Chlorobenzene	10.14	112	127333	19.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	44240	16.833	ug/l	99
67) Ethyl Benzene	10.26	91	219117	19.377	ug/l	100
68) m/p-Xylenes	10.37	106	166389	38.492	ug/l	100
69) o-Xylene	10.70	106	83082	19.249	ug/l	99
70) Styrene	10.72	104	132829	18.557	ug/l	99
71) Bromoform	10.86	173	31965	12.827	ug/l #	99
73) Isopropylbenzene	11.02	105	225287	20.087	ug/l	99
74) N-amyl acetate	6.47	43	130042	20.489	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70618	22.321	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	65985m	20.742	ug/l	
77) Bromobenzene	11.26	156	58719	19.733	ug/l	96
78) n-propylbenzene	11.37	91	247749	19.723	ug/l	99
79) 2-Chlorotoluene	11.43	91	150419	20.468	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186491	19.457	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17721	13.388	ug/l #	81
82) 4-Chlorotoluene	11.51	91	170406	19.234	ug/l	99
83) tert-Butylbenzene	11.77	119	182798	19.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	192017	19.386	ug/l	99
85) sec-Butylbenzene	11.95	105	223920	19.805	ug/l	99
86) p-Isopropyltoluene	12.07	119	197709	19.542	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	103687	19.457	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	104625	19.638	ug/l	100
89) n-Butylbenzene	12.39	91	162095	18.908	ug/l	98
90) Hexachloroethane	12.60	117	26621	13.340	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	109772	20.217	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16057	16.103	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002208.D
Acq On : 01 Jun 2018 09:36
Operator : JC/MD
Sample : VX0531WBS05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM

Quant Time: Jun 01 16:06:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72945	18.788	ug/l	99
94) Hexachlorobutadiene	13.79	225	38503	18.436	ug/l	98
95) Naphthalene	13.84	128	240995	20.147	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	78656	19.579	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion:168 Resp: 160480

Ion Ratio Lower Upper

168 100

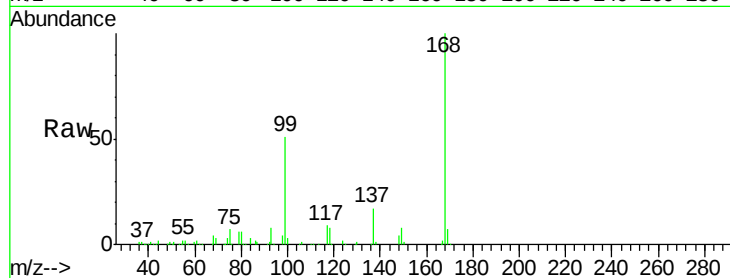
99 50.7 41.0 61.4

Manual Integrations

APPROVED

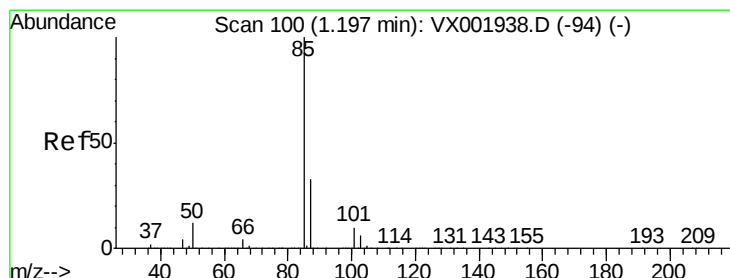
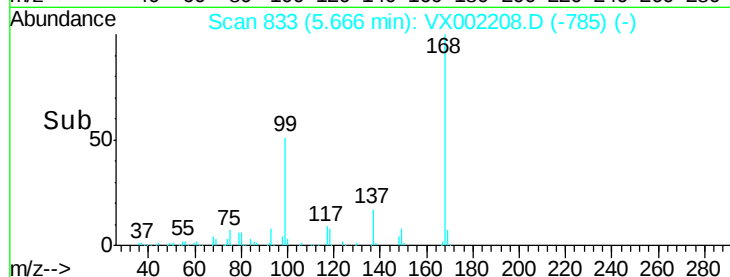
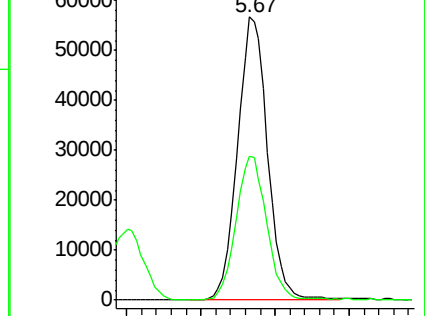
MMDadoda

6/1/2018 6:37:16 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.048 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002208.D

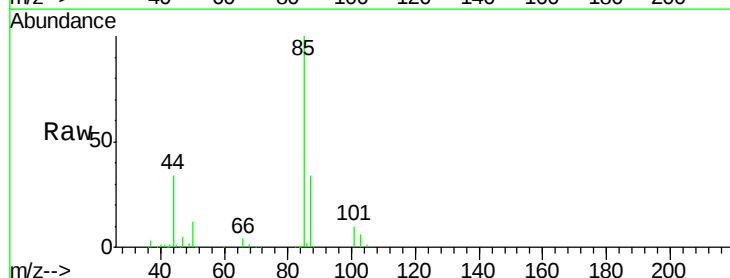
Acq: 01 Jun 2018 09:36

Tgt Ion: 85 Resp: 35004

Ion Ratio Lower Upper

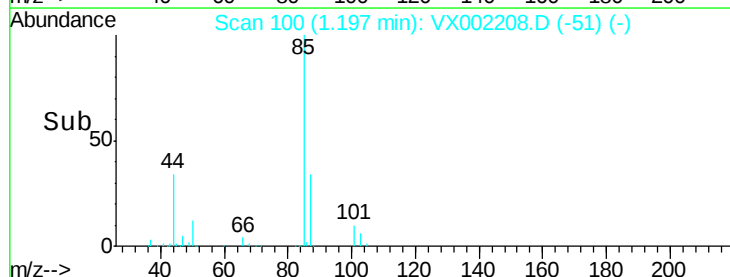
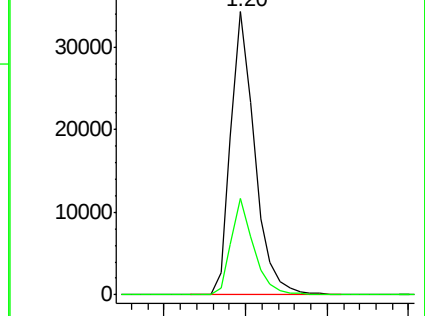
85 100

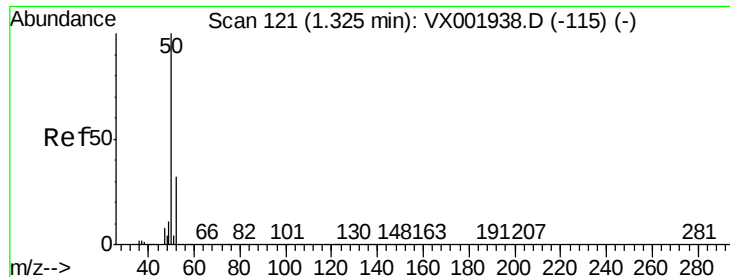
87 34.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.151 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 50 Resp: 44818

Ion Ratio Lower Upper

50 100

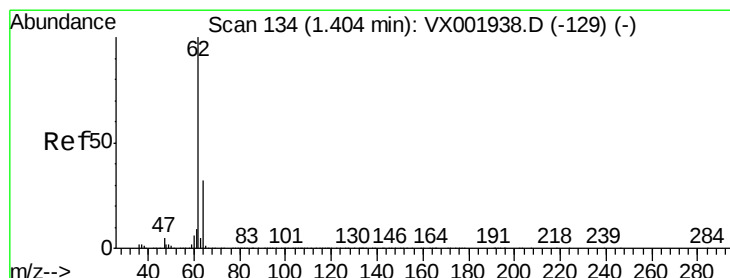
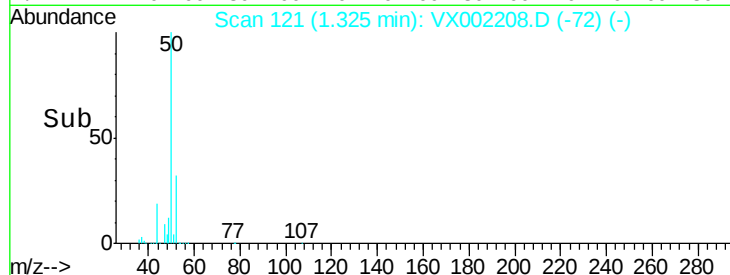
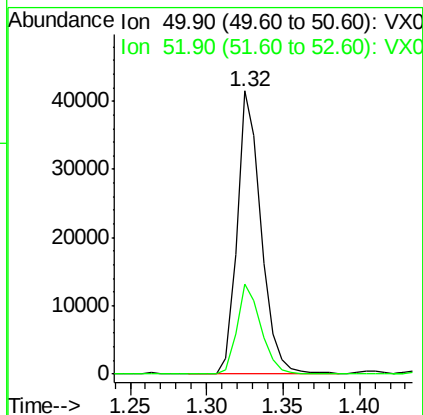
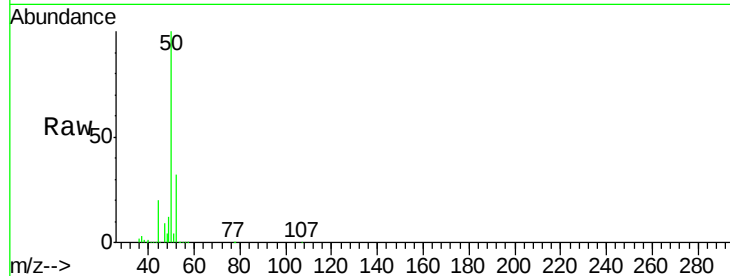
52 31.9 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/1/2018 6:37:16 PM



#4

Vinyl Chloride

Concen: 19.575 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002208.D

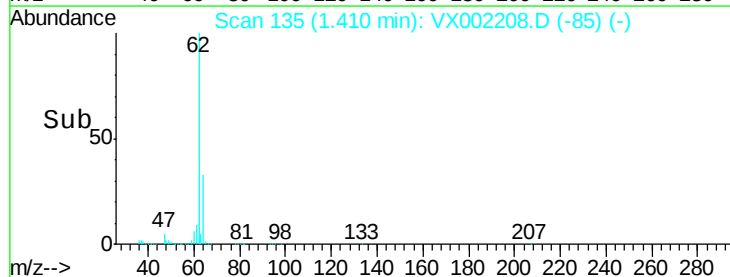
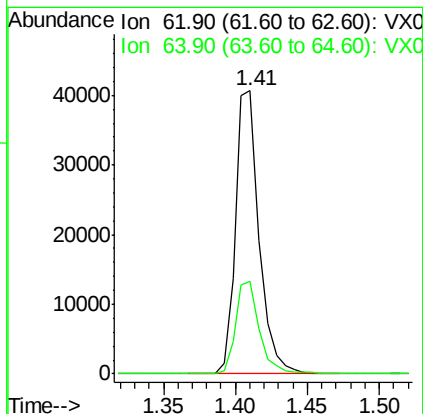
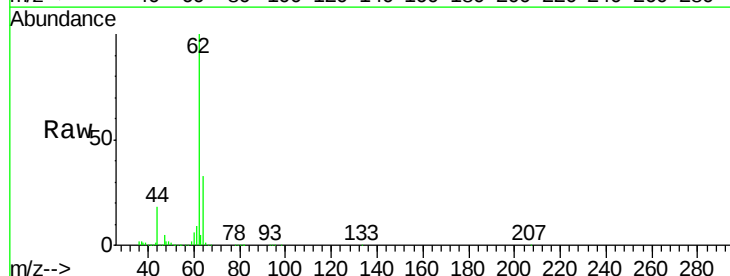
Acq: 01 Jun 2018 09:36

Tgt Ion: 62 Resp: 46668

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 27.122 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 94 Resp: 30247

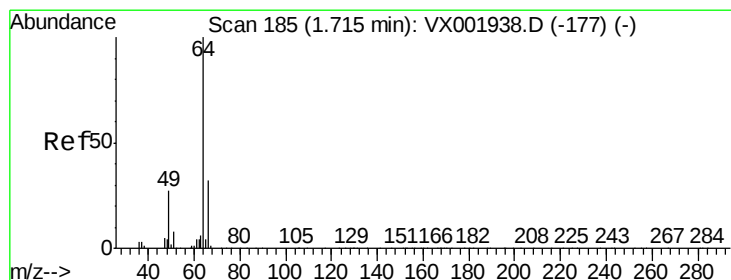
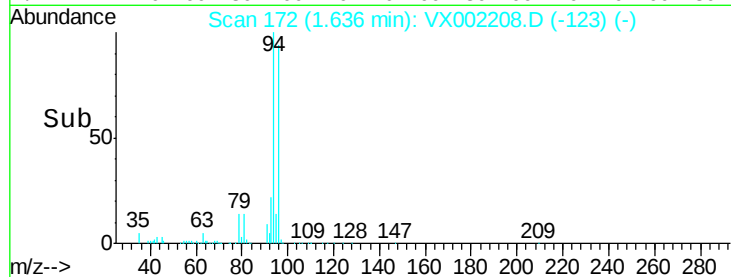
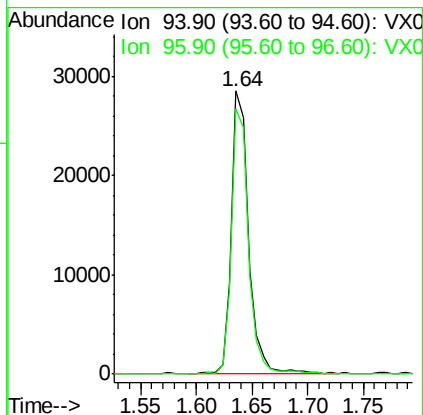
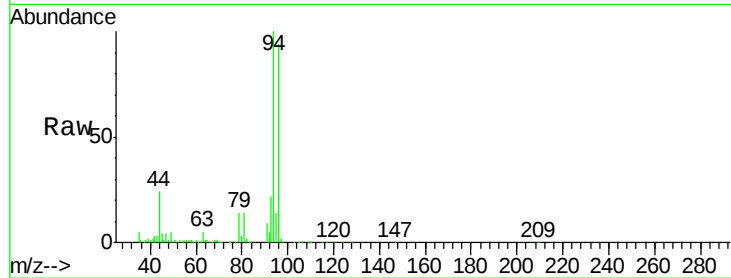
Ion Ratio Lower Upper

94 100

96 93.8 75.9 113.9

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#6

Chloroethane

Concen: 22.407 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002208.D

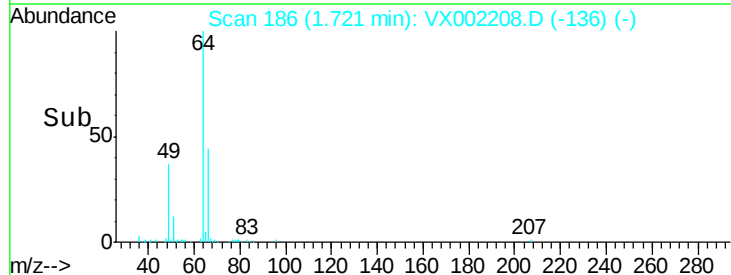
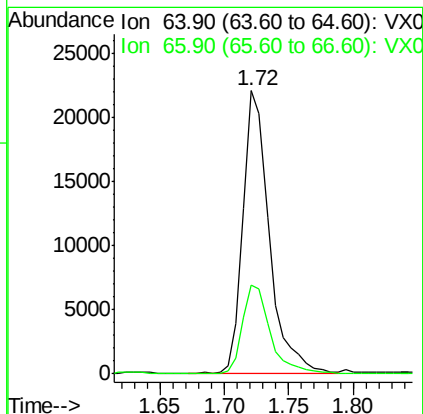
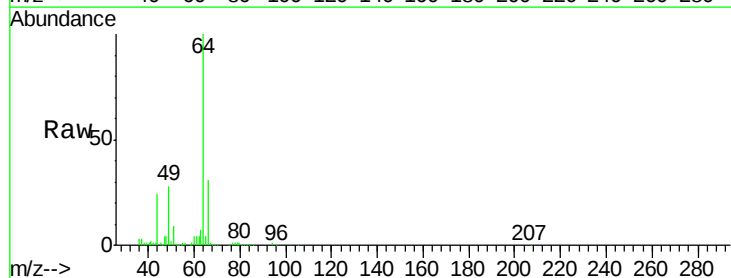
Acq: 01 Jun 2018 09:36

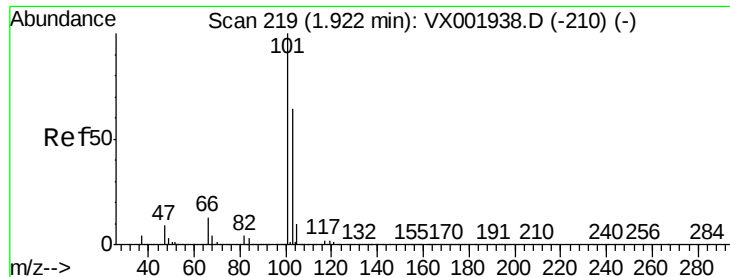
Tgt Ion: 64 Resp: 31492

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4





#7

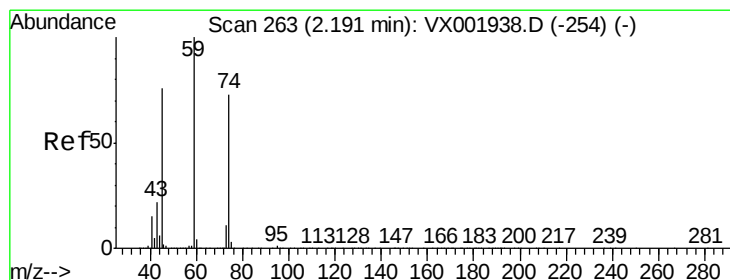
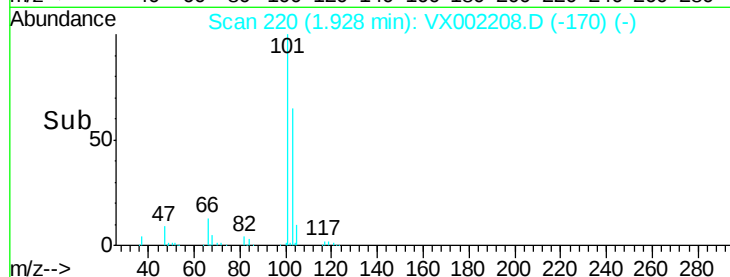
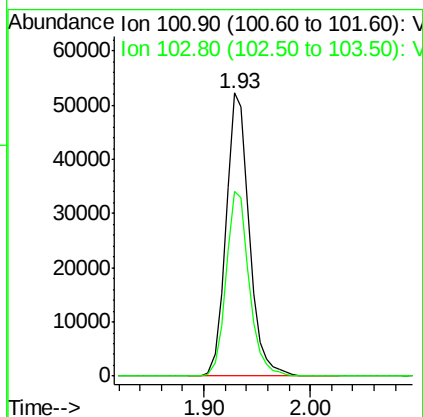
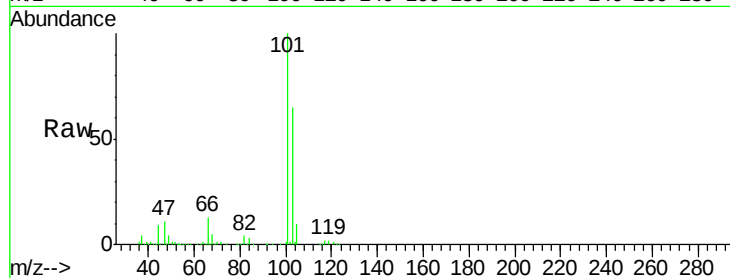
Trichlorofluoromethane
Concen: 22.269 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.4	77.0

Manual Integrations
APPROVED

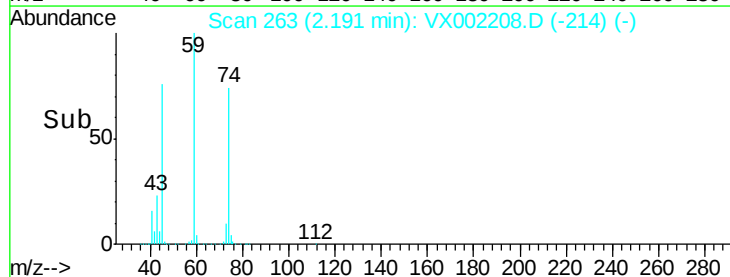
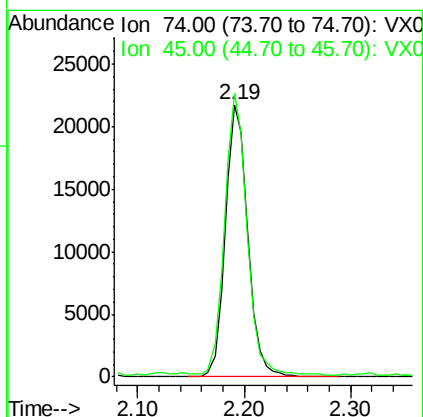
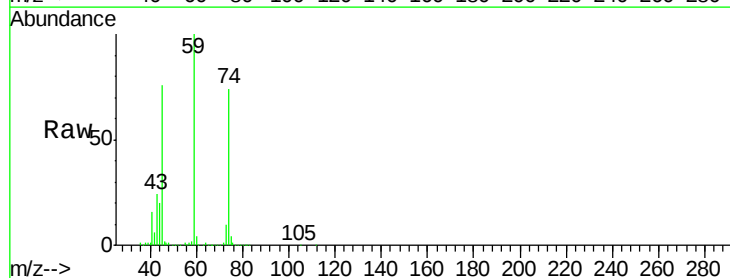
MMDadoda
6/1/2018 6:37:16 PM

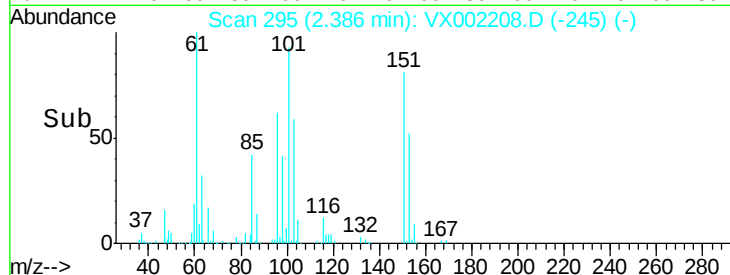
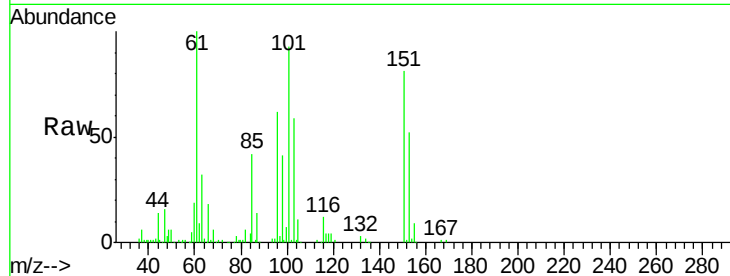


#8

Diethyl Ether
Concen: 24.696 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	51.5	154.7





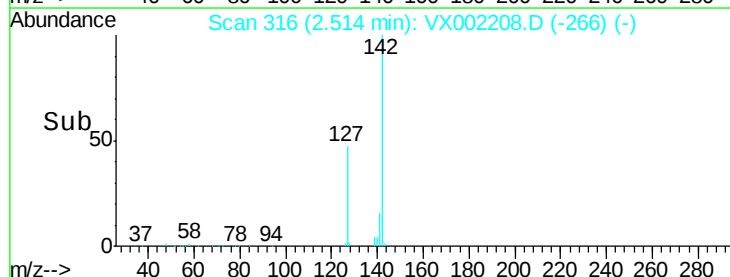
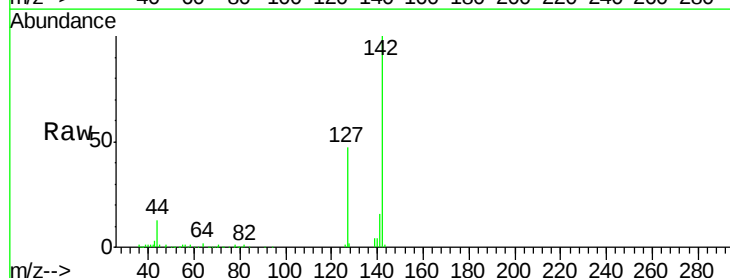
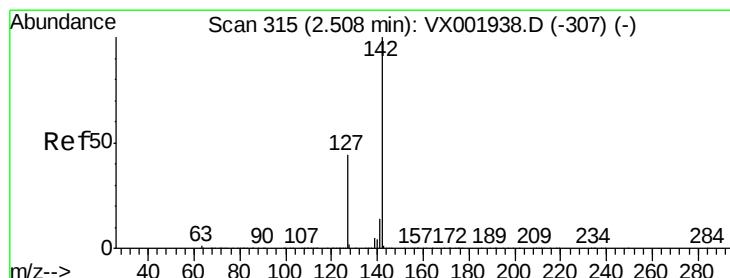
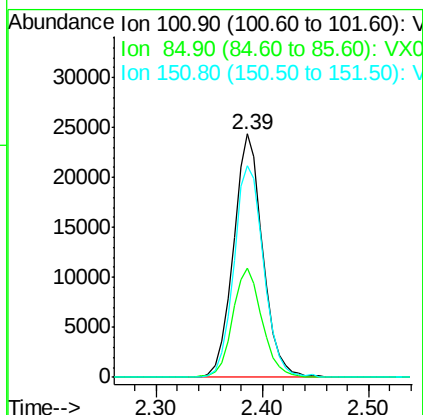
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.433 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Resp	Lower	Upper
101	100	46817		
85	45.3	35.6	53.4	
151	88.8	73.2	109.8	

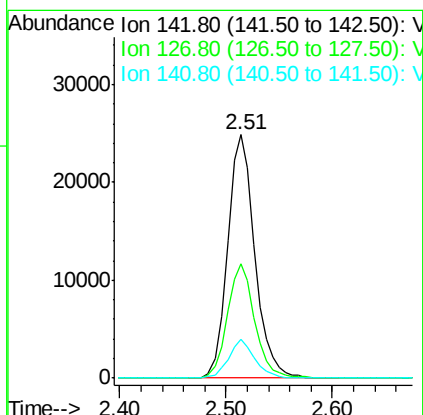
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#10
Methyl Iodide
Concen: 16.375 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	44267		
127	47.2	35.5	53.3	
141	15.1	11.3	16.9	





#11

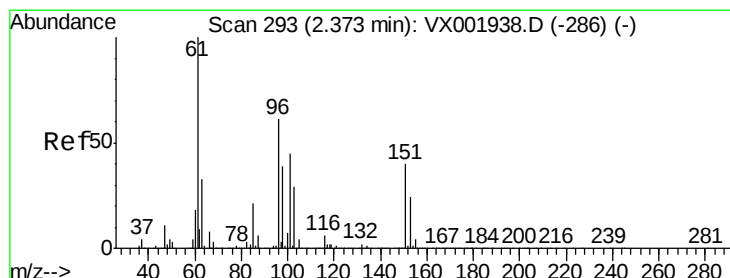
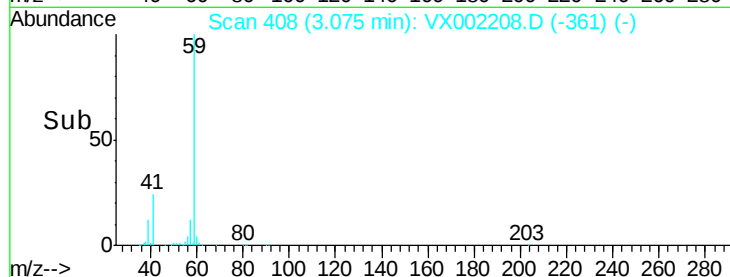
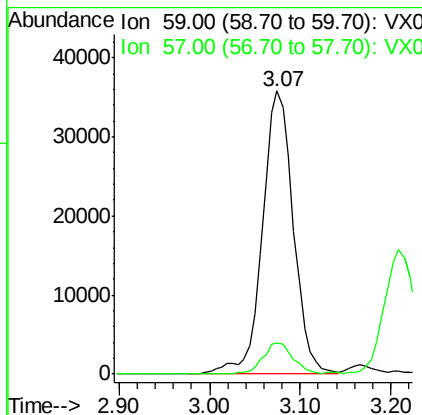
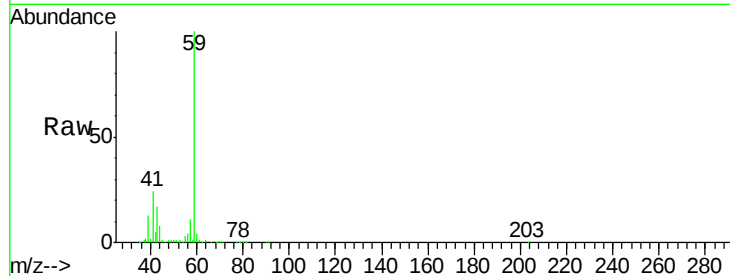
Tert butyl alcohol
Concen: 150.244 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.9	13.3

Manual Integrations
APPROVED

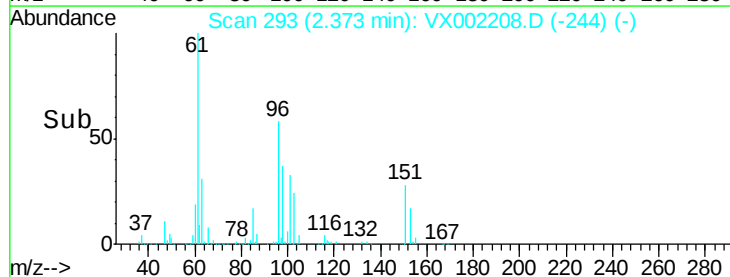
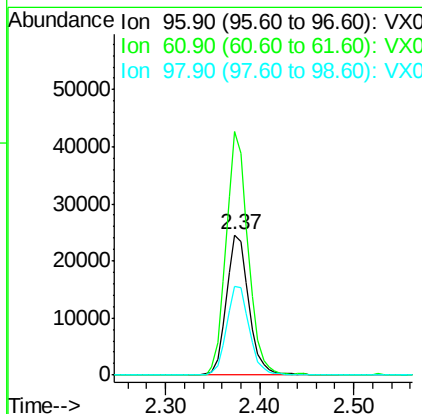
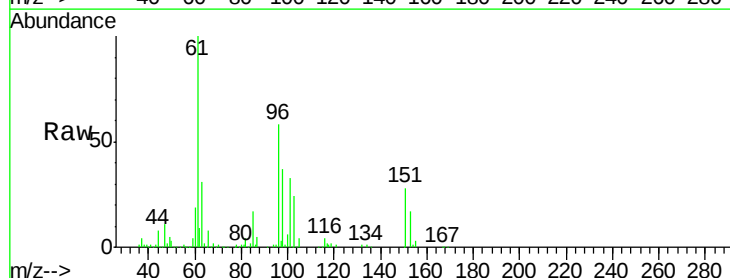
MMDadoda
6/1/2018 6:37:16 PM



#12

1,1-Dichloroethene
Concen: 21.832 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.8	131.7	197.5
98	63.7	51.6	77.4





#13

Acrolein

Concen: 105.727 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 56 Resp: 25740

Ion Ratio Lower Upper

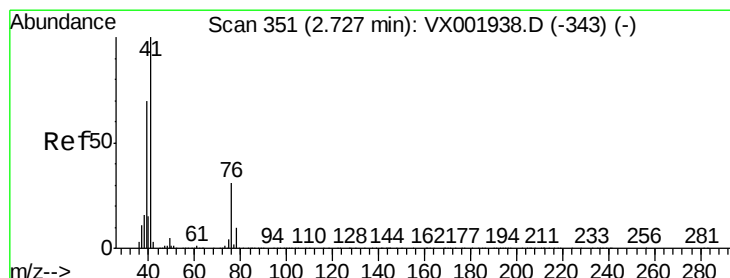
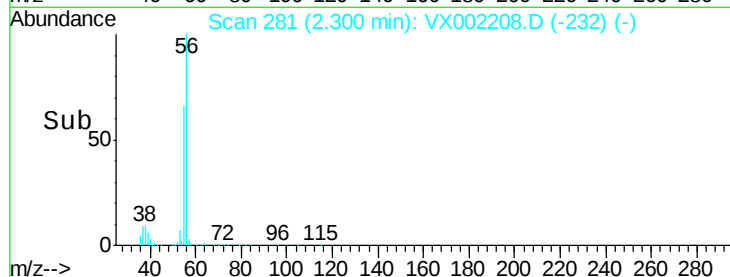
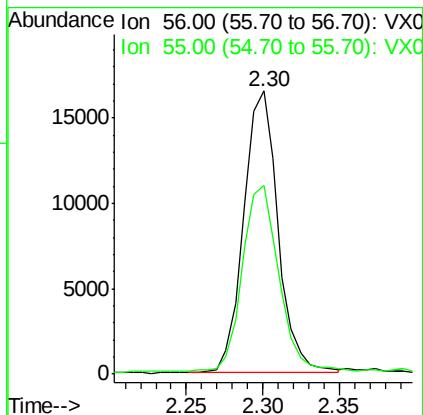
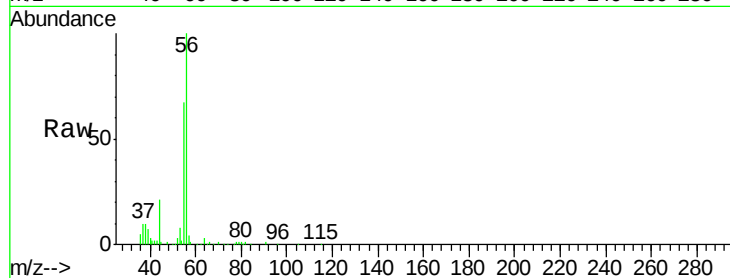
56 100

55 70.0 56.8 85.2

Manual Integrations
APPROVED

MMDadoda

6/1/2018 6:37:16 PM



#14

Allyl chloride

Concen: 22.563 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

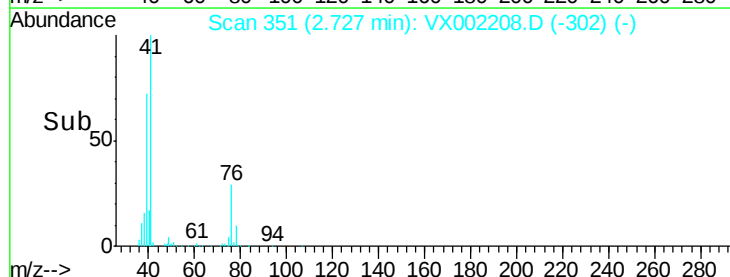
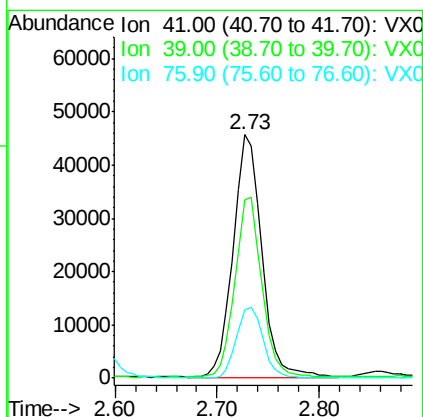
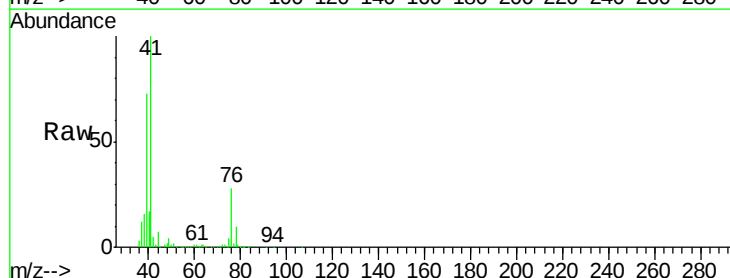
Tgt Ion: 41 Resp: 88591

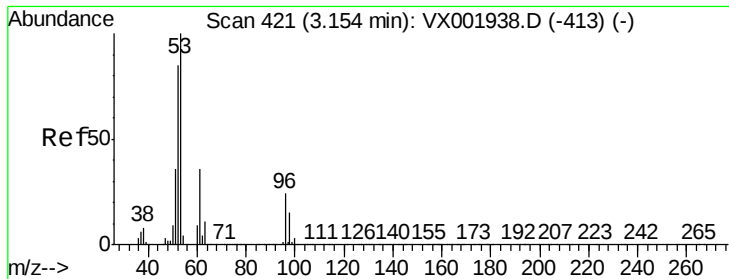
Ion Ratio Lower Upper

41 100

39 69.8 54.3 81.5

76 27.6 24.2 36.4





#15

Acrylonitrile

Concen: 140.691 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

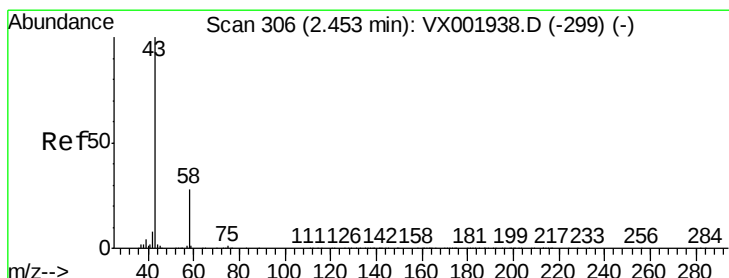
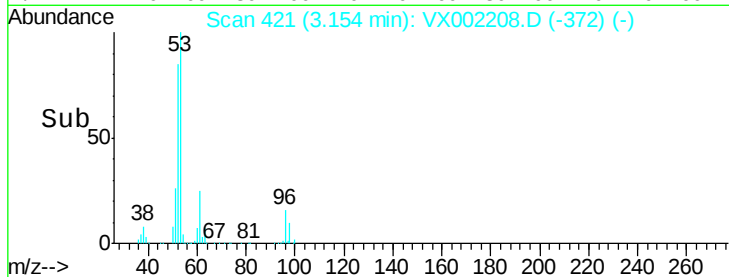
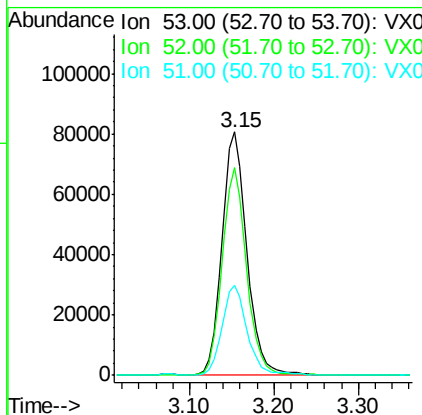
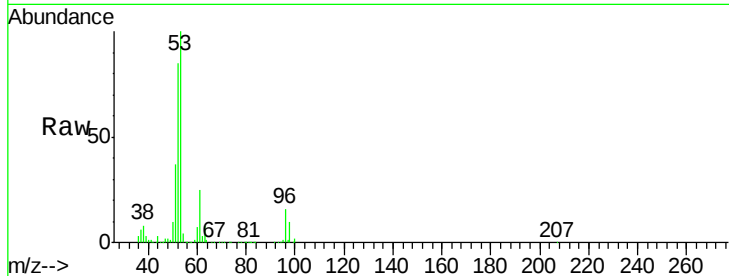
ClientSampleId :

VX0531WBS05

Tot Ion:	53	Resp:	162907
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.4	99.6
51	37.3	29.3	43.9

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#16

Acetone

Concen: 198.581 ug/l

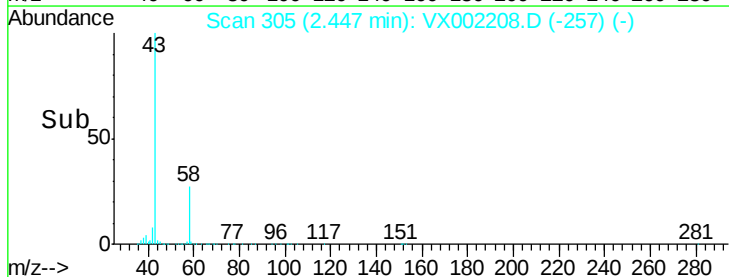
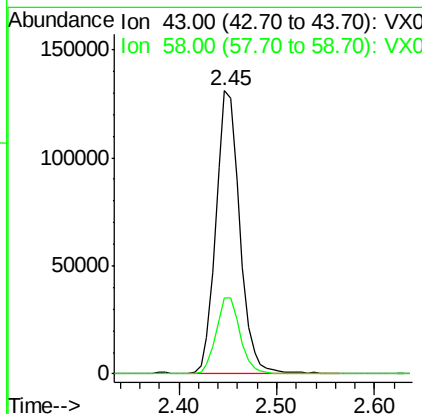
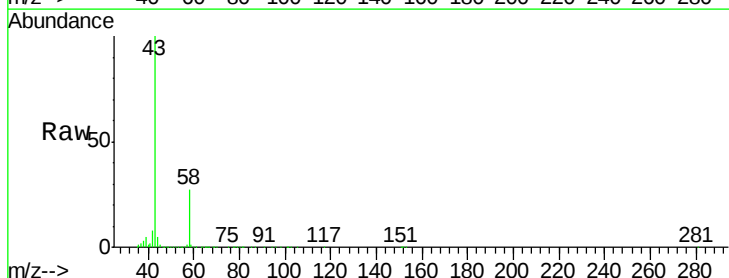
RT: 2.45 min Scan# 305

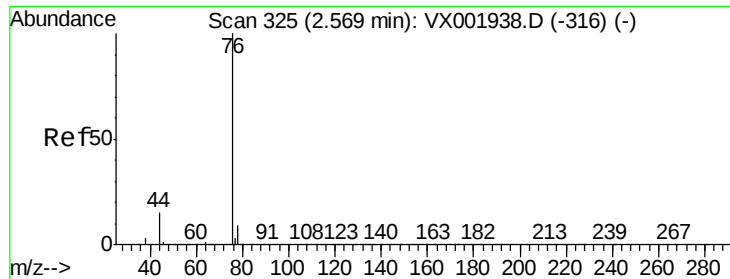
Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Tgt Ion:	43	Resp:	219844
Ion Ratio		Lower	Upper
43	100		
58	26.7	22.3	33.5





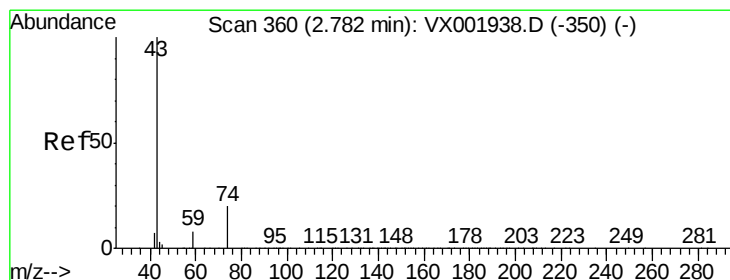
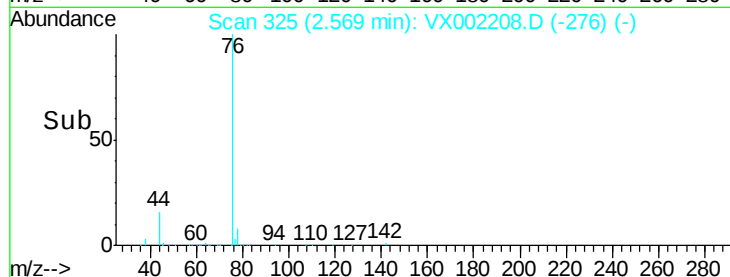
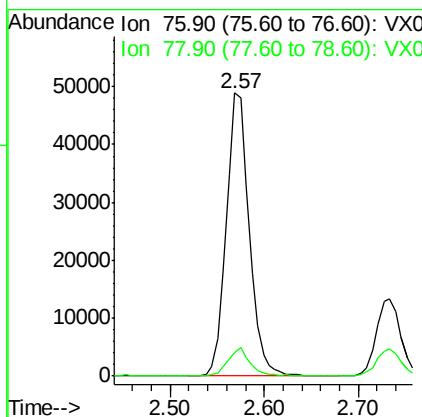
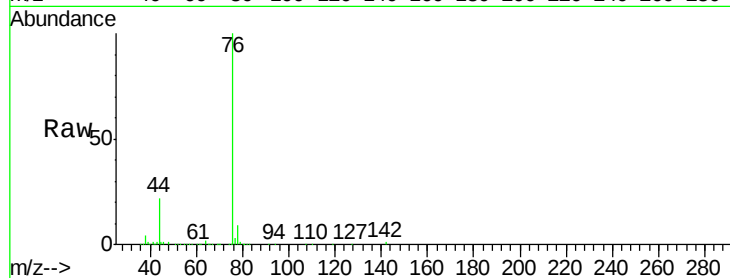
#17
Carbon Disulfide
Concen: 15.397 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.4	11.2

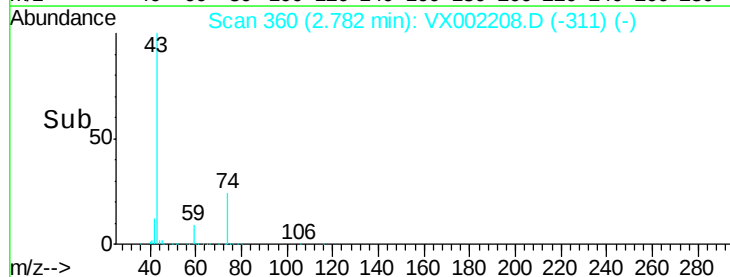
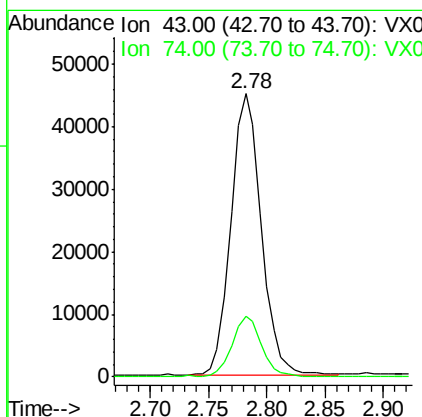
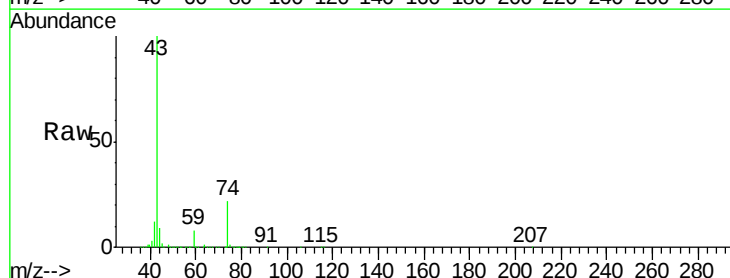
Manual Integrations
APPROVED

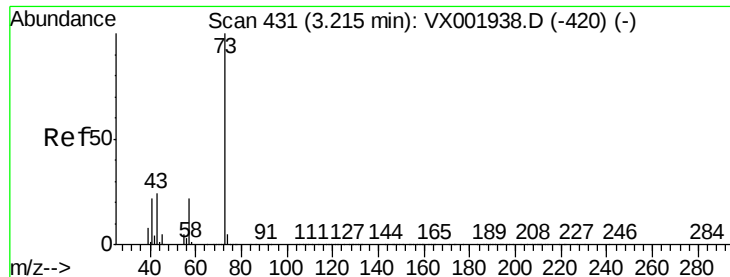
MMDadoda
6/1/2018 6:37:16 PM



#18
Methyl Acetate
Concen: 30.208 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.8	25.2





#19

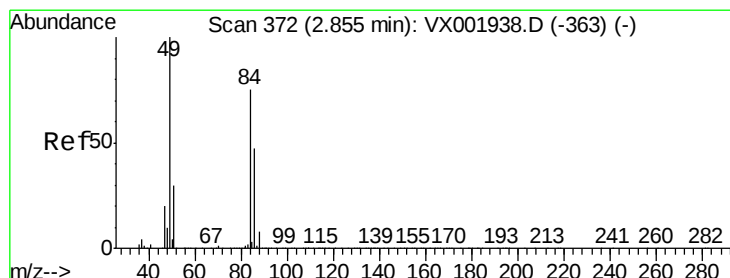
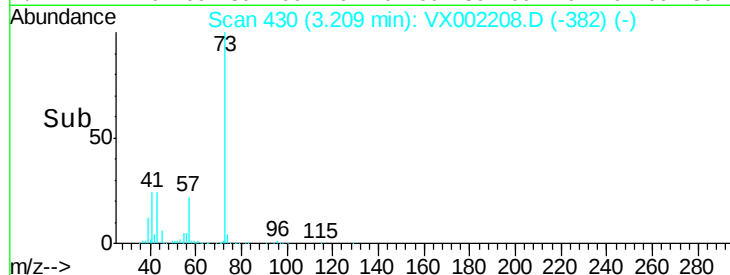
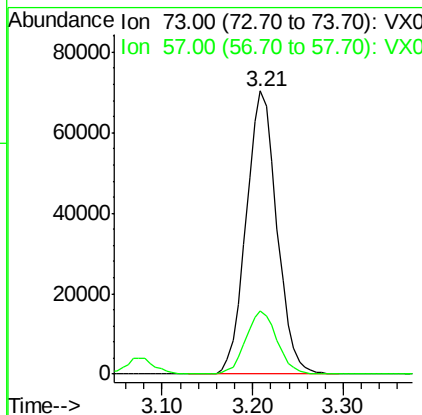
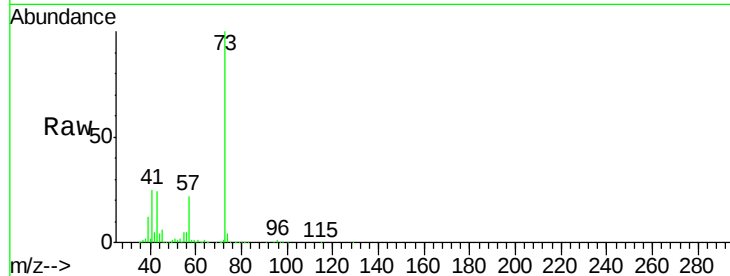
Methyl tert-butyl Ether
Concen: 23.403 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.0

Manual Integrations
APPROVED

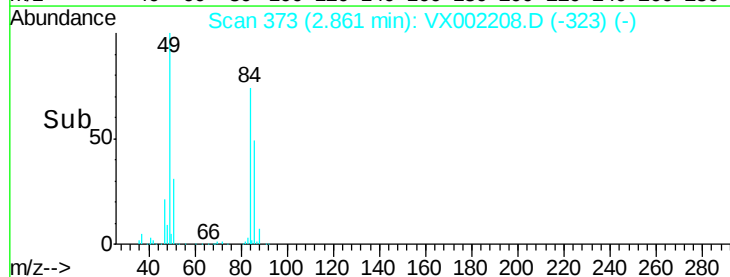
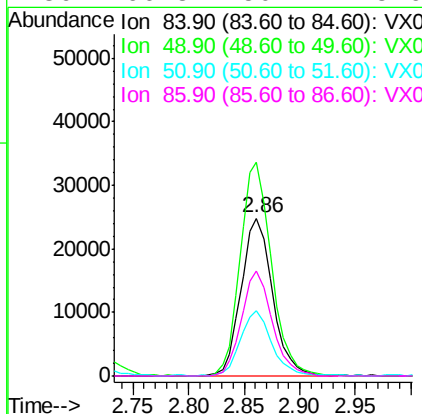
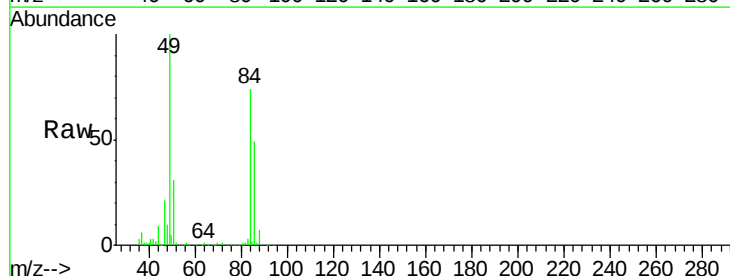
MMDadoda
6/1/2018 6:37:16 PM



#20

Methylene Chloride
Concen: 24.651 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.2	107.2	160.8
51	41.3	32.4	48.6
86	66.8	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 22.662 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

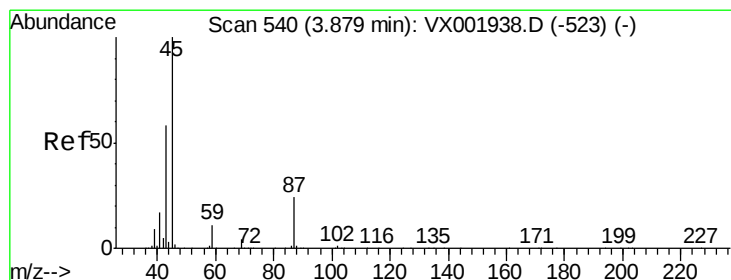
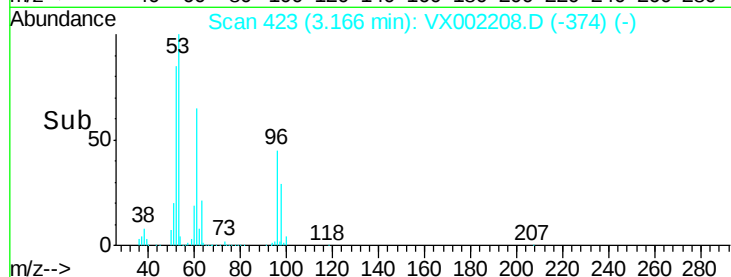
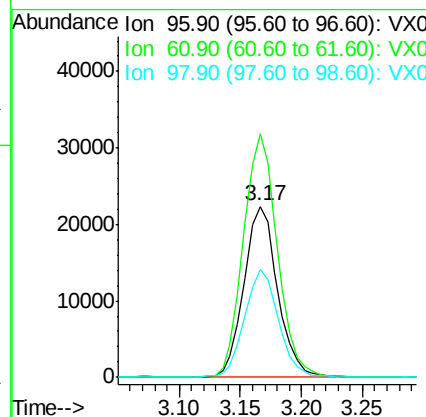
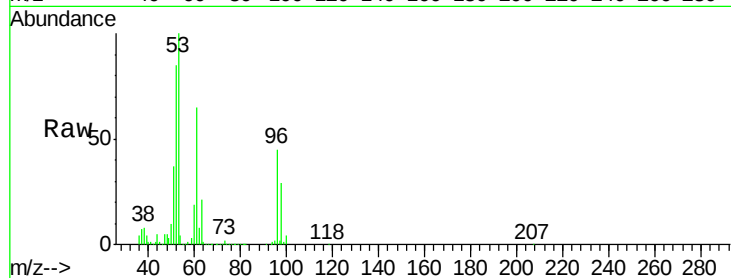
ClientSampleId :

VX0531WBS05

Tot Ion:	96	Resp:	42841
Ion	Ratio	Lower	Upper
96	100		
61	142.3	113.3	169.9
98	63.6	51.7	77.5

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#22

Diisopropyl ether

Concen: 19.723 ug/l

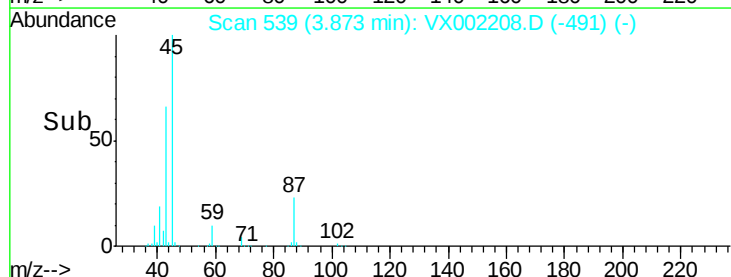
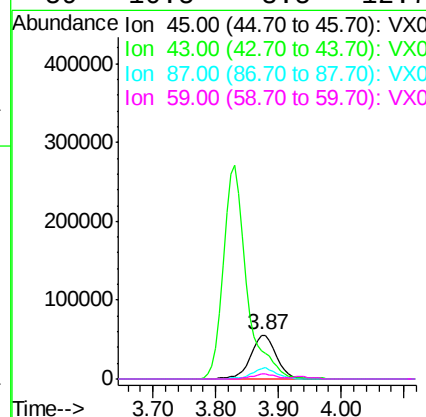
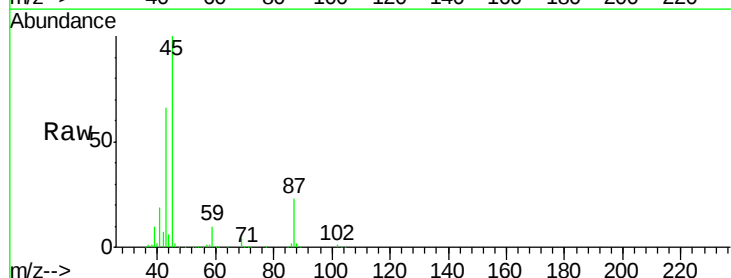
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Tgt Ion:	45	Resp:	157517
Ion	Ratio	Lower	Upper
45	100		
43	65.7	47.0	70.6
87	22.6	19.4	29.0
59	10.5	8.5	12.7





#23

Vinyl Acetate

Concen: 105.618 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 43 Resp: 699378

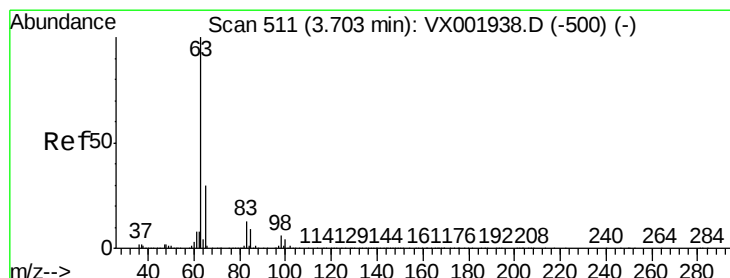
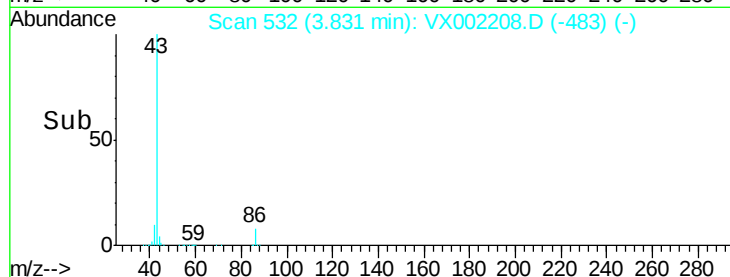
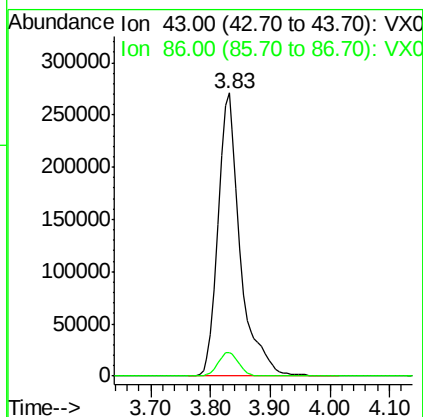
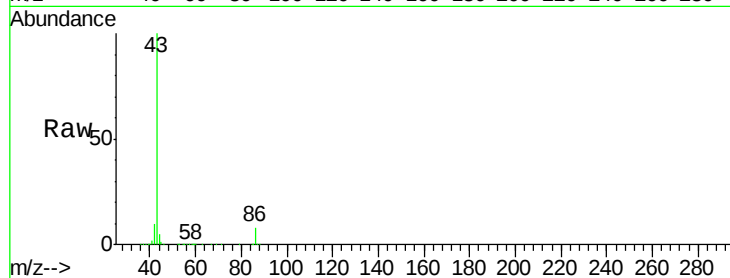
Ion Ratio Lower Upper

43 100

86 8.4 7.6 11.4

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#24

1,1-Dichloroethane

Concen: 22.734 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

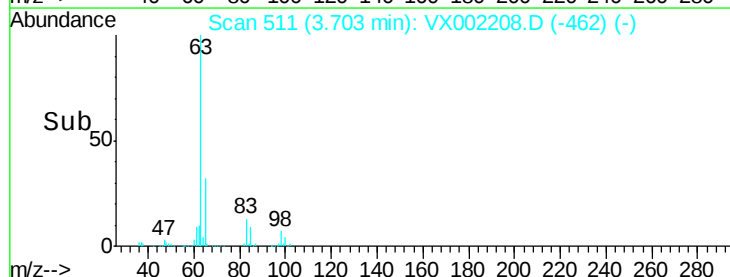
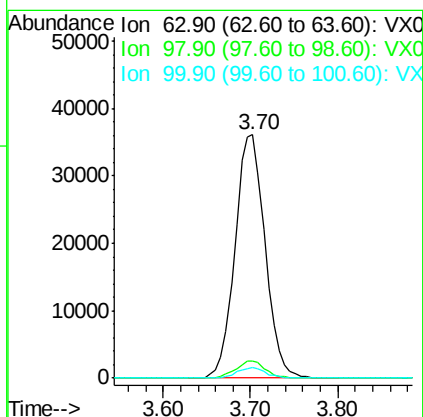
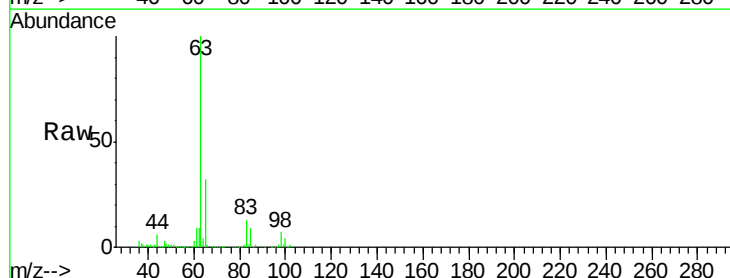
Tgt Ion: 63 Resp: 86248

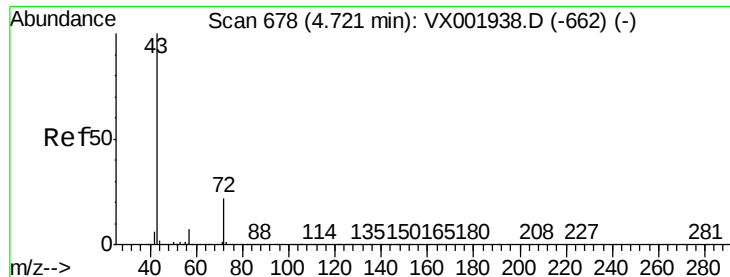
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 123.159 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 43 Resp: 249898

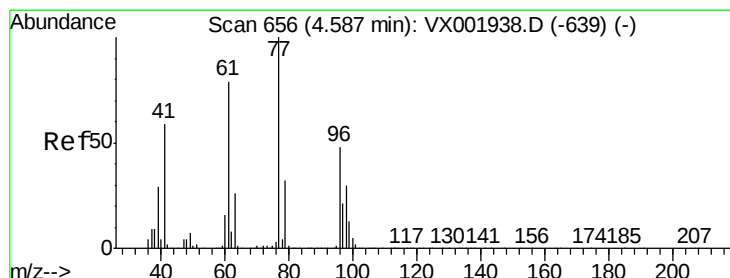
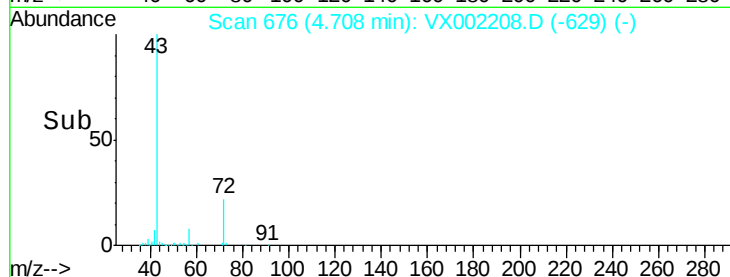
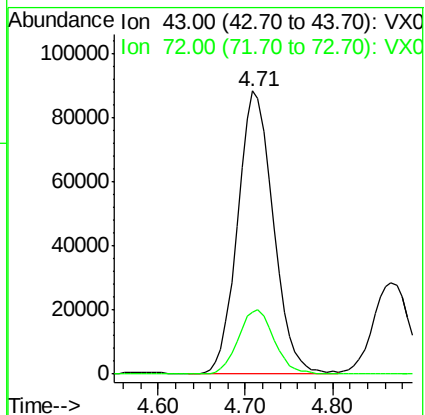
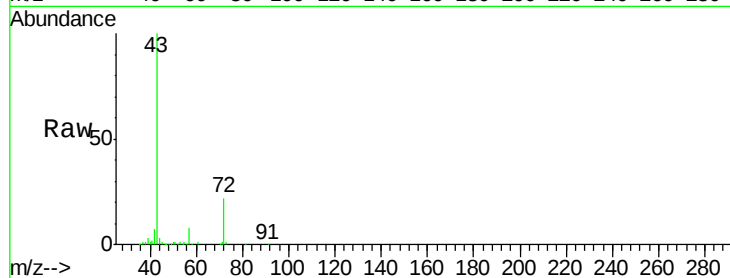
Ion Ratio Lower Upper

43 100

72 22.0 17.9 26.9

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#26

2,2-Dichloropropane

Concen: 16.454 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002208.D

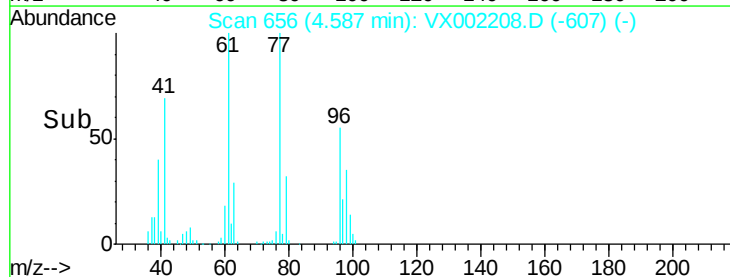
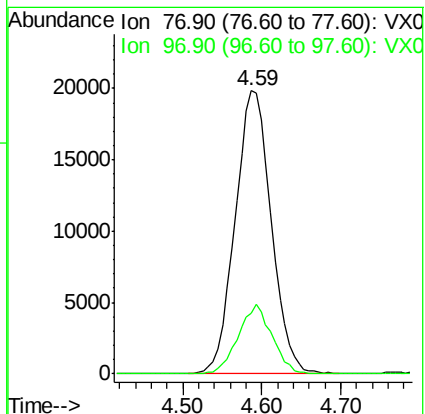
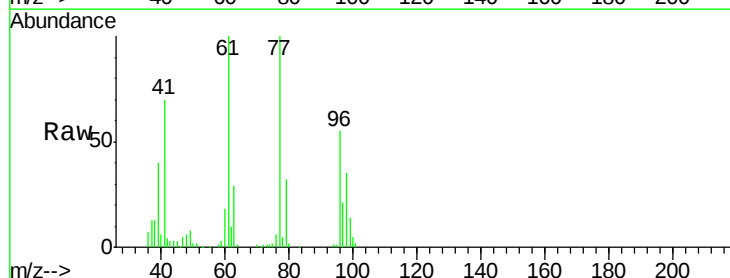
Acq: 01 Jun 2018 09:36

Tgt Ion: 77 Resp: 63183

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

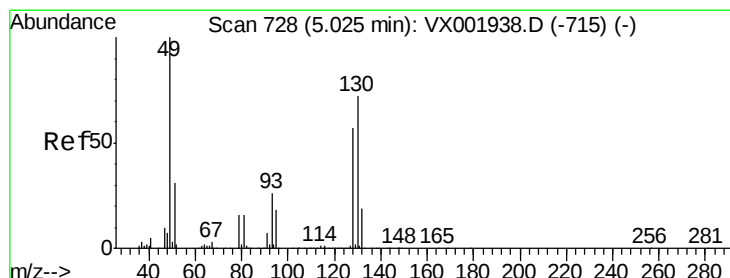
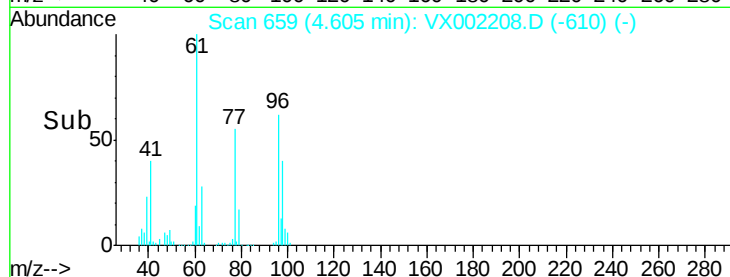
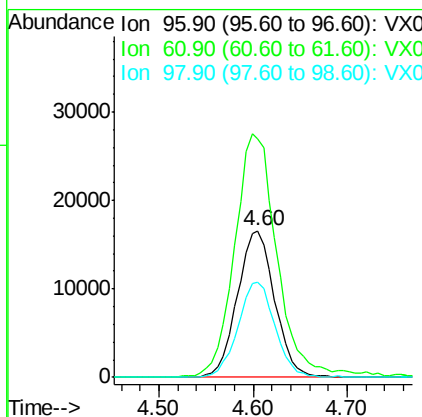
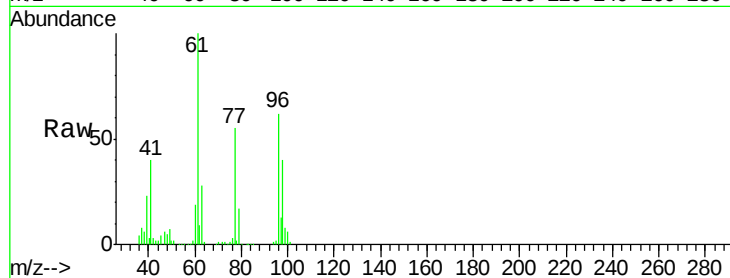
cis-1,2-Dichloroethene
Concen: 18.825 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
96	100		
61	188.7	0.0	348.4
98	64.5	0.0	128.6

Manual Integrations
APPROVED

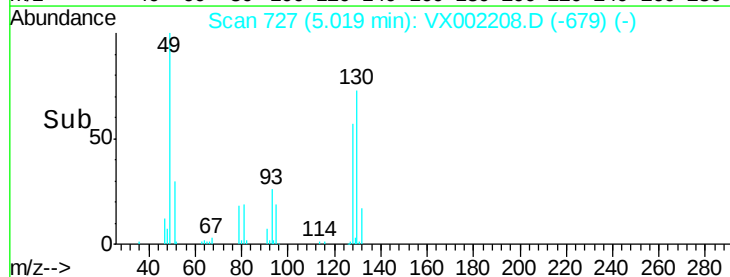
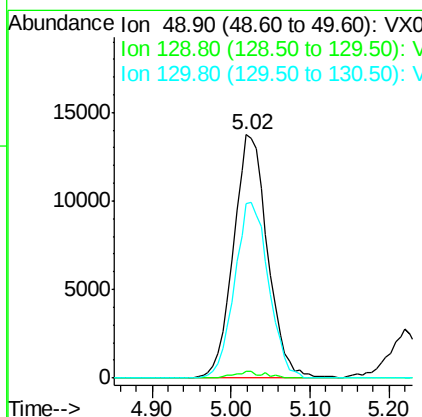
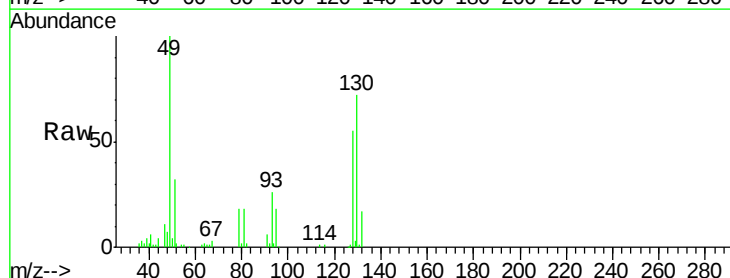
MMDadoda
6/1/2018 6:37:16 PM



#28

Bromochloromethane
Concen: 24.915 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	71.9	59.4	89.2





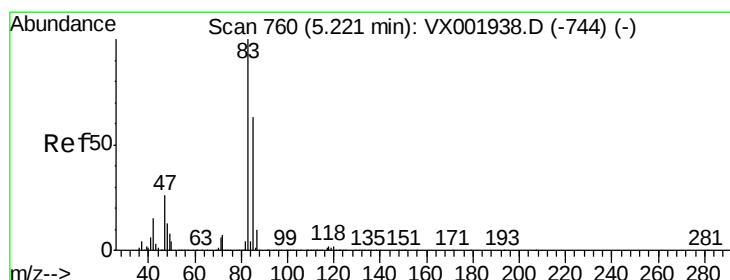
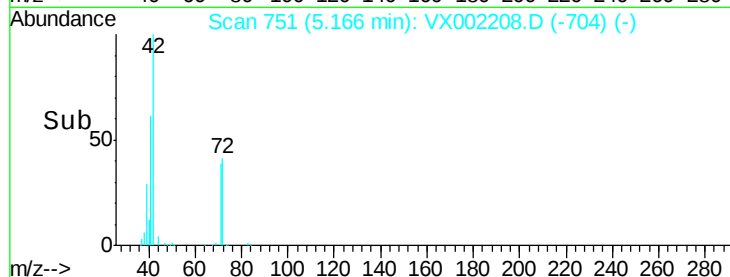
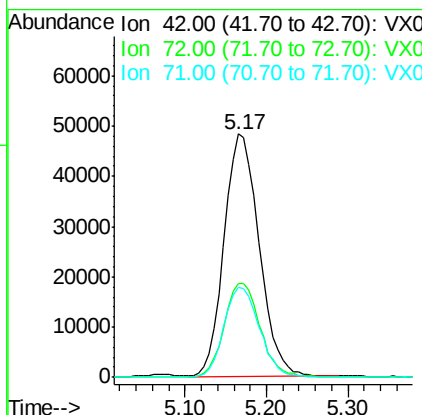
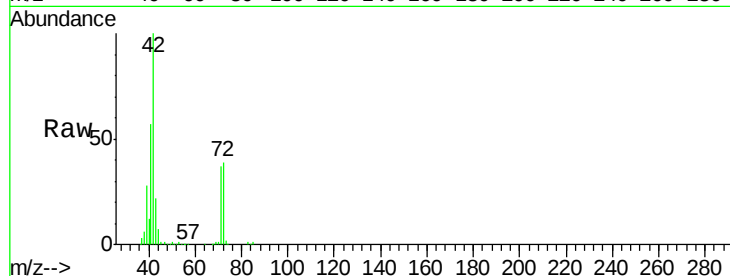
#29
Tetrahydrofuran
Concen: 108.761 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.4	47.0
71	38.0	29.5	44.3

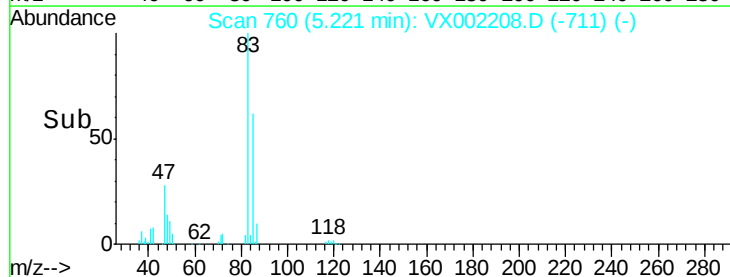
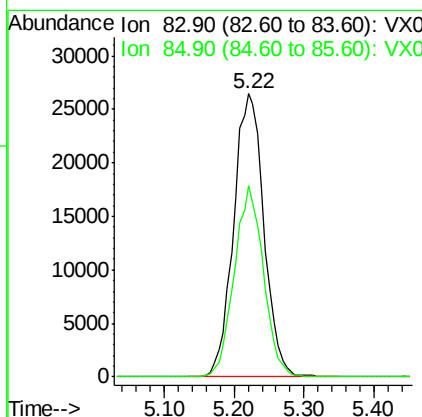
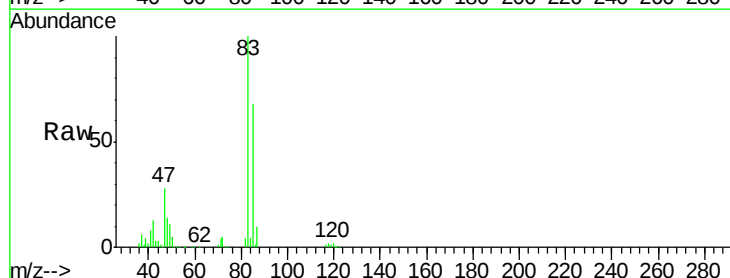
Manual Integrations
APPROVED

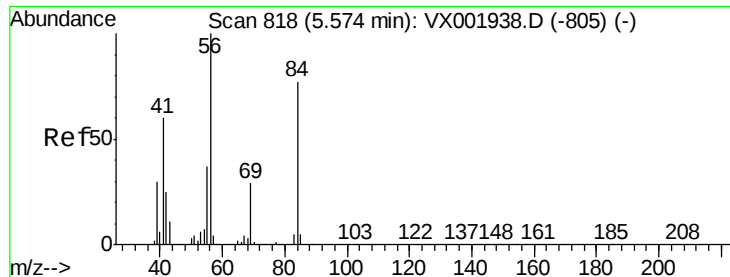
MMDadoda
6/1/2018 6:37:16 PM



#30
Chloroform
Concen: 18.551 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.9	76.3





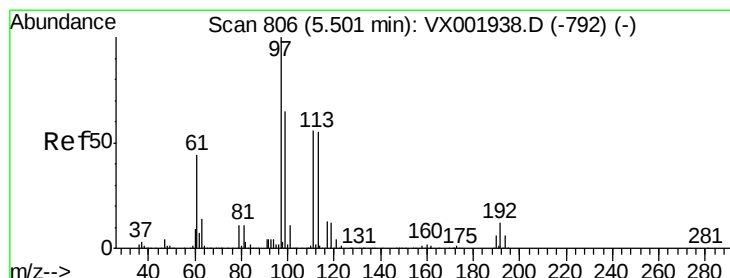
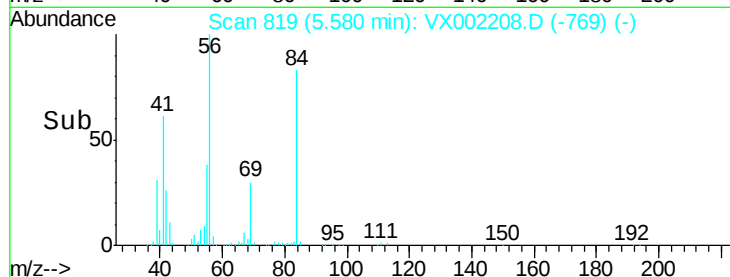
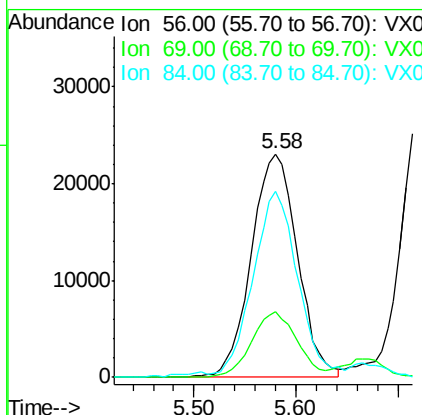
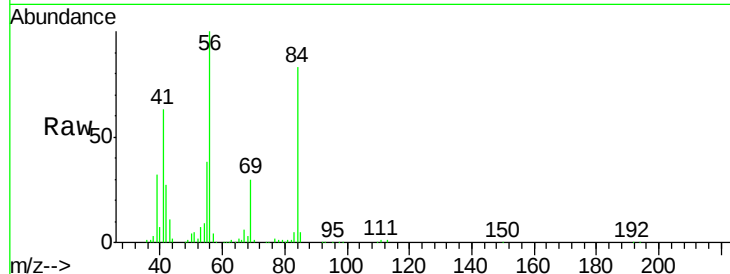
#31
Cyclohexane
Concen: 18.319 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.1	34.7
84	82.0	62.0	93.0

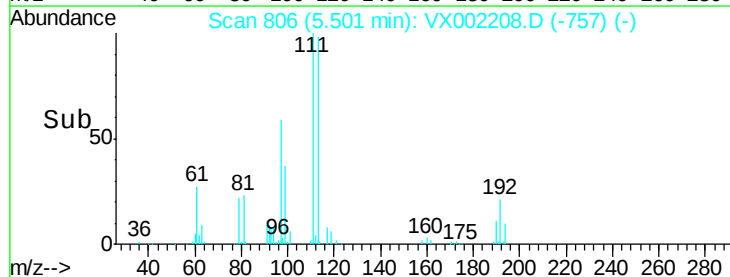
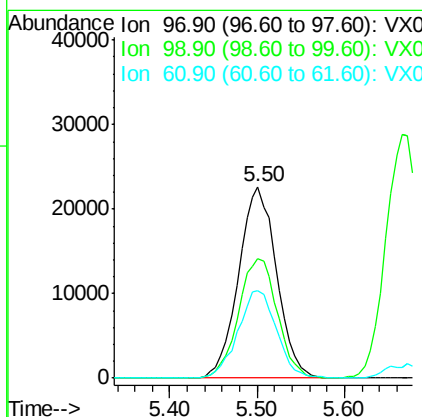
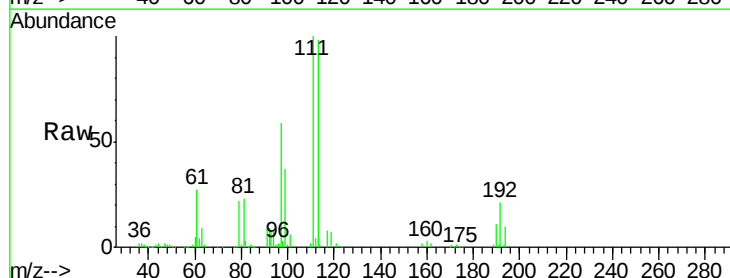
Manual Integrations
APPROVED

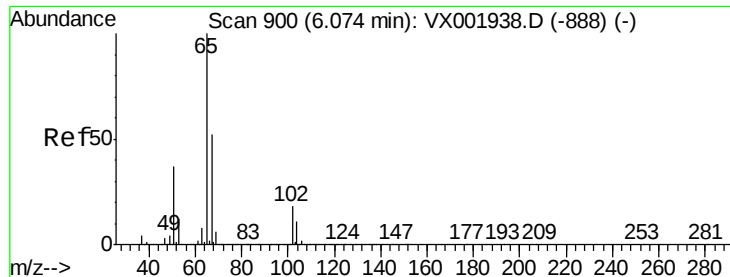
MMDadoda
6/1/2018 6:37:16 PM



#32
1,1,1-Trichloroethane
Concen: 17.175 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	46.6	35.9	53.9





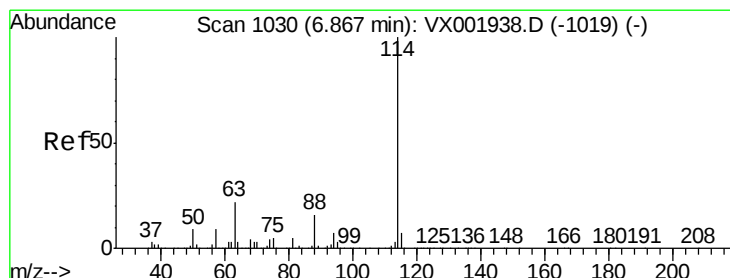
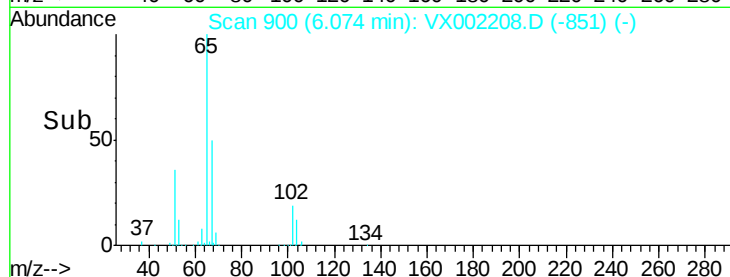
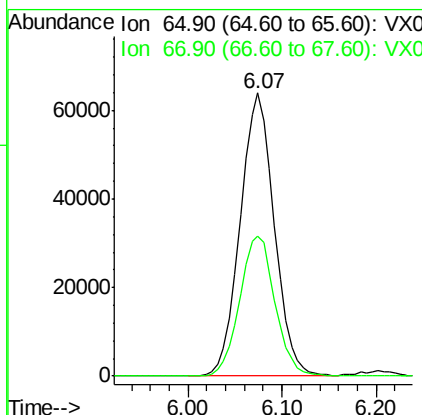
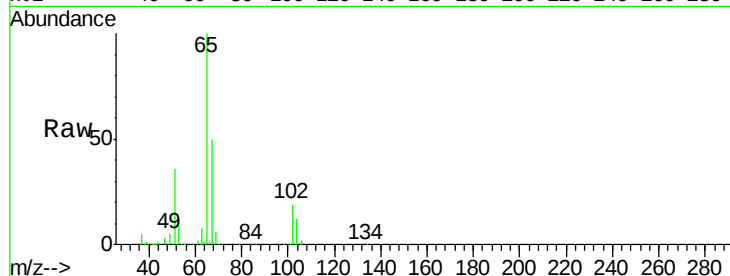
#33
 1,2-Dichloroethane-d4
 Concen: 56.412 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0

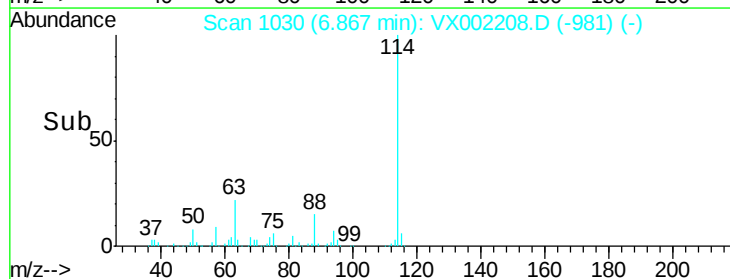
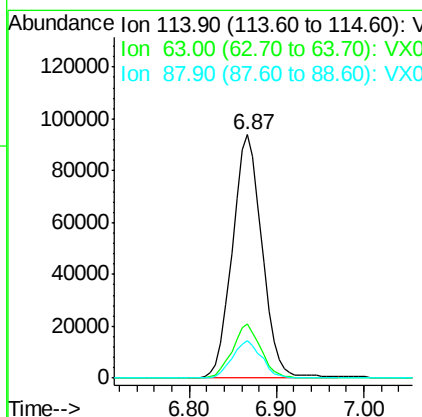
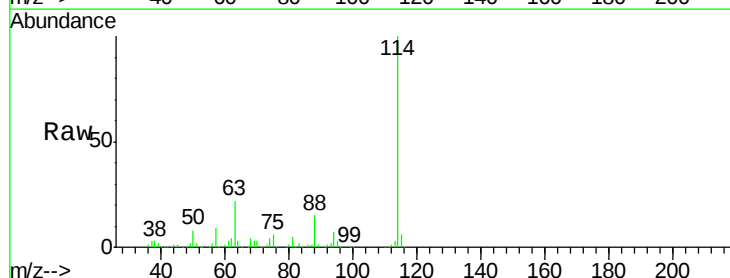
Manual Integrations
 APPROVED

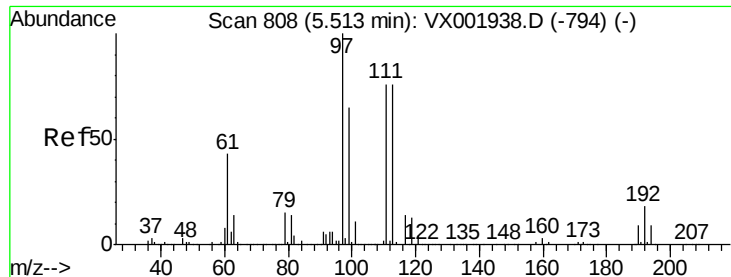
MMDadoda
 6/1/2018 6:37:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.3	0.0	31.6





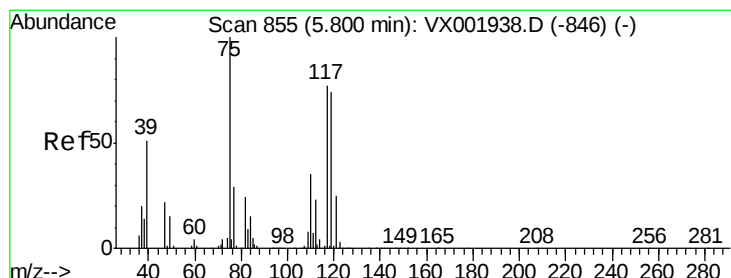
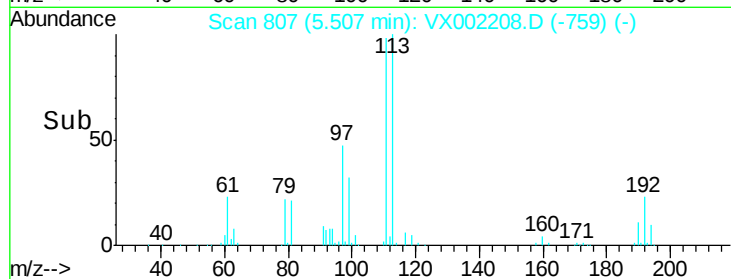
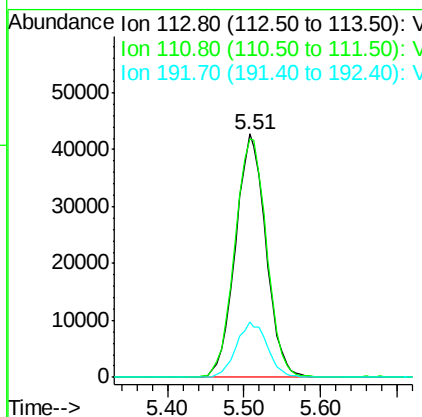
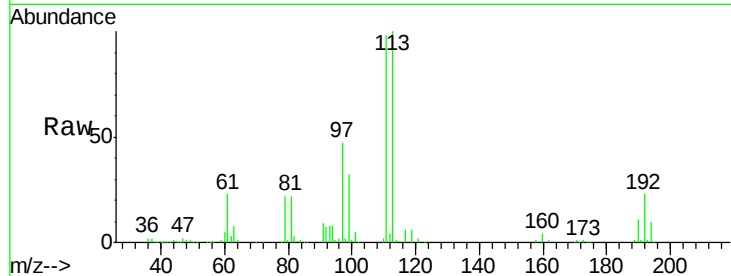
#35
 Dibromofluoromethane
 Concen: 52.915 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117647		
111	102.6	82.0	123.0	
192	23.3	18.9	28.3	

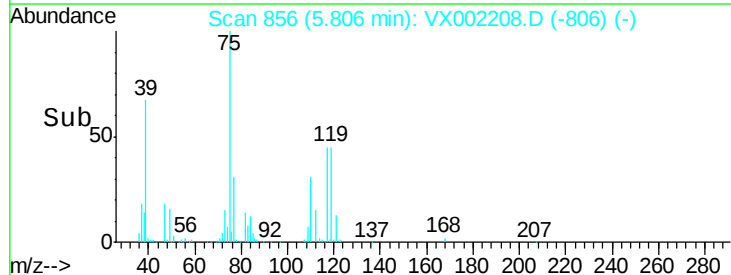
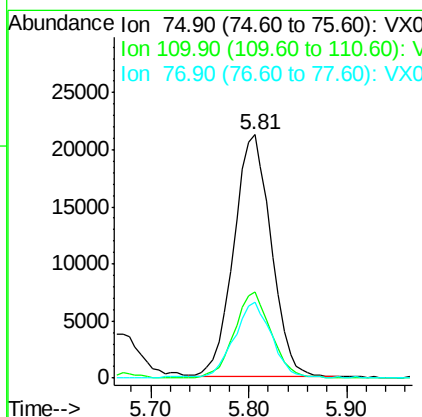
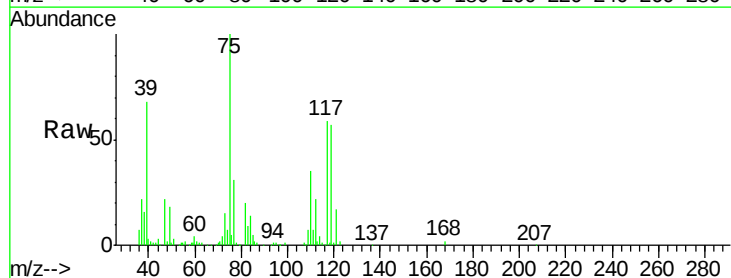
Manual Integrations
 APPROVED

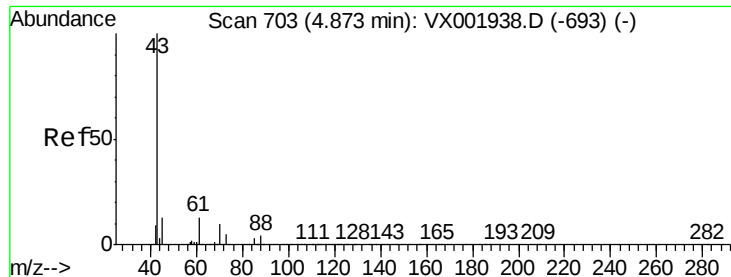
MMDadoda
 6/1/2018 6:37:16 PM



#36
 1,1-Dichloropropene
 Concen: 18.286 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56549		
110	34.6	17.4	52.2	
77	30.7	24.4	36.6	





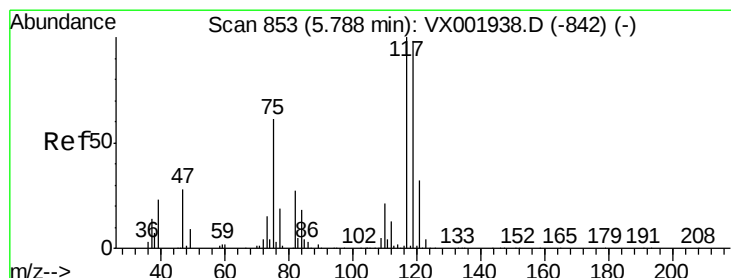
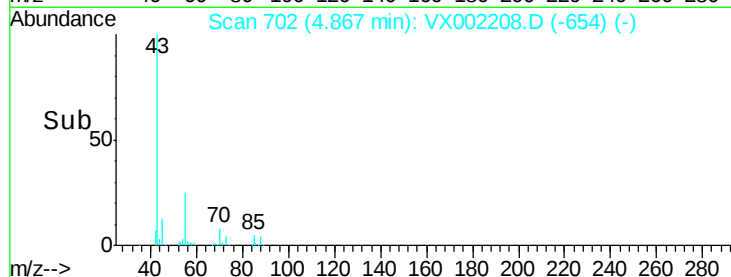
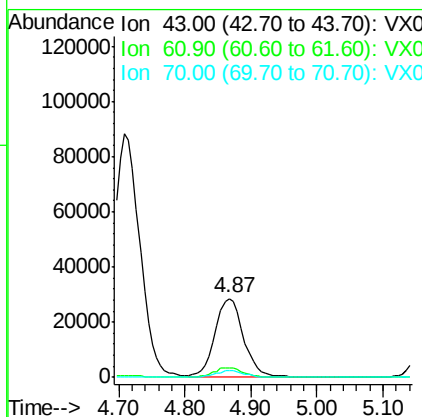
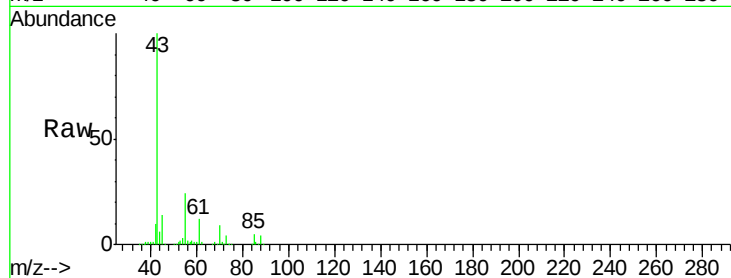
#37
Ethyl Acetate
Concen: 21.028 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.2	15.2
70	8.9	7.8	11.8

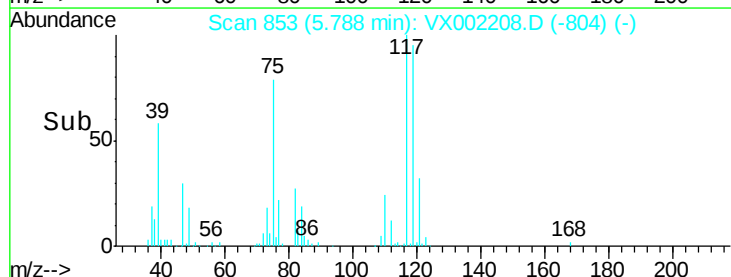
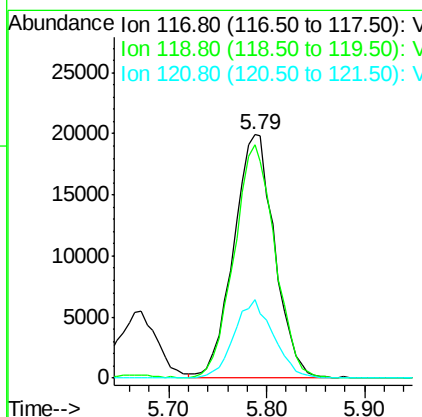
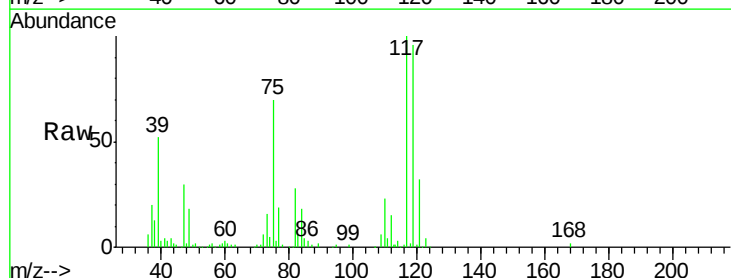
Manual Integrations
APPROVED

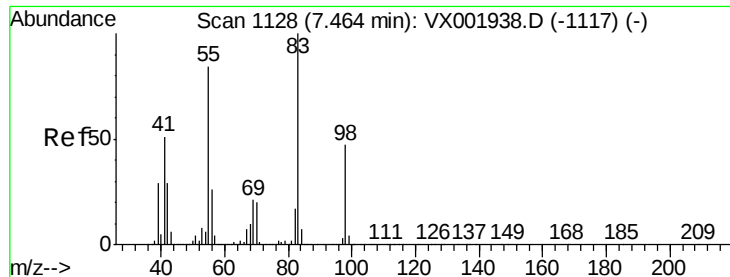
MMDadoda
6/1/2018 6:37:16 PM



#38
Carbon Tetrachloride
Concen: 15.950 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.5	117.7
121	32.5	25.5	38.3





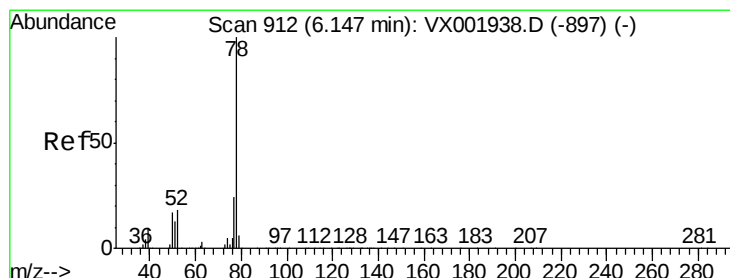
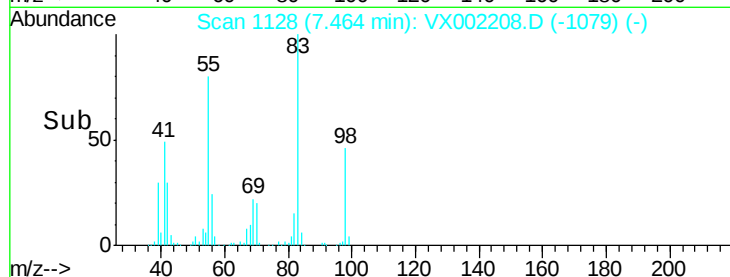
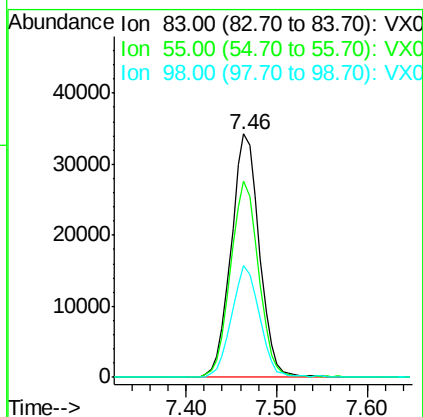
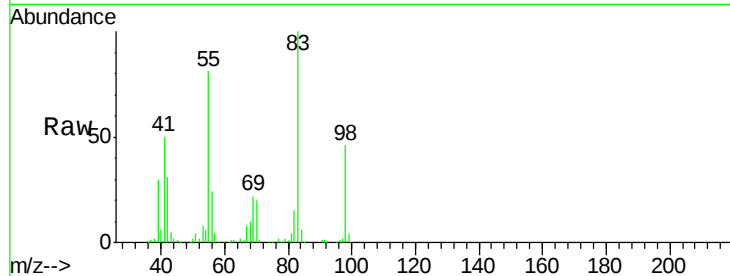
#39
Methvlcvclohexane
Concen: 19.586 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	67.3	100.9
98	46.1	37.5	56.3

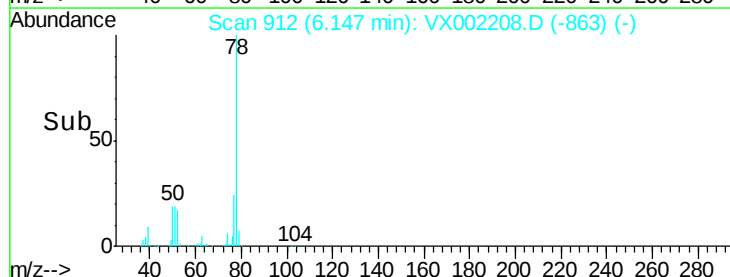
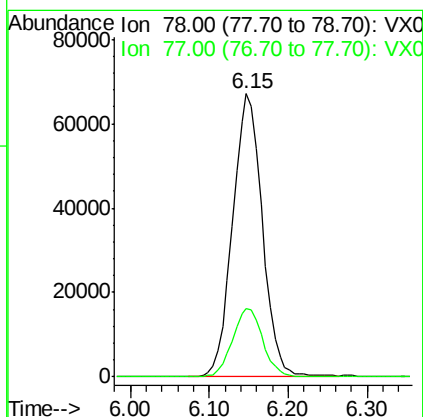
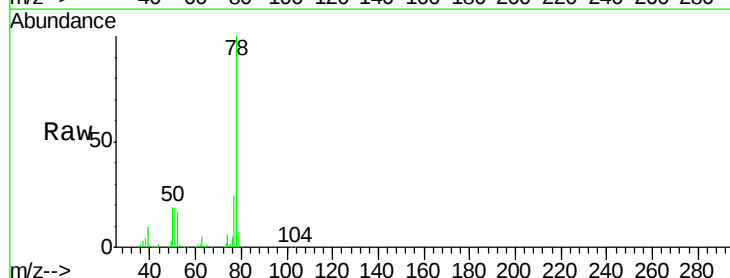
Manual Integrations
APPROVED

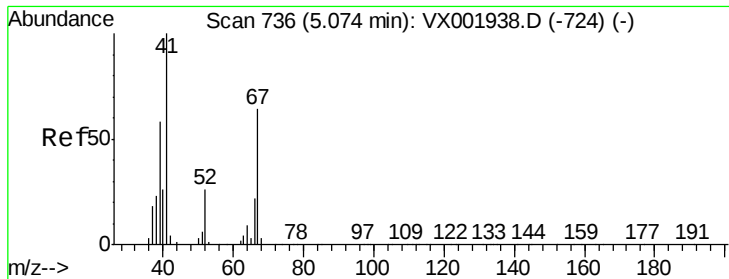
MMDadoda
6/1/2018 6:37:16 PM



#40
Benzene
Concen: 19.462 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





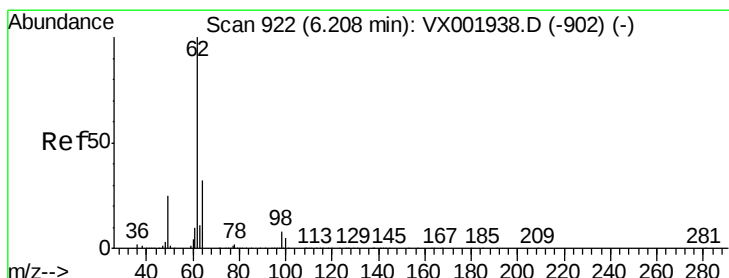
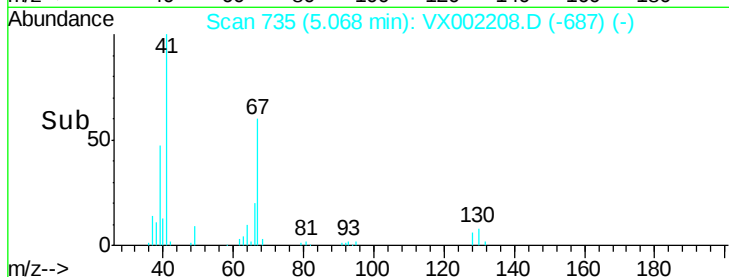
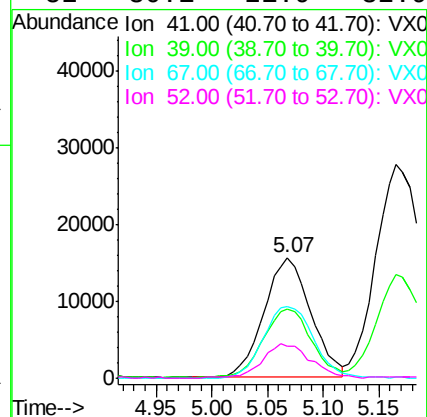
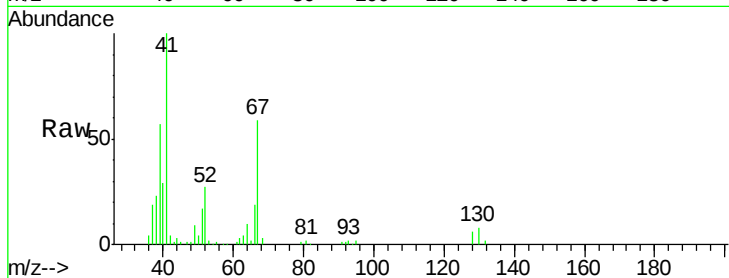
#41
Methacrylonitrile
Concen: 20.668 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion:	41	Resp:	45673
Ion	Ratio	Lower	Upper
41	100		
39	59.0	46.0	69.0
67	64.2	50.6	75.8
52	30.1	21.9	32.9

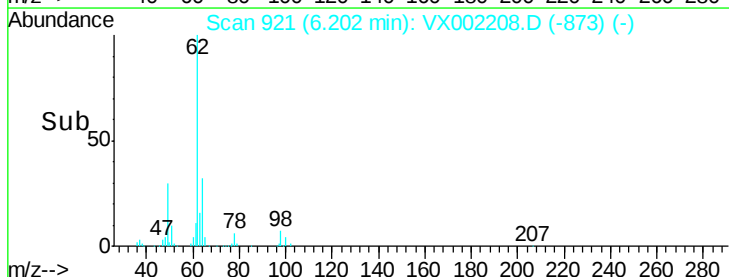
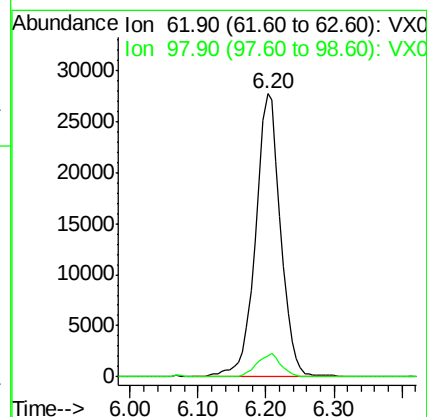
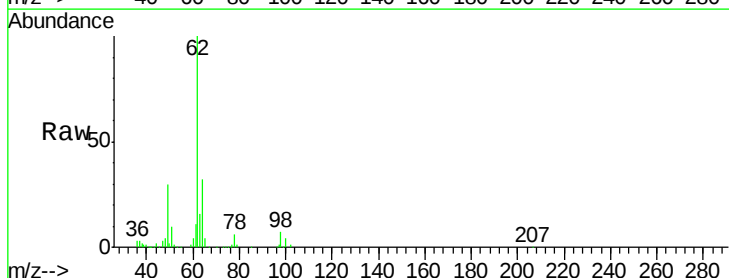
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#42
1,2-Dichloroethane
Concen: 19.682 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion:	62	Resp:	71232
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0





#43

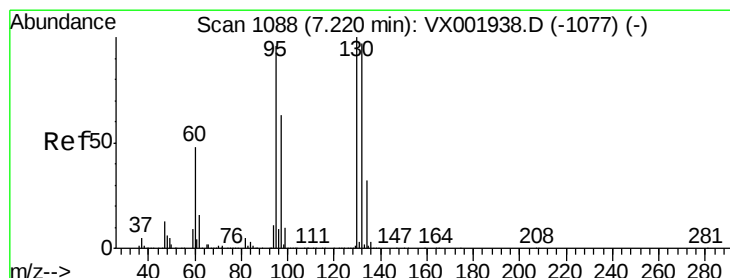
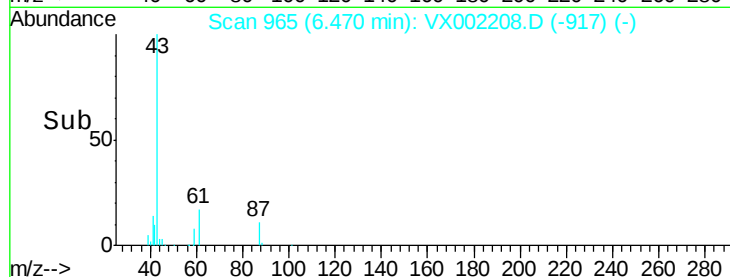
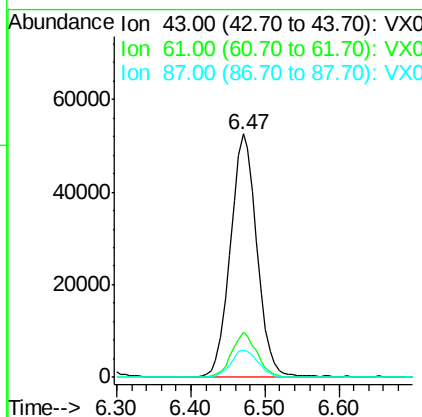
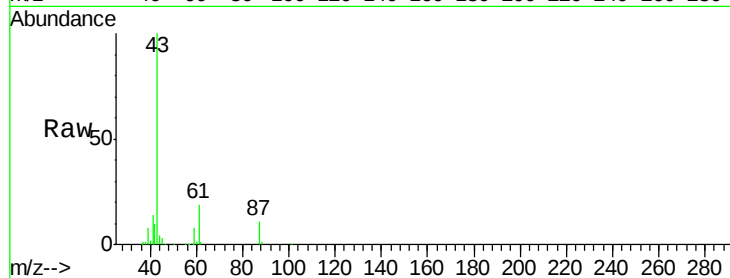
Isopropyl Acetate
 Concen: 19.358 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.5	21.7
87	11.7	9.5	14.3

Manual Integrations
 APPROVED

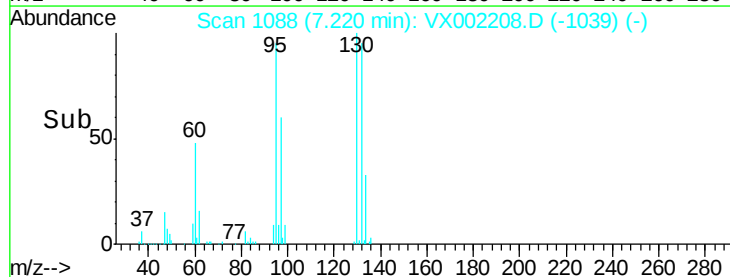
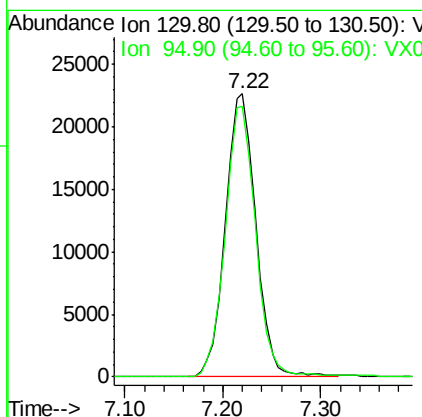
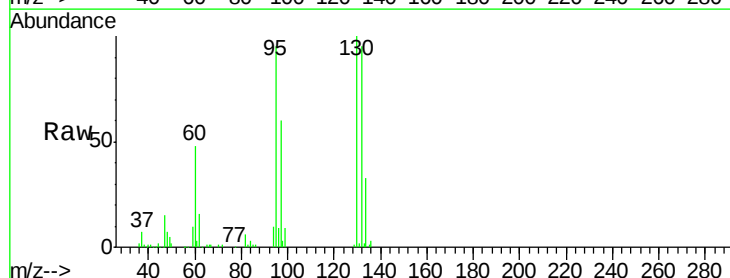
MMDadoda
 6/1/2018 6:37:16 PM

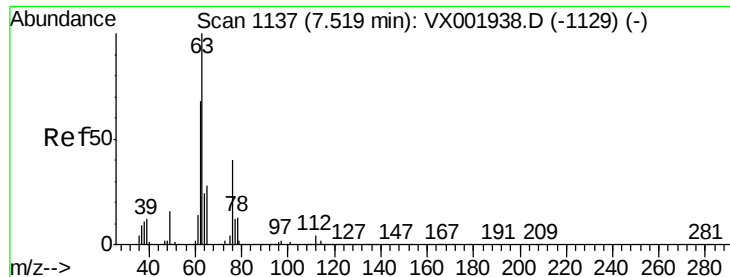


#44

Trichloroethene
 Concen: 18.579 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.525 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 63 Resp: 48040

Ion Ratio Lower Upper

63 100

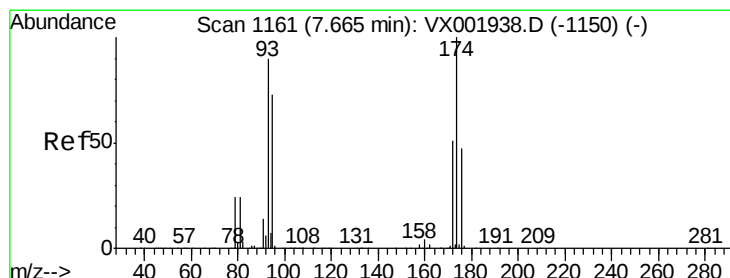
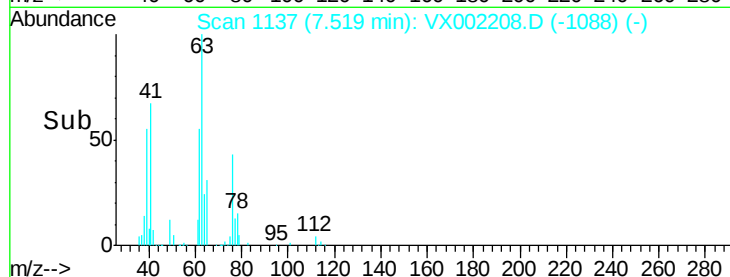
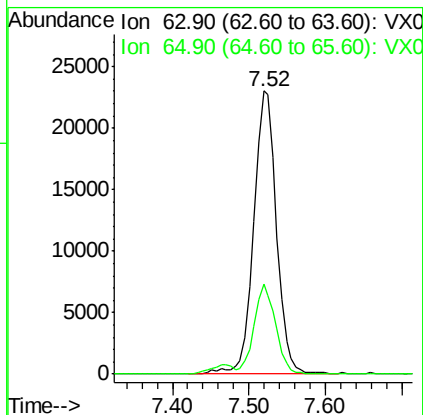
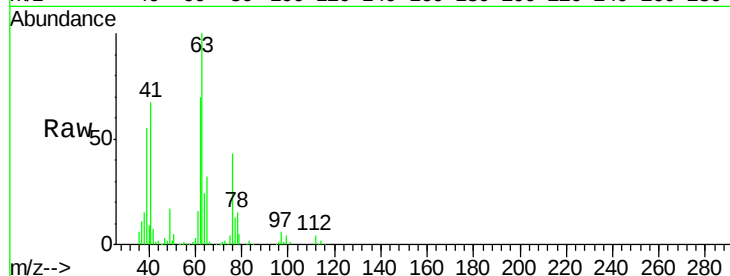
65 31.6 24.1 36.1

Manual Integrations

APPROVED

MMDadoda

6/1/2018 6:37:16 PM



#46

Dibromomethane

Concen: 19.281 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

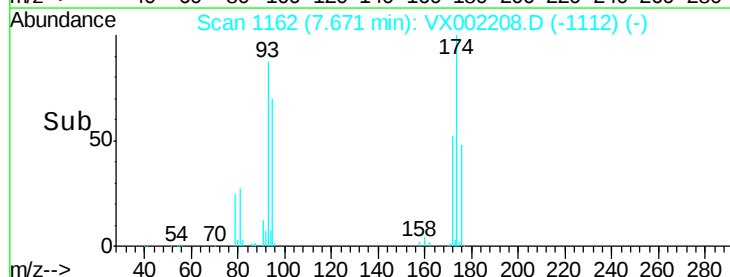
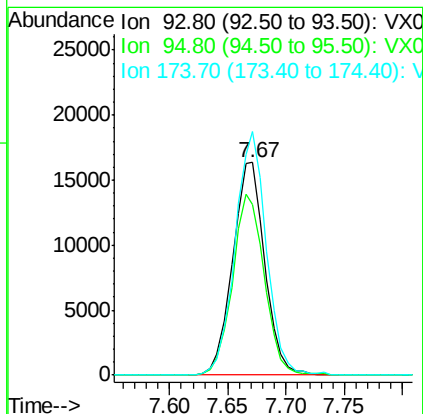
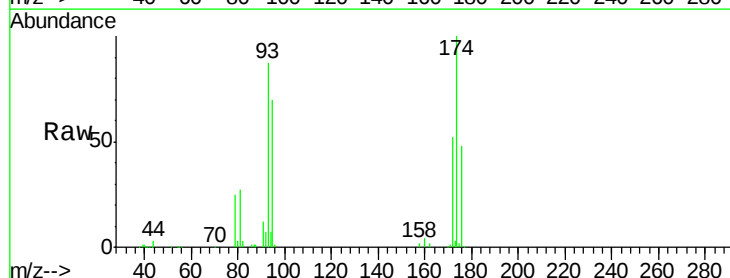
Tgt Ion: 93 Resp: 31409

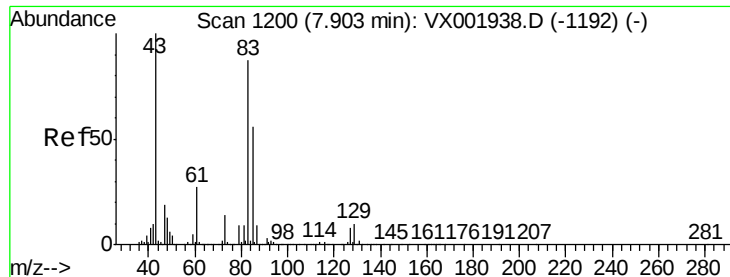
Ion Ratio Lower Upper

93 100

95 84.5 66.1 99.1

174 111.5 92.5 138.7





#47

Bromodichloromethane

Concen: 16.030 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

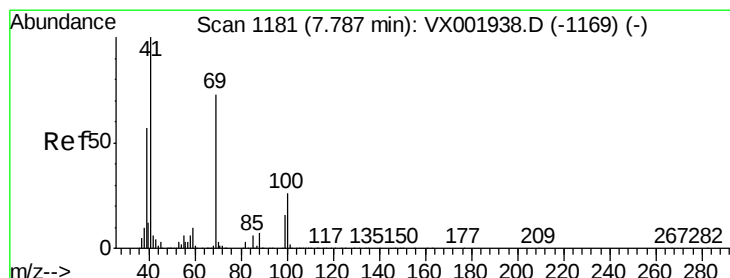
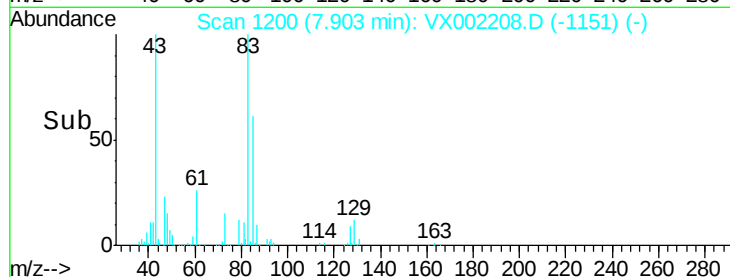
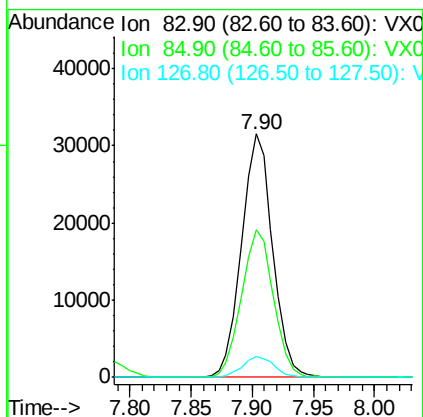
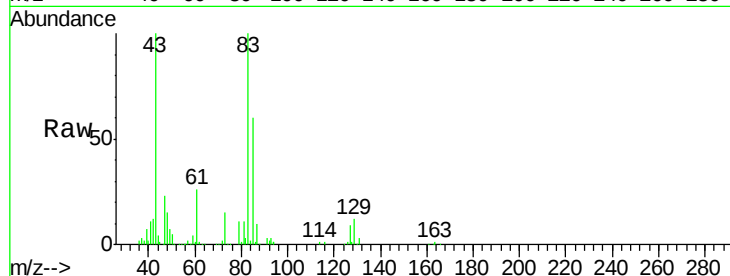
ClientSampleId :

VX0531WBS05

Tot Ion:	83	Resp:	55680
Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.4	77.2
127	8.8	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#48

Methyl methacrylate

Concen: 19.490 ug/l

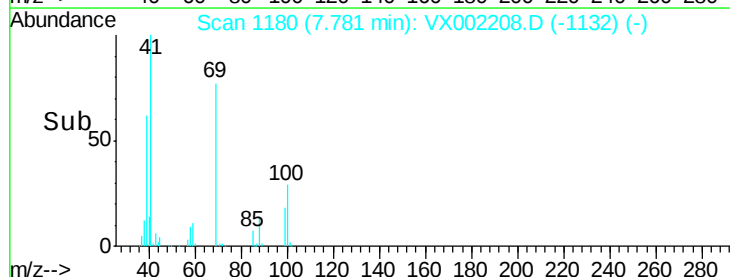
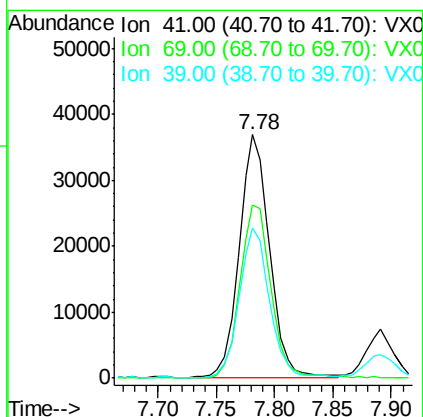
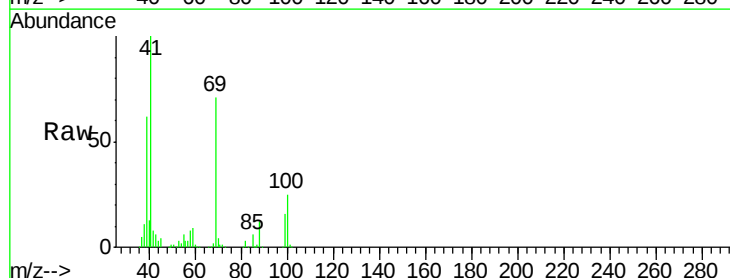
RT: 7.78 min Scan# 1180

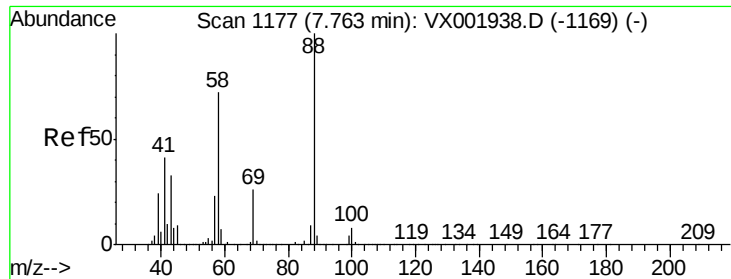
Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Tgt Ion:	41	Resp:	66637
Ion	Ratio	Lower	Upper
41	100		
69	74.2	58.6	87.8
39	61.0	46.3	69.5





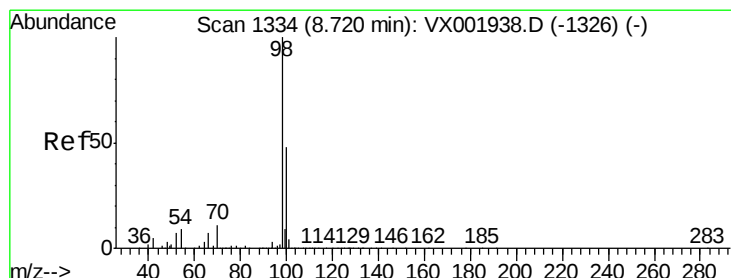
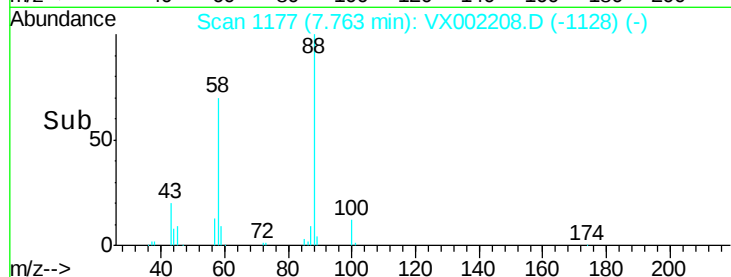
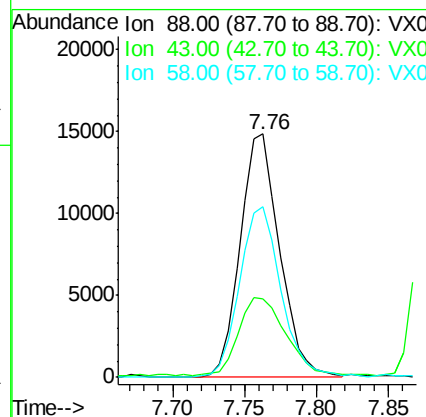
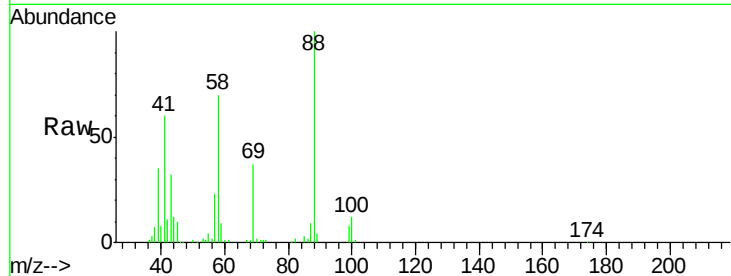
#49
1,4-Dioxane
Concen: 468.708 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	29.8	44.8
58	74.4	58.7	88.1

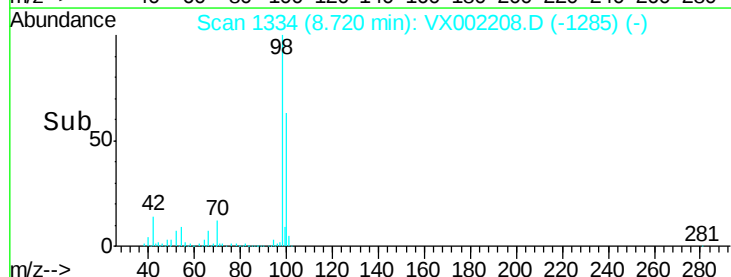
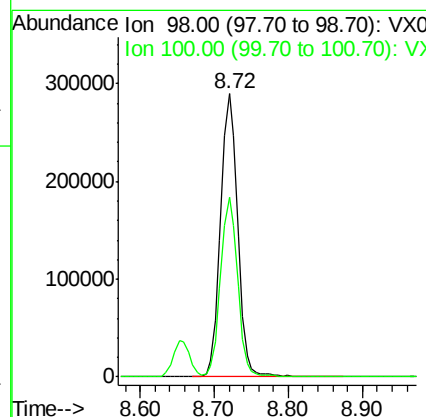
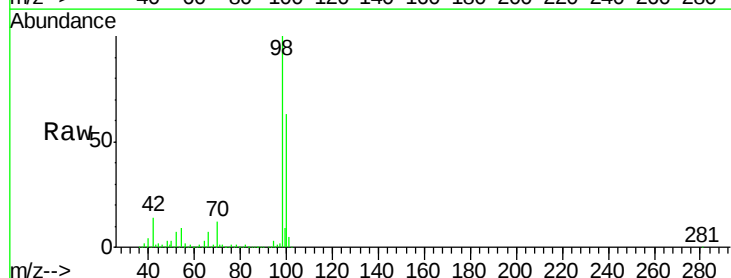
Manual Integrations
APPROVED

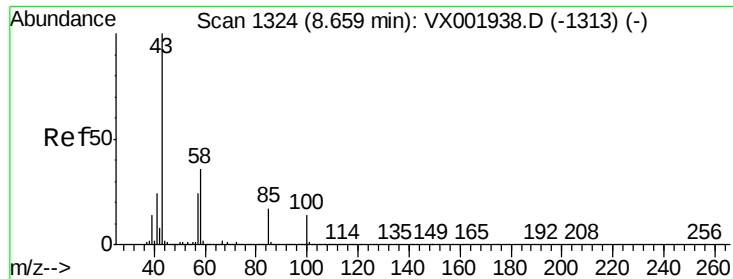
MMDadoda
6/1/2018 6:37:16 PM



#50
Toluene-d8
Concen: 57.162 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 111.712 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 43 Resp: 452390

Ion Ratio Lower Upper

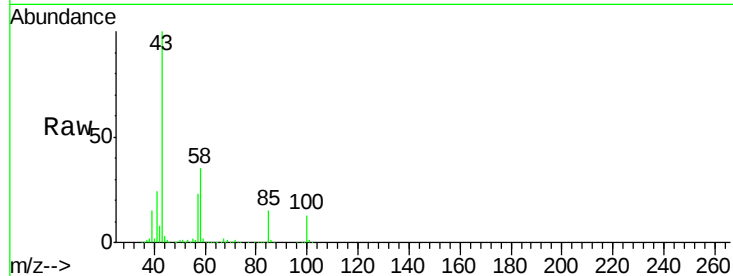
43 100

58 35.0 28.5 42.7

Manual Integrations
APPROVED

MMDadoda

6/1/2018 6:37:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

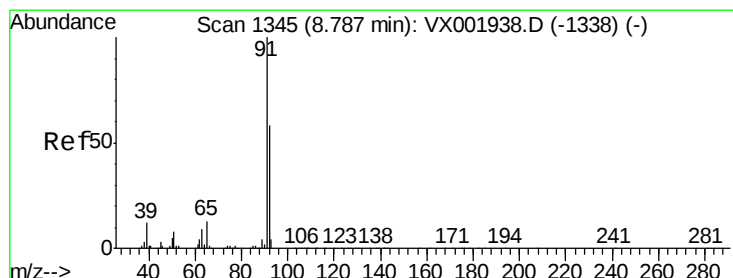
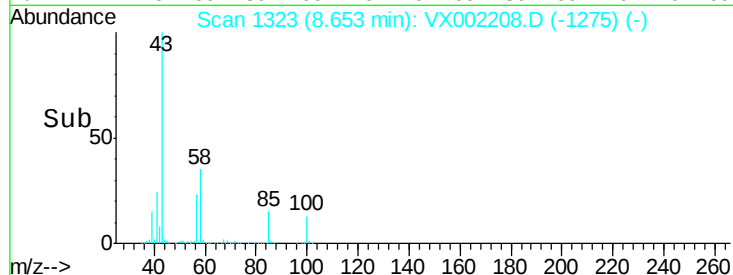
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.508 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002208.D

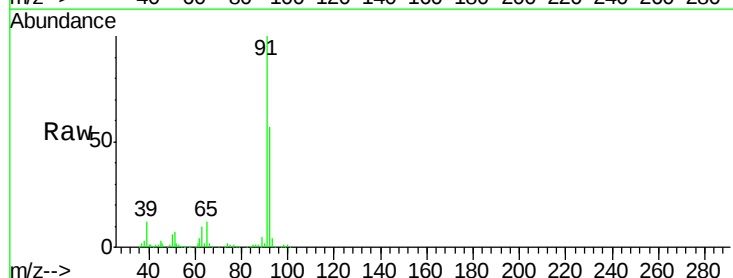
Acq: 01 Jun 2018 09:36

Tgt Ion: 92 Resp: 112481

Ion Ratio Lower Upper

92 100

91 175.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

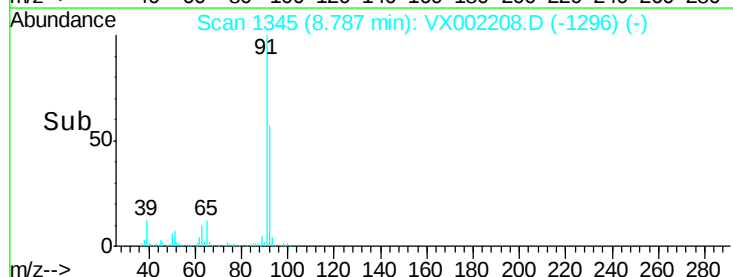
8.79

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.662 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 75 Resp: 66658

Ion Ratio Lower Upper

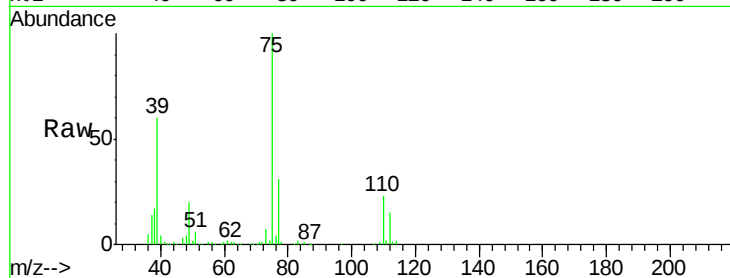
75 100

77 31.0 25.5 38.3

Manual Integrations
APPROVED

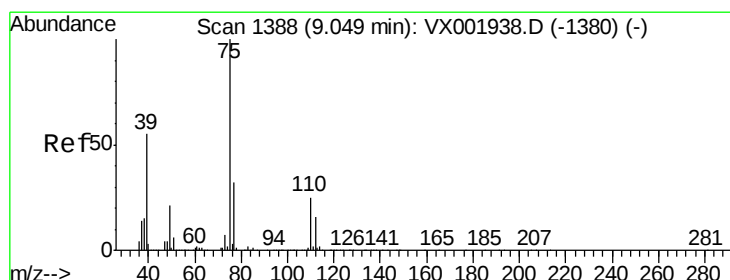
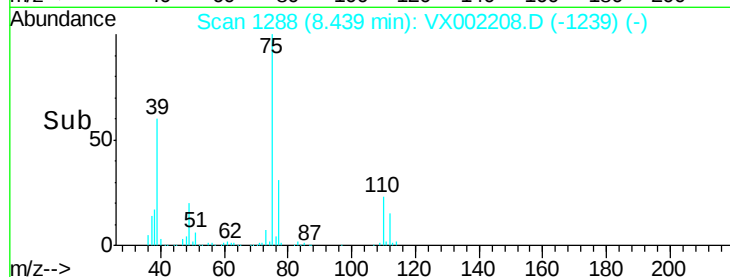
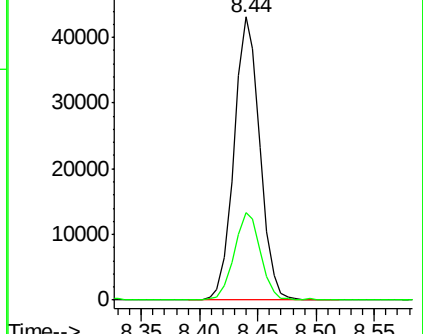
MMDadoda

6/1/2018 6:37:16 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 15.373 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

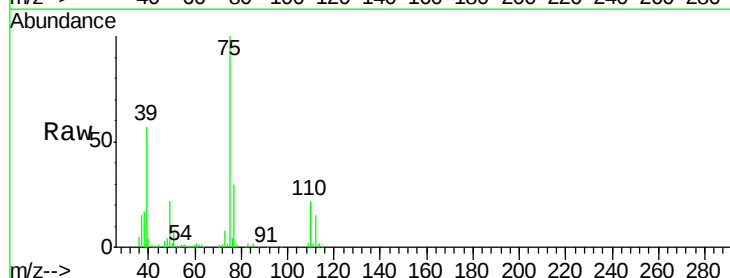
Tgt Ion: 75 Resp: 59928

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

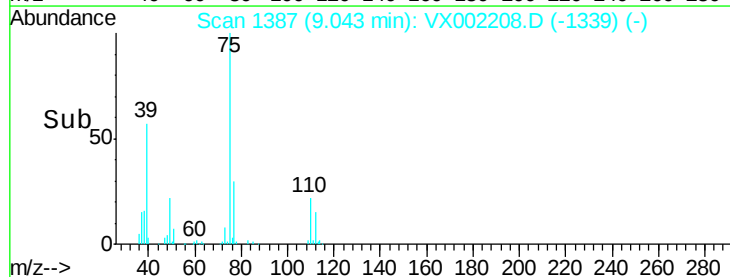
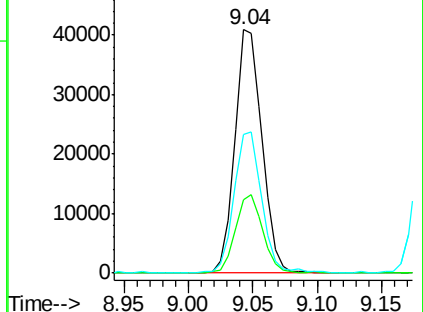
39 56.7 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





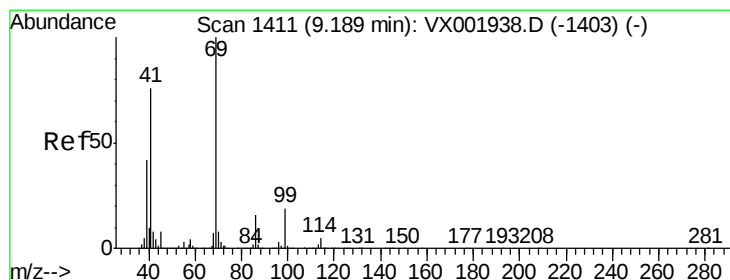
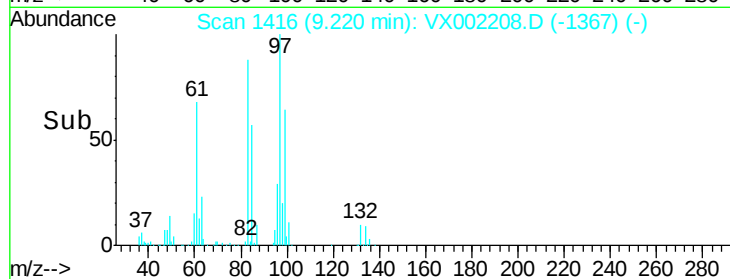
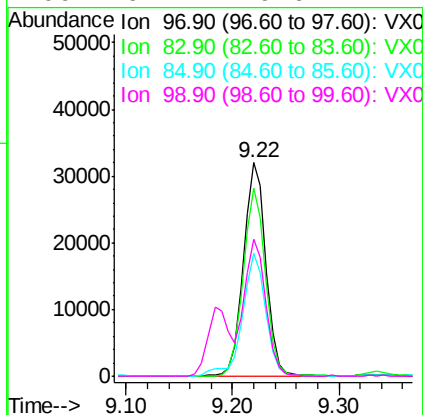
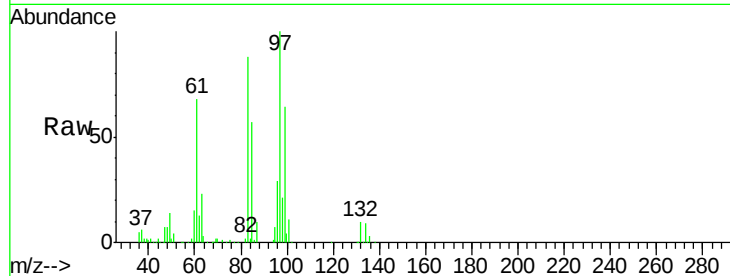
#55
 1,1,2-Trichloroethane
 Concen: 19.680 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Tot Ion:	97	Resp:	47403
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.1	103.7
85	57.3	45.2	67.8
99	64.1	49.6	74.4

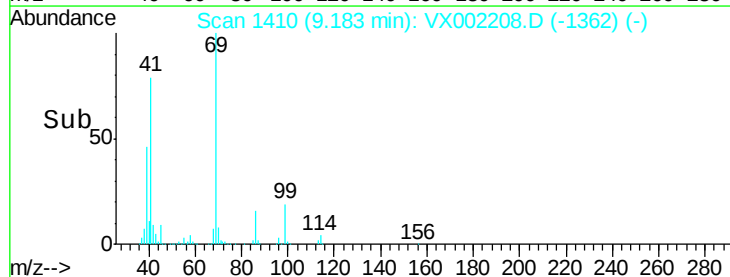
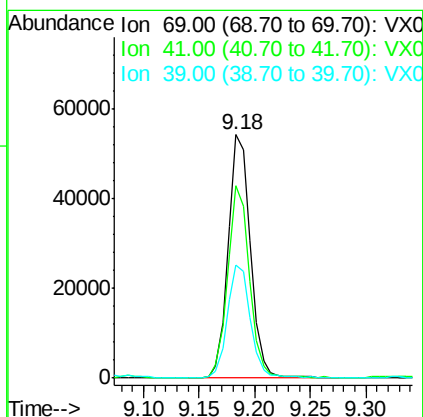
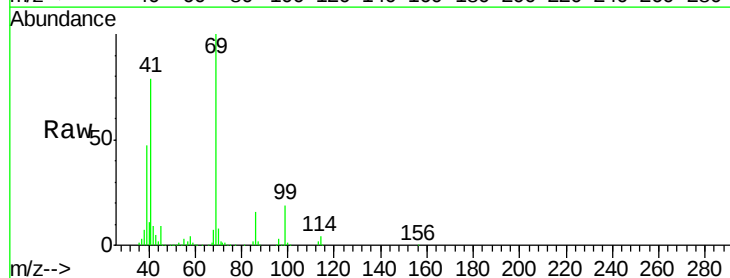
Manual Integrations
 APPROVED

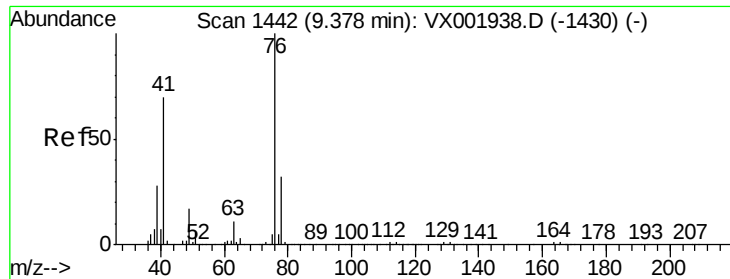
MMDadoda
 6/1/2018 6:37:16 PM



#56
 Ethyl methacrylate
 Concen: 18.163 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion:	69	Resp:	75252
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.0	91.6
39	47.4	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.099 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 76 Resp: 79756

Ion Ratio Lower Upper

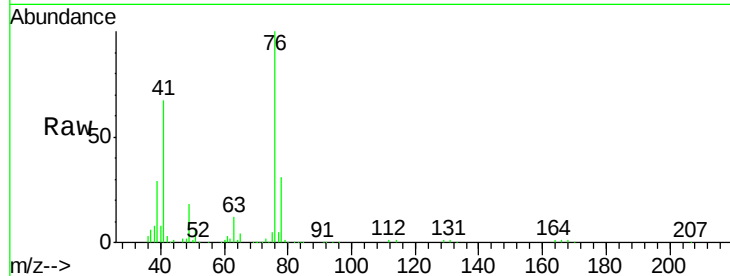
76 100

78 31.9 25.6 38.4

Manual Integrations
APPROVED

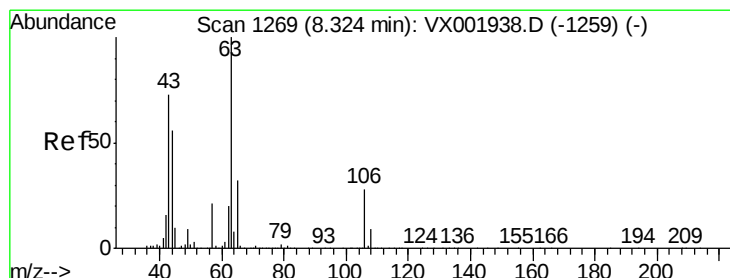
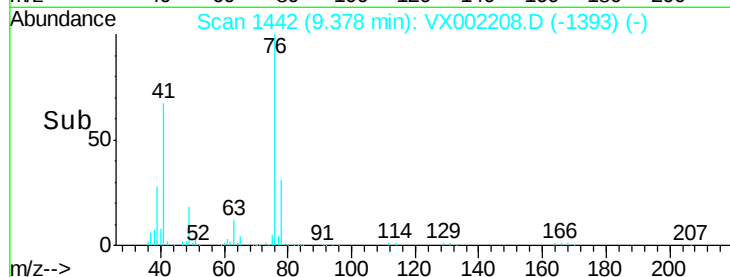
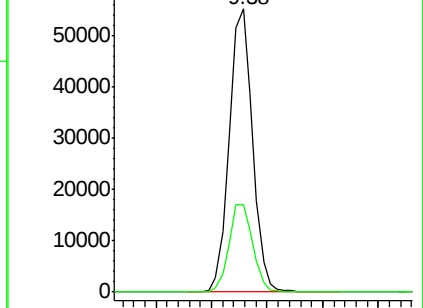
MMDadoda

6/1/2018 6:37:16 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.540 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002208.D

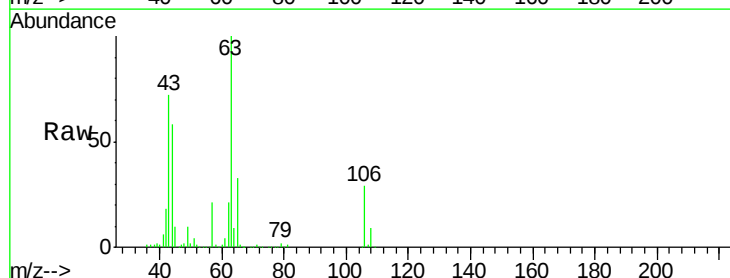
Acq: 01 Jun 2018 09:36

Tgt Ion: 63 Resp: 175443

Ion Ratio Lower Upper

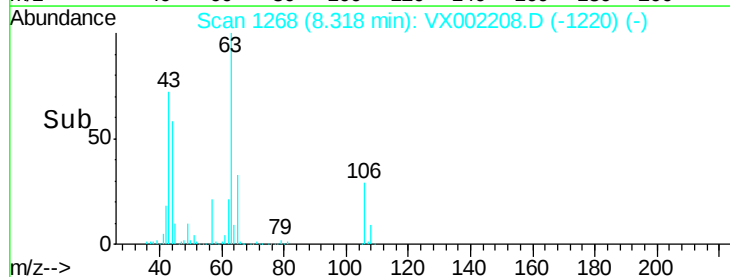
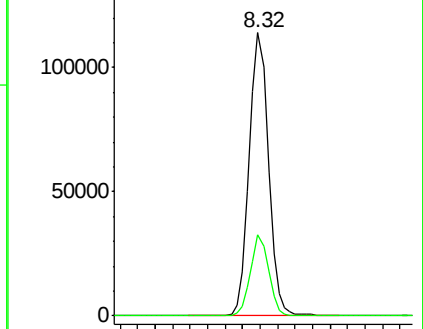
63 100

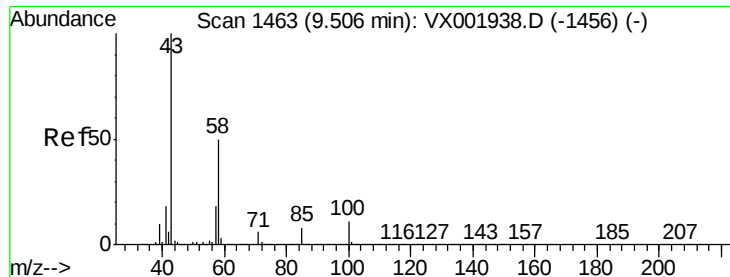
106 27.2 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





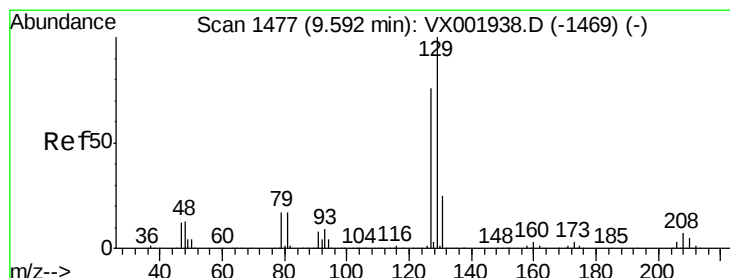
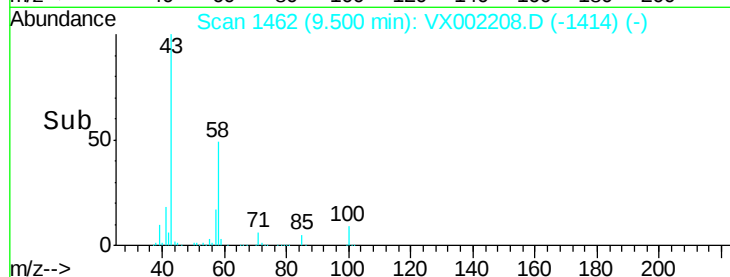
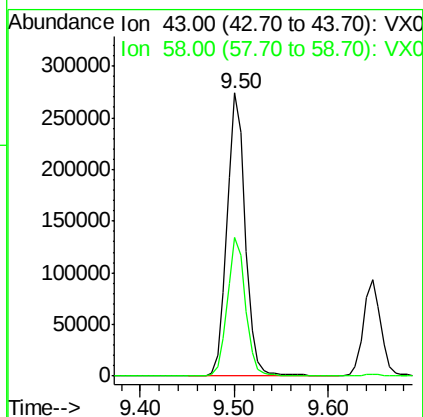
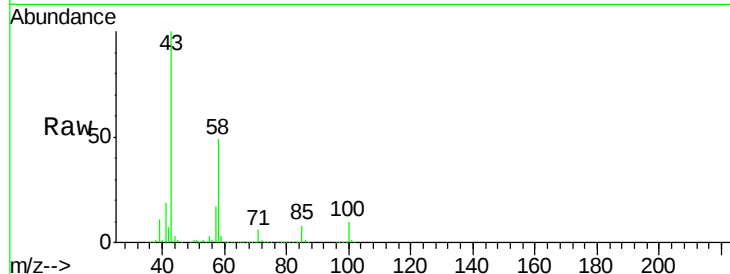
#59
2-Hexanone
Concen: 117.852 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion: 43 Resp: 367995
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6

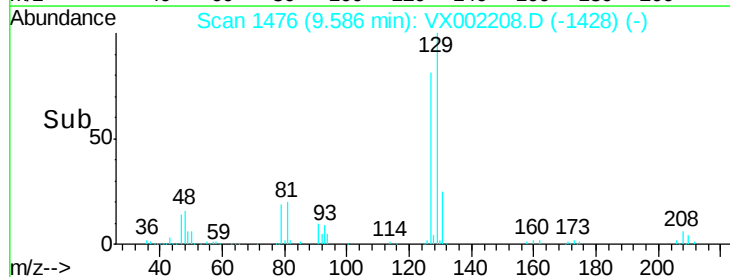
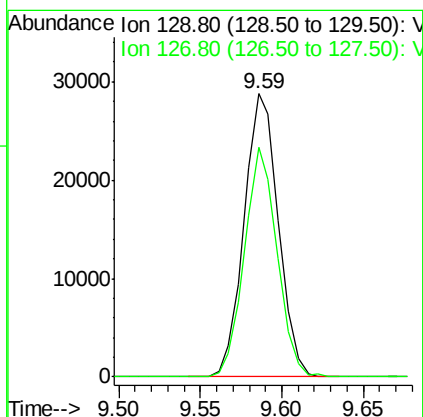
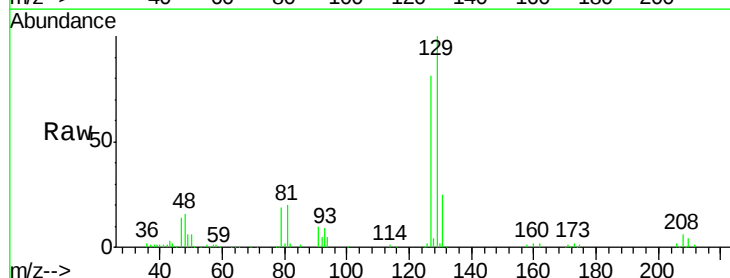
Manual Integrations
APPROVED

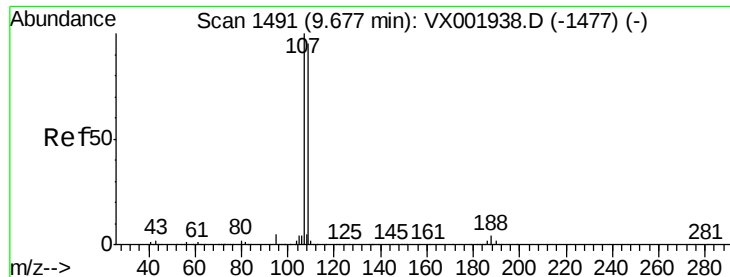
MMDadoda
6/1/2018 6:37:16 PM



#60
Dibromochloromethane
Concen: 14.746 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion: 129 Resp: 42071
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





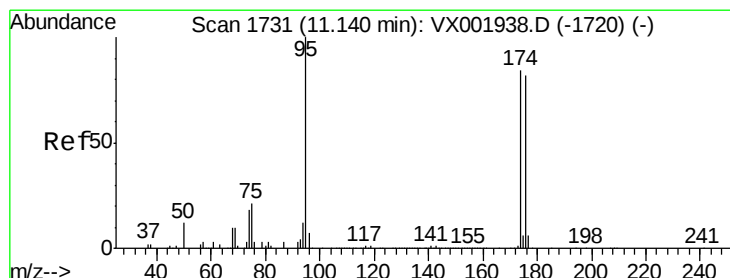
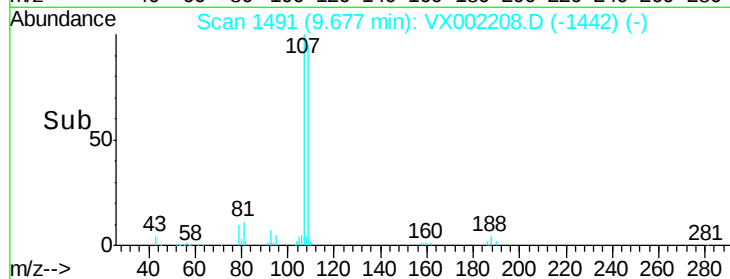
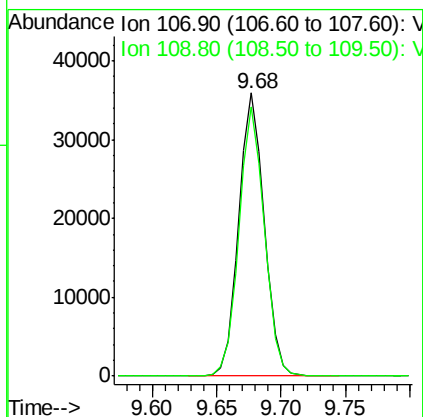
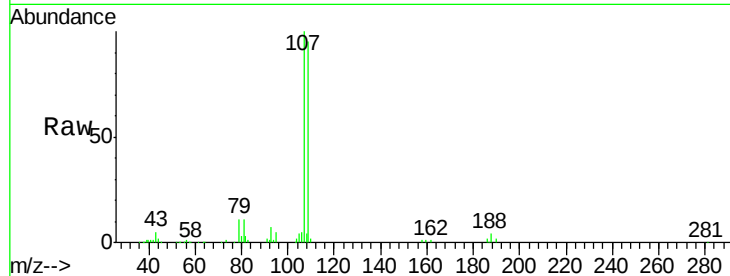
#61
 1,2-Dibromoethane
 Concen: 19.505 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.3	112.9

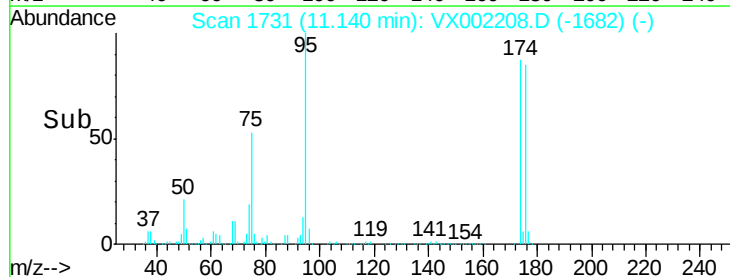
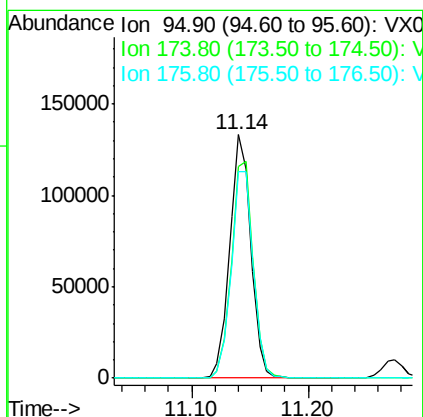
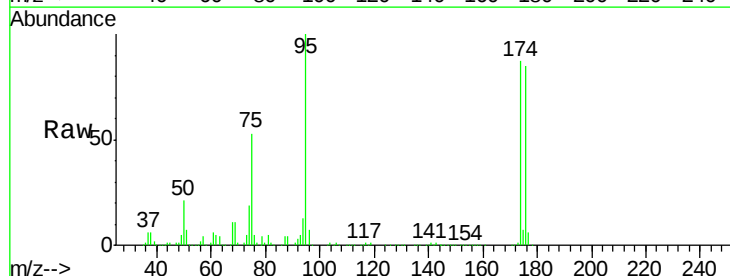
Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:16 PM



#62
 4-Bromofluorobenzene
 Concen: 53.431 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	178.8
176	89.3	0.0	175.6





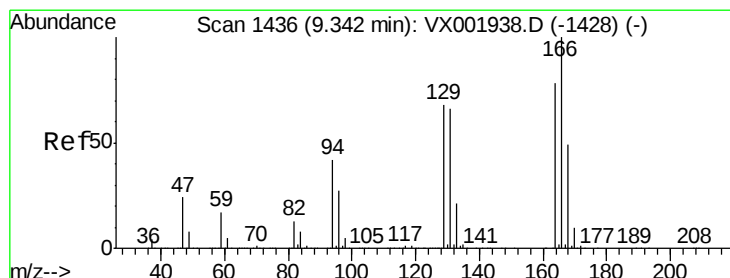
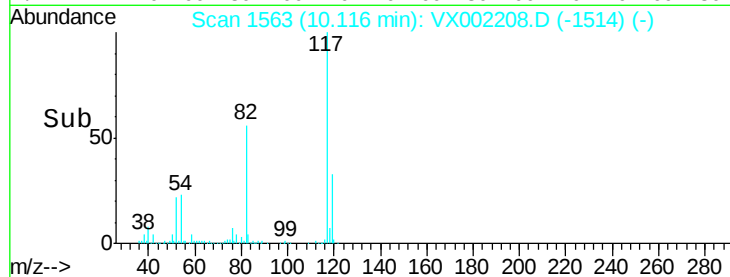
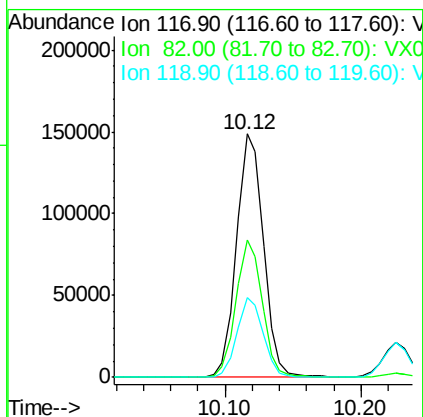
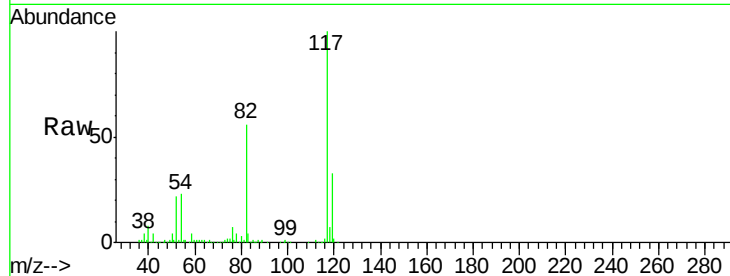
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.8	25.5	38.3

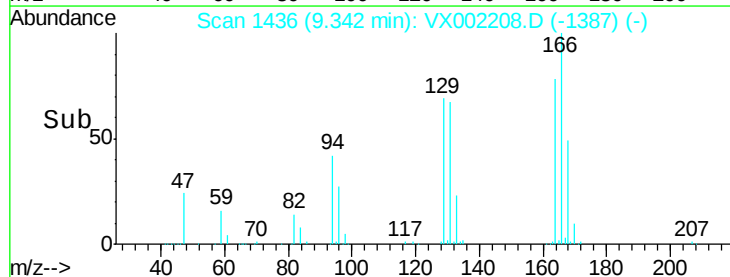
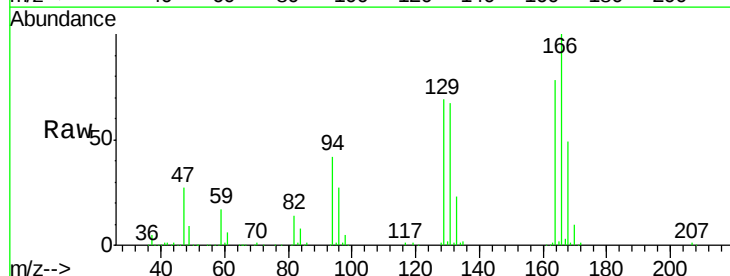
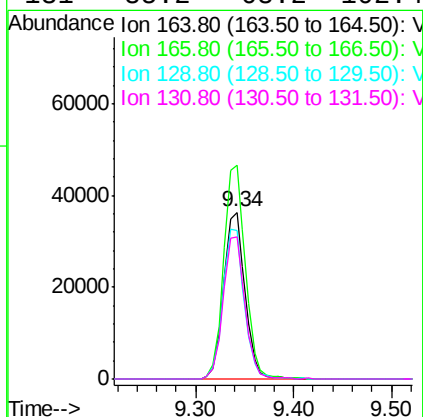
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#64
Tetrachloroethene
Concen: 18.763 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.7	154.1
129	88.7	70.3	105.5
131	85.2	68.2	102.4





#65

Chlorobenzene

Concen: 19.564 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion:112 Resp: 127333

Ion Ratio Lower Upper

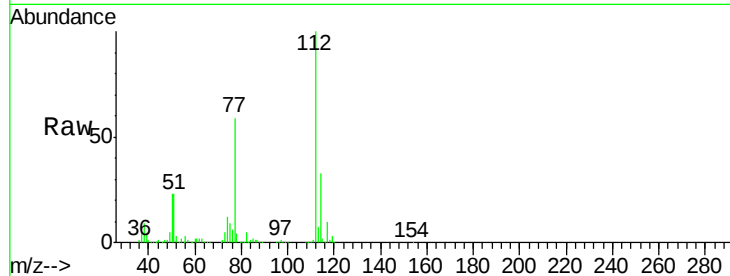
112 100

114 32.7 25.9 38.9

Manual Integrations
APPROVED

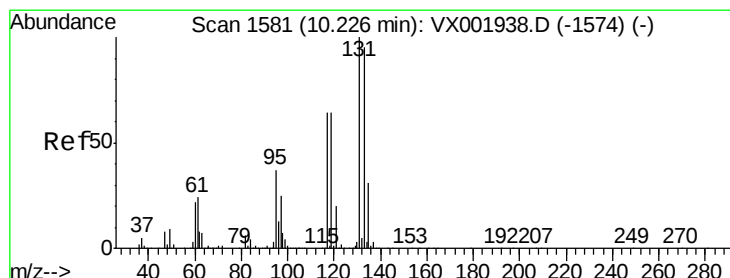
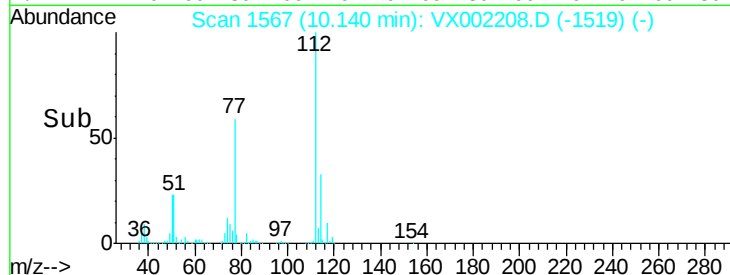
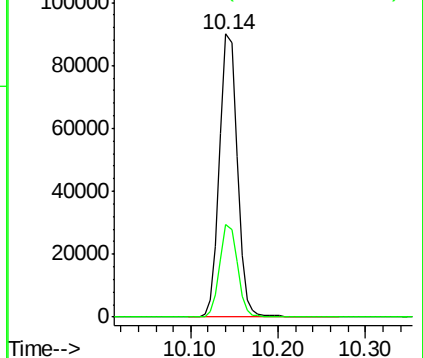
MMDadoda

6/1/2018 6:37:16 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.833 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

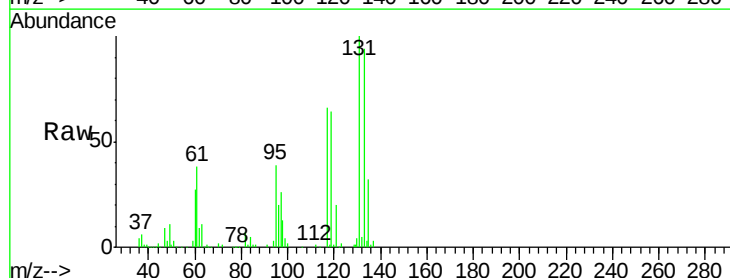
Tgt Ion:131 Resp: 44240

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.0

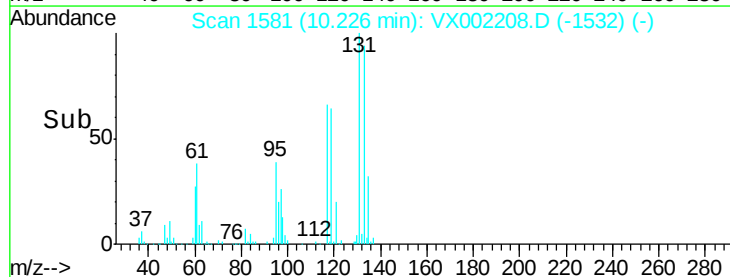
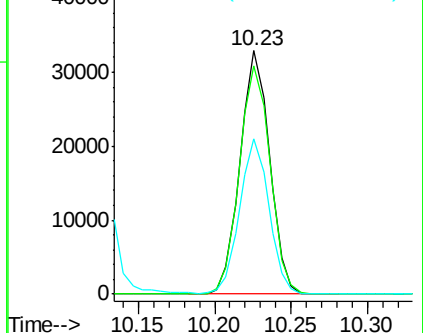
119 63.9 31.9 95.5

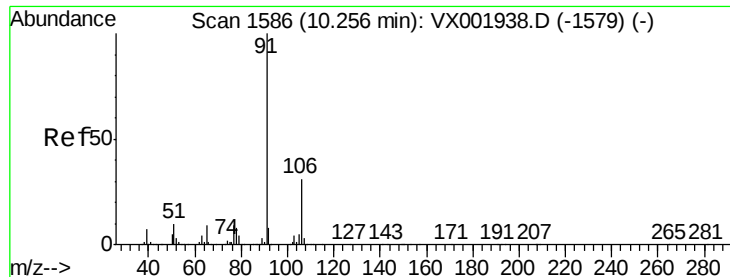


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





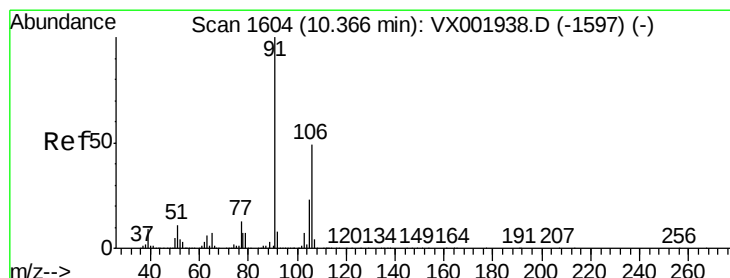
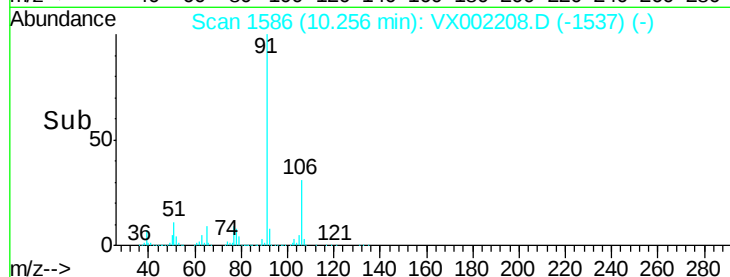
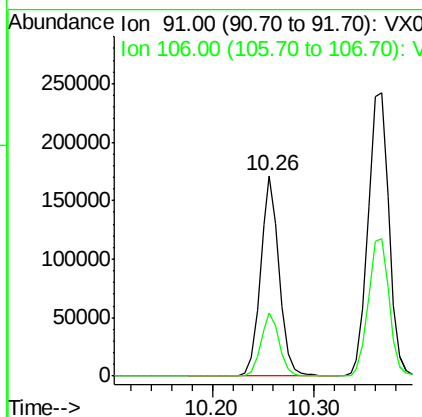
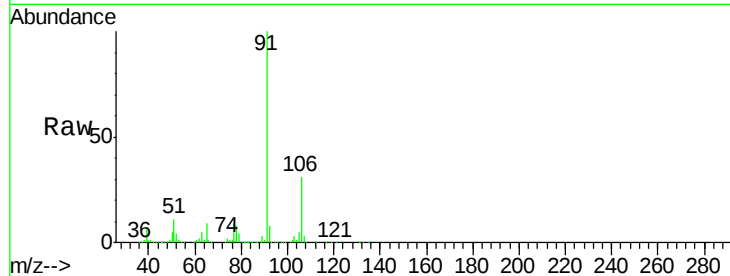
#67
Ethyl Benzene
Concen: 19.377 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion: 91 Resp: 219117
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

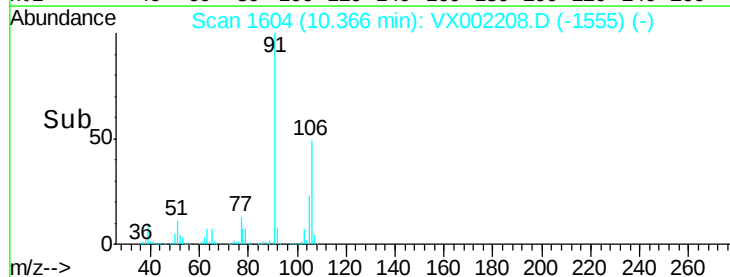
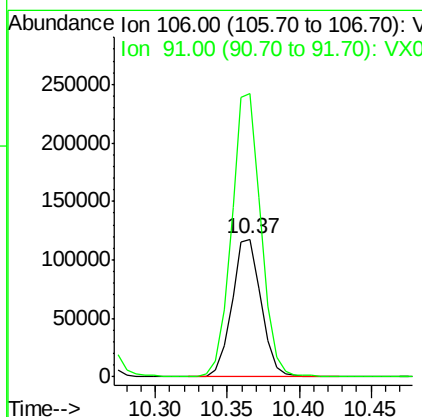
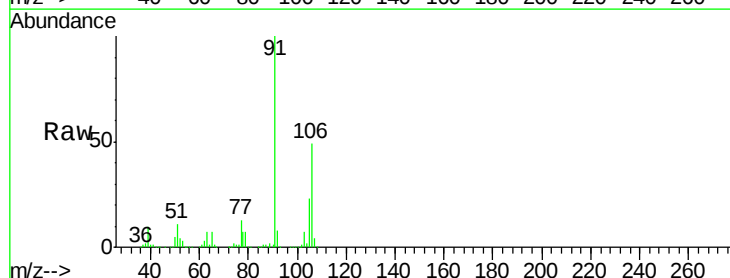
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#68
m/p-Xylenes
Concen: 38.492 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion: 106 Resp: 166389
Ion Ratio Lower Upper
106 100
91 206.3 165.0 247.6





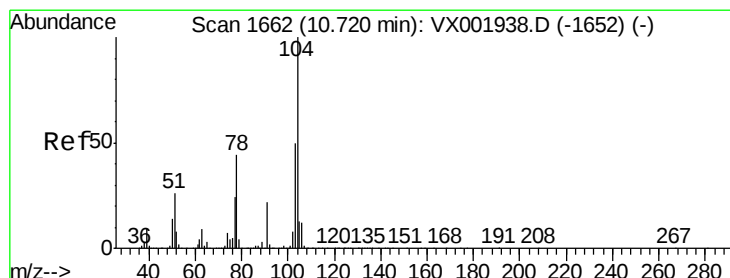
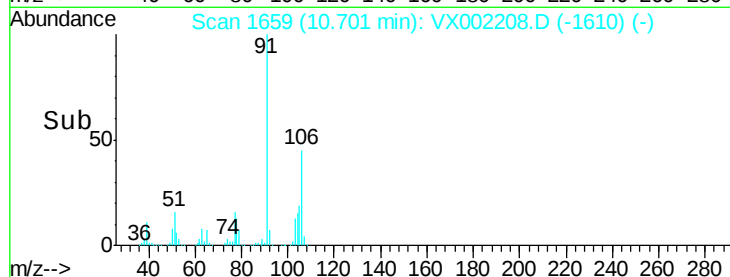
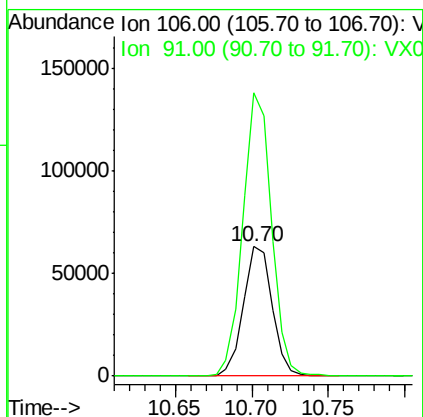
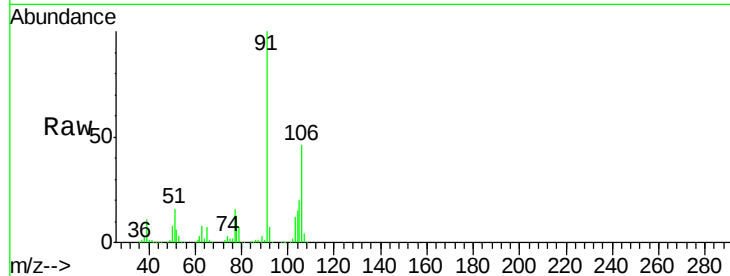
#69
o-Xylene
Concen: 19.249 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion:106 Resp: 83082
Ion Ratio Lower Upper
106 100
91 216.4 108.7 325.9

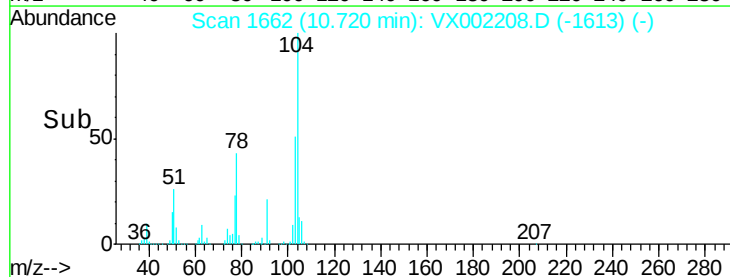
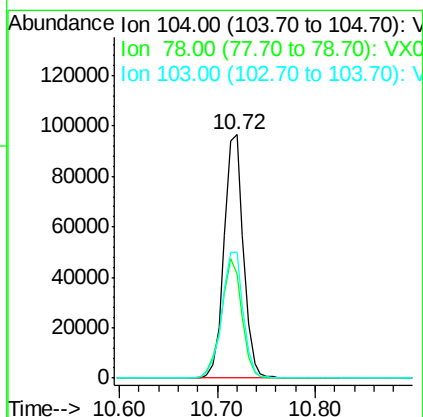
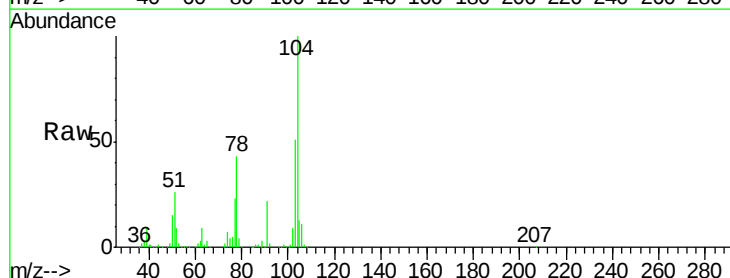
Manual Integrations
APPROVED

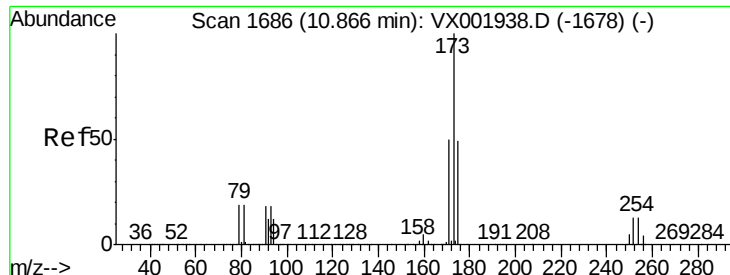
MMDadoda
6/1/2018 6:37:16 PM



#70
Styrene
Concen: 18.557 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion:104 Resp: 132829
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.6
103 57.0 44.6 67.0





#71

Bromoform

Concen: 12.827 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

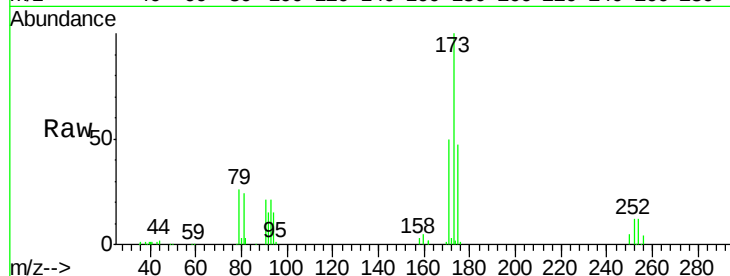
ClientSampleId :

VX0531WBS05

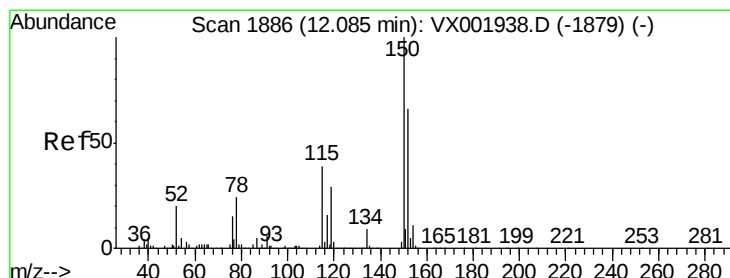
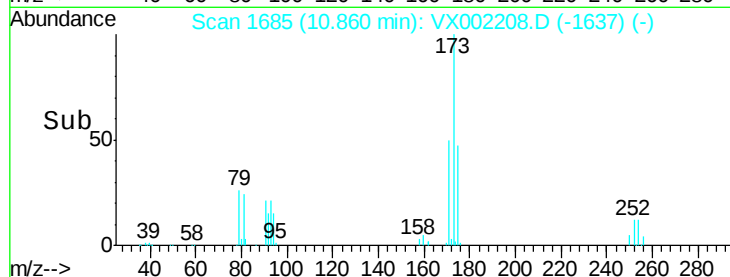
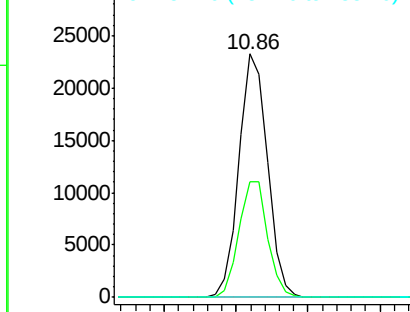
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	72.9
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

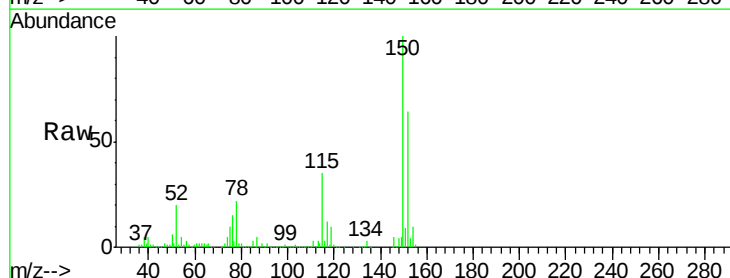
RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

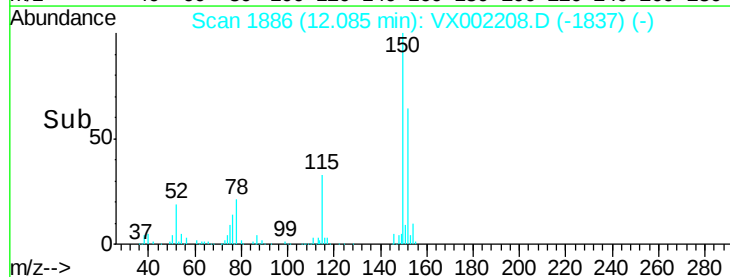
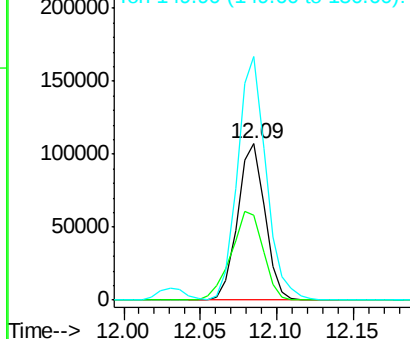
Lab File: VX002208.D

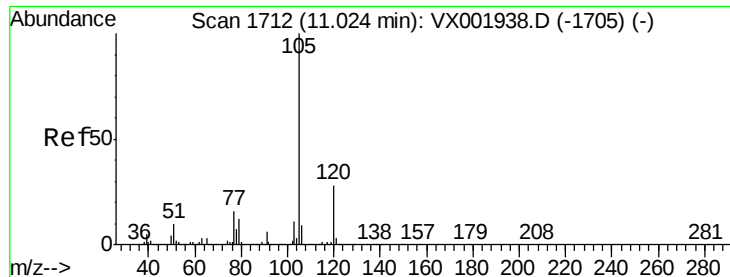
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	42.3	126.8
150	163.0	0.0	351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.087 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion:105 Resp: 225287

Ion Ratio Lower Upper

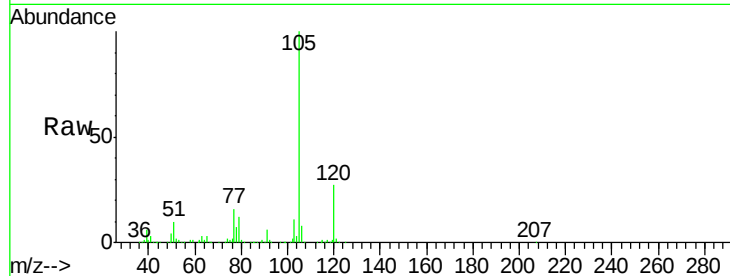
105 100

120 26.8 13.6 40.7

Manual Integrations
APPROVED

MMDadoda

6/1/2018 6:37:16 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

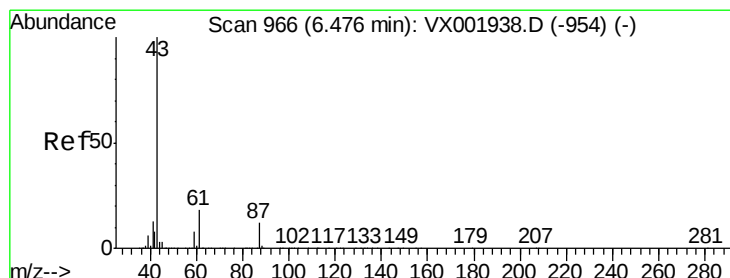
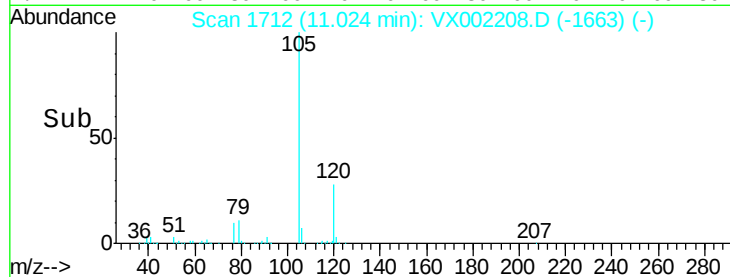
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 20.489 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Tgt Ion: 43 Resp: 130042

Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 17.8 14.5 21.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

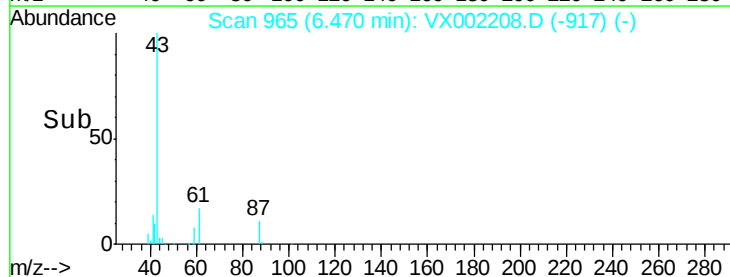
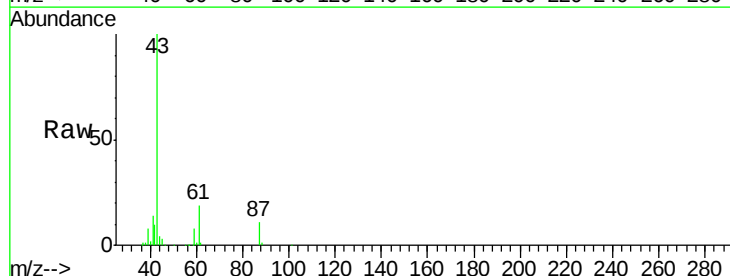
40000

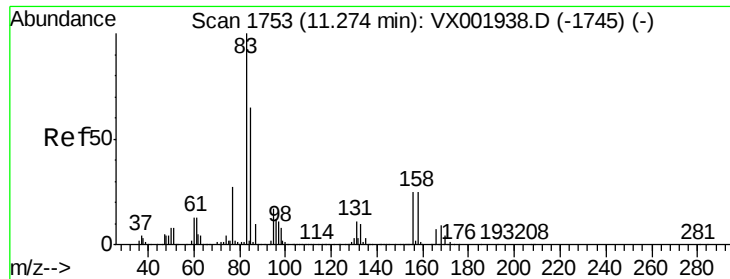
20000

0

6.30 6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.321 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 83 Resp: 70618

Ion Ratio Lower Upper

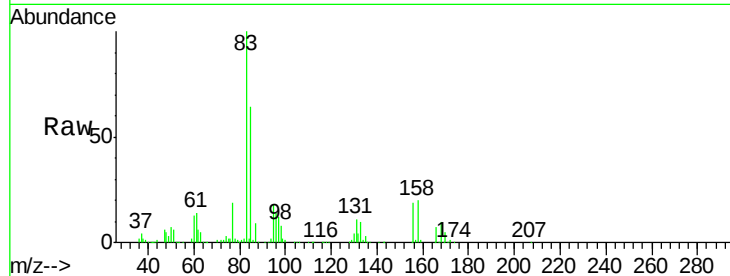
83 100

131 11.1 5.7 17.0

85 64.1 32.6 97.7

Manual Integrations
APPROVED

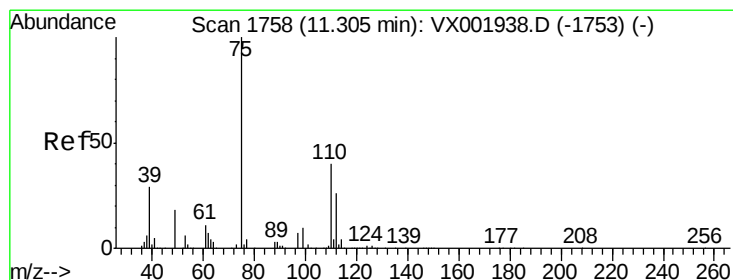
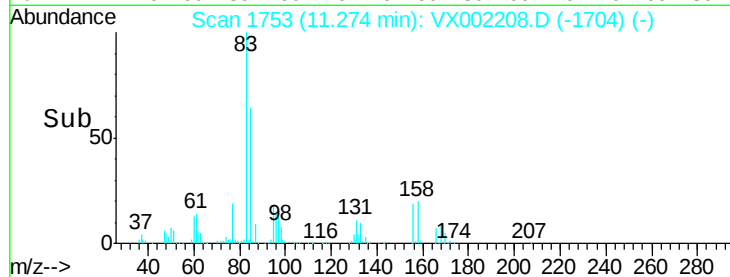
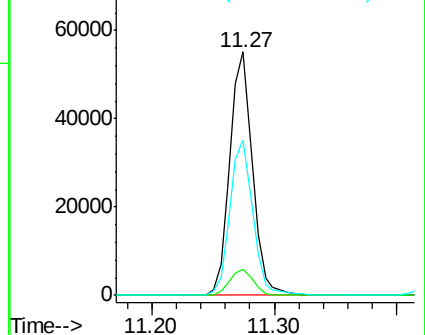
MMDadoda
6/1/2018 6:37:16 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.742 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002208.D

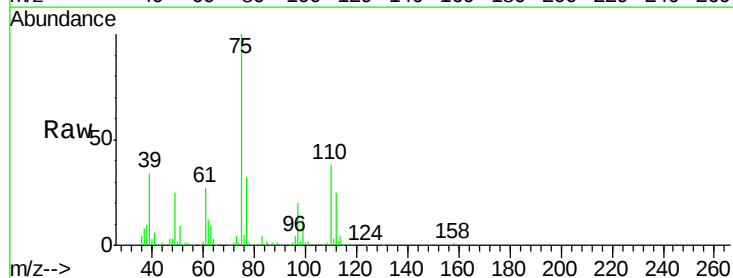
Acq: 01 Jun 2018 09:36

Tgt Ion: 75 Resp: 65985

Ion Ratio Lower Upper

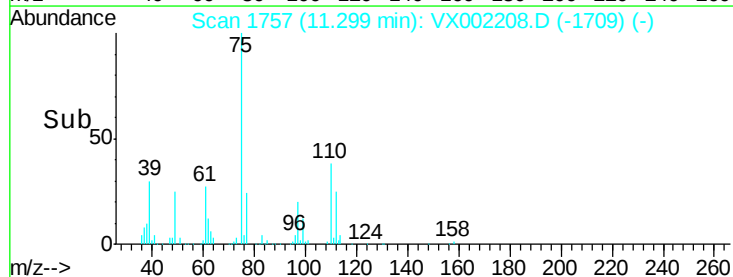
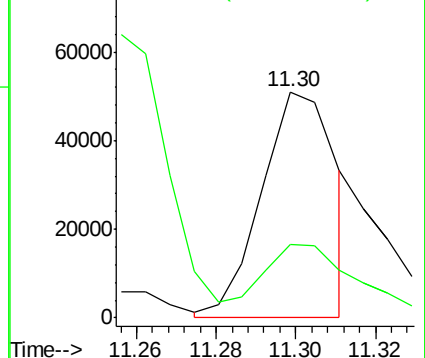
75 100

77 42.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.733 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion:156 Resp: 58719

Ion Ratio Lower Upper

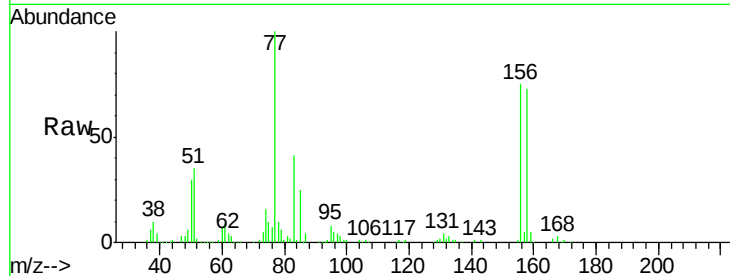
156 100

77 142.6 75.2 225.6

158 98.0 48.6 145.8

Manual Integrations
APPROVED

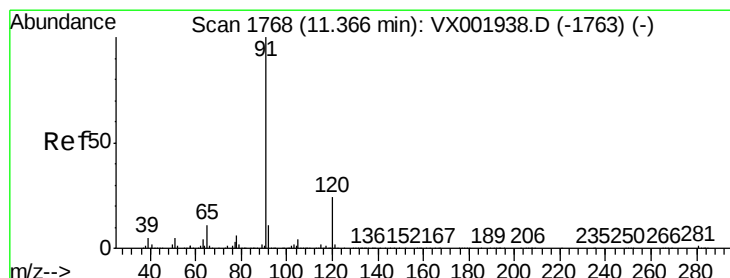
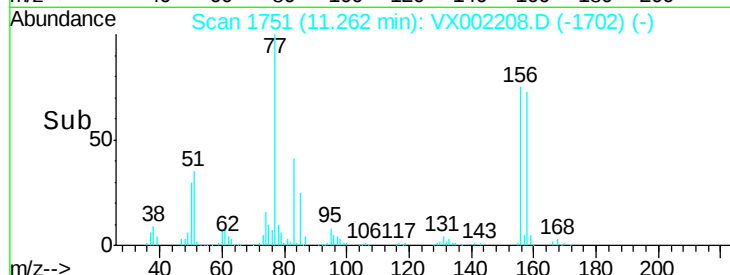
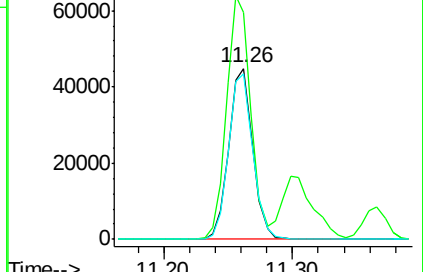
MMDadoda
6/1/2018 6:37:16 PM



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: 19.723 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002208.D

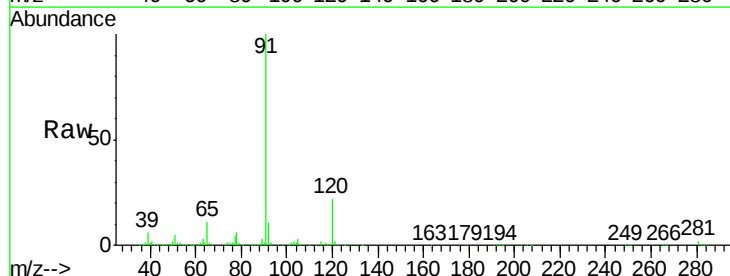
Acq: 01 Jun 2018 09:36

Tgt Ion: 91 Resp: 247749

Ion Ratio Lower Upper

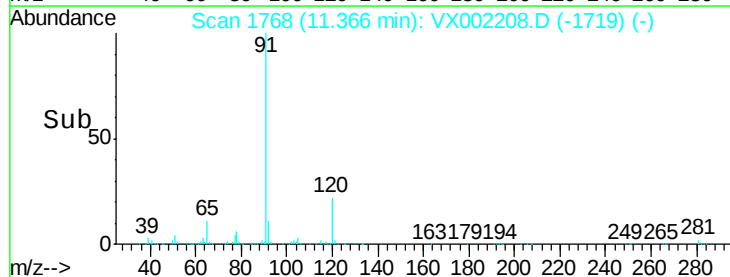
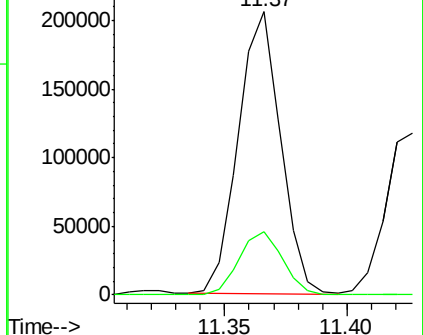
91 100

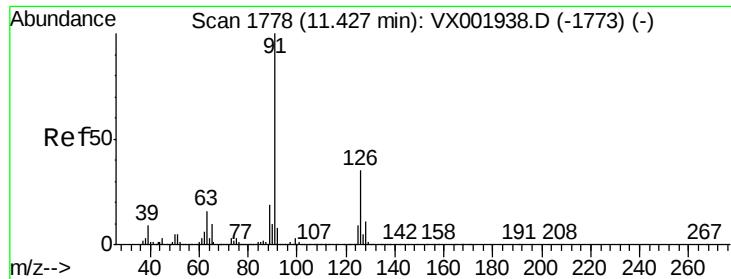
120 23.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.468 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS05

Tot Ion: 91 Resp: 150419

Ion Ratio Lower Upper

91 100

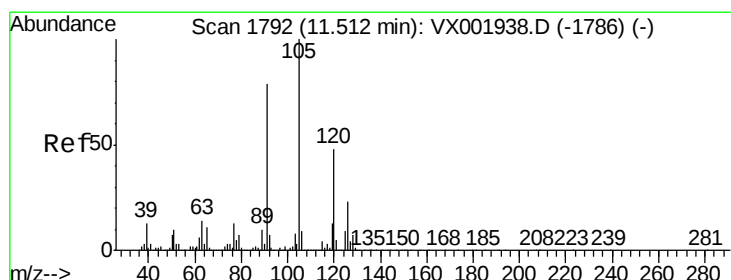
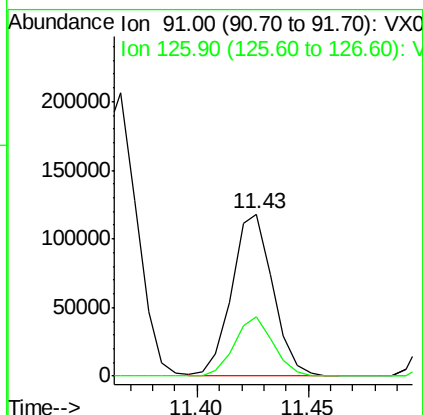
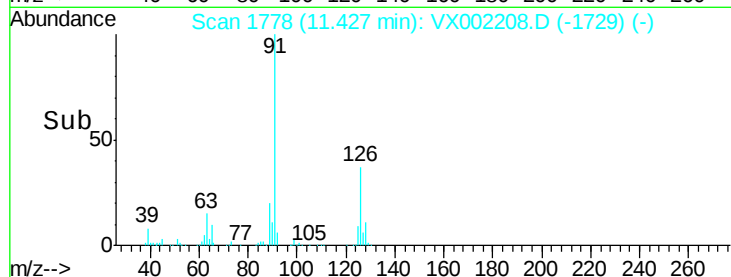
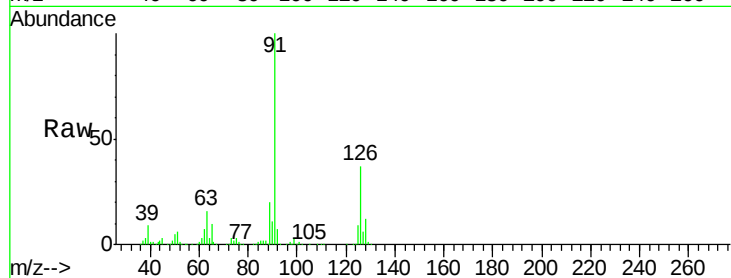
126 35.1 17.4 52.2

Manual Integrations

APPROVED

MMDadoda

6/1/2018 6:37:16 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.457 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002208.D

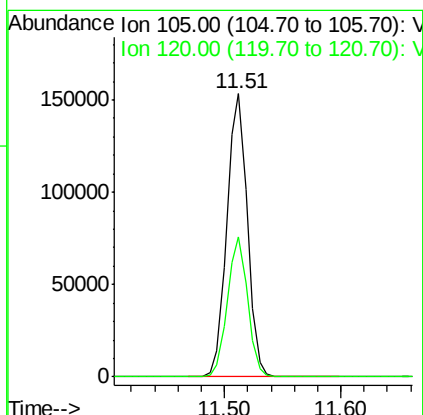
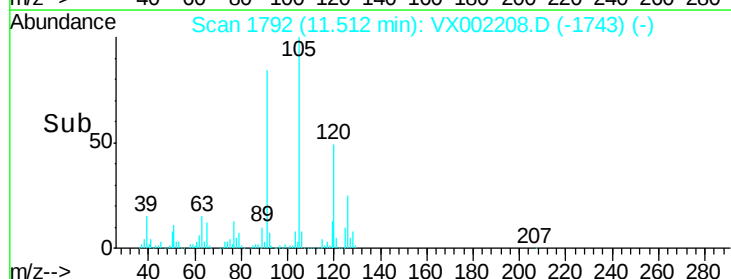
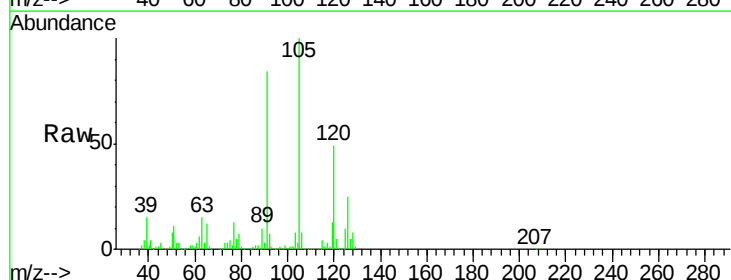
Acq: 01 Jun 2018 09:36

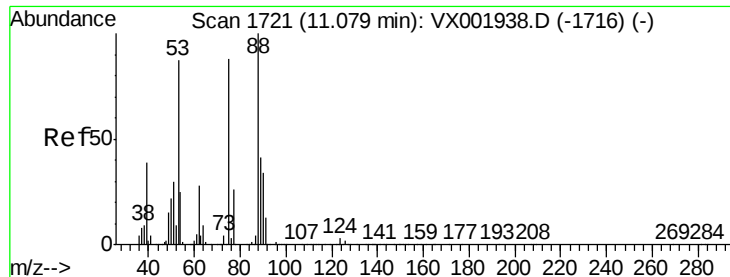
Tgt Ion: 105 Resp: 186491

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 13.388 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Instrument :

MSVOA_X

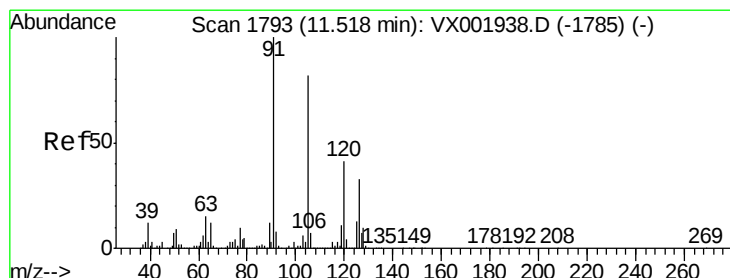
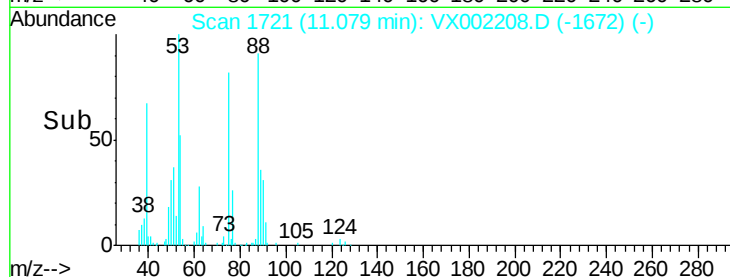
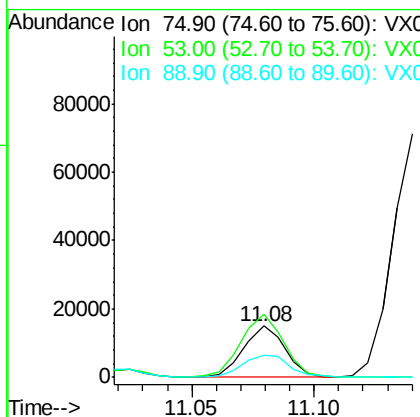
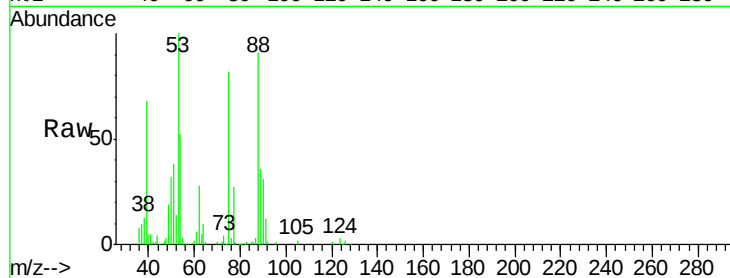
ClientSampleId :

VX0531WBS05

Tot Ion:	75	Resp:	17721
Ion Ratio	Lower	Upper	
75	100		
53	125.4	78.0	117.0#
89	49.3	39.4	59.2

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#82

4-Chlorotoluene

Concen: 19.234 ug/l

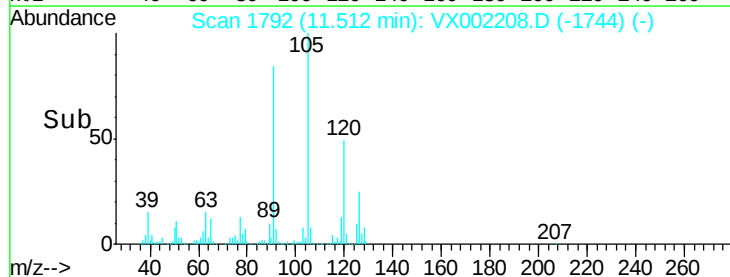
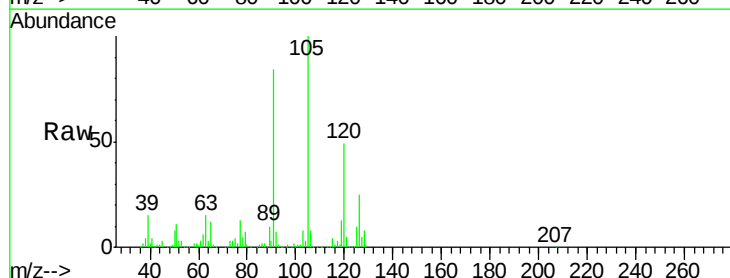
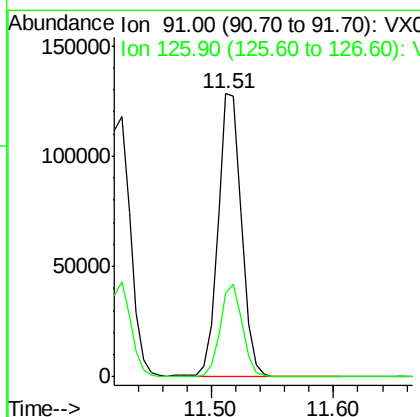
RT: 11.51 min Scan# 1792

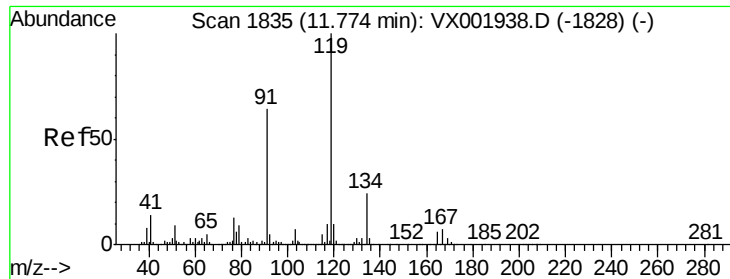
Delta R.T. -0.01 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Tgt Ion:	91	Resp:	170406
Ion Ratio	Lower	Upper	
91	100		
126	31.3	15.3	45.8





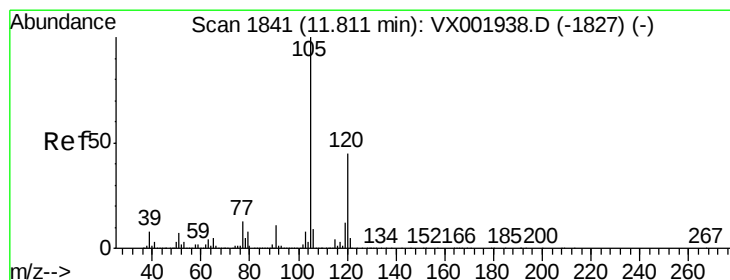
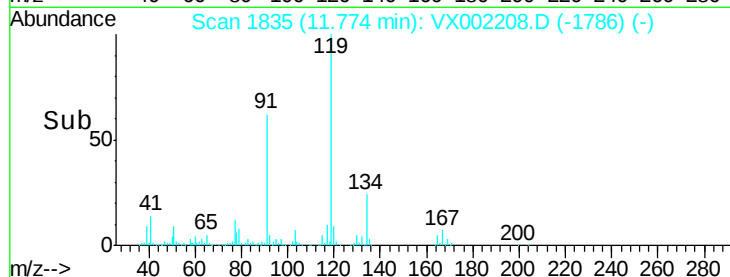
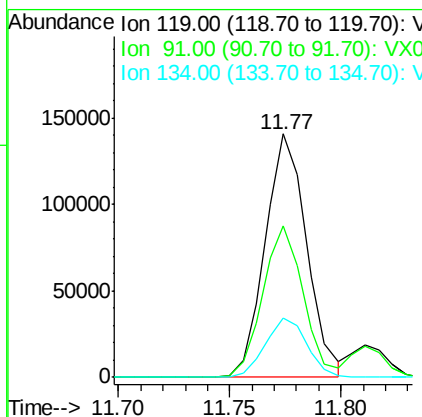
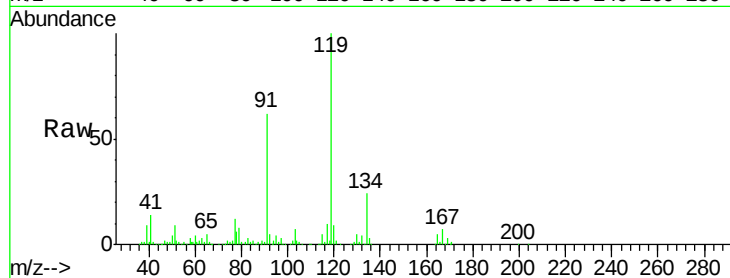
#83
tert-Butylbenzene
Concen: 19.435 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Resp	Lower	Upper
119	100	182798		
91	60.9	30.6	91.8	
134	24.3	11.7	35.0	

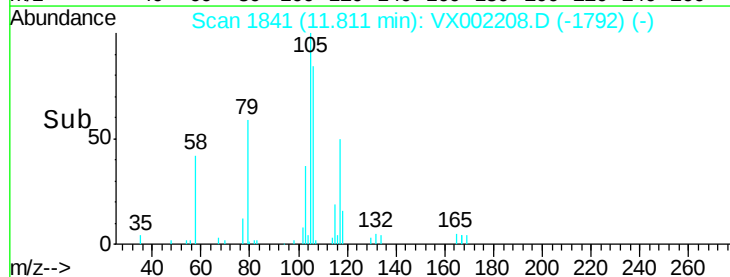
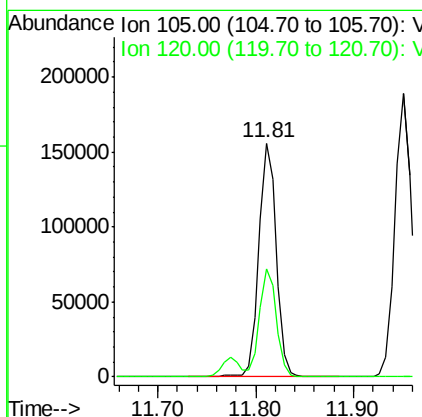
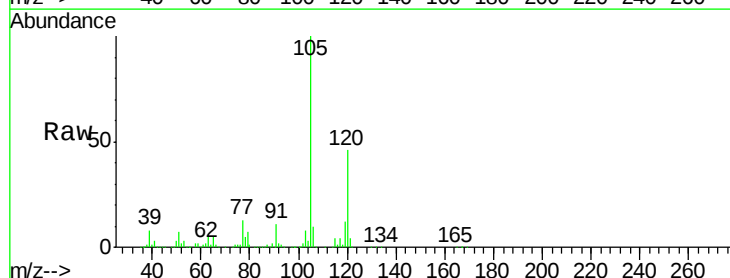
Manual Integrations
APPROVED

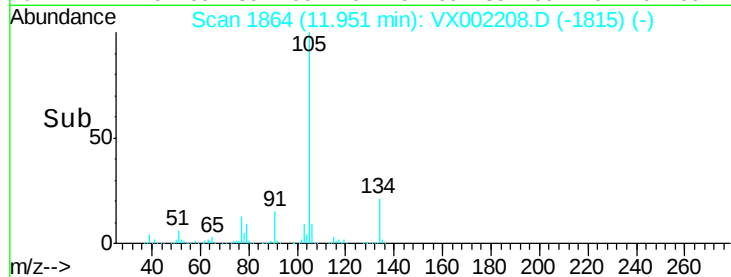
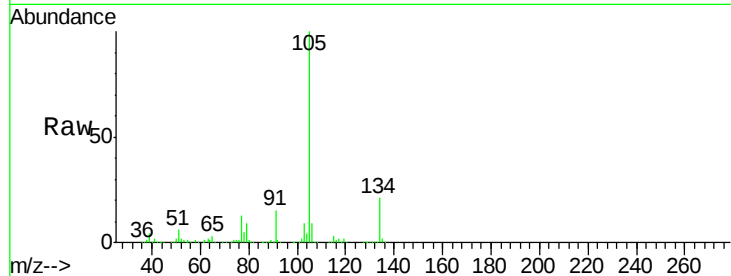
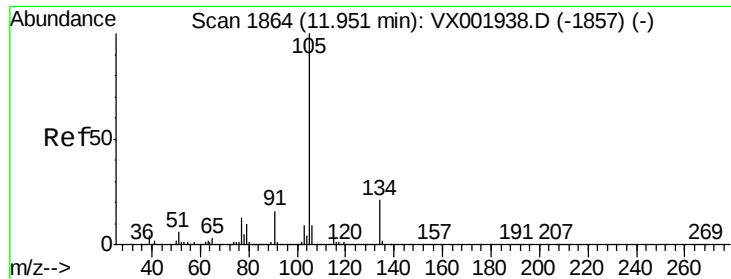
MMDadoda
6/1/2018 6:37:16 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.386 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192017		
120	44.7	22.1	66.5	





#85

sec-Butylbenzene

Concen: 19.805 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

Tot Ion:105 Resp: 223920

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.4

Instrument :

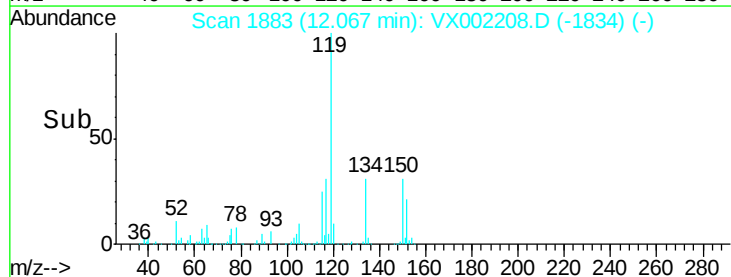
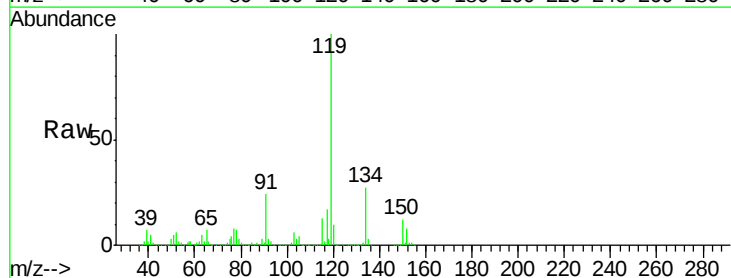
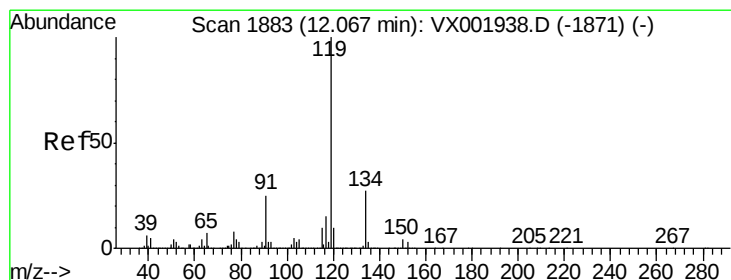
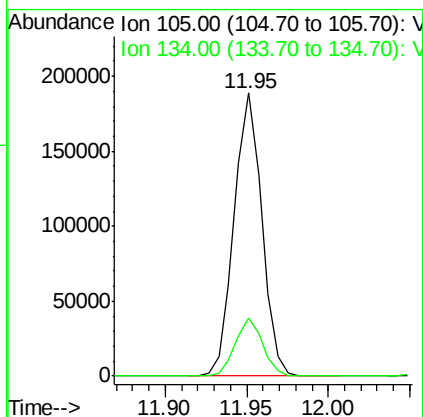
MSVOA_X

ClientSampleId :

VX0531WBS05

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#86

p-Isopropyltoluene

Concen: 19.542 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002208.D

Acq: 01 Jun 2018 09:36

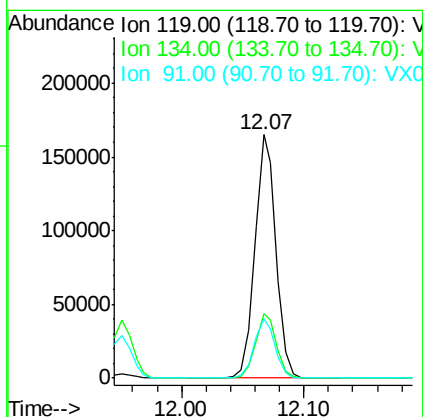
Tgt Ion:119 Resp: 197709

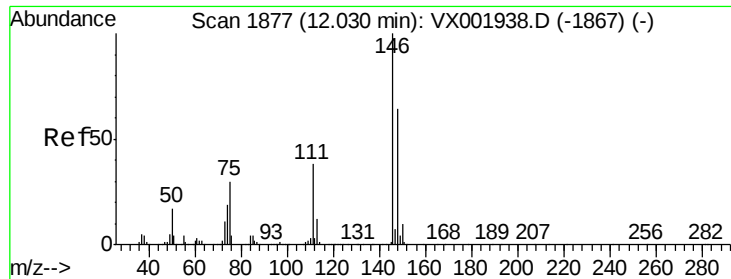
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 24.2 12.2 36.4





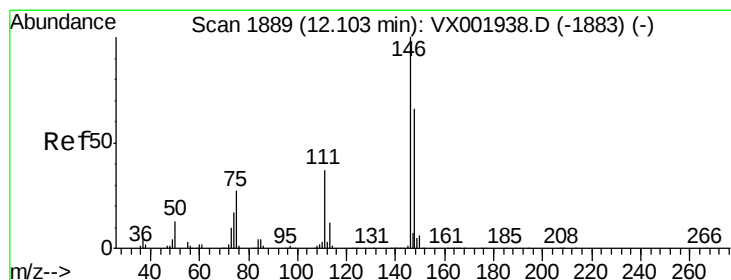
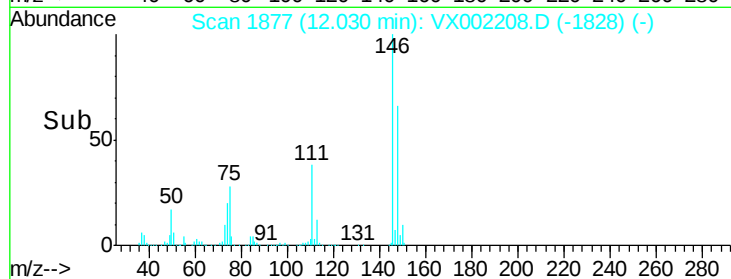
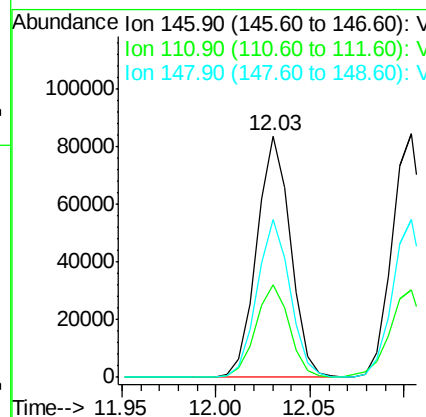
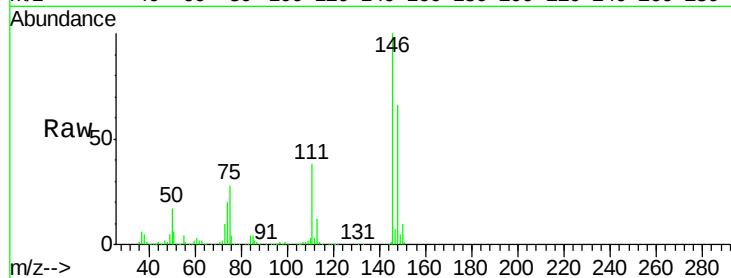
#87
 1,3-Dichlorobenzene
 Concen: 19.457 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	64.2	32.1	96.3

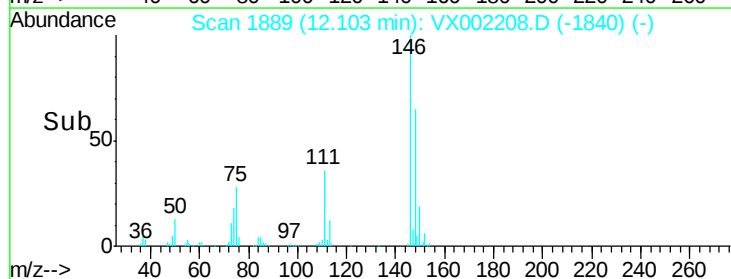
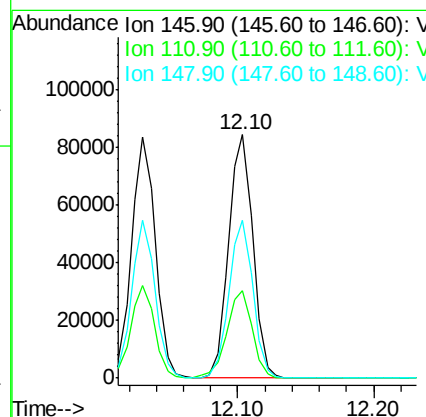
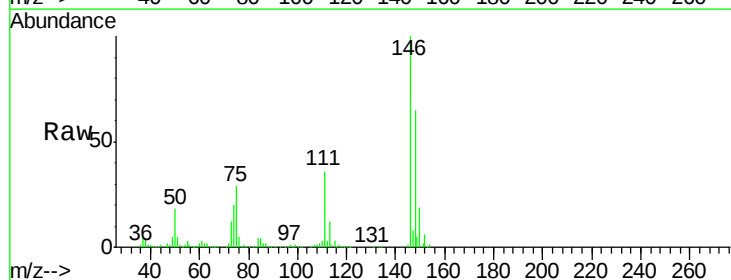
Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:16 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.638 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.0	32.3	96.8





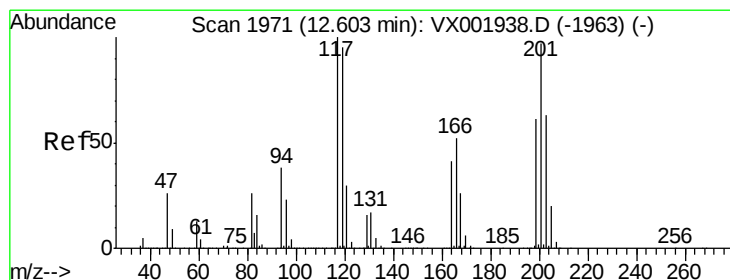
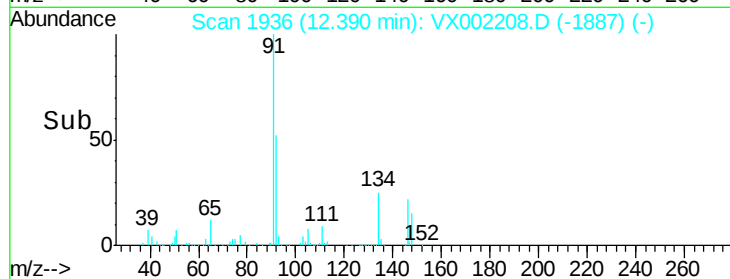
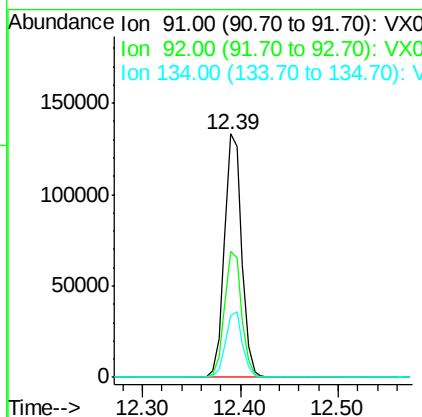
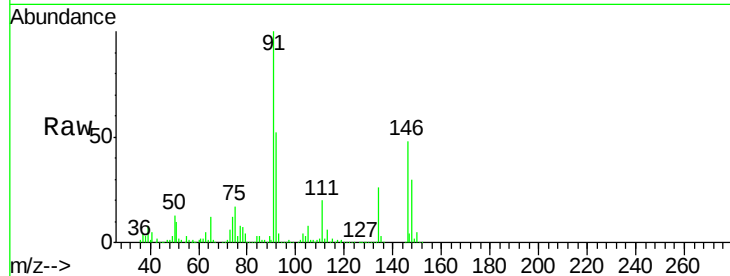
#89
n-Butylbenzene
Concen: 18.908 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.3	78.9
134	26.5	13.6	40.7

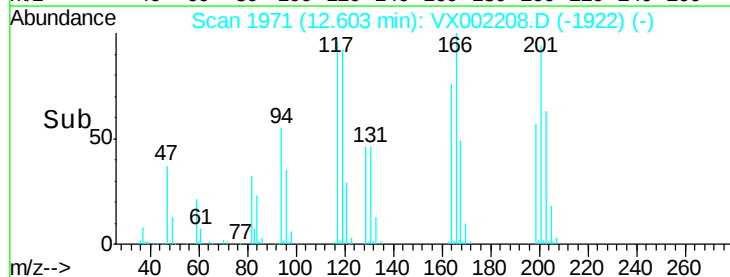
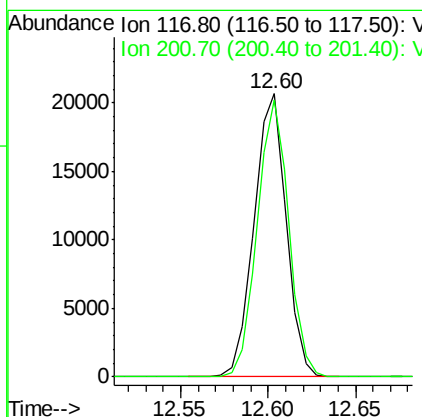
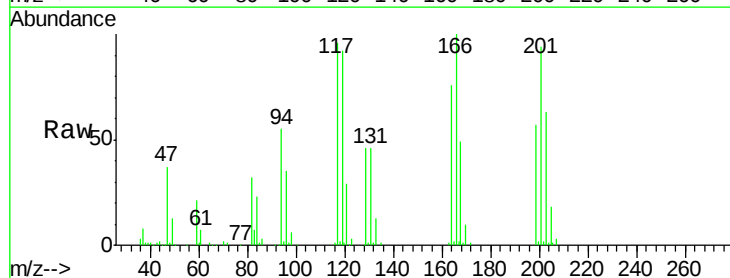
Manual Integrations
APPROVED

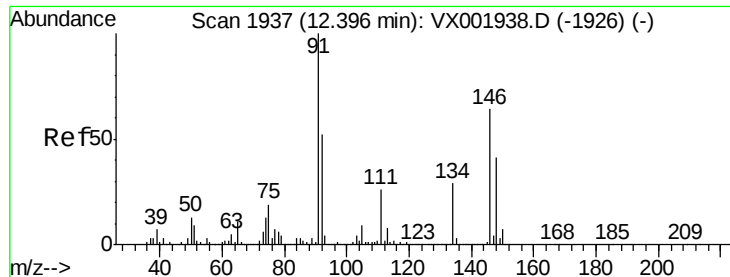
MMDadoda
6/1/2018 6:37:16 PM



#90
Hexachloroethane
Concen: 13.340 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.4	48.0	144.0





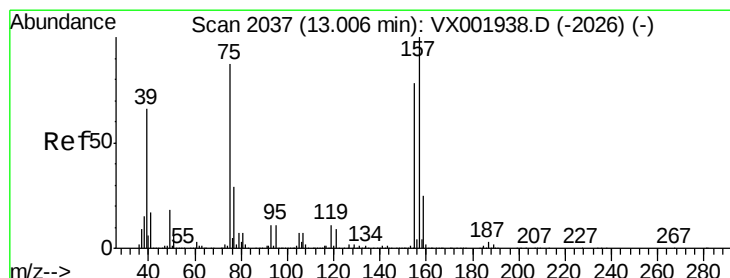
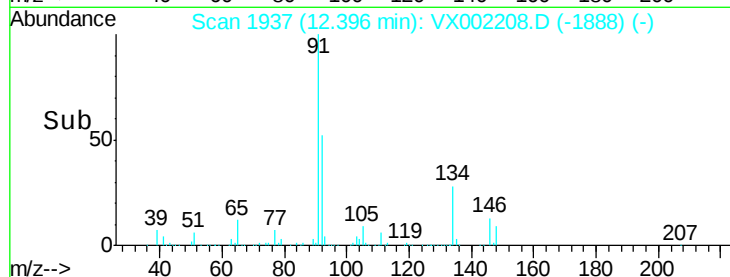
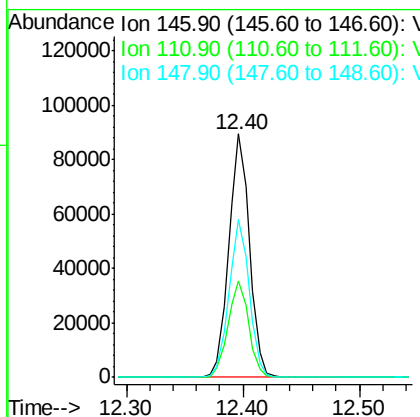
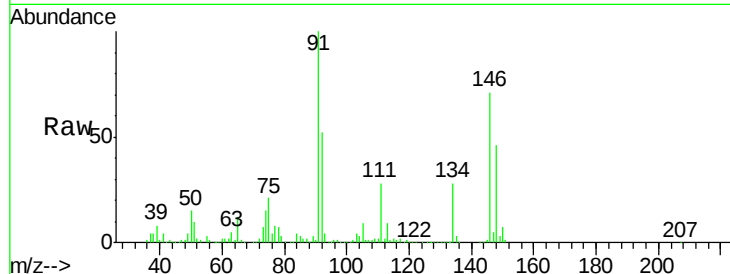
#91
 1,2-Dichlorobenzene
 Concen: 20.217 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	63.9	32.1	96.5

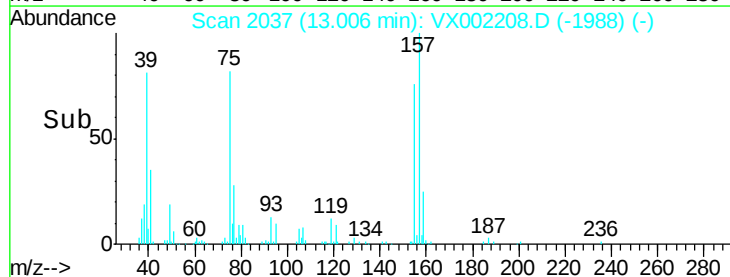
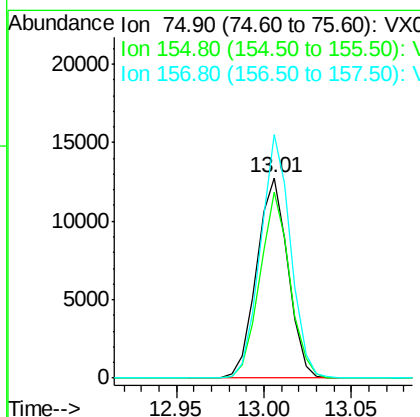
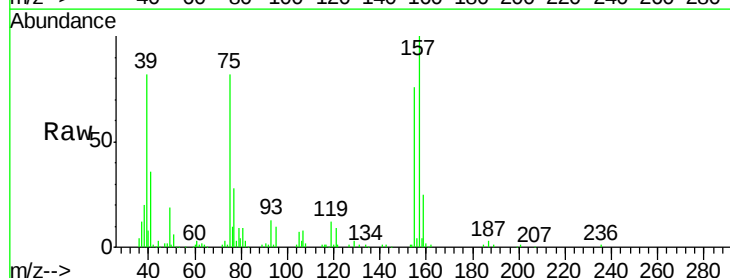
Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.103 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	45.1	135.2
157	116.5	58.1	174.2





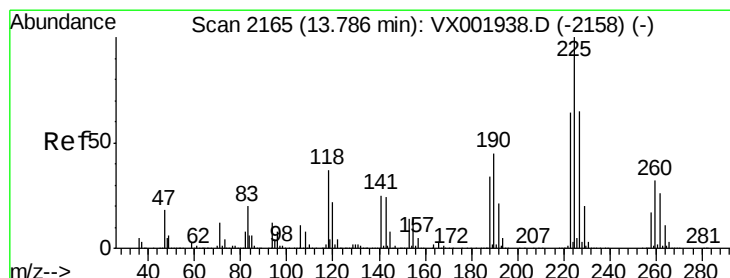
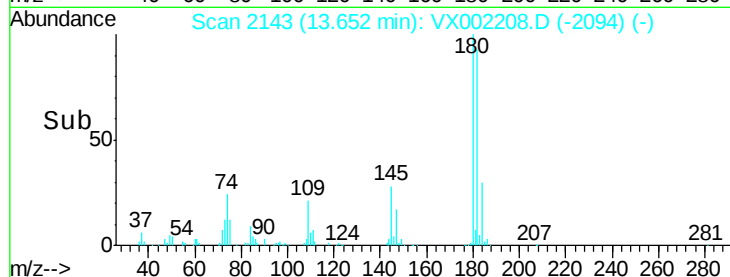
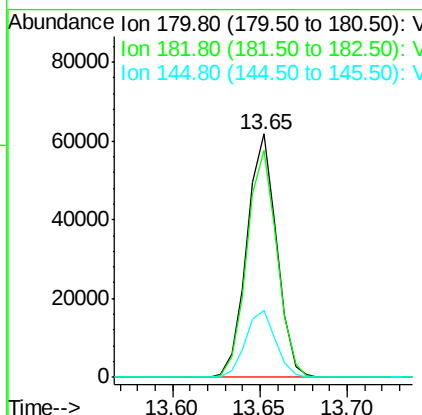
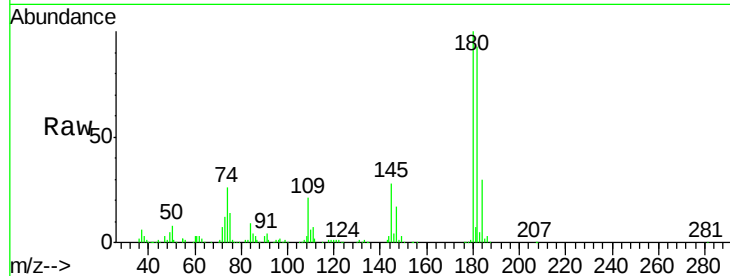
#93
 1,2,4-Trichlorobenzene
 Concen: 18.788 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0531WBS05

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.7	143.1
145	27.9	14.4	43.0

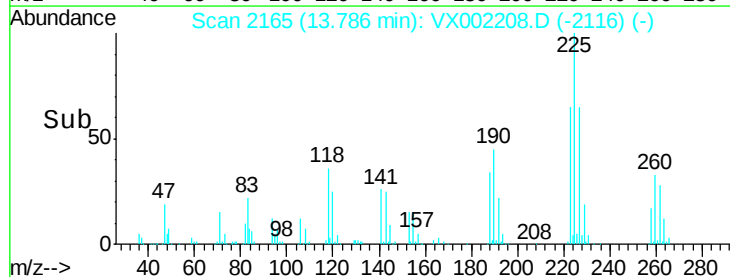
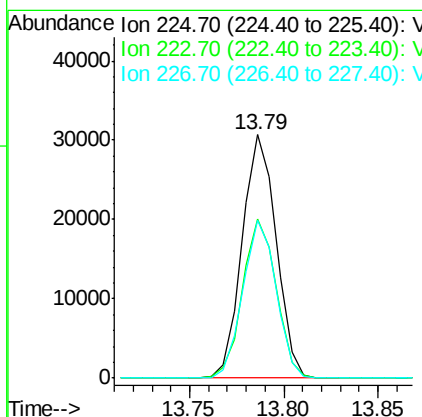
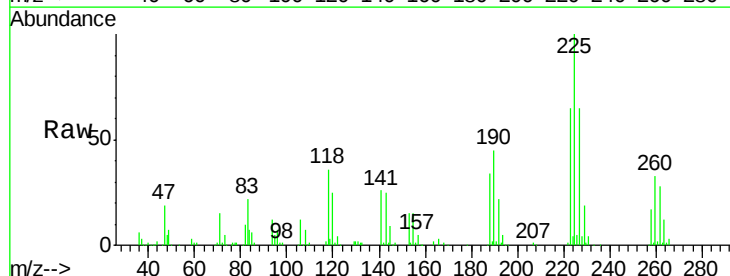
Manual Integrations
 APPROVED

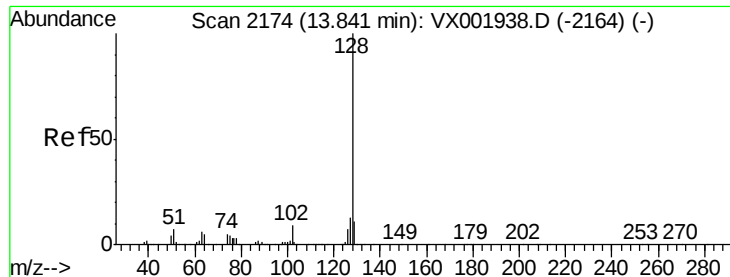
MMDadoda
 6/1/2018 6:37:16 PM



#94
 Hexachlorobutadiene
 Concen: 18.436 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002208.D
 Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.1	93.5
227	63.3	32.1	96.5





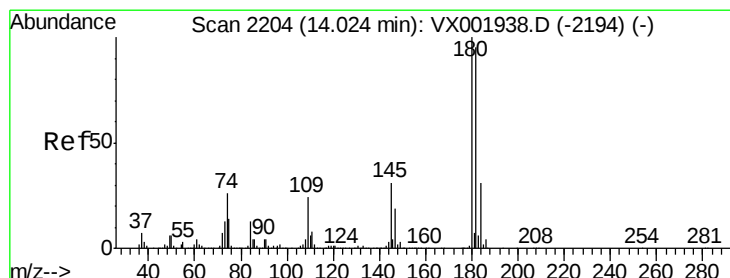
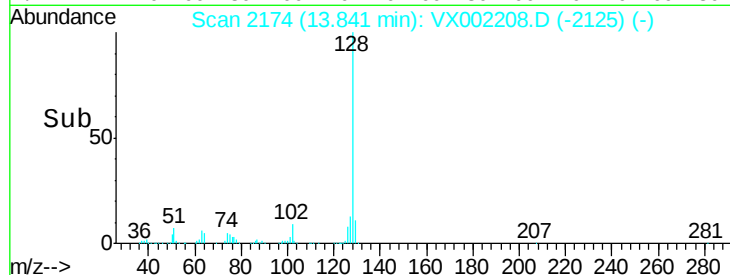
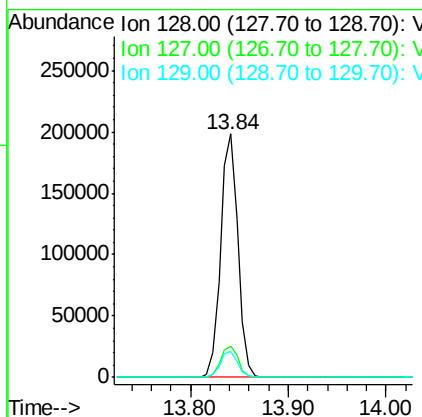
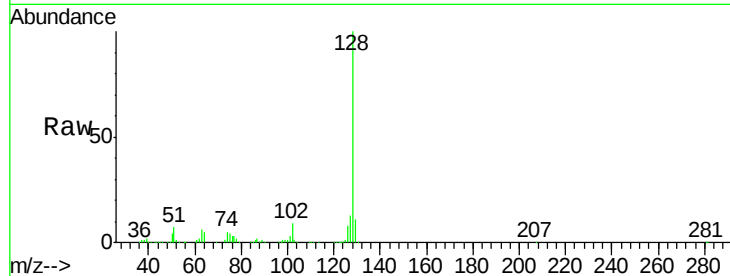
#95
Naphthalene
Concen: 20.147 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.579 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002208.D
Acq: 01 Jun 2018 09:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.6
145	28.9	15.1	45.3

