

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004645.D
 Acq On : 18 Sep 2018 09:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:39:17 PM

Quant Time: Sep 18 15:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	262121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149888	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
35) Dibromofluoromethane	5.50	113	134809	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.71	98	452863	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	166479	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	124155	50.539	ug/l	98
3) Chloromethane	1.32	50	163896	48.478	ug/l	96
4) Vinyl Chloride	1.40	62	170517	49.141	ug/l	99
5) Bromomethane	1.64	94	78158	53.886	ug/l	97
6) Chloroethane	1.71	64	104845	46.724	ug/l	99
7) Trichlorofluoromethane	1.92	101	226209	49.175	ug/l	98
8) Diethyl Ether	2.19	74	102746	49.822	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150241	51.485	ug/l	97
10) Methyl Iodide	2.51	142	156242	45.234	ug/l	96
11) Tert butyl alcohol	3.06	59	181101	224.560	ug/l	99
12) 1,1-Dichloroethene	2.37	96	139639	50.985	ug/l	97
13) Acrolein	2.29	56	44574	140.016	ug/l	94
14) Allyl chloride	2.72	41	286268	50.840	ug/l	94
15) Acrylonitrile	3.14	53	469479	241.740	ug/l	98
16) Acetone	2.44	43	377178	228.648	ug/l	95
17) Carbon Disulfide	2.57	76	393677	49.728	ug/l	97
18) Methyl Acetate	2.78	43	222359	48.045	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	466560	48.550	ug/l	# 90
20) Methylene Chloride	2.85	84	167695	49.556	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	148566	49.089	ug/l	95
22) Diisopropyl ether	3.87	45	498802	49.185	ug/l	94
23) Vinyl Acetate	3.82	43	2114326	257.631	ug/l	99
24) 1,1-Dichloroethane	3.69	63	295733	51.651	ug/l	97
25) 2-Butanone	4.69	43	569888	217.070	ug/l	100
26) 2,2-Dichloropropane	4.58	77	216546	55.065	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	172364	51.018	ug/l	99
28) Bromochloromethane	5.01	49	118762	45.347	ug/l	98
29) Tetrahydrofuran	5.15	42	368807	232.942	ug/l	99
30) Chloroform	5.21	83	283932	50.794	ug/l	93
31) Cyclohexane	5.57	56	250719	51.283	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	231600	51.442	ug/l	99
36) 1,1-Dichloropropene	5.80	75	217070	57.752	ug/l	99
37) Ethyl Acetate	4.85	43	217444	50.865	ug/l	99
38) Carbon Tetrachloride	5.79	117	206238	56.177	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX091818\
 Data File : VX004645.D
 Acq On : 18 Sep 2018 09:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:39:17 PM

Quant Time: Sep 18 15:28:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236128	60.202	ug/l	93
40) Benzene	6.13	78	651602	58.428	ug/l	99
41) Methacrylonitrile	5.06	41	125498	53.282	ug/l	99
42) 1,2-Dichloroethane	6.20	62	205875	55.660	ug/l	100
43) Isopropyl Acetate	6.46	43	324208	57.100	ug/l	99
44) Trichloroethene	7.21	130	170860	58.972	ug/l	91
45) 1,2-Dichloropropane	7.51	63	151902	56.606	ug/l	95
46) Dibromomethane	7.66	93	91943	54.234	ug/l	98
47) Bromodichloromethane	7.90	83	180650	56.348	ug/l	99
48) Methyl methacrylate	7.77	41	149062	53.047	ug/l	98
49) 1,4-Dioxane	7.75	88	70301	1057.049	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	963179	240.379	ug/l	98
52) Toluene	8.79	92	348839	53.091	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	199302	53.217	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	220787	57.833	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	153621	54.300	ug/l	97
56) Ethyl methacrylate	9.18	69	227512	56.845	ug/l	97
57) 1,3-Dichloropropane	9.37	76	274148	59.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	489354	240.271	ug/l	97
59) 2-Hexanone	9.49	43	848080	275.939	ug/l	96
60) Dibromochloromethane	9.59	129	152918	57.413	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157098	58.128	ug/l	95
64) Tetrachloroethene	9.34	164	219011	59.912	ug/l	94
65) Chlorobenzene	10.14	112	398692	54.820	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	142562	56.843	ug/l	99
67) Ethyl Benzene	10.25	91	674089	57.002	ug/l	98
68) m/p-Xylenes	10.36	106	535124	117.473	ug/l	99
69) o-Xylene	10.70	106	255571	58.358	ug/l	100
70) Styrene	10.71	104	434364	59.868	ug/l	99
71) Bromoform	10.86	173	117920	57.263	ug/l	99
73) Isopropylbenzene	11.02	105	696475	44.730	ug/l	99
74) N-amyl acetate	10.90	43	263774	40.248	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	194928	38.811	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194500m	40.890	ug/l	
77) Bromobenzene	11.26	156	185797	43.171	ug/l	98
78) n-propylbenzene	11.36	91	805056	44.967	ug/l	99
79) 2-Chlorotoluene	11.42	91	466451	42.959	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	597522	45.648	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	65538	43.918	ug/l	95
82) 4-Chlorotoluene	11.51	91	570553	45.021	ug/l	100
83) tert-Butylbenzene	11.77	119	680776	54.629	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	737895	55.213	ug/l	98
85) sec-Butylbenzene	11.94	105	866105	54.539	ug/l	98
86) p-Isopropyltoluene	12.07	119	805505	57.440	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	430575	53.622	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	434664	52.388	ug/l	99
89) n-Butylbenzene	12.39	91	670990	52.507	ug/l	95
90) Hexachloroethane	12.60	117	110994	49.441	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	371074	45.657	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53228	49.634	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004645.D
Acq On : 18 Sep 2018 09:07
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

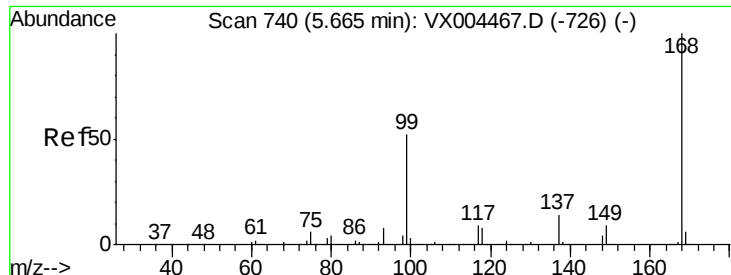
Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM

Quant Time: Sep 18 15:28:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	327762	56.954	ug/l	99
94) Hexachlorobutadiene	13.79	225	173906	57.852	ug/l	97
95) Naphthalene	13.83	128	907667	56.235	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	332316	56.208	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 262121

Ion Ratio Lower Upper

168 100

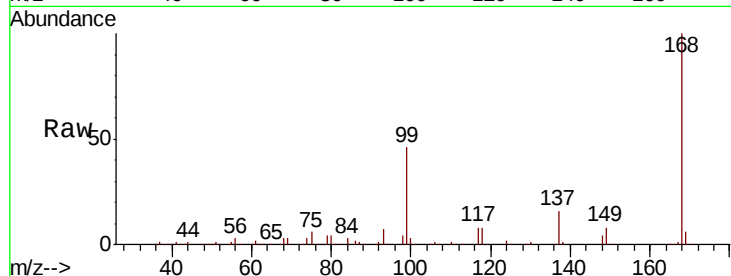
99 45.9 39.9 59.9

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

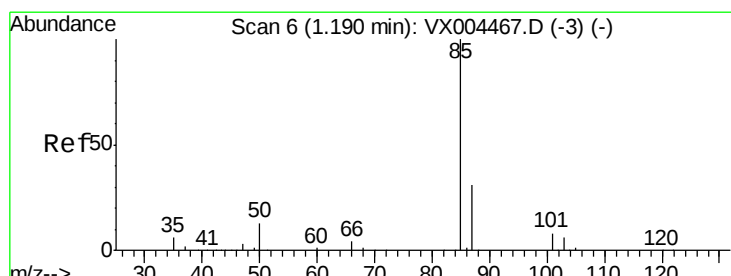
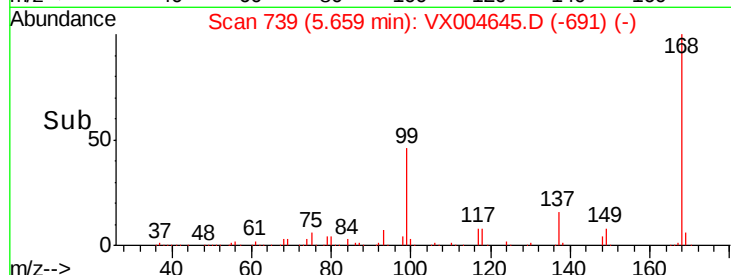
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.539 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX004645.D

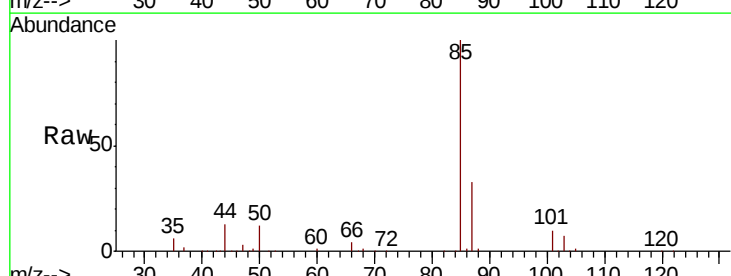
Acq: 18 Sep 2018 09:07

Tgt Ion: 85 Resp: 124155

Ion Ratio Lower Upper

85 100

87 32.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

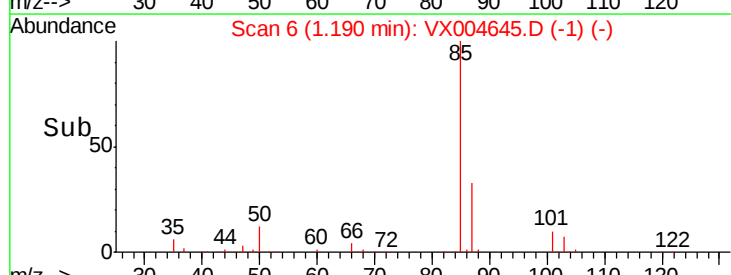
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.478 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 163896

Ion Ratio Lower Upper

50 100

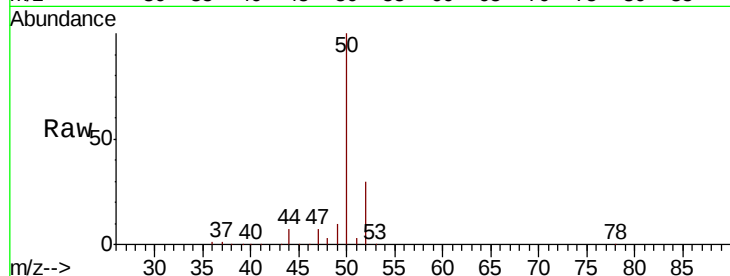
52 30.4 26.2 39.2

Manual Integrations

APPROVED

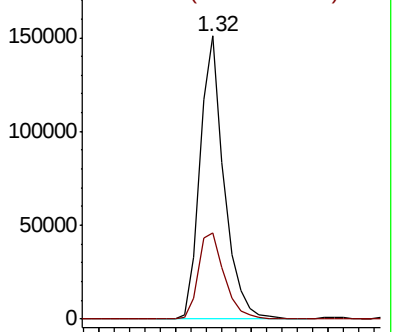
MMDadoda

9/19/2018 12:39:17 PM

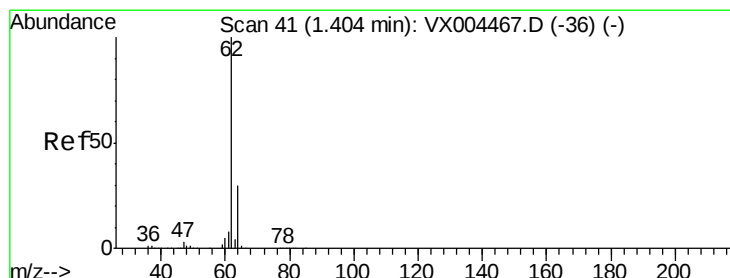
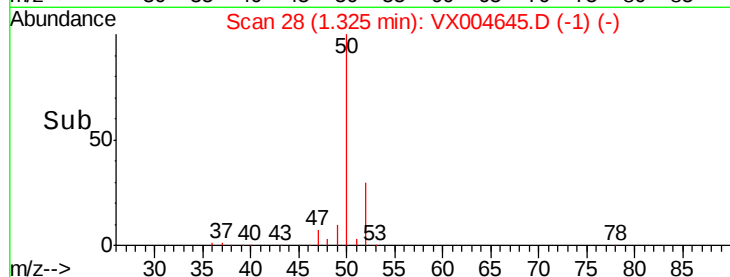


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 49.141 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004645.D

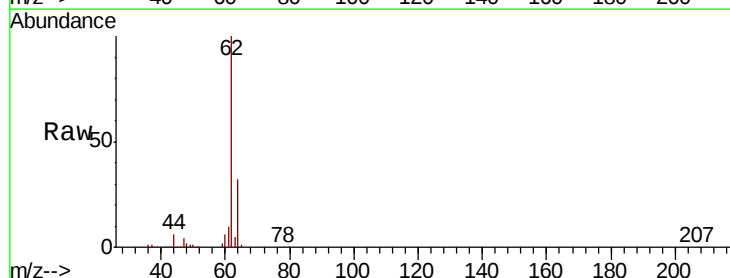
Acq: 18 Sep 2018 09:07

Tgt Ion: 62 Resp: 170517

Ion Ratio Lower Upper

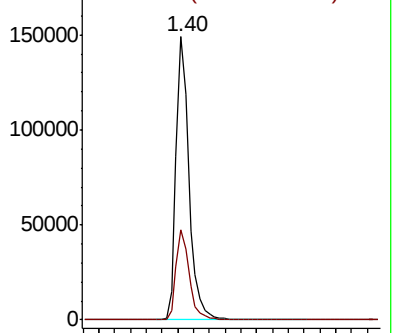
62 100

64 31.9 25.8 38.8

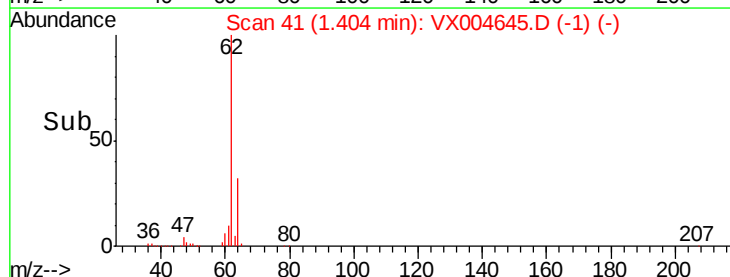


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 53.886 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 78158

Ion Ratio Lower Upper

94 100

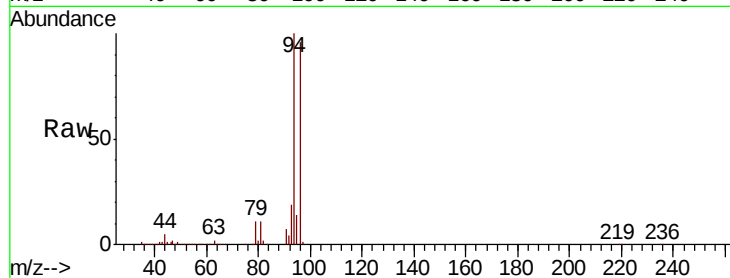
96 95.9 74.5 111.7

Manual Integrations

APPROVED

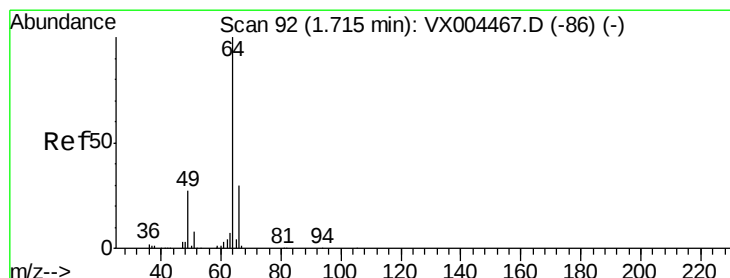
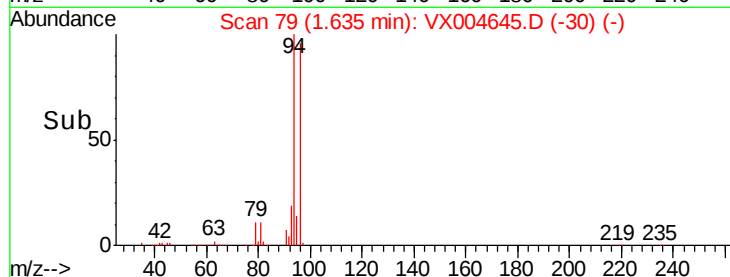
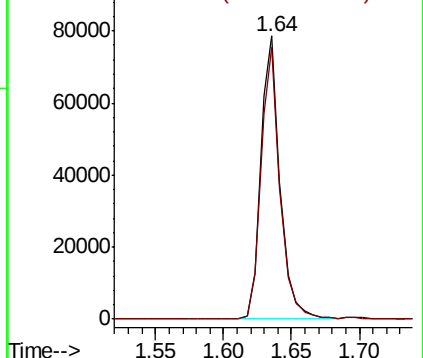
MMDadoda

9/19/2018 12:39:17 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.724 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004645.D

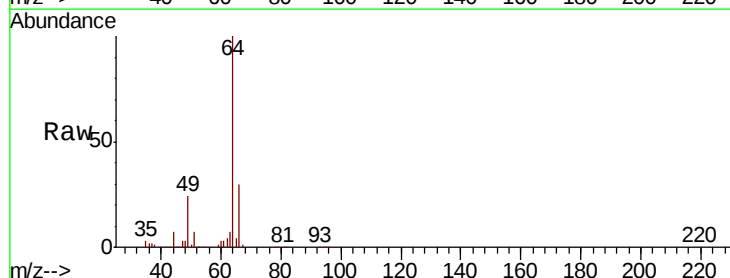
Acq: 18 Sep 2018 09:07

Tgt Ion: 64 Resp: 104845

Ion Ratio Lower Upper

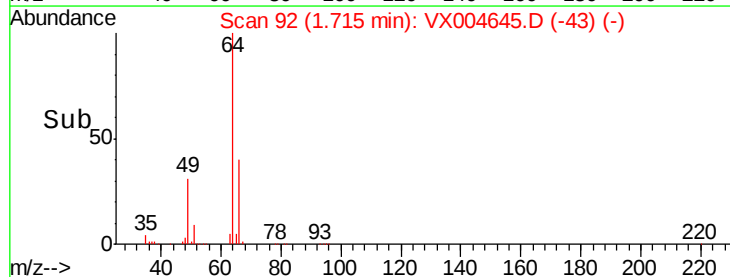
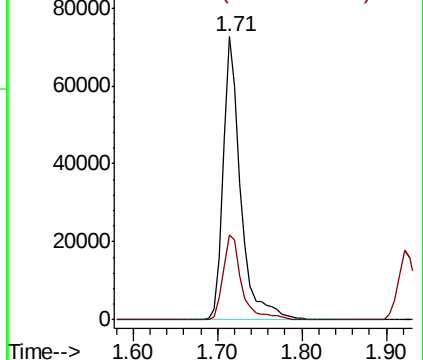
64 100

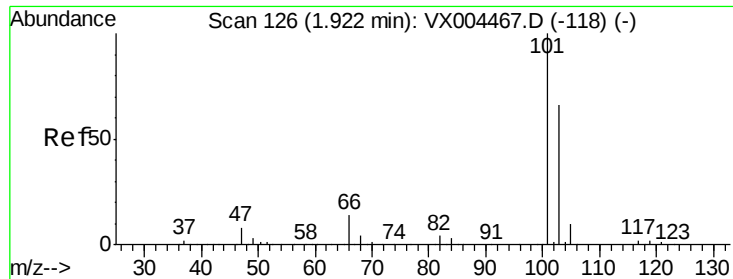
66 30.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

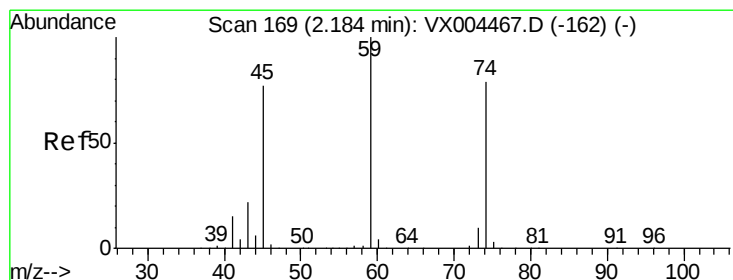
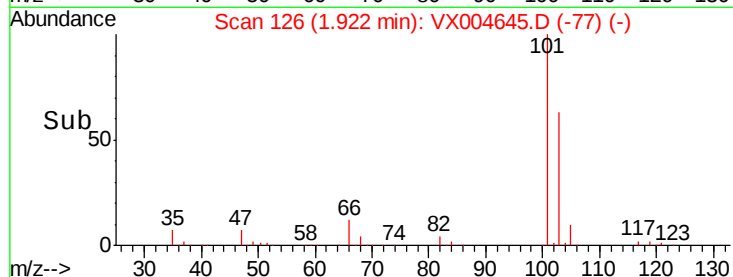
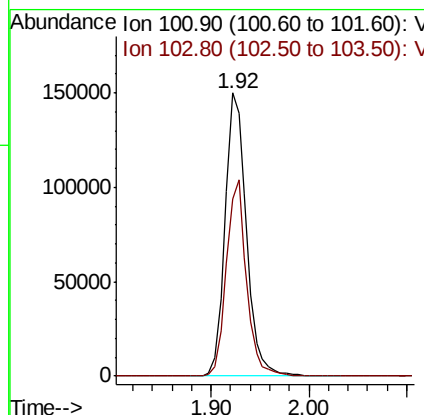
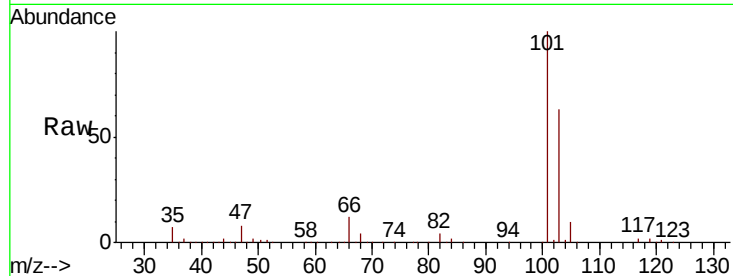
Trichlorofluoromethane
 Concen: 49.175 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 226209
 Ion Ratio Lower Upper
 101 100
 103 62.7 48.9 73.3

Manual Integrations
 APPROVED

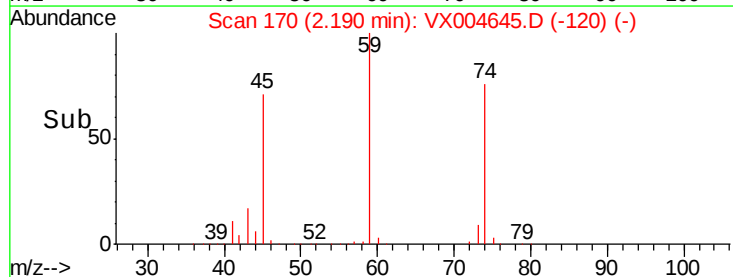
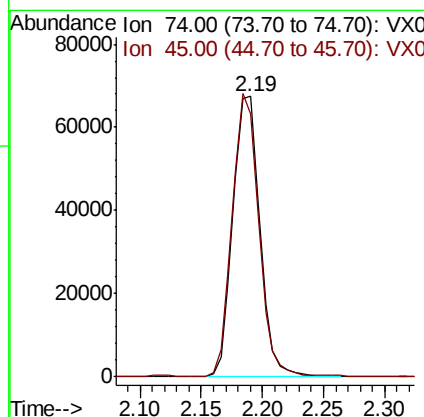
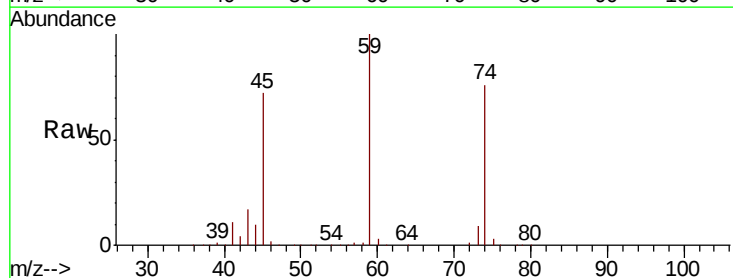
MMDadoda
 9/19/2018 12:39:17 PM



#8

Diethyl Ether
 Concen: 49.822 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion: 74 Resp: 102746
 Ion Ratio Lower Upper
 74 100
 45 99.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.485 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

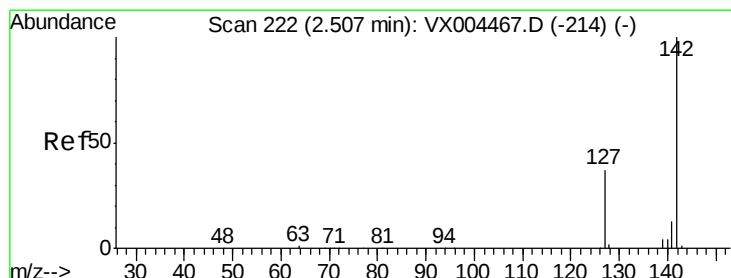
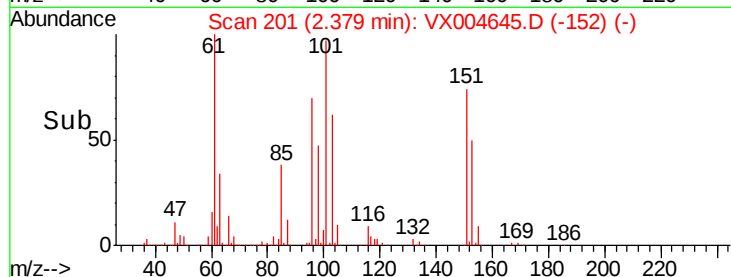
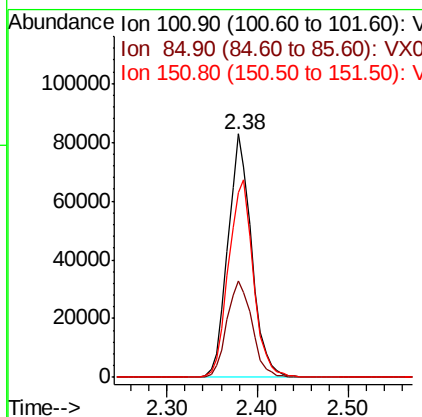
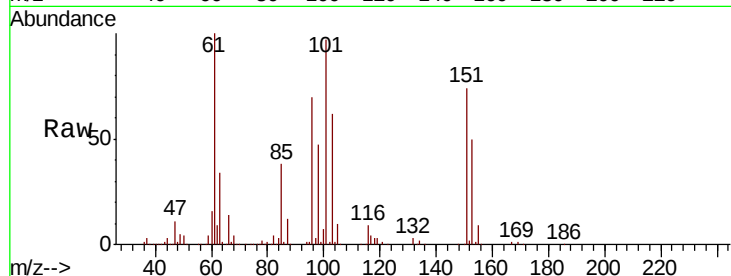
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	150241
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.4
151	84.6	65.0	97.6

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#10

Methyl Iodide

Concen: 45.234 ug/l

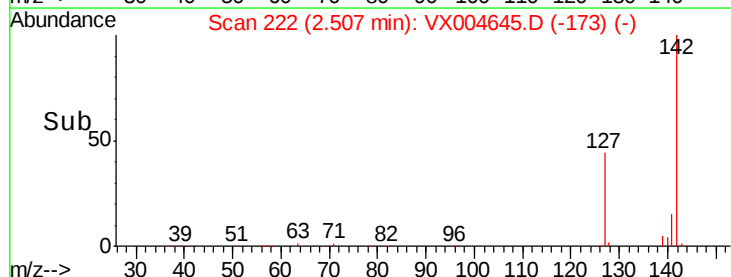
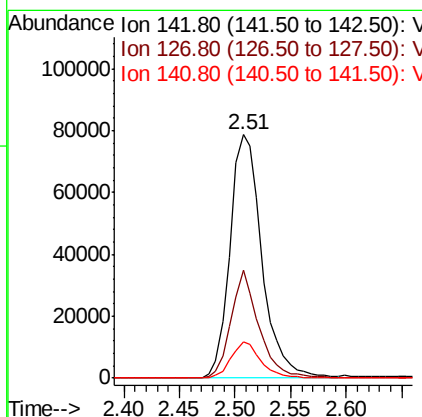
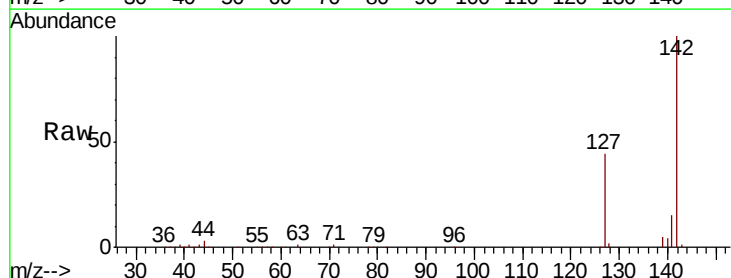
RT: 2.51 min Scan# 222

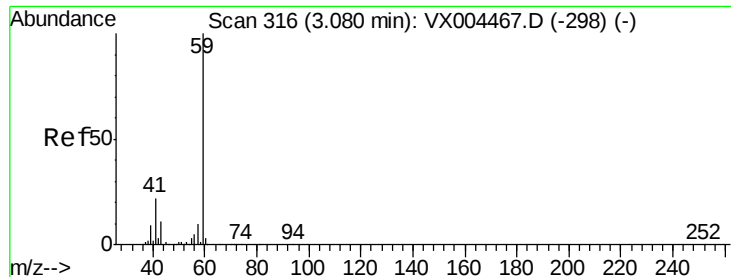
Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion:	142	Resp:	156242
Ion Ratio	Lower	Upper	
142	100		
127	38.9	33.8	50.6
141	14.0	11.4	17.0





#11

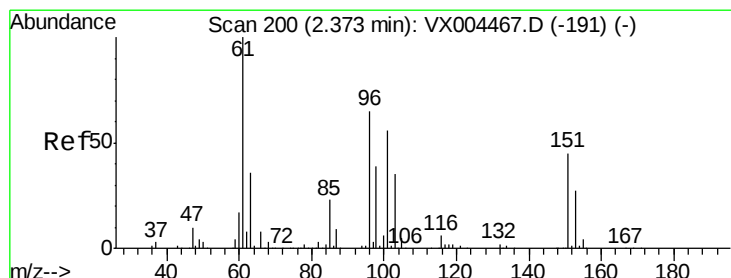
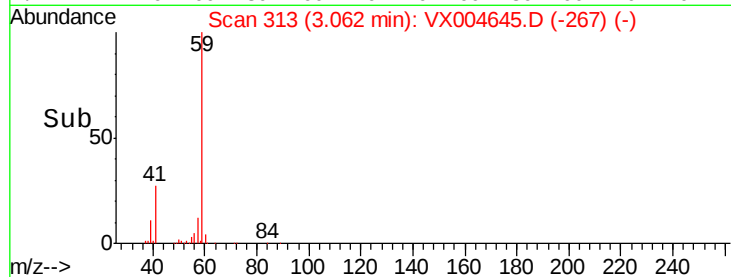
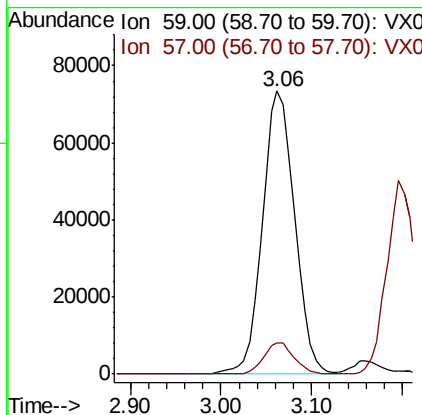
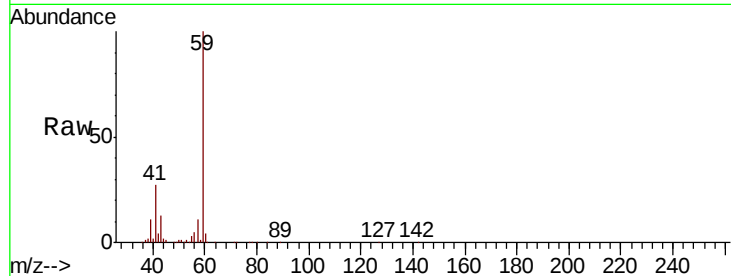
Tert butyl alcohol
Concen: 224.560 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
APPROVED

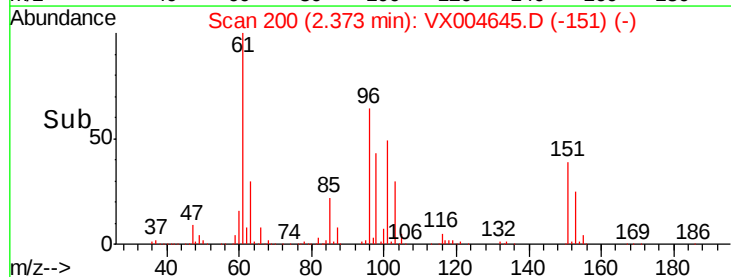
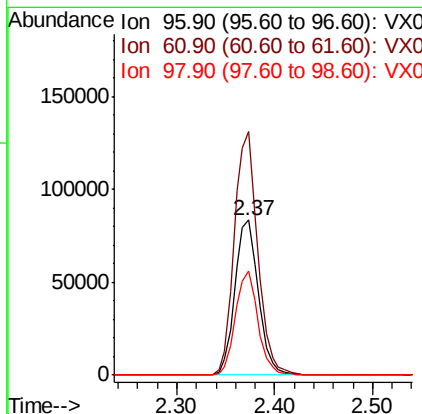
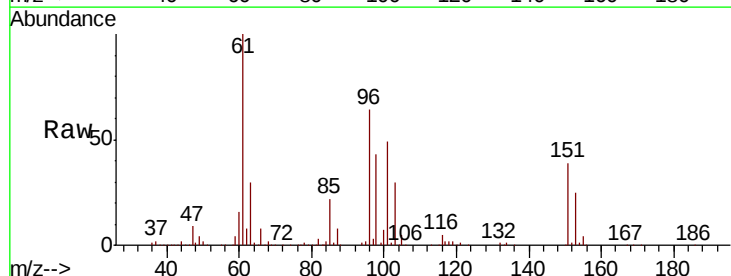
MMDadoda
9/19/2018 12:39:17 PM

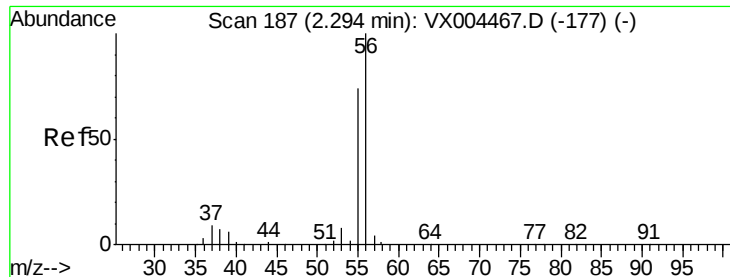


#12

1,1-Dichloroethene
Concen: 50.985 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	128.8	193.2
98	67.3	52.2	78.2





#13

Acrolein

Concen: 140.016 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 44574

Ion Ratio Lower Upper

56 100

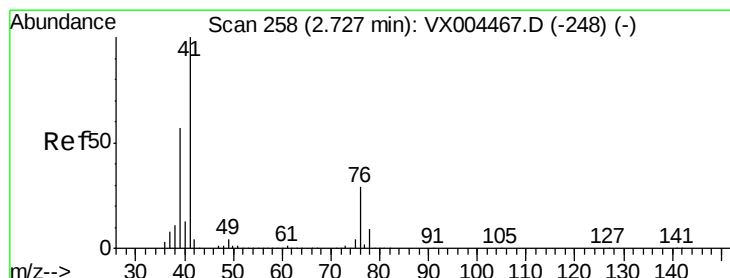
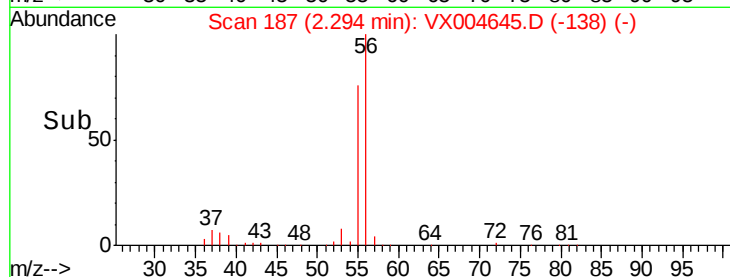
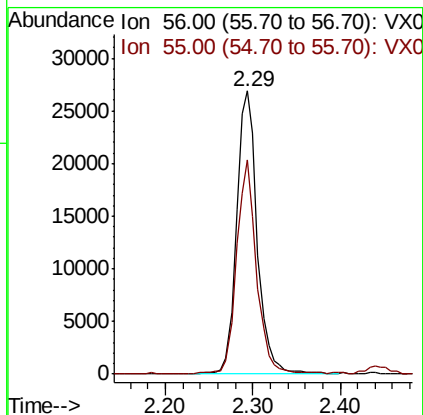
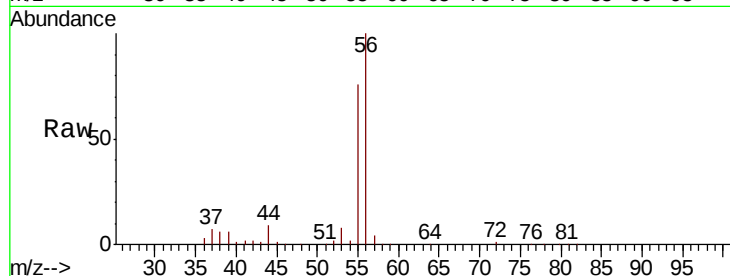
55 73.6 54.7 82.1

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM



#14

Allyl chloride

Concen: 50.840 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

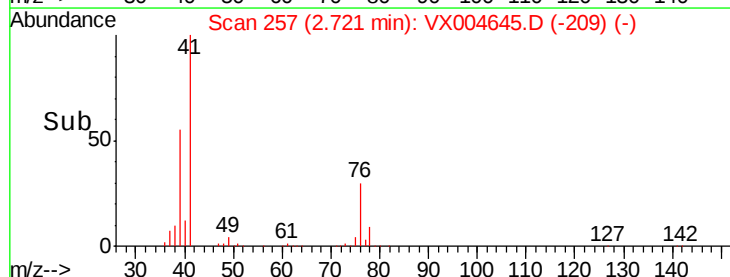
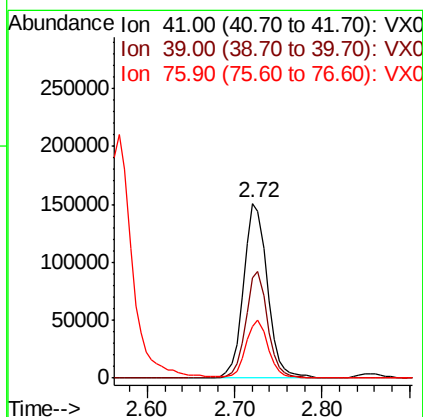
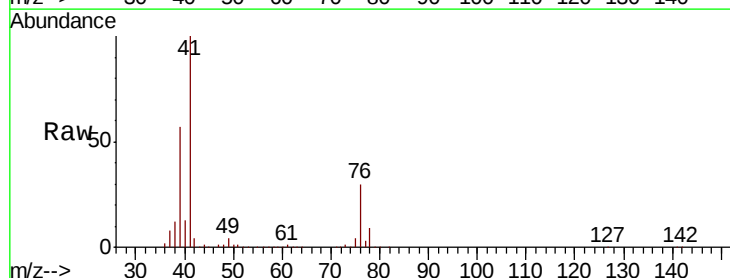
Tgt Ion: 41 Resp: 286268

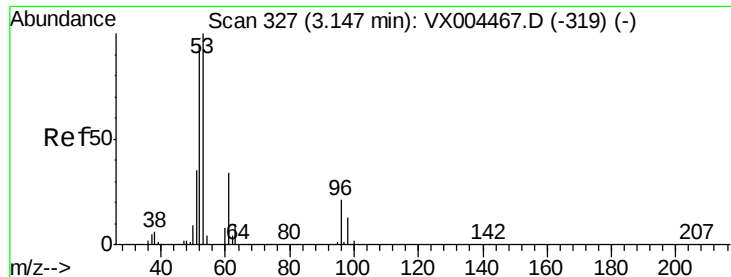
Ion Ratio Lower Upper

41 100

39 55.4 48.9 73.3

76 31.0 26.7 40.1





#15

Acrylonitrile

Concen: 241.740 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

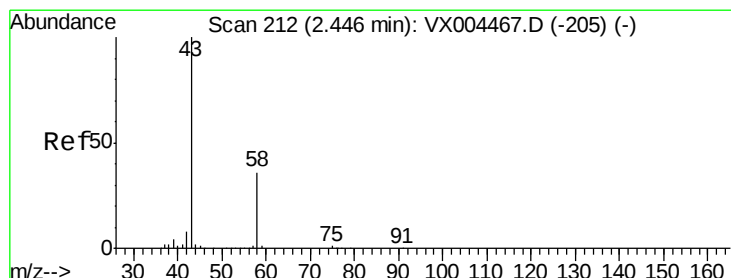
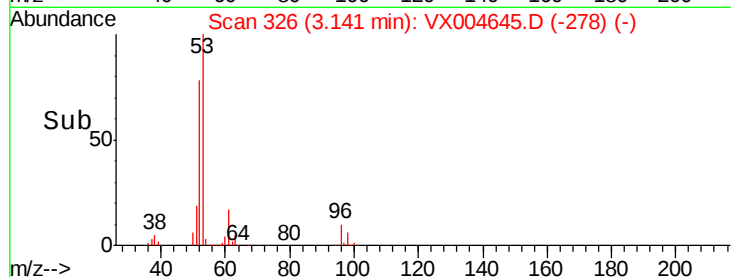
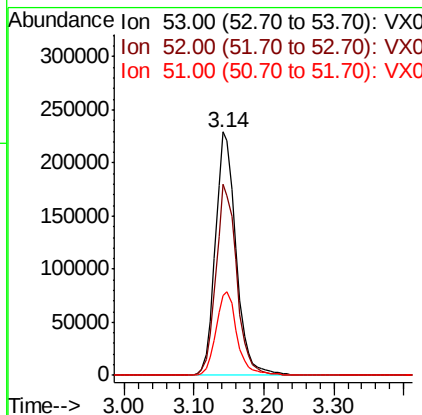
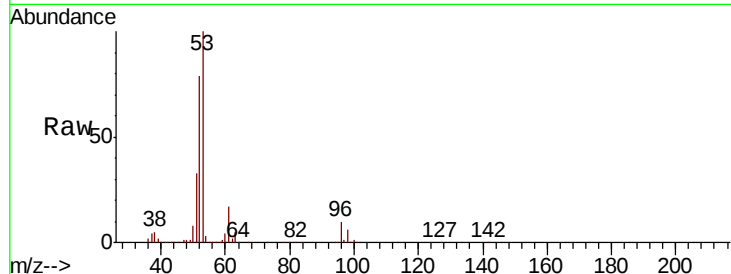
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	469479
Ion	Ratio	Lower	Upper
53	100		
52	78.9	65.2	97.8
51	34.9	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#16

Acetone

Concen: 228.648 ug/l

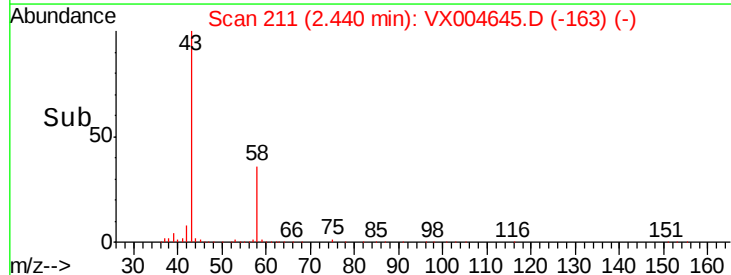
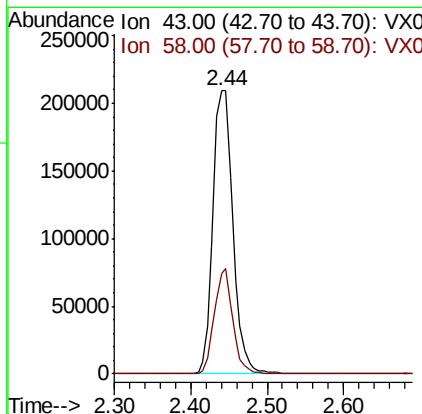
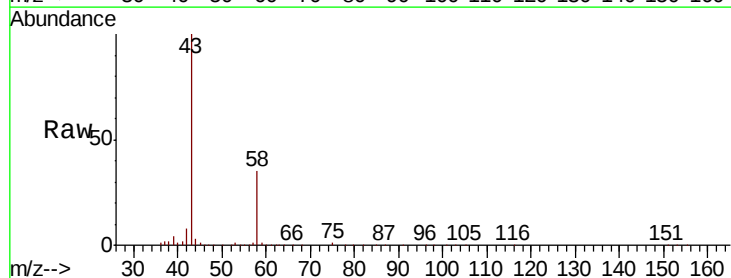
RT: 2.44 min Scan# 211

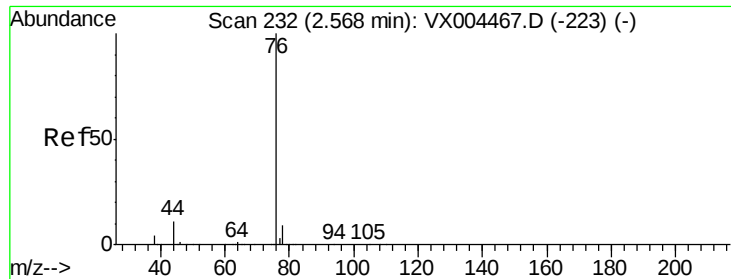
Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion:	43	Resp:	377178
Ion	Ratio	Lower	Upper
43	100		
58	35.5	26.2	39.4





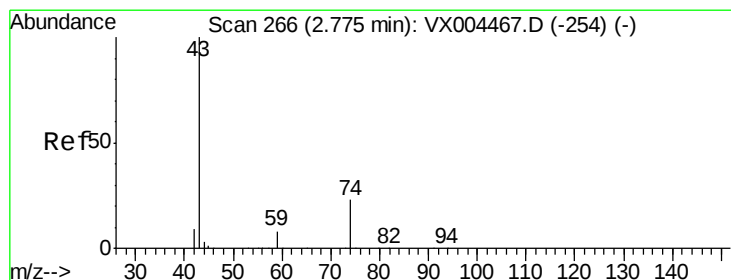
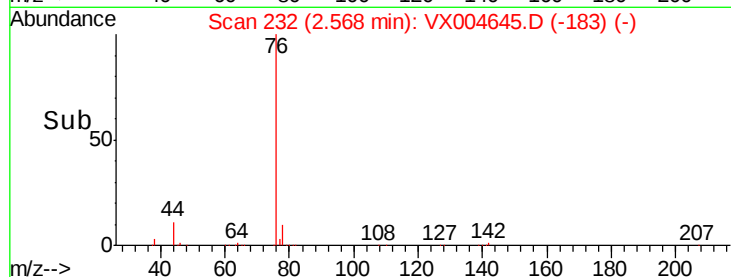
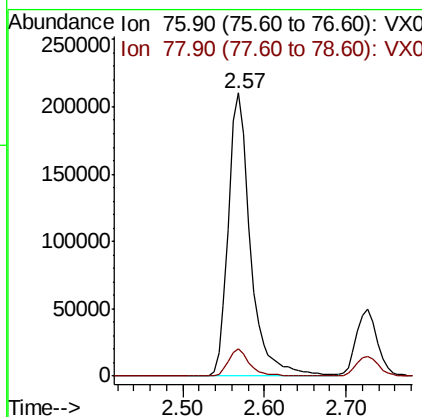
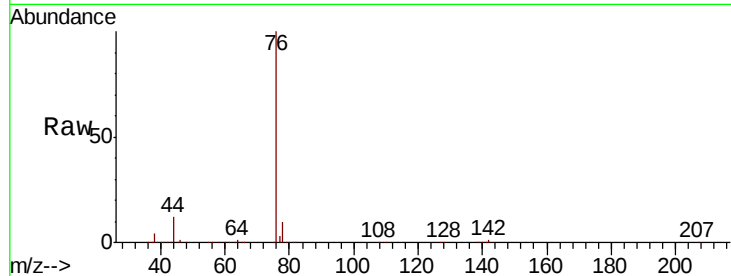
#17
Carbon Disulfide
Concen: 49.728 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 393677
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

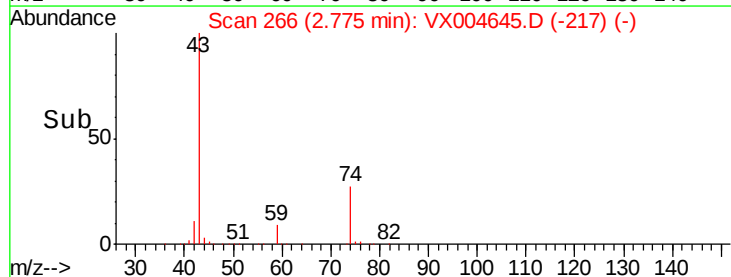
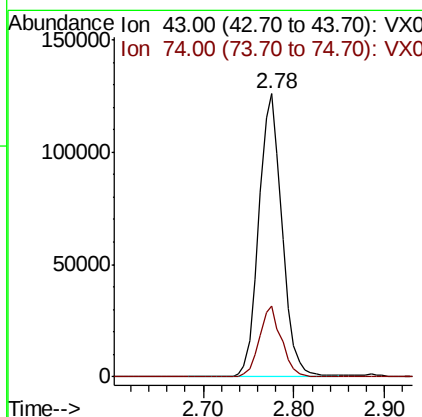
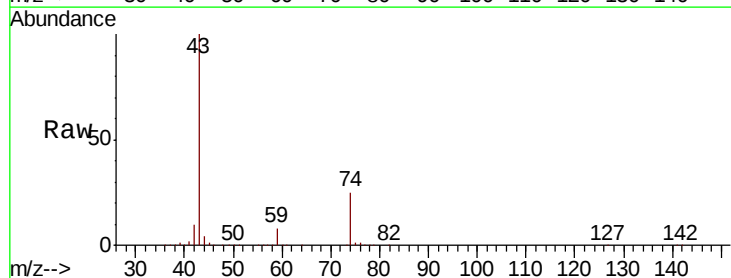
Manual Integrations
APPROVED

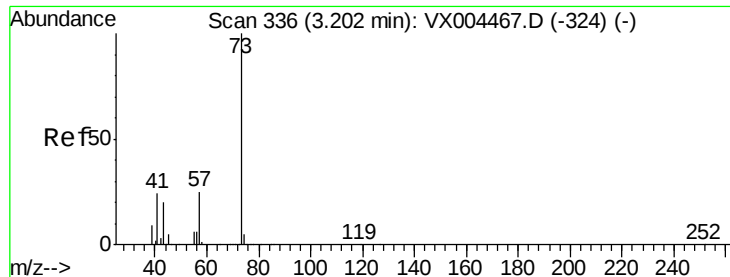
MMDadoda
9/19/2018 12:39:17 PM



#18
Methyl Acetate
Concen: 48.045 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 43 Resp: 222359
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





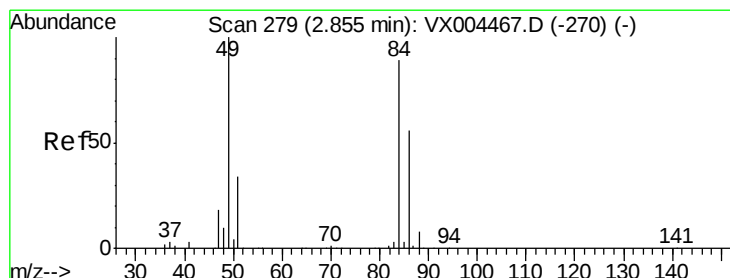
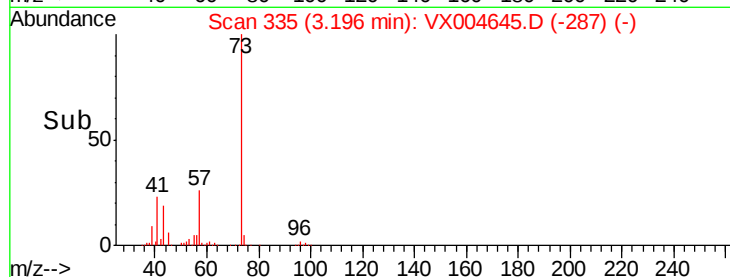
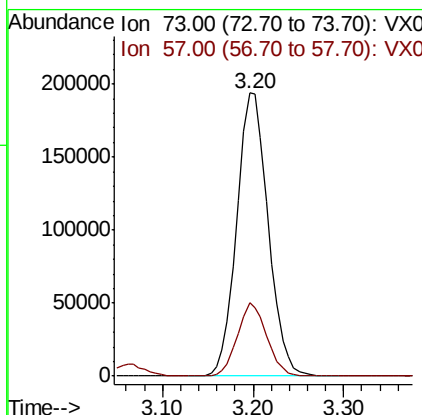
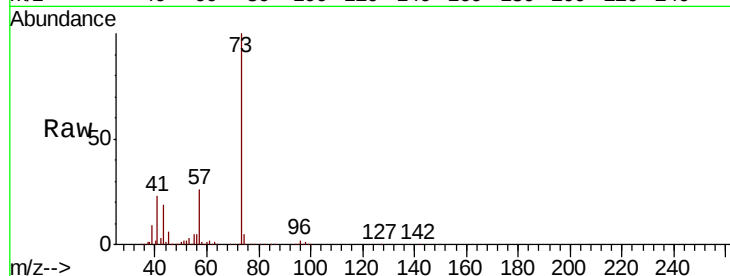
#19
Methyl tert-butyl Ether
Concen: 48.550 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 466560
Ion Ratio Lower Upper
73 100
57 25.9 17.1 25.7#

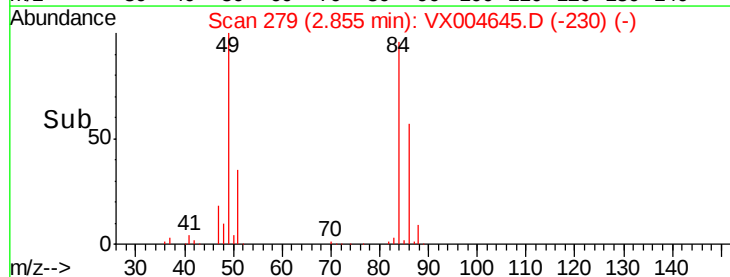
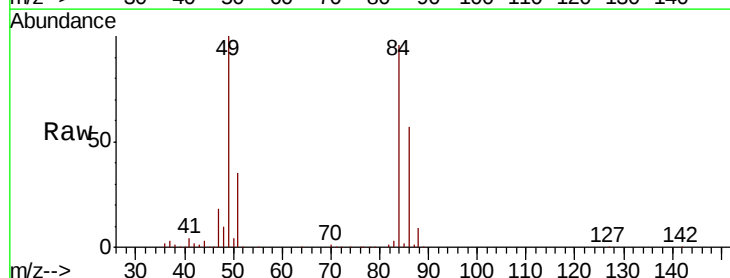
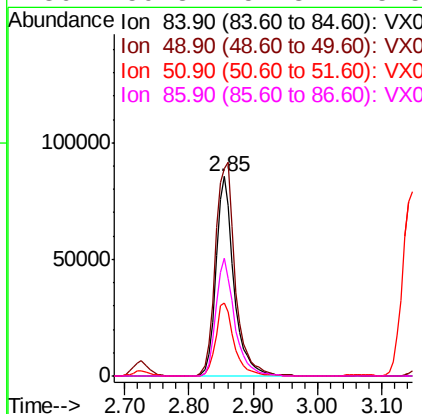
Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#20
Methylene Chloride
Concen: 49.556 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 84 Resp: 167695
Ion Ratio Lower Upper
84 100
49 103.7 101.2 151.8
51 36.6 29.5 44.3
86 59.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.089 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 148566

Ion Ratio Lower Upper

96 100

61 147.2 113.8 170.6

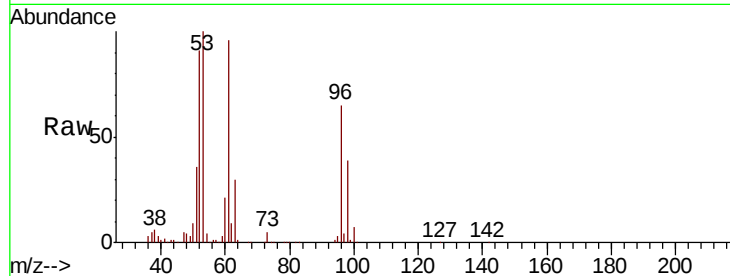
98 60.1 51.8 77.8

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM

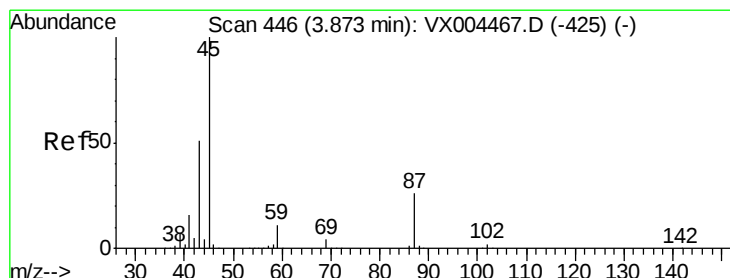
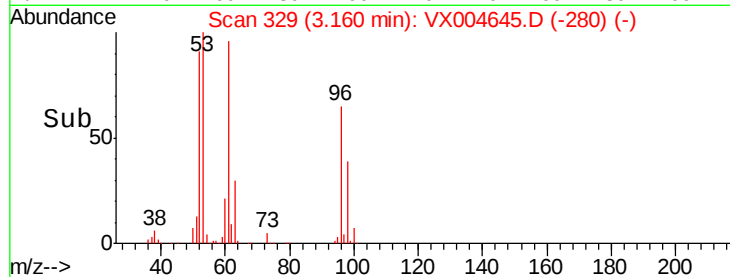
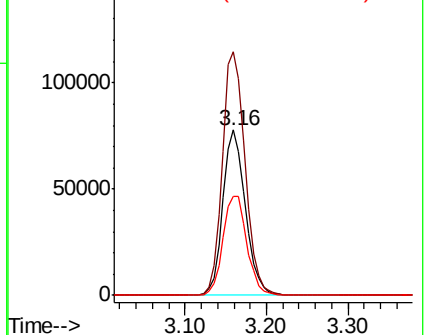


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.185 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion: 45 Resp: 498802

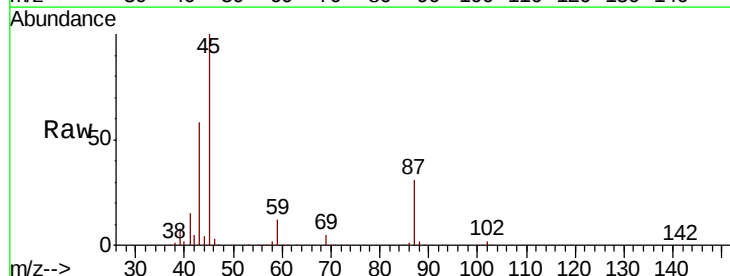
Ion Ratio Lower Upper

45 100

43 58.2 42.8 64.2

87 31.2 22.6 34.0

59 11.7 9.6 14.4



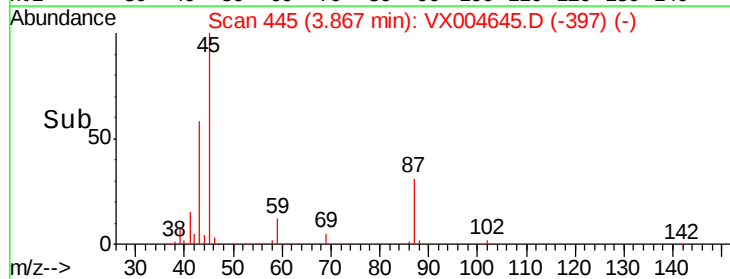
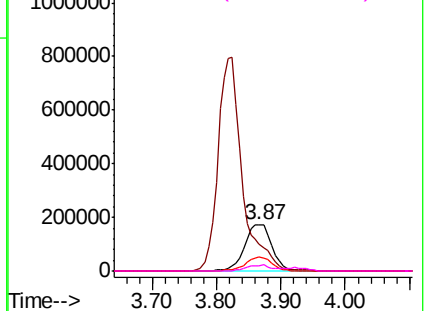
Abundance

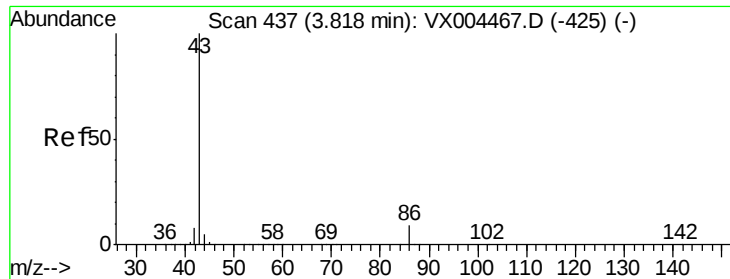
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.631 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2114326

Ion Ratio Lower Upper

43 100

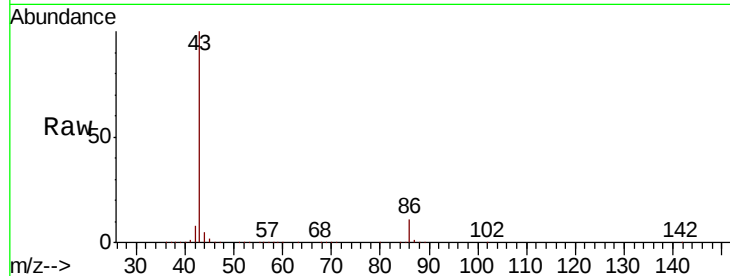
86 10.6 8.9 13.3

Manual Integrations

APPROVED

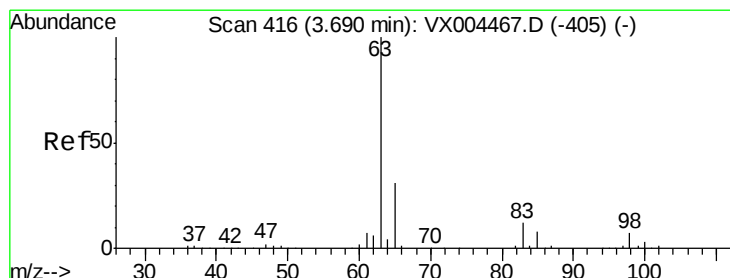
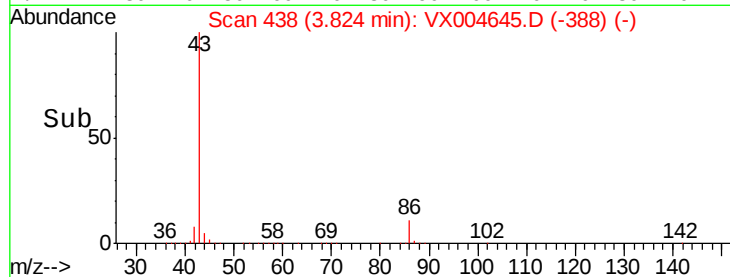
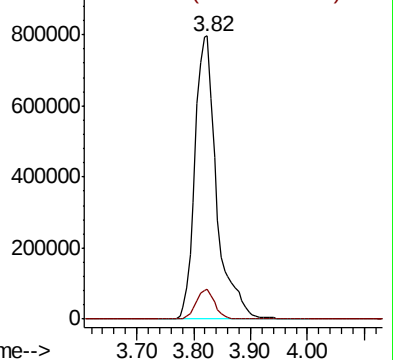
MMDadoda

9/19/2018 12:39:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.651 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

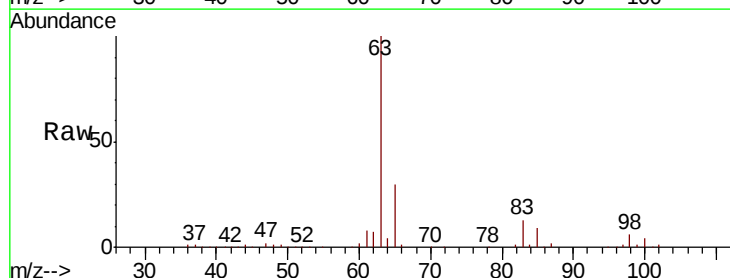
Tgt Ion: 63 Resp: 295733

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.4

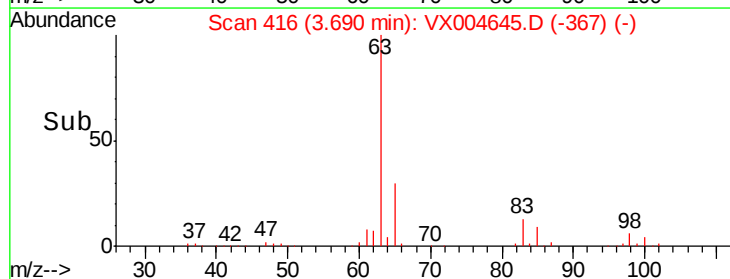
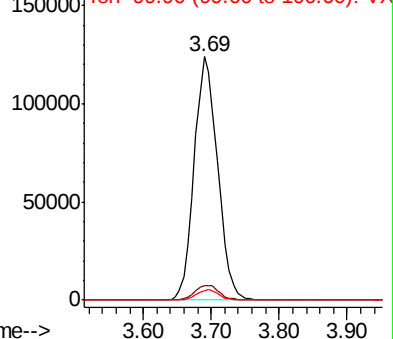
100 4.1 2.4 7.1

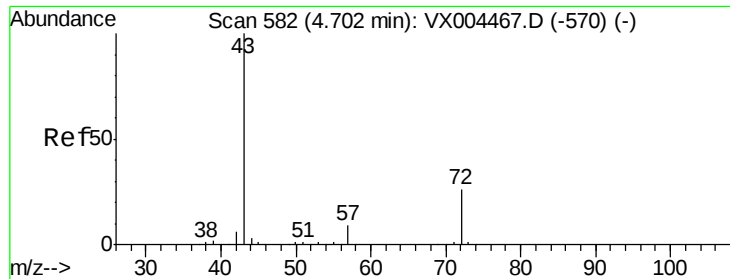


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 217.070 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 569888

Ion Ratio Lower Upper

43 100

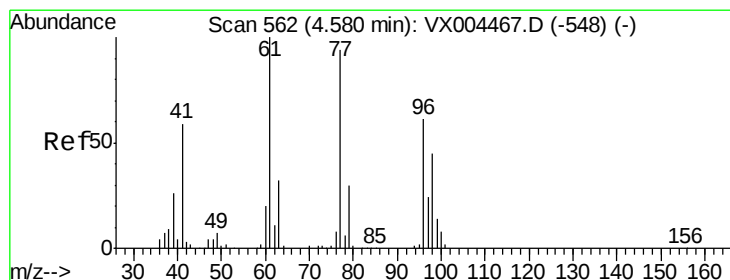
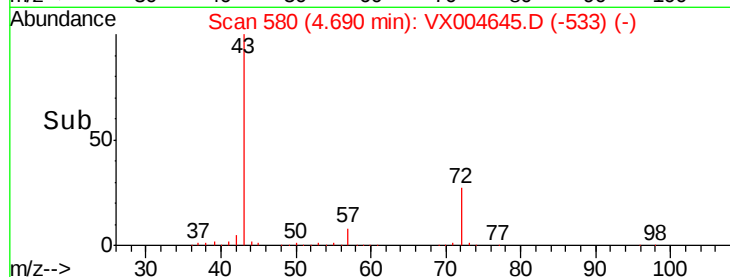
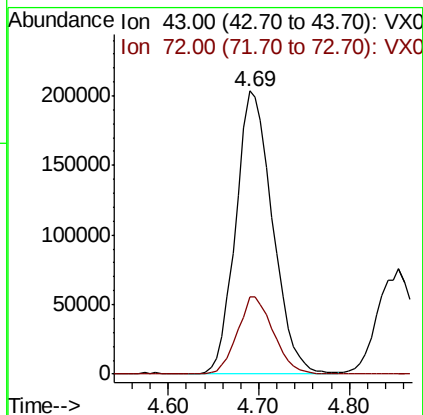
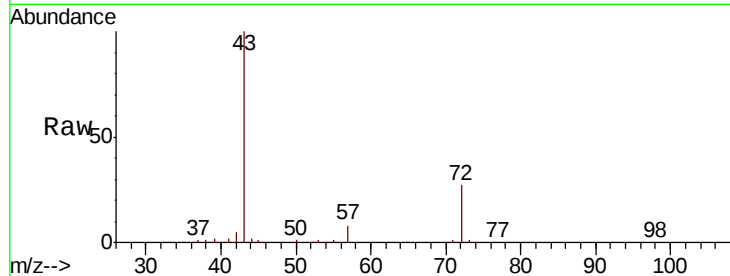
72 27.4 22.0 33.0

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM



#26

2,2-Dichloropropane

Concen: 55.065 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004645.D

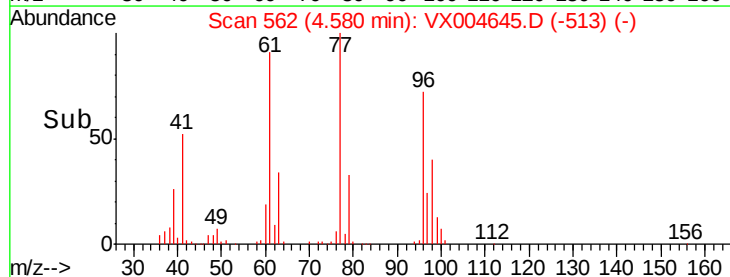
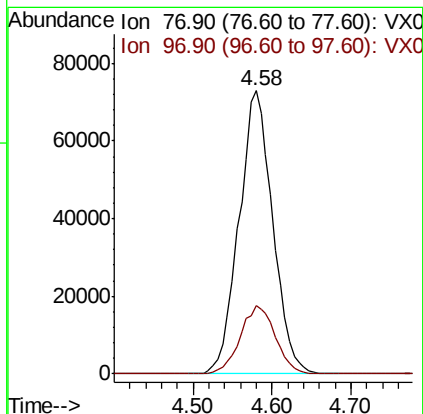
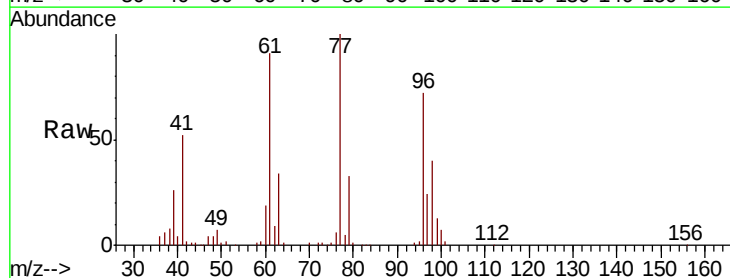
Acq: 18 Sep 2018 09:07

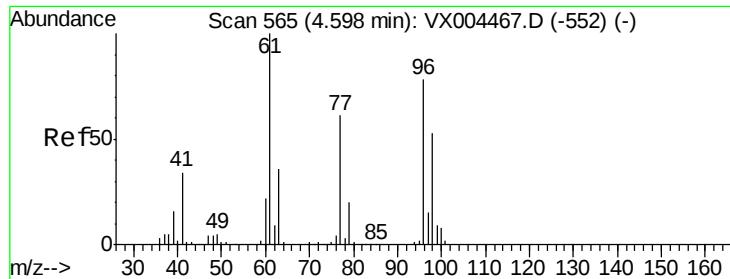
Tgt Ion: 77 Resp: 216546

Ion Ratio Lower Upper

77 100

97 25.0 11.7 35.0





#27

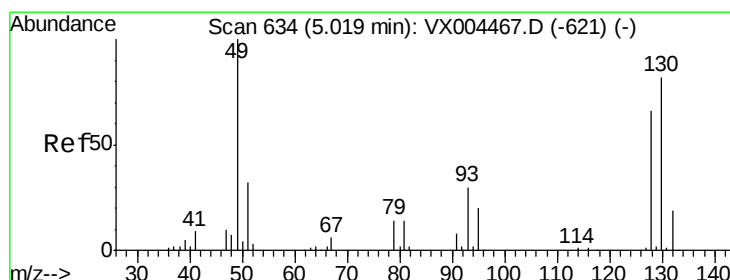
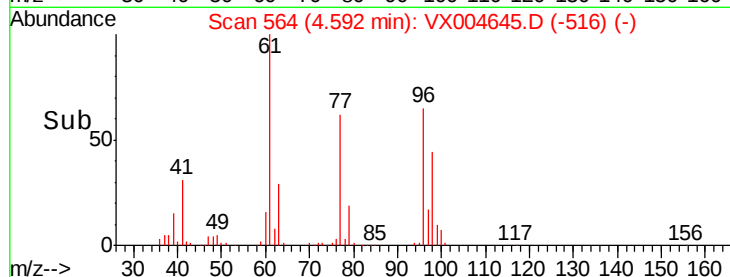
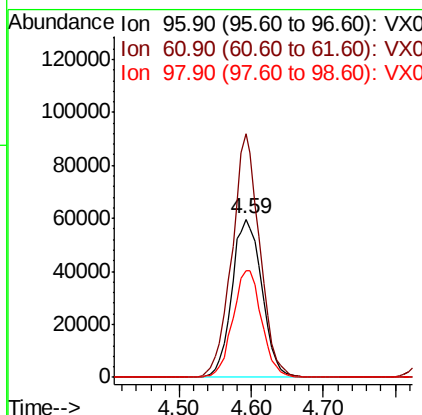
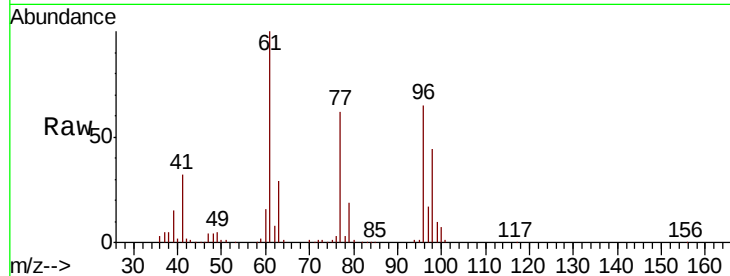
cis-1,2-Dichloroethene
Concen: 51.018 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	282.6
98	65.0	0.0	130.2

Manual Integrations
APPROVED

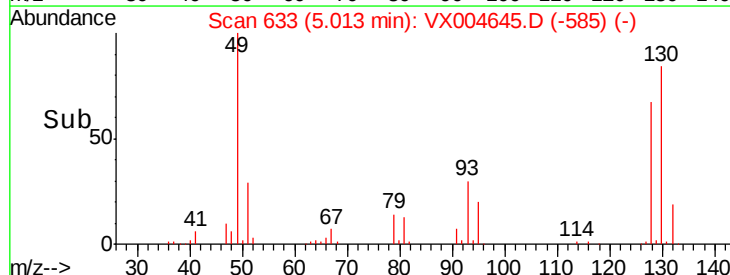
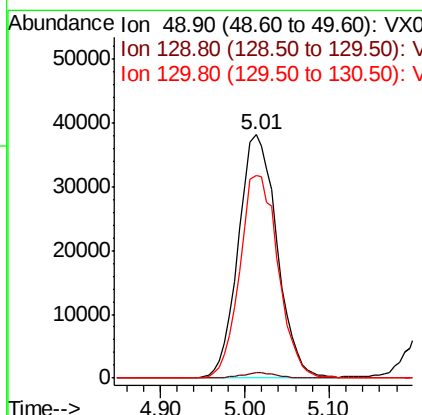
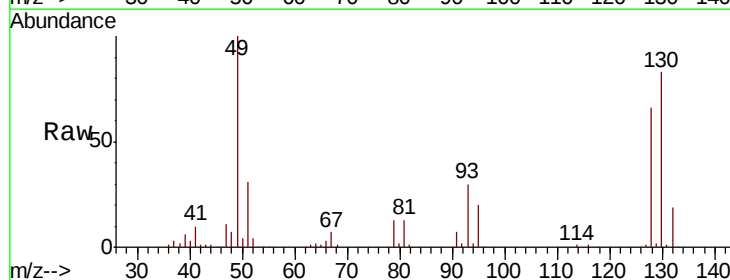
MMDadoda
9/19/2018 12:39:17 PM

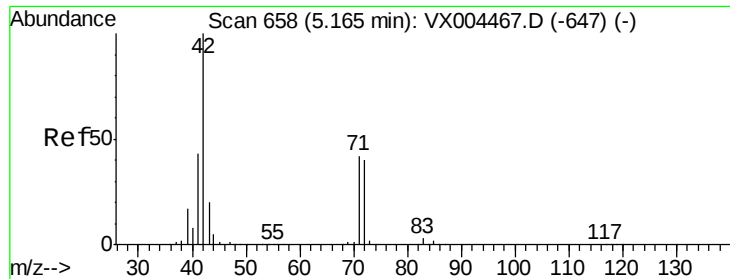


#28

Bromochloromethane
Concen: 45.347 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.9	67.5	101.3





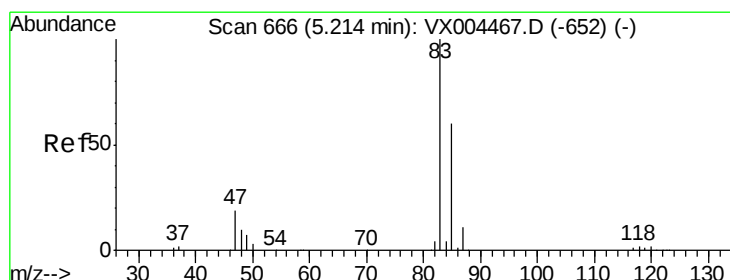
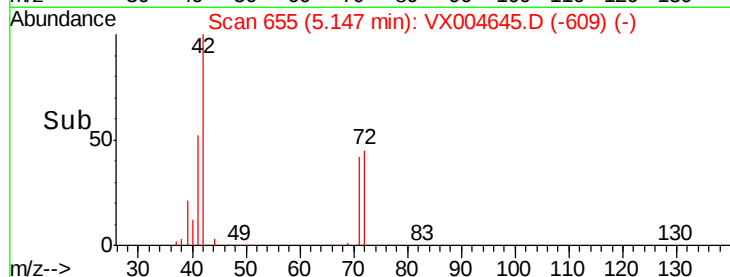
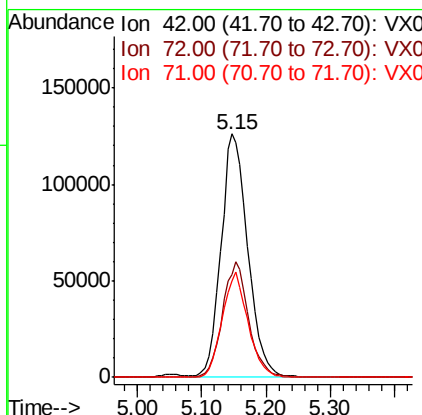
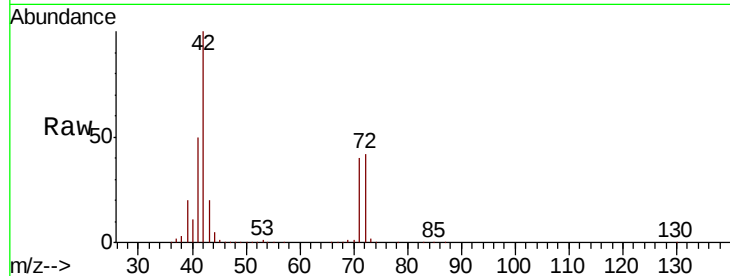
#29
Tetrahydrofuran
Concen: 232.942 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.02 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.4	56.0
71	41.8	34.5	51.7

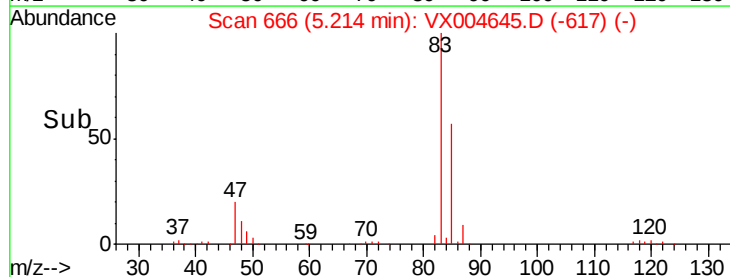
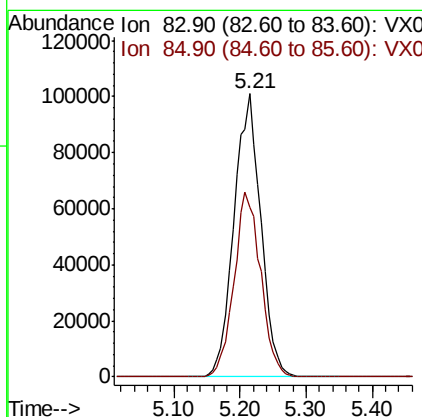
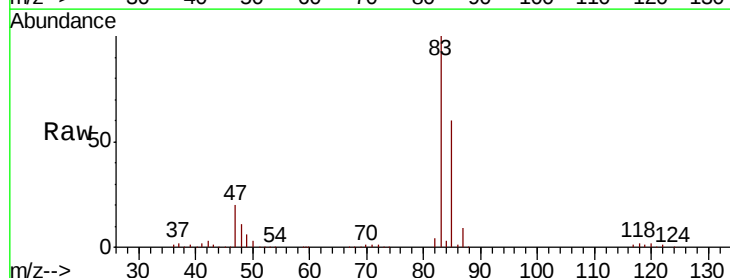
Manual Integrations
APPROVED

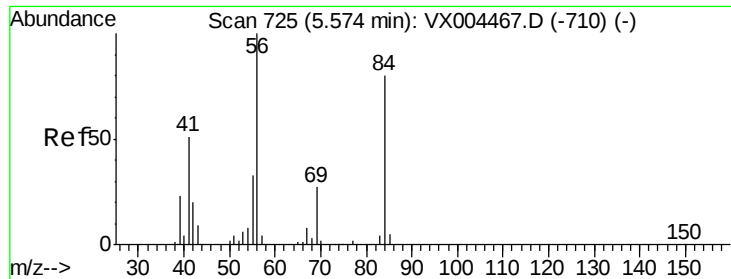
MMDadoda
9/19/2018 12:39:17 PM



#30
Chloroform
Concen: 50.794 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.0	52.6	79.0





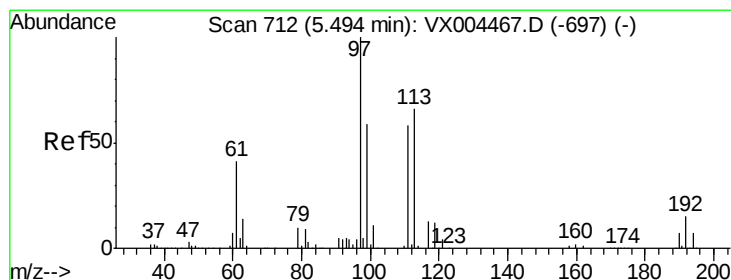
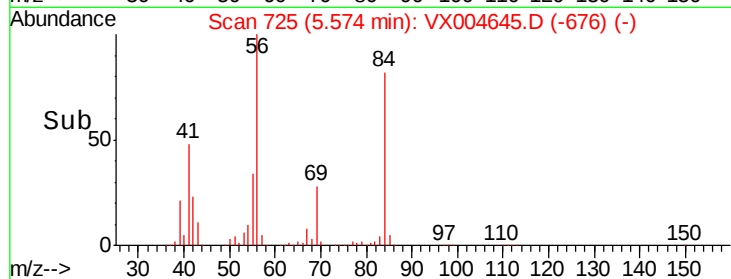
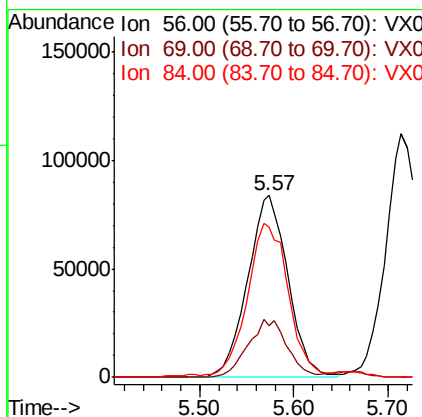
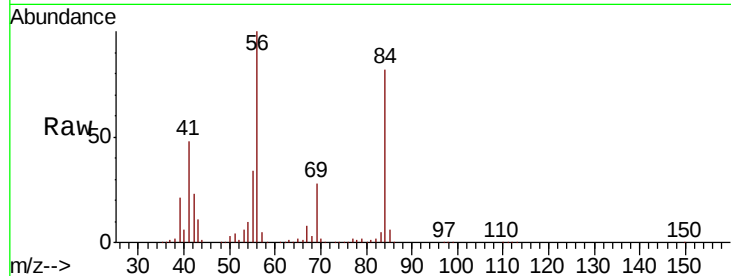
#31
Cyclohexane
Concen: 51.283 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.1	25.4	38.2
84	80.9	71.4	107.2

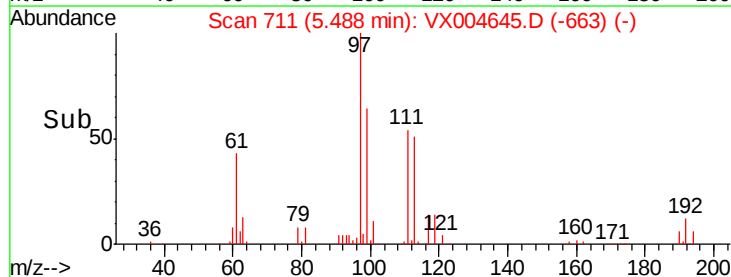
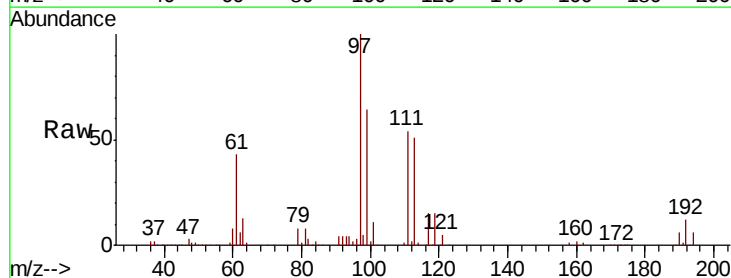
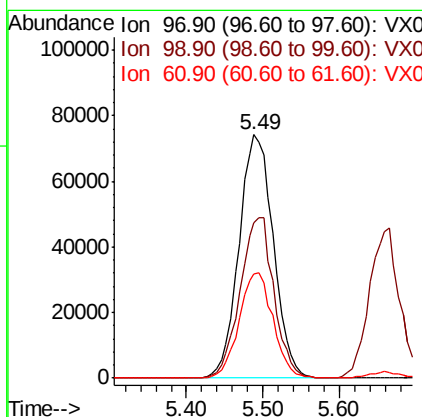
Manual Integrations
APPROVED

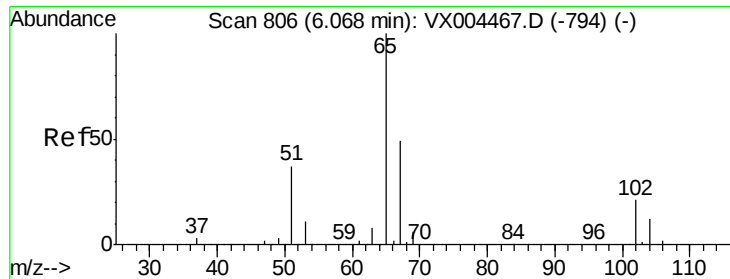
MMDadoda
9/19/2018 12:39:17 PM



#32
1,1,1-Trichloroethane
Concen: 51.442 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	42.8	34.9	52.3





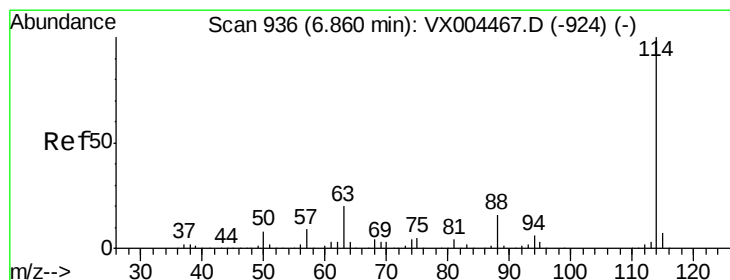
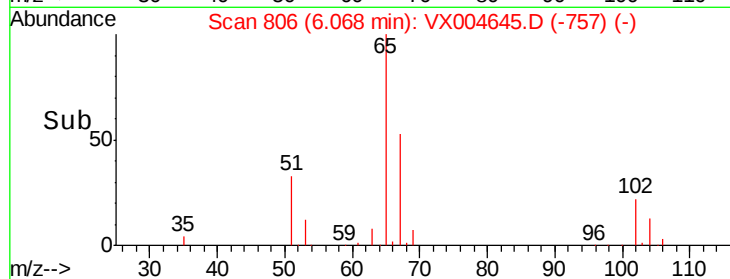
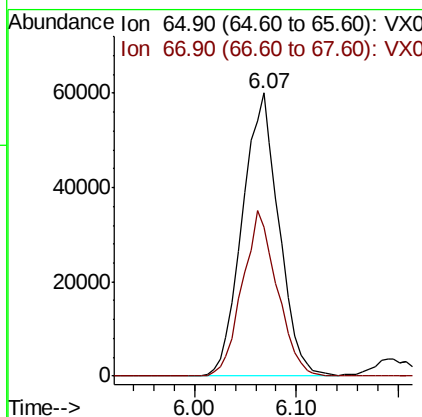
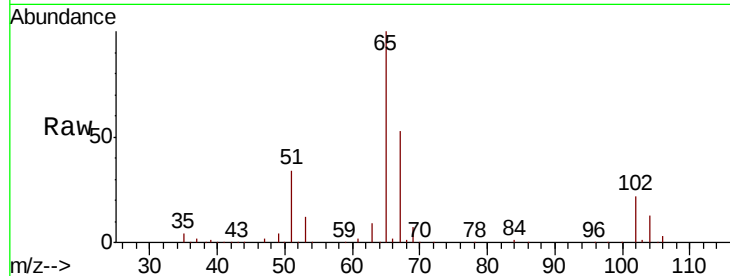
#33
 1,2-Dichloroethane-d4
 Concen: 44.348 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	149888		
67	55.9	0.0	106.8	

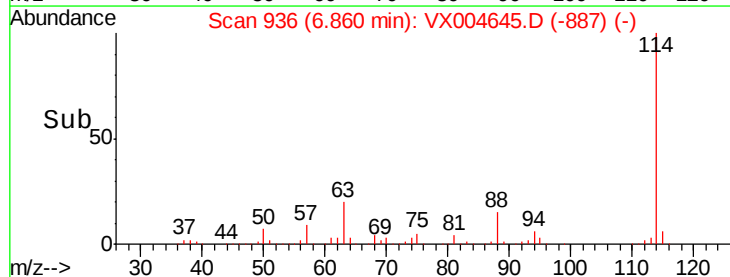
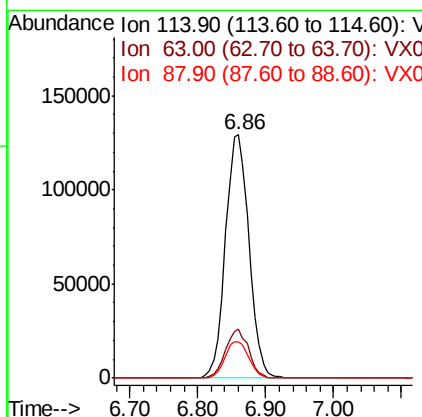
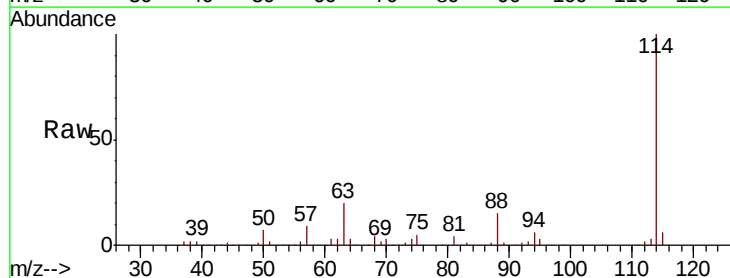
Manual Integrations
 APPROVED

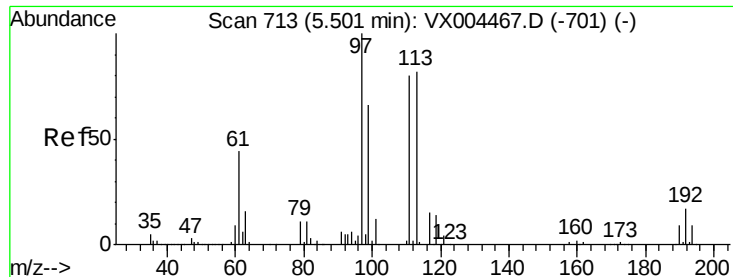
MMDadoda
 9/19/2018 12:39:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	309597		
63	20.0	0.0	39.0	
88	15.1	0.0	30.4	





#35

Dibromofluoromethane

Concen: 47.584 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

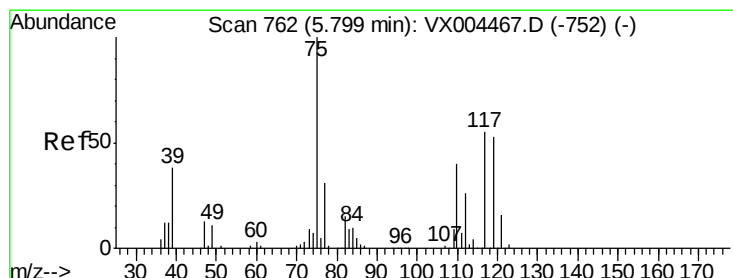
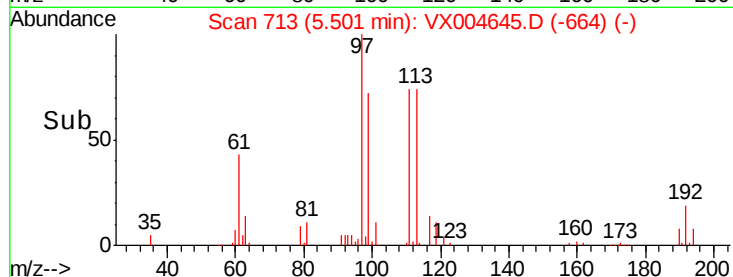
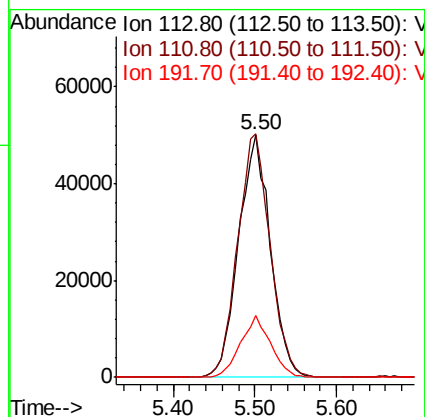
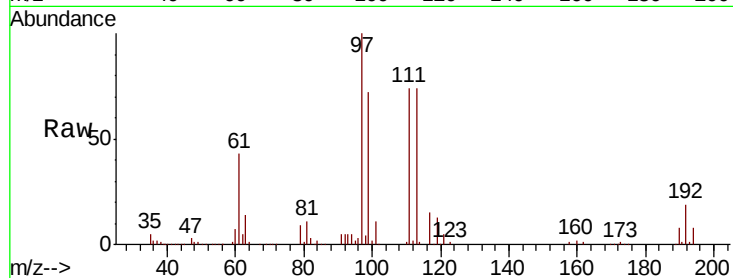
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	134809
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	24.1	19.4	29.2

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#36

1,1-Dichloropropene

Concen: 57.752 ug/l

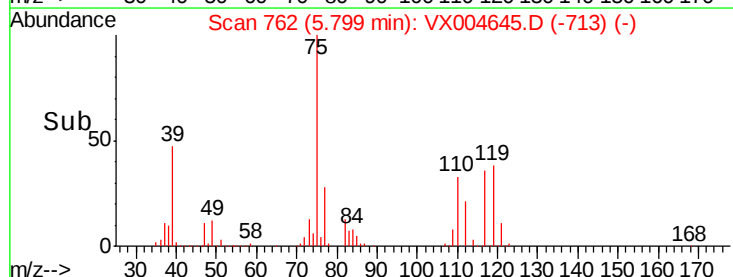
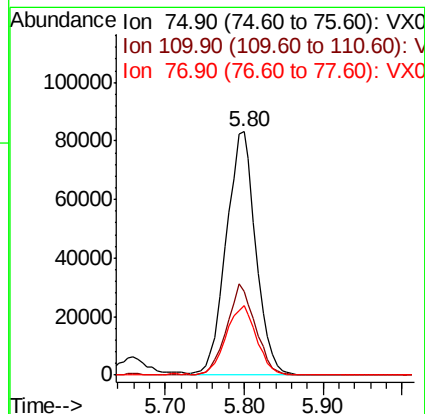
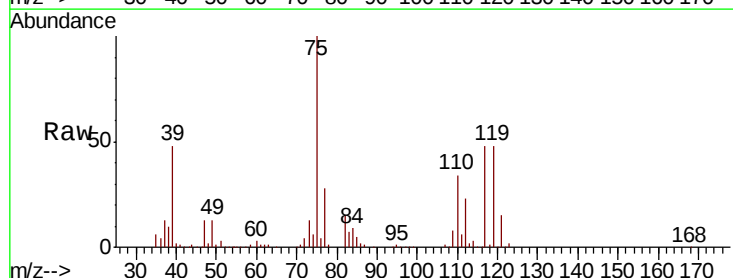
RT: 5.80 min Scan# 762

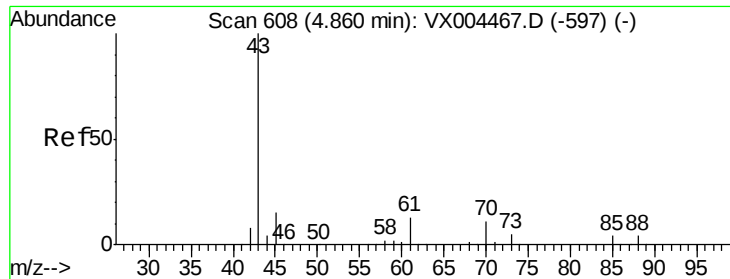
Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion:	75	Resp:	217070
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.0	54.0
77	29.4	24.6	36.8





#37

Ethyl Acetate

Concen: 50.865 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

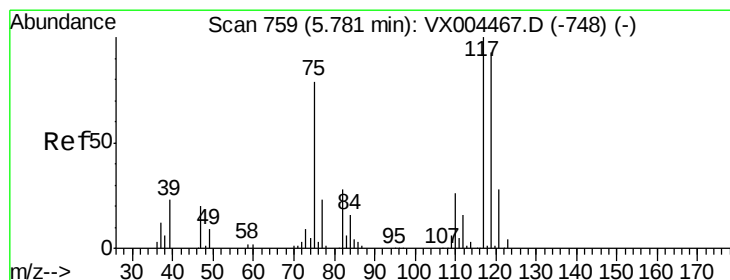
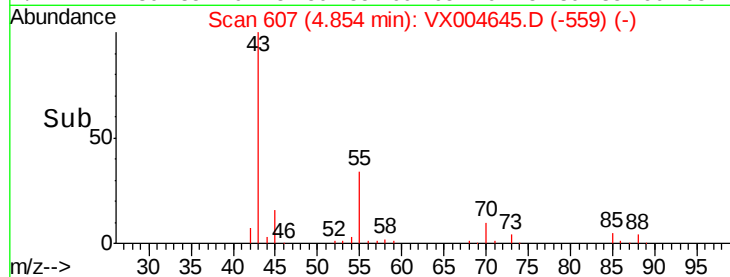
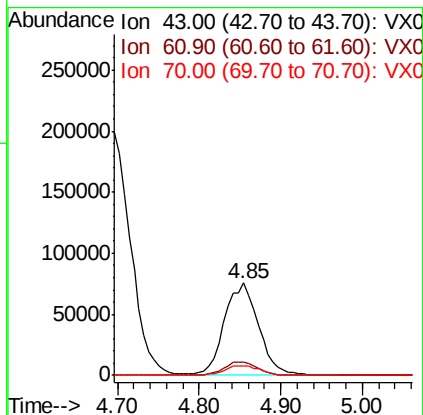
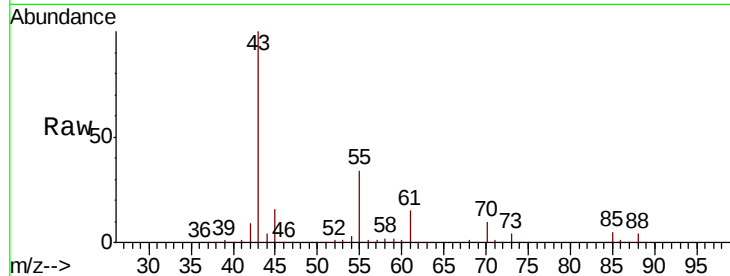
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	217444
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	10.8	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#38

Carbon Tetrachloride

Concen: 56.177 ug/l

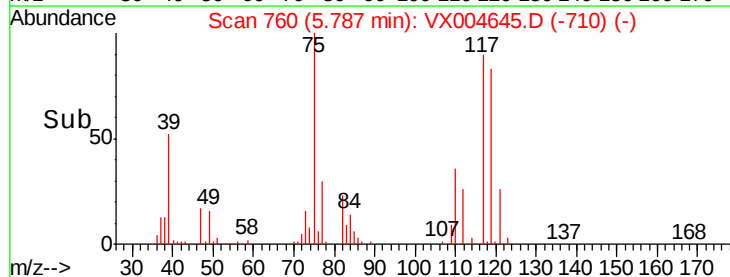
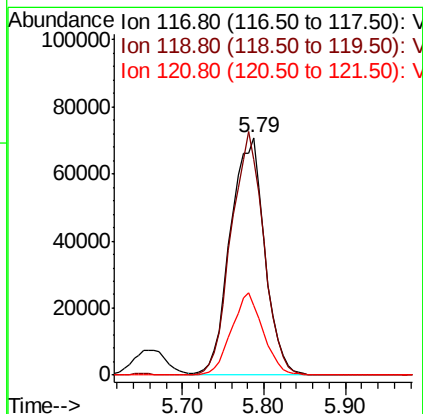
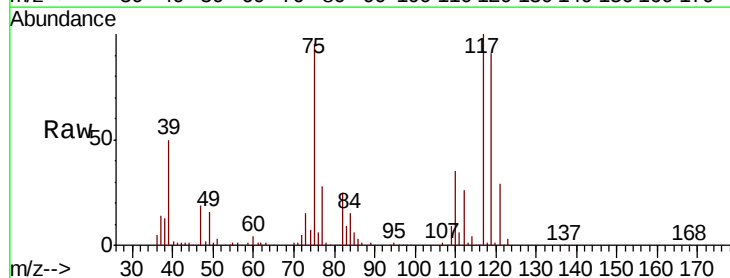
RT: 5.79 min Scan# 760

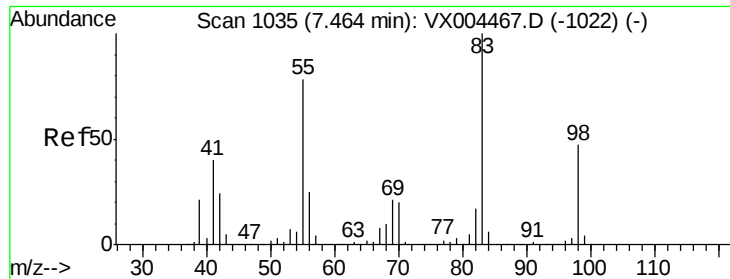
Delta R.T. 0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion:	117	Resp:	206238
Ion	Ratio	Lower	Upper
117	100		
119	90.7	78.8	118.2
121	29.1	24.9	37.3





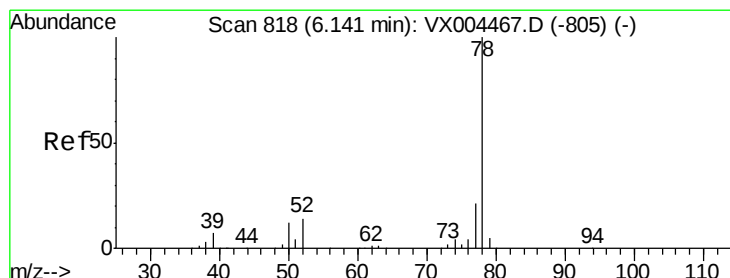
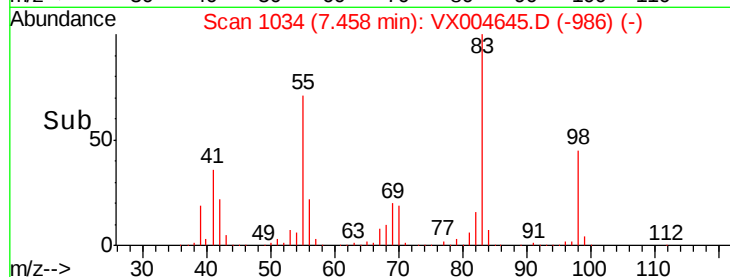
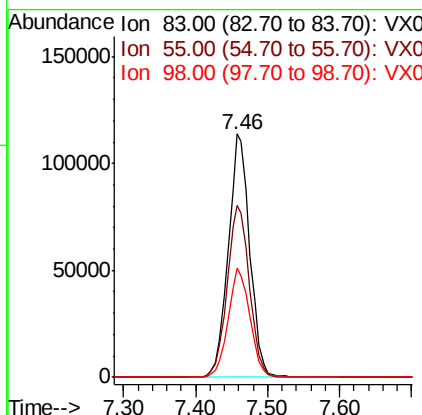
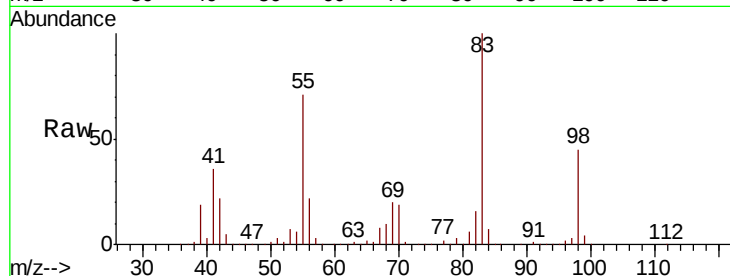
#39
Methylcyclohexane
Concen: 60.202 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	236128		
55	70.7	61.0	91.4	
98	44.9	39.6	59.4	

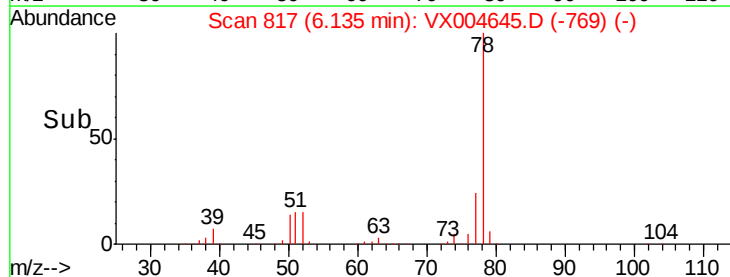
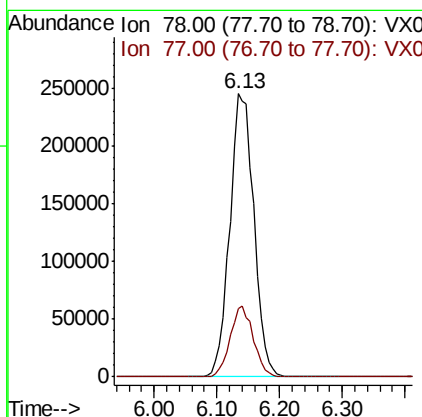
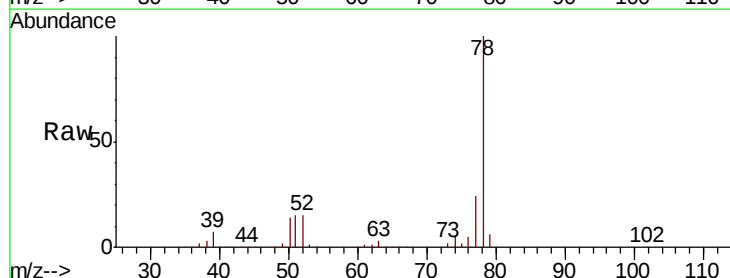
Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#40
Benzene
Concen: 58.428 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	651602		
77	24.1	19.0	28.4	





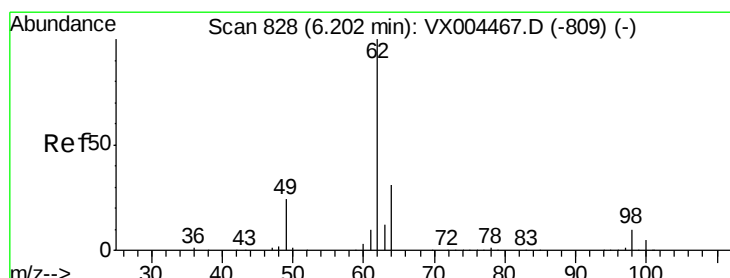
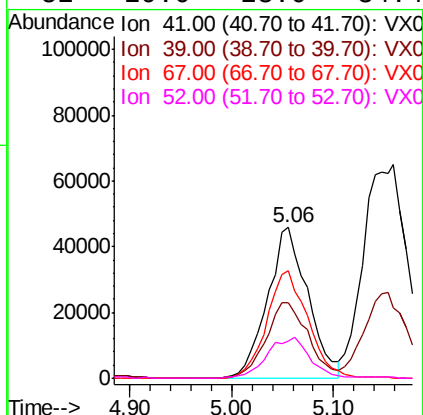
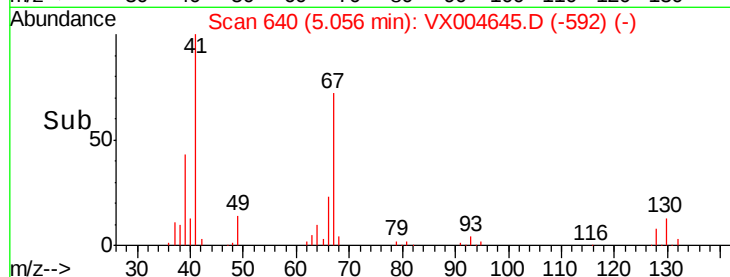
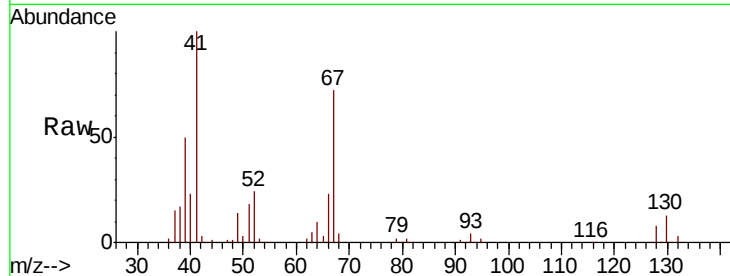
#41
Methacrylonitrile
Concen: 53.282 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	42.4	63.6	
67	73.1	59.2	88.8	
52	29.0	23.0	34.4	

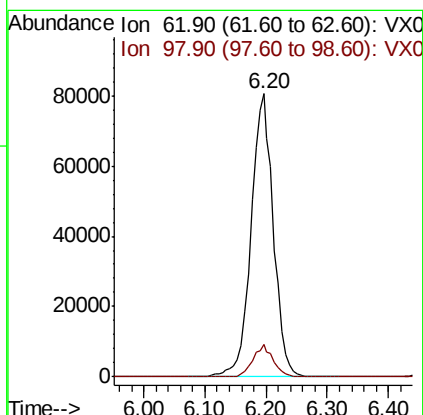
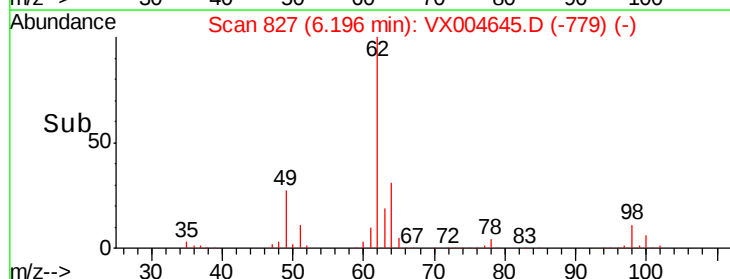
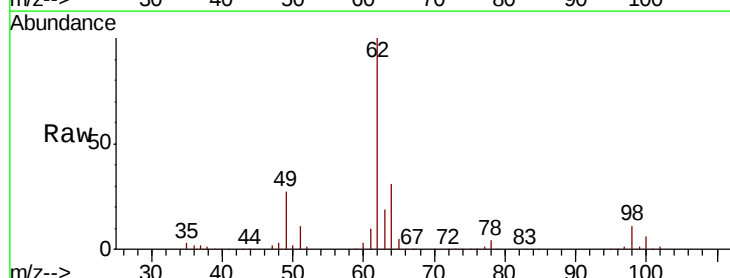
Manual Integrations
APPROVED

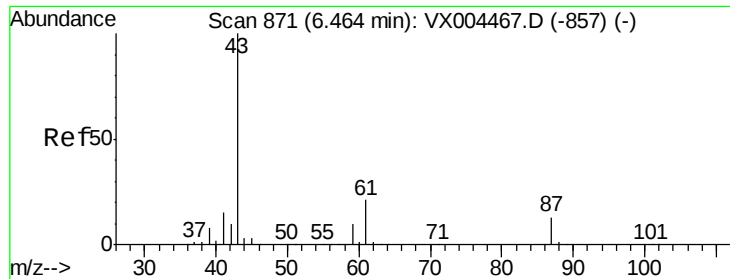
MMDadoda
9/19/2018 12:39:17 PM



#42
1,2-Dichloroethane
Concen: 55.660 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.6	





#43

Isopropyl Acetate

Concen: 57.100 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

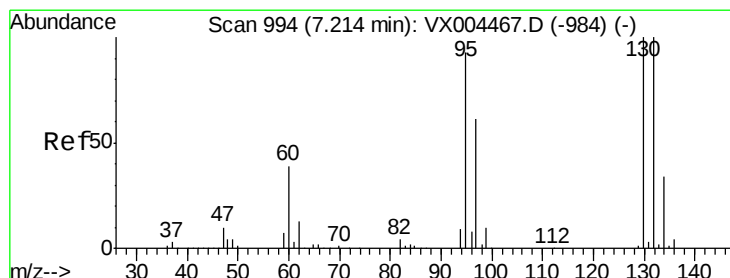
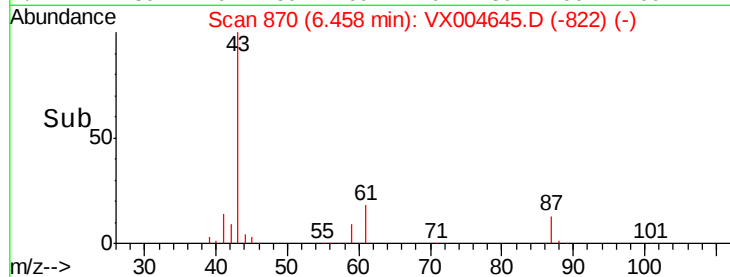
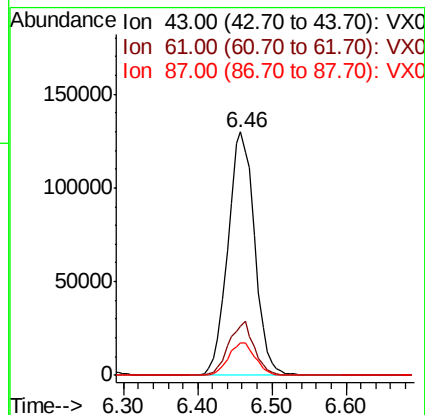
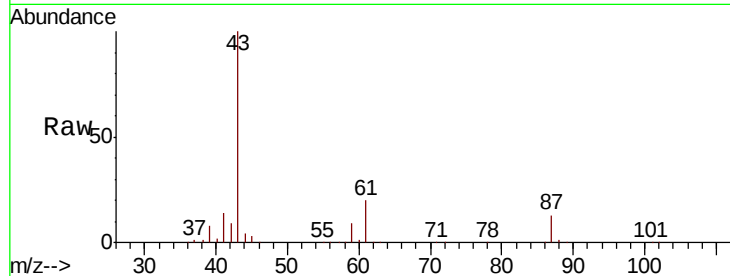
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	324208
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	13.5	11.4	17.2

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#44

Trichloroethene

Concen: 58.972 ug/l

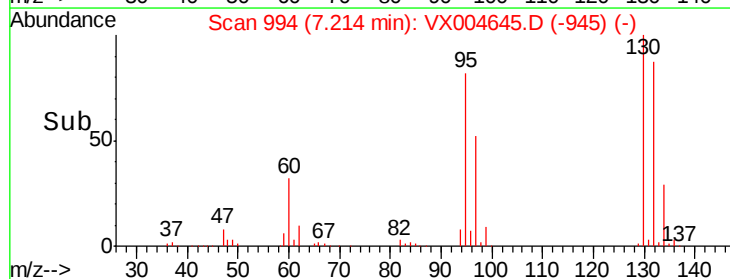
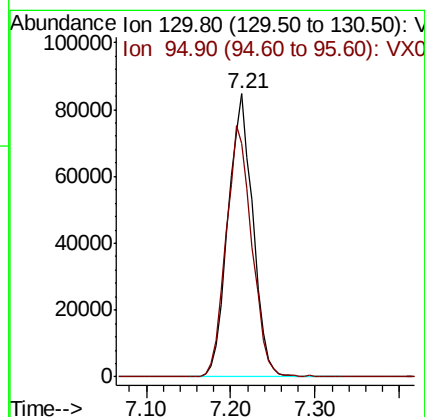
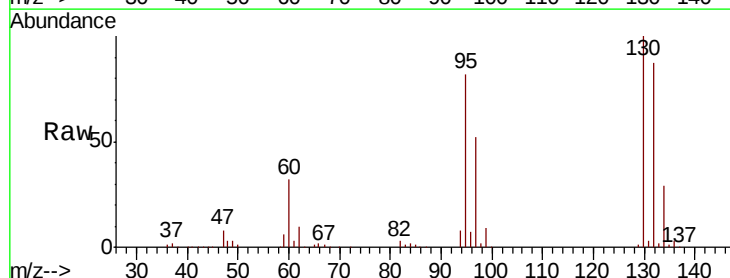
RT: 7.21 min Scan# 994

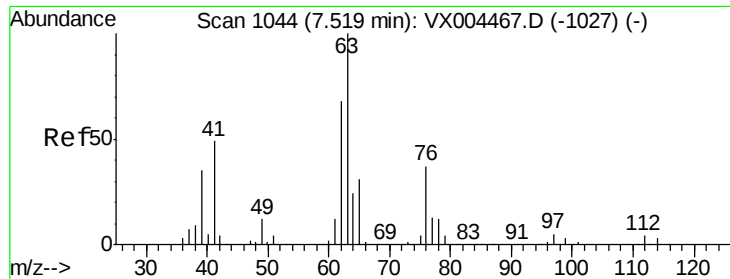
Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion:	130	Resp:	170860
Ion	Ratio	Lower	Upper
130	100		
95	82.4	0.0	181.6





#45

1,2-Dichloropropane

Concen: 56.606 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 151902

Ion Ratio Lower Upper

63 100

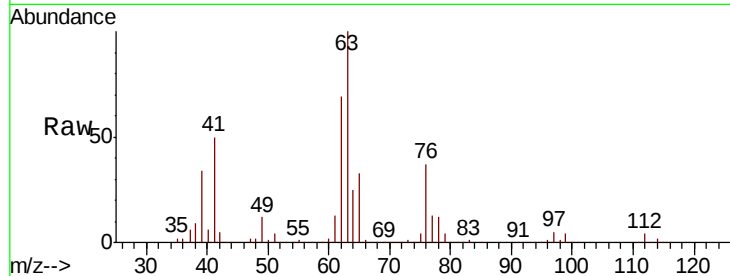
65 33.1 24.3 36.5

Manual Integrations

APPROVED

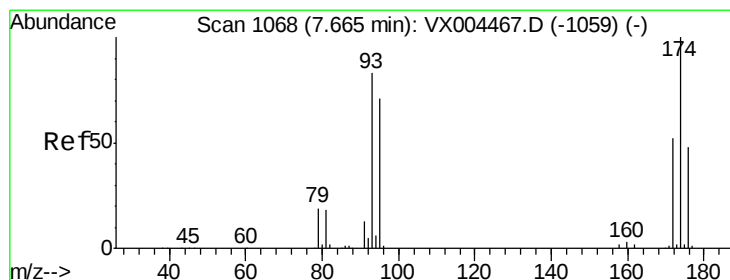
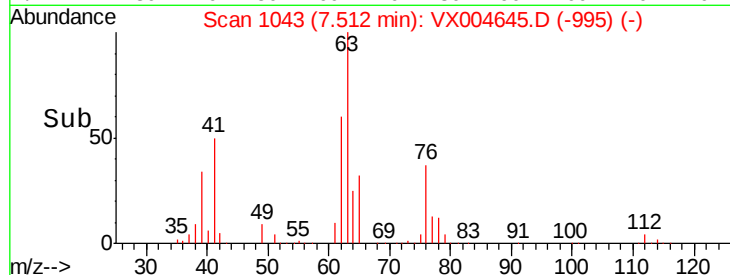
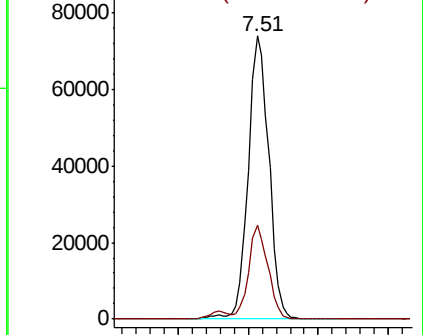
MMDadoda

9/19/2018 12:39:17 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.234 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

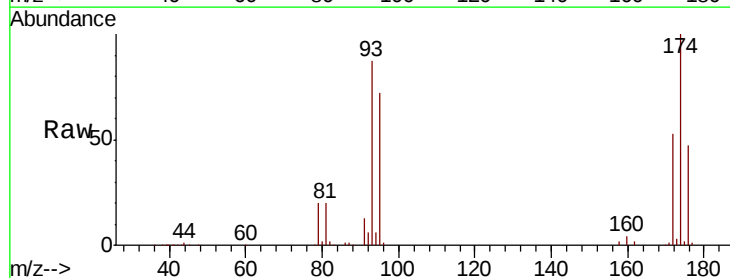
Tgt Ion: 93 Resp: 91943

Ion Ratio Lower Upper

93 100

95 83.6 65.5 98.3

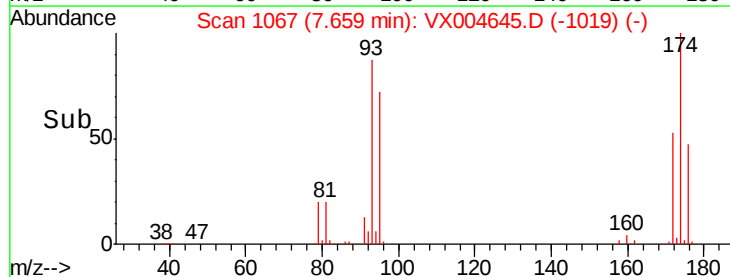
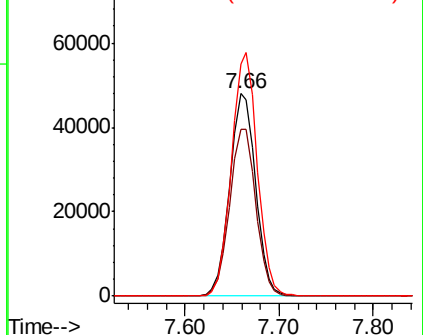
174 119.6 94.2 141.4

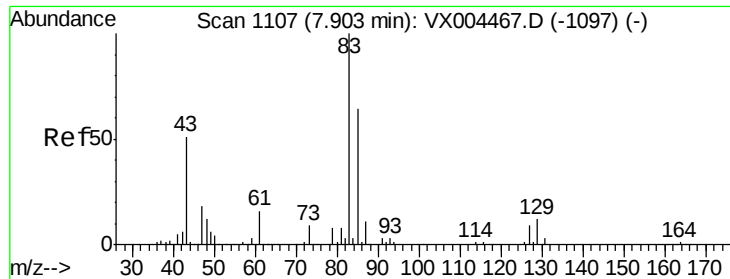


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.348 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

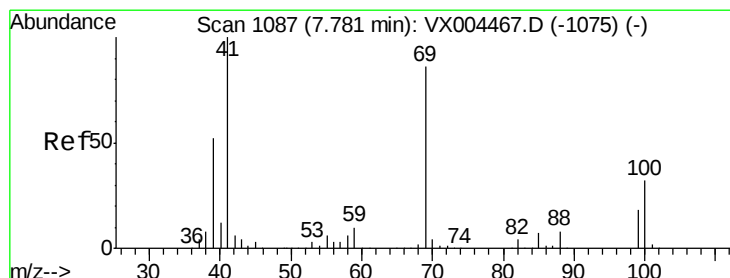
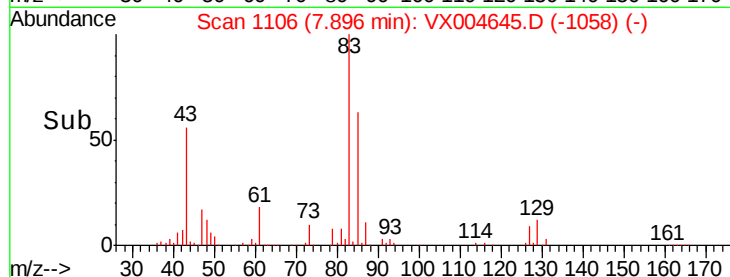
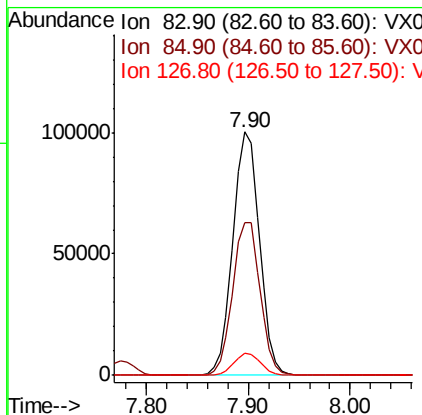
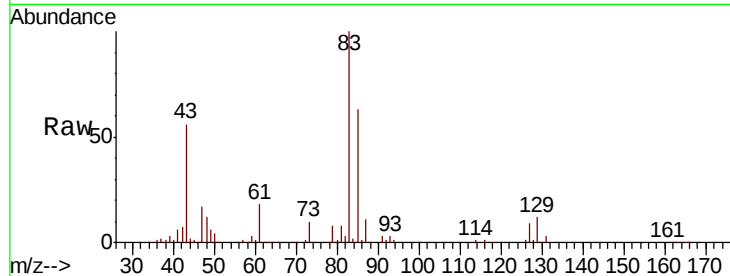
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	180650
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.9	76.3
127	9.1	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#48

Methyl methacrylate

Concen: 53.047 ug/l

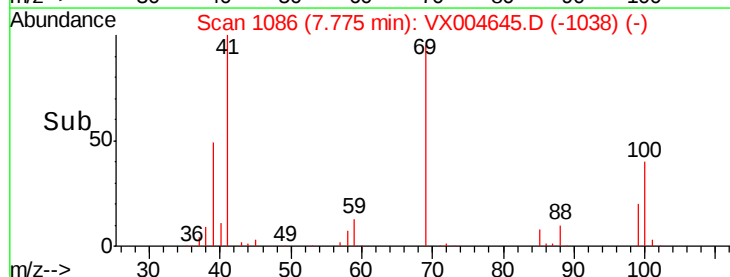
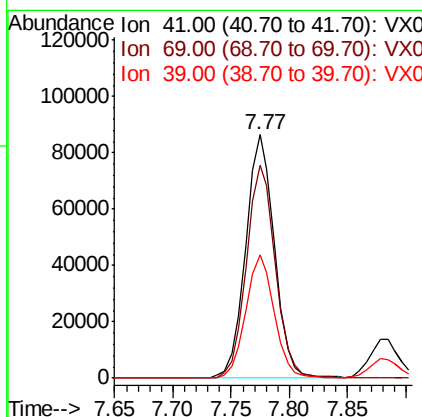
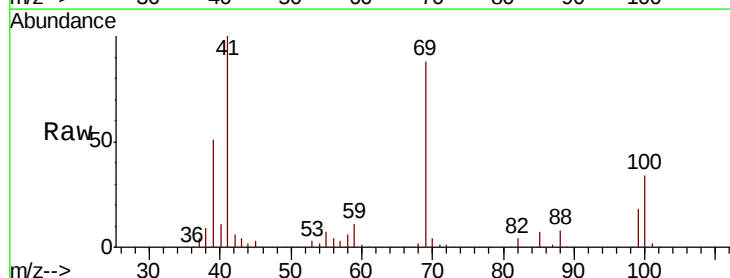
RT: 7.77 min Scan# 1086

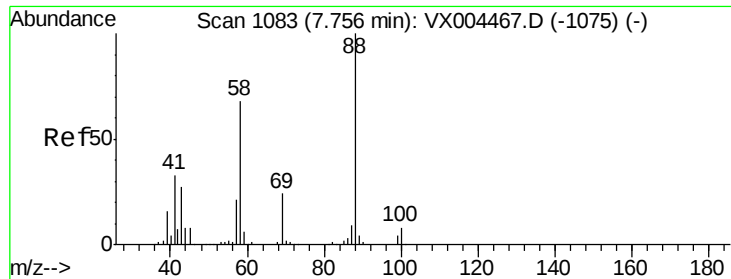
Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion:	41	Resp:	149062
Ion	Ratio	Lower	Upper
41	100		
69	88.2	70.2	105.4
39	50.5	42.7	64.1





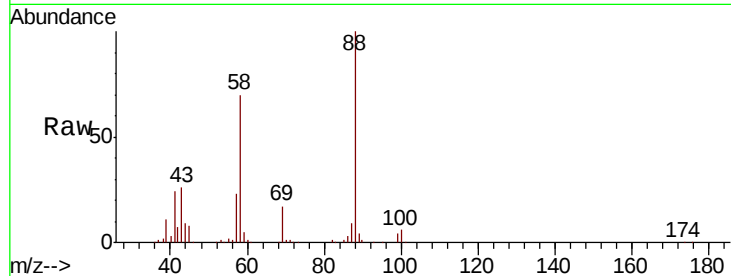
#49
1,4-Dioxane
Concen: 1057.049 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.7	37.1
58	71.1	55.3	82.9

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM

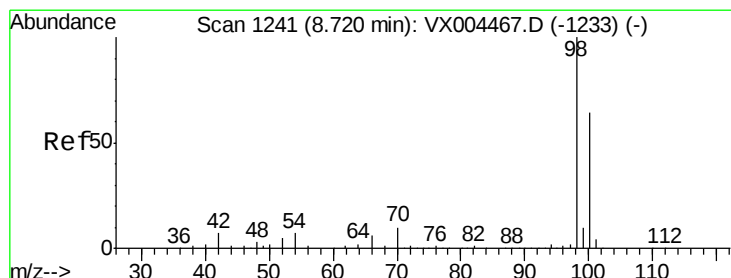
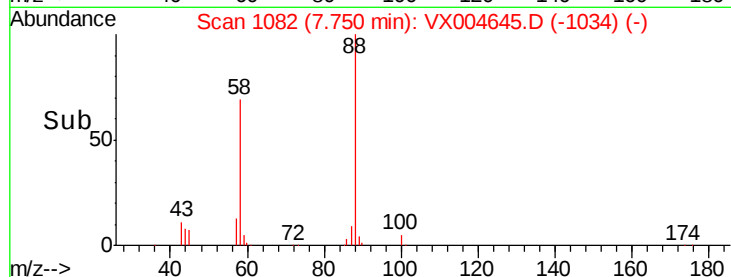
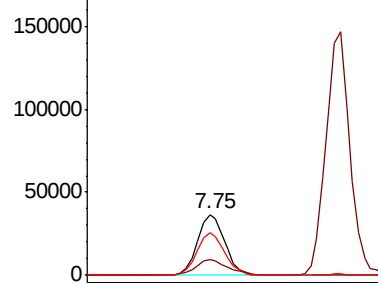


Abundance

Ion 88.00 (87.70 to 88.70): VX0

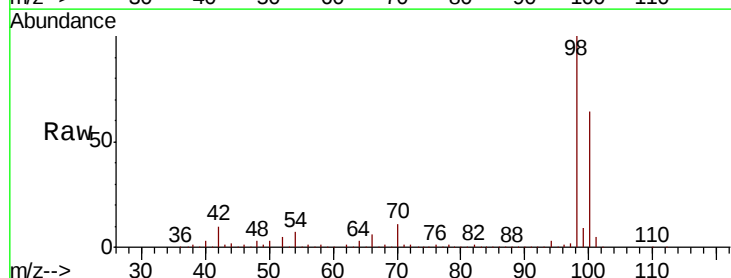
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.666 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

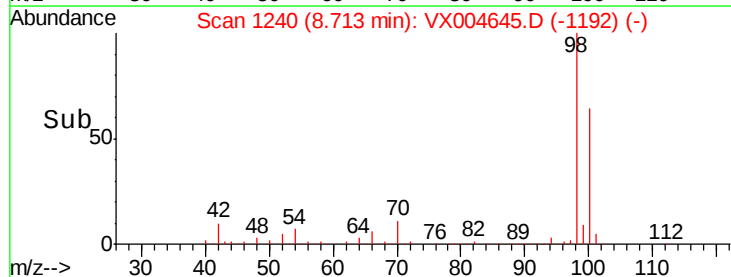
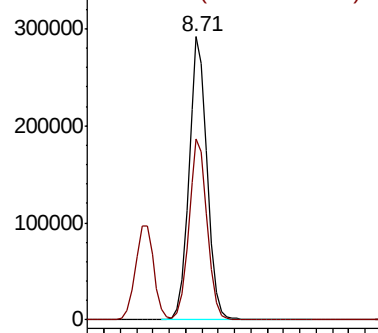
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.9	79.3

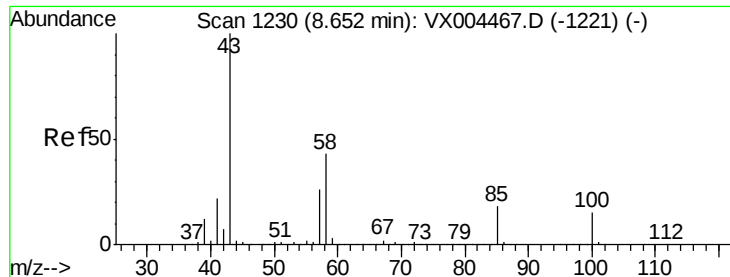


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





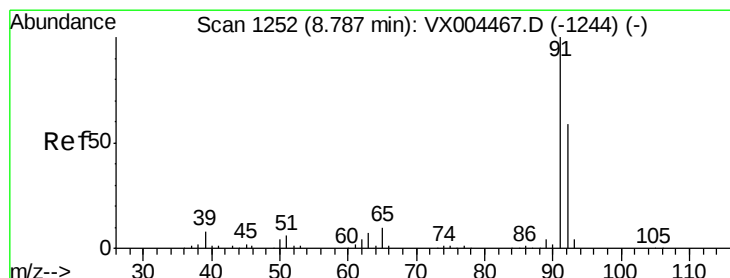
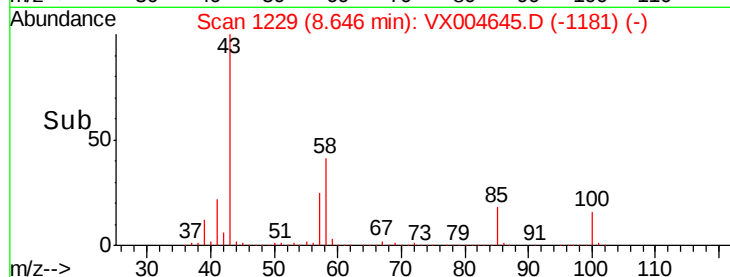
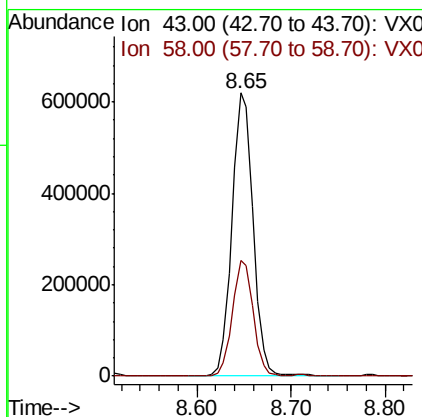
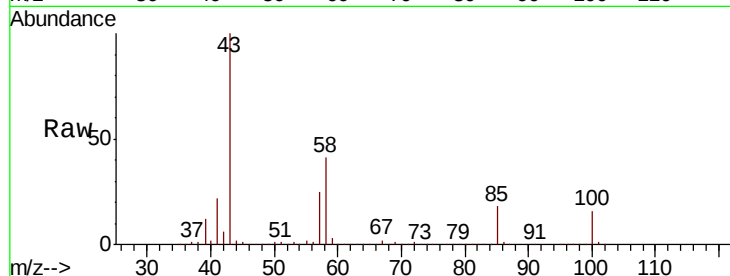
#51
4-Methyl-2-Pentanone
Concen: 240.379 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 963179
Ion Ratio Lower Upper
43 100
58 40.3 33.1 49.7

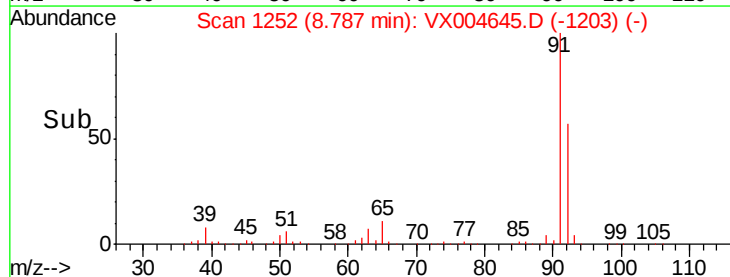
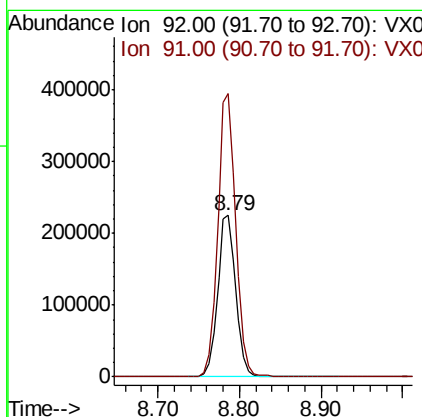
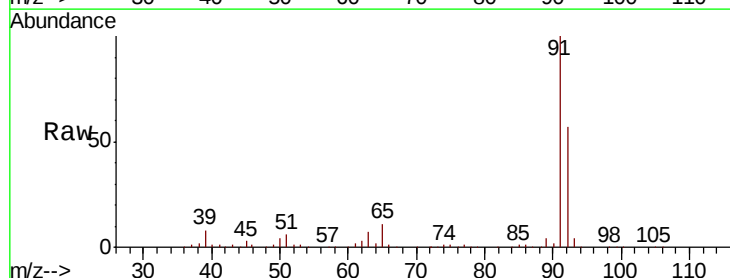
Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#52
Toluene
Concen: 53.091 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 92 Resp: 348839
Ion Ratio Lower Upper
92 100
91 174.8 136.4 204.6





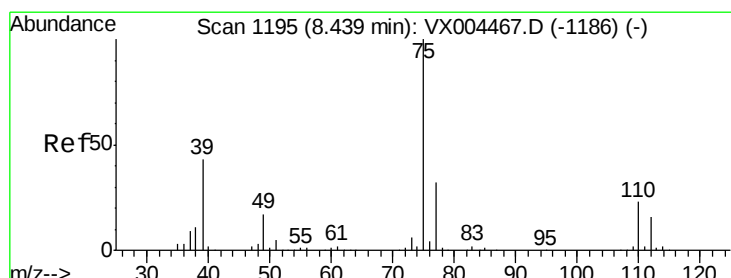
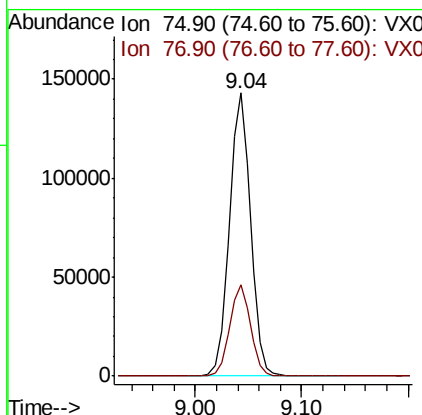
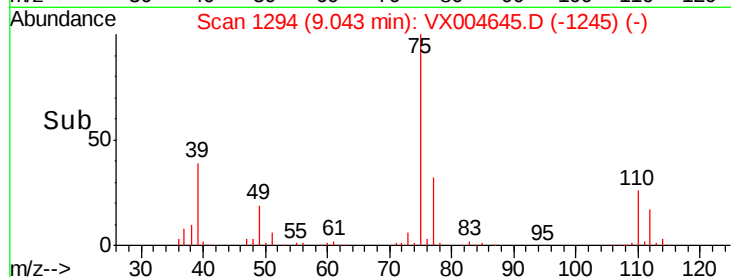
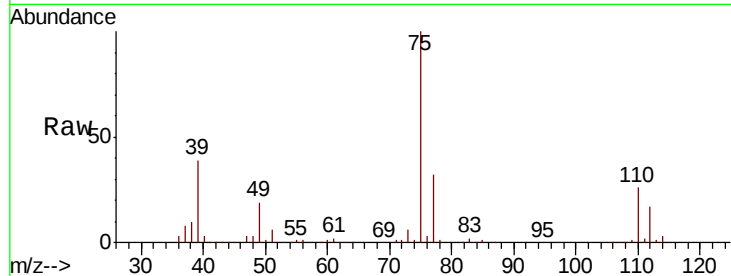
#53
t-1,3-Dichloropropene
Concen: 53.217 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 199302
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

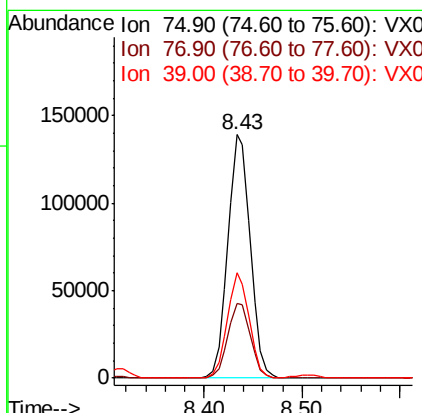
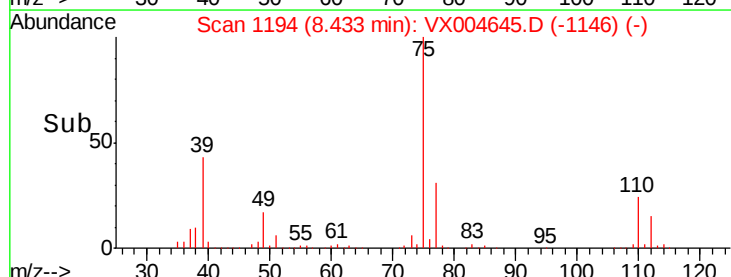
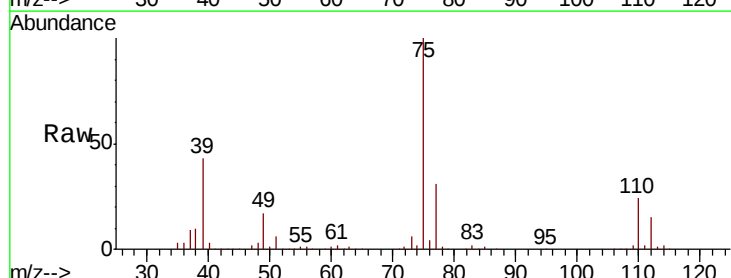
Manual Integrations
APPROVED

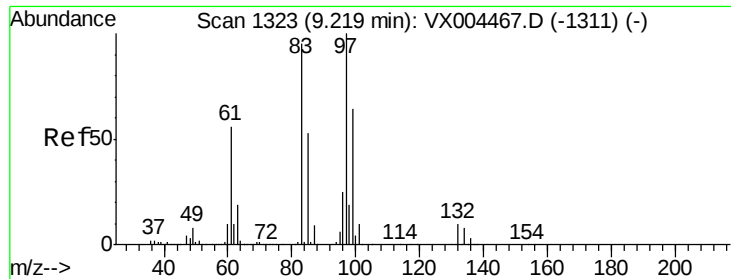
MMDadoda
9/19/2018 12:39:17 PM



#54
cis-1,3-Dichloropropene
Concen: 57.833 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 75 Resp: 220787
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2
39 43.0 36.4 54.6





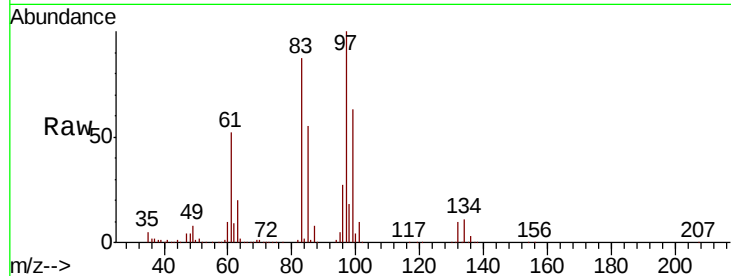
#55
 1,1,2-Trichloroethane
 Concen: 54.300 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		153621		
83	87.1	66.4	99.6		
85	54.9	43.3	64.9		
99	63.3	49.0	73.4		

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 12:39:17 PM



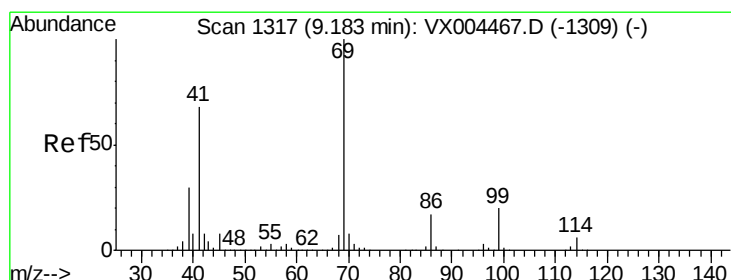
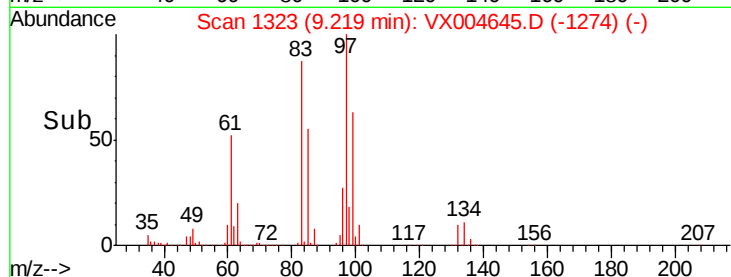
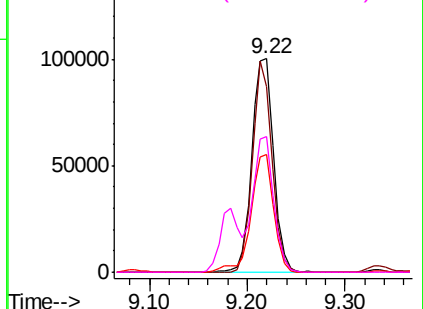
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

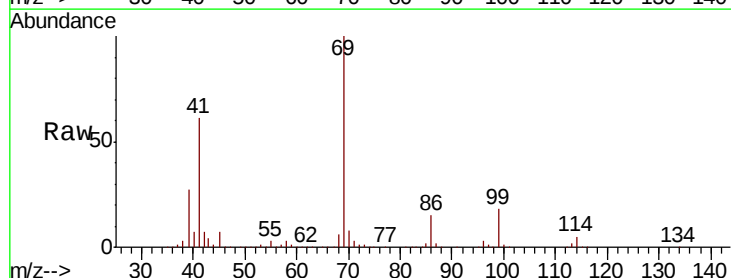
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 56.845 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		227512		
41	64.8	51.0	76.4		
39	28.7	26.1	39.1		

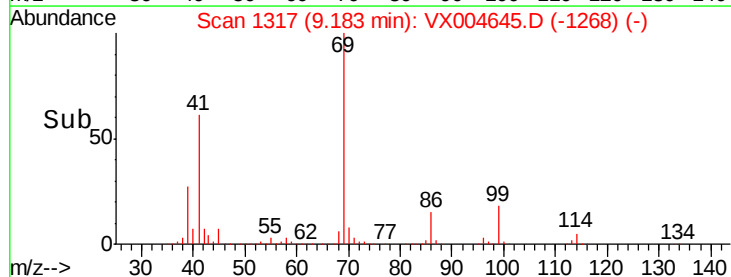
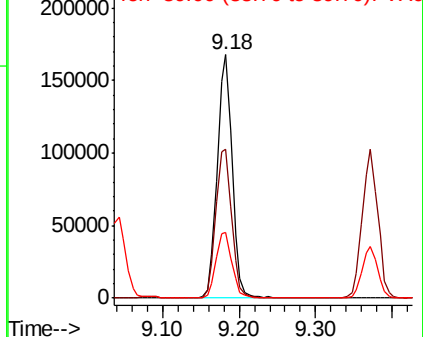


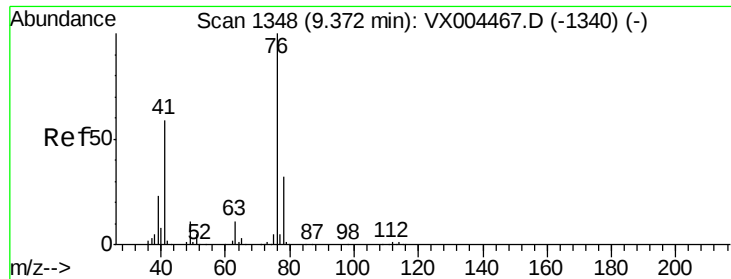
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





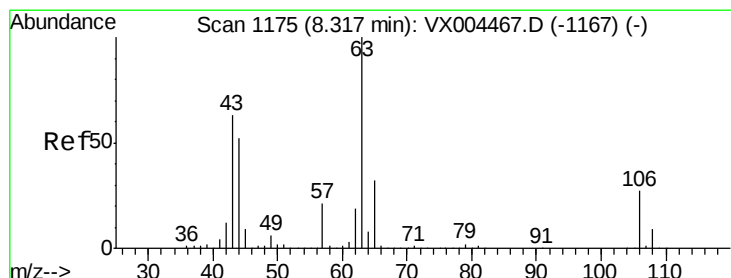
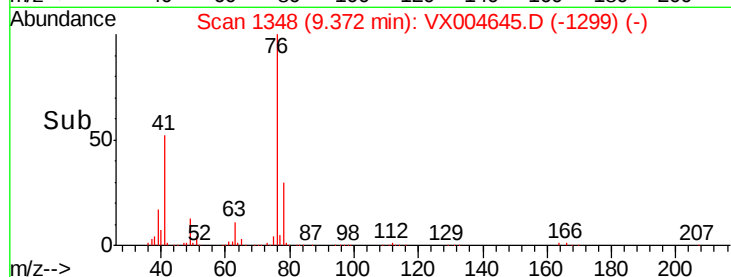
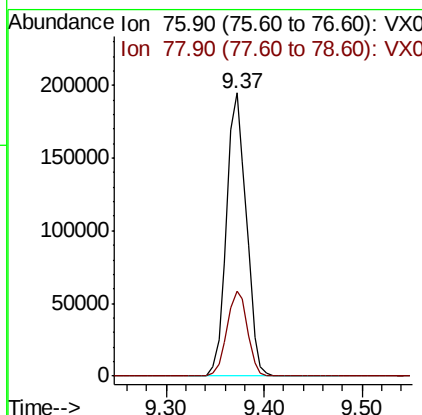
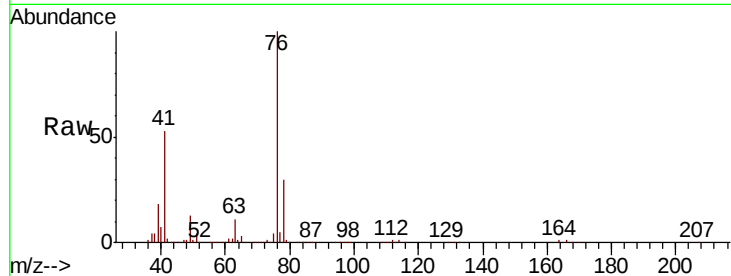
#57
 1,3-Dichloropropane
 Concen: 59.639 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 274148
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.5 38.3

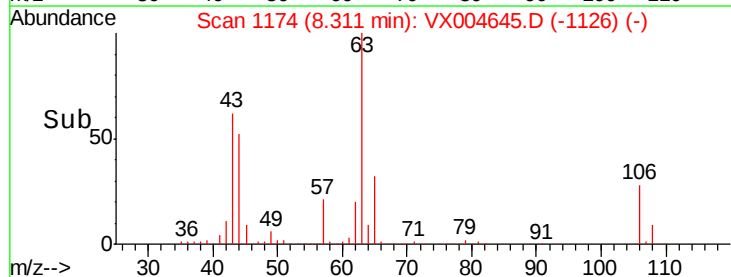
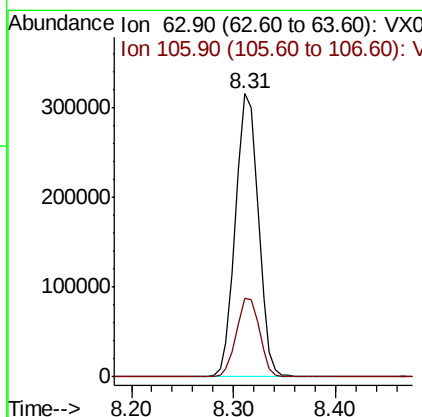
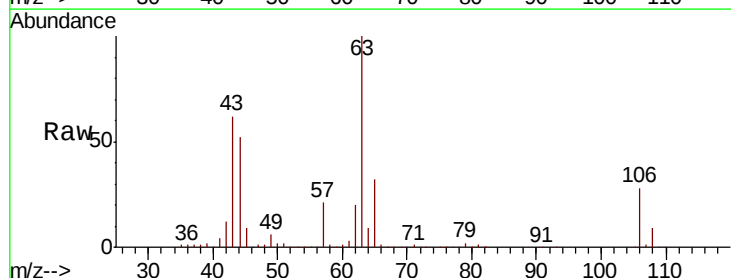
Manual Integrations
 APPROVED

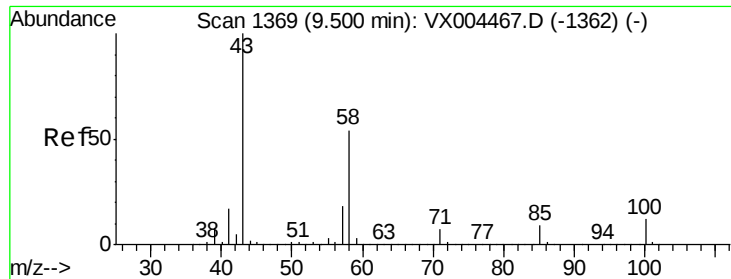
MMDadoda
 9/19/2018 12:39:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.271 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion: 63 Resp: 489354
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.9 35.9





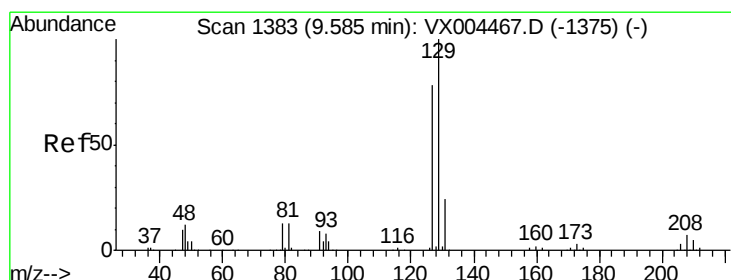
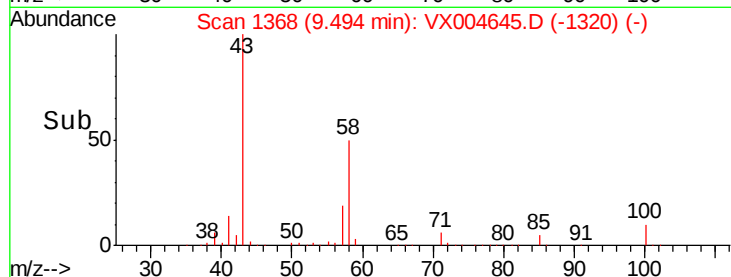
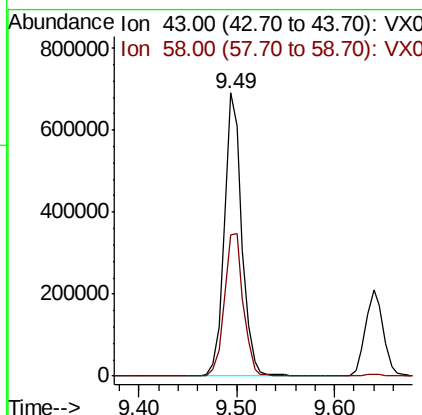
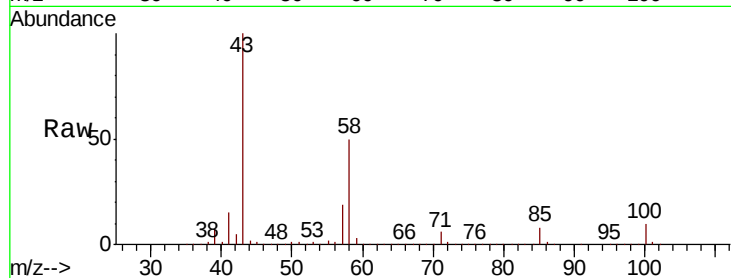
#59
2-Hexanone
Concen: 275.939 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 848080
Ion Ratio Lower Upper
43 100
58 54.9 29.0 87.0

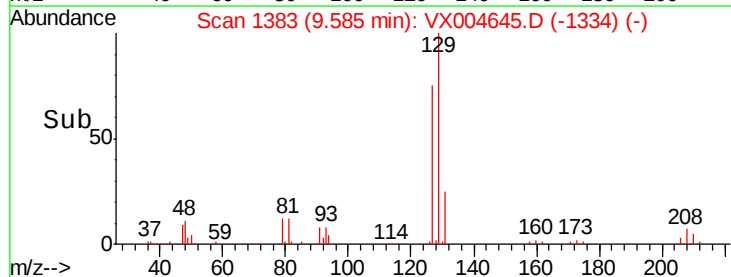
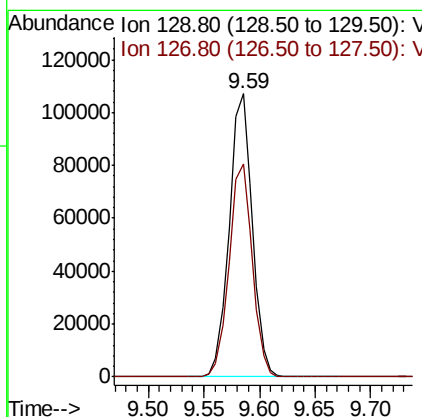
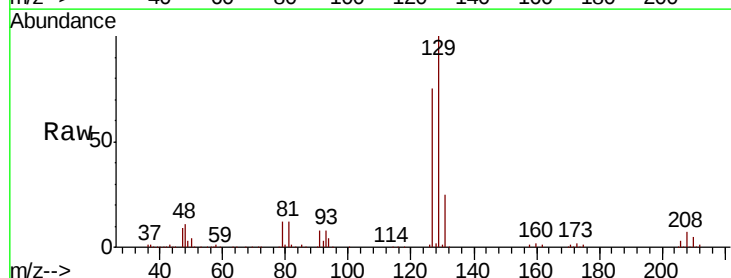
Manual Integrations
APPROVED

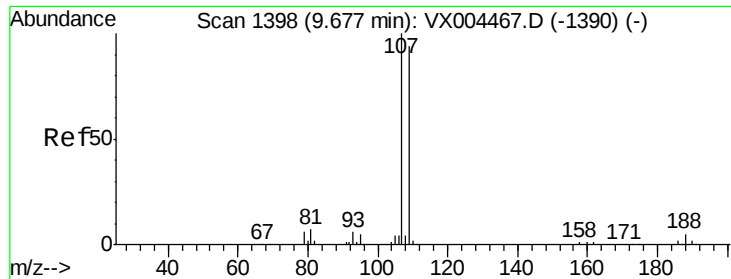
MMDadoda
9/19/2018 12:39:17 PM



#60
Dibromochloromethane
Concen: 57.413 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion: 129 Resp: 152918
Ion Ratio Lower Upper
129 100
127 75.7 38.5 115.5





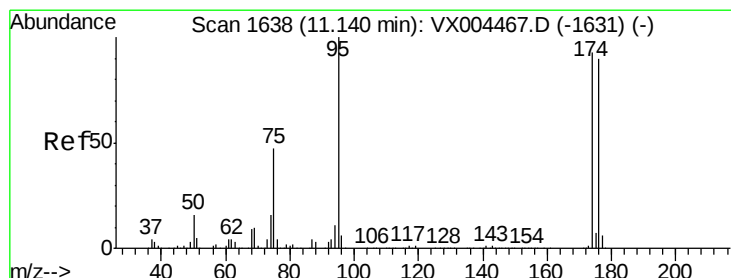
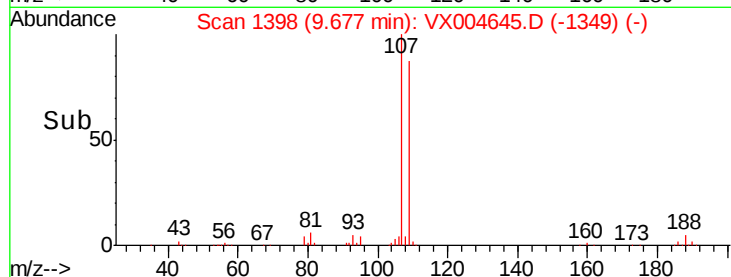
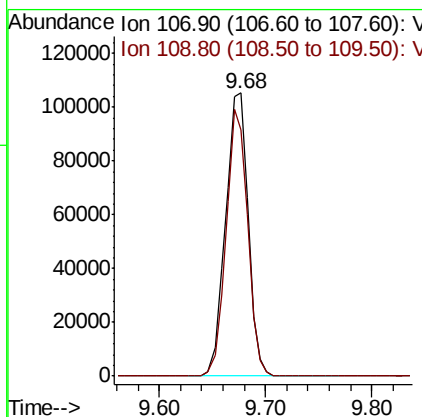
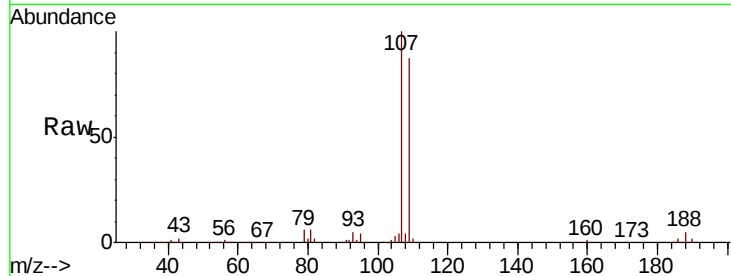
#61
 1,2-Dibromoethane
 Concen: 58.128 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	157098		
109	89.9	76.0	114.0	

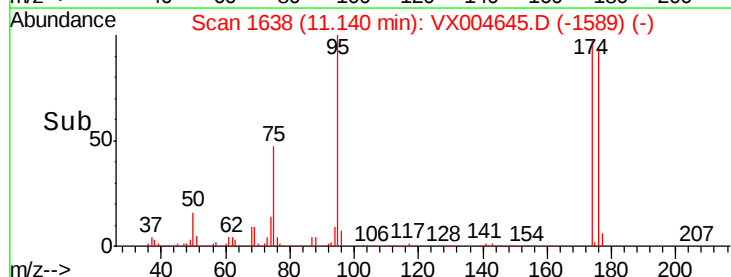
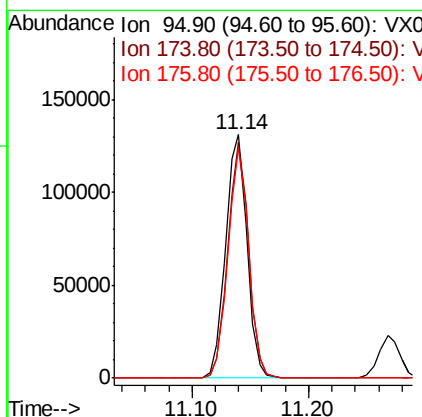
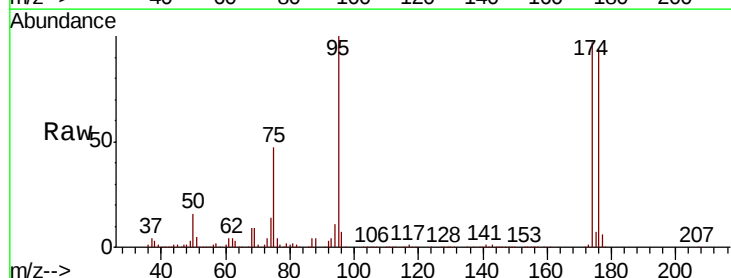
Manual Integrations
 APPROVED

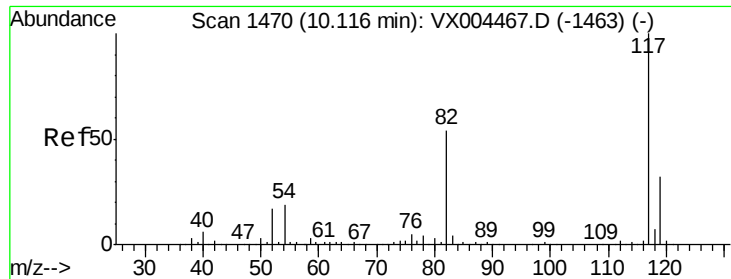
MMDadoda
 9/19/2018 12:39:17 PM



#62
 4-Bromofluorobenzene
 Concen: 49.089 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	166479		
174	94.5	0.0	185.2	
176	92.2	0.0	178.6	





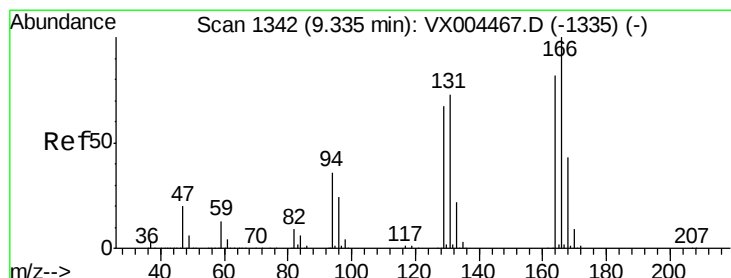
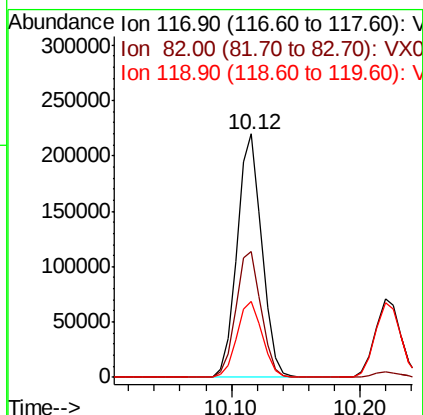
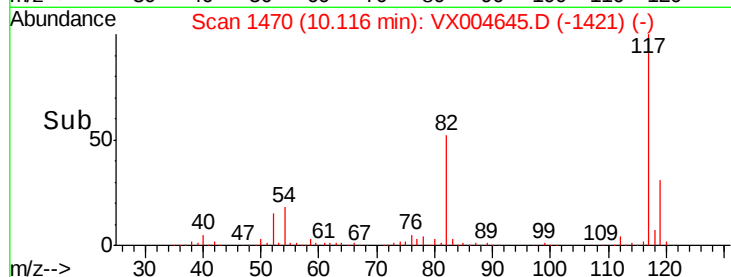
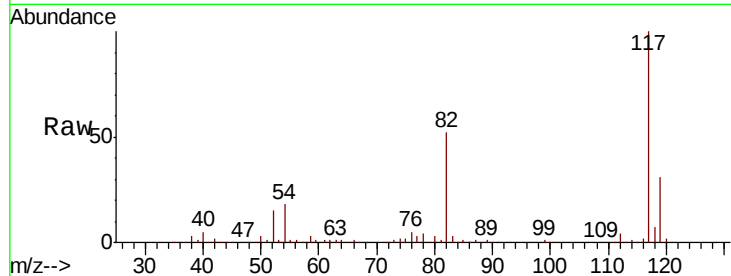
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	292791		
82	51.8	47.8	71.6	
119	31.3	29.3	43.9	

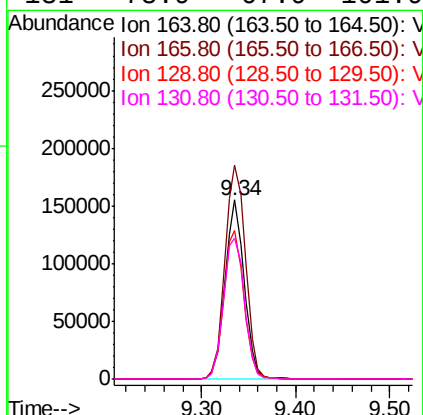
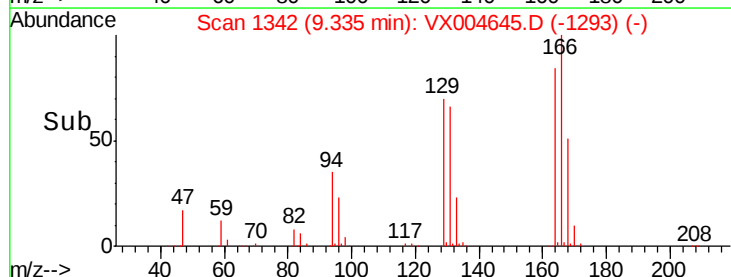
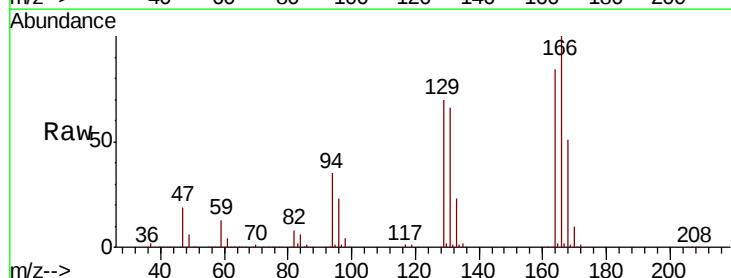
Manual Integrations
APPROVED

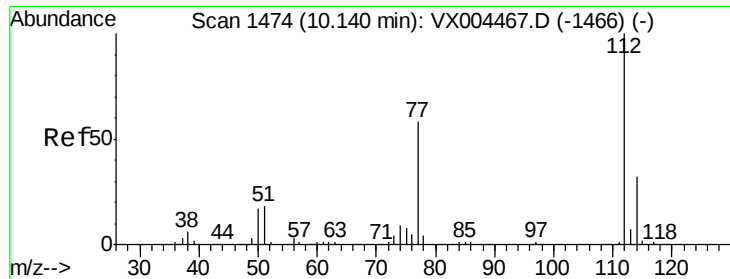
MMDadoda
9/19/2018 12:39:17 PM



#64
Tetrachloroethene
Concen: 59.912 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	219011		
166	119.2	102.8	154.2	
129	83.0	69.4	104.0	
131	78.9	67.9	101.9	





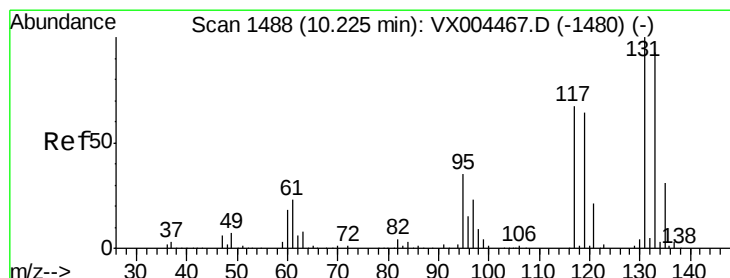
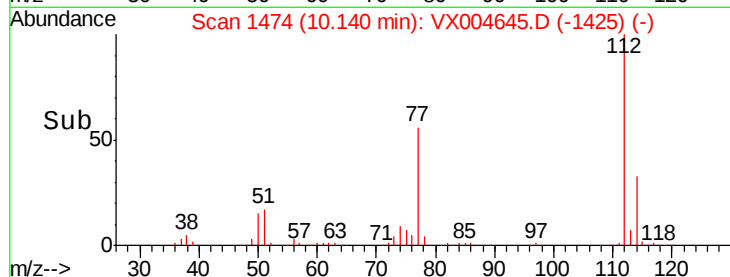
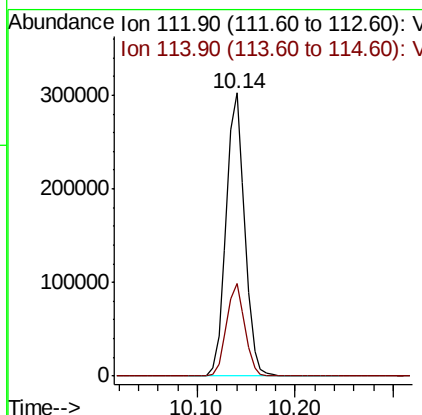
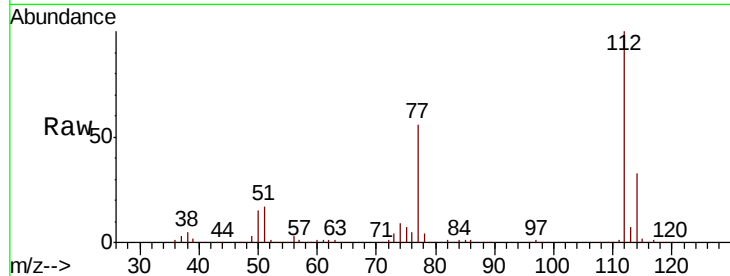
#65
Chlorobenzene
Concen: 54.820 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 398692
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8

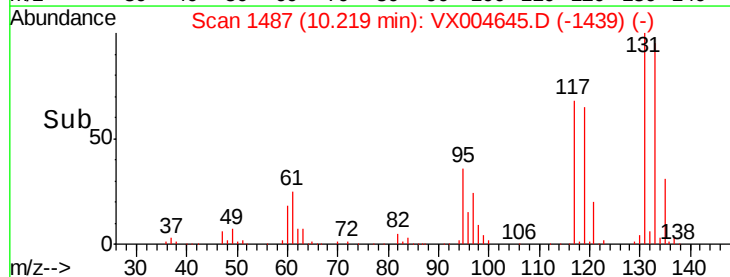
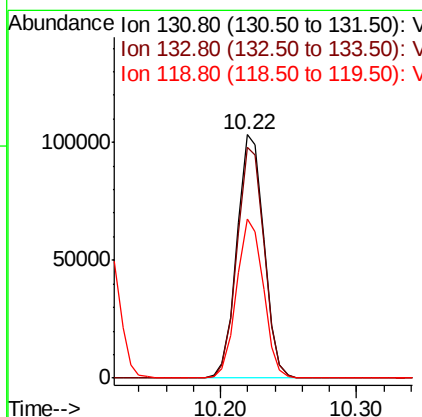
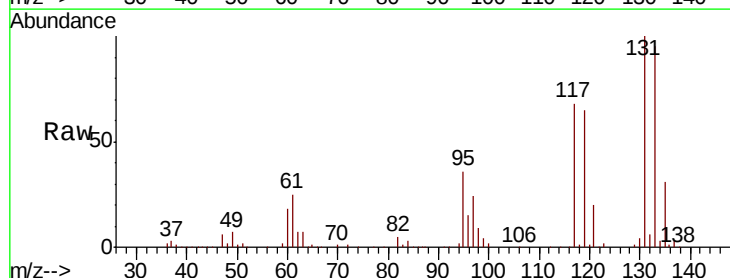
Manual Integrations
APPROVED

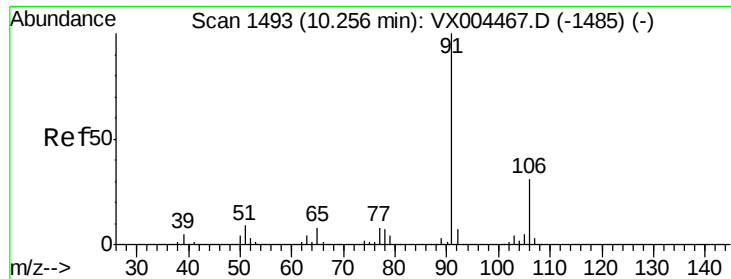
MMDadoda
9/19/2018 12:39:17 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.843 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion:131 Resp: 142562
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 65.0 32.9 98.6





#67

Ethyl Benzene

Concen: 57.002 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 674089

Ion Ratio Lower Upper

91 100

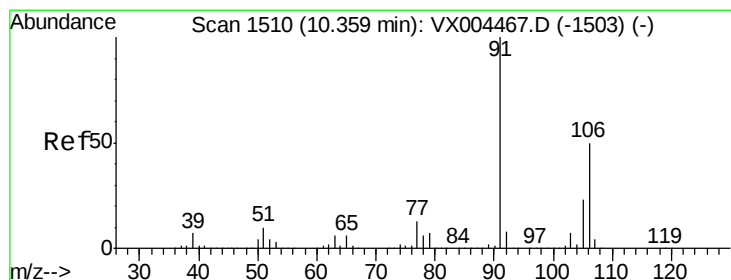
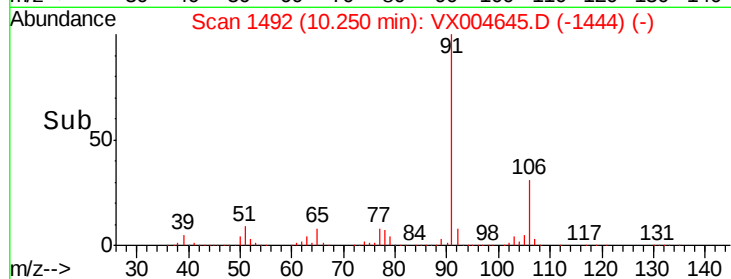
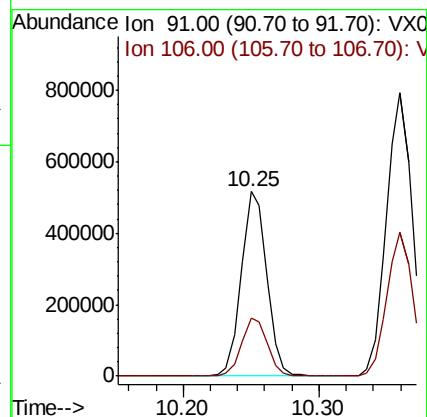
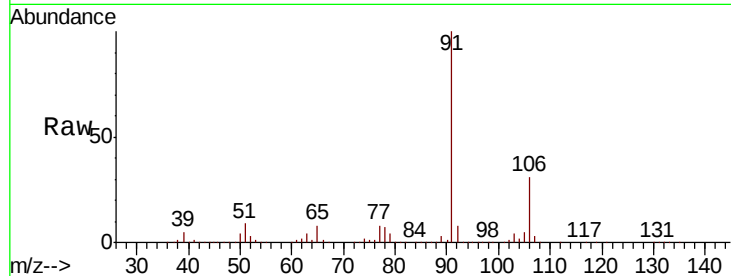
106 31.4 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM



#68

m/p-Xylenes

Concen: 117.473 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004645.D

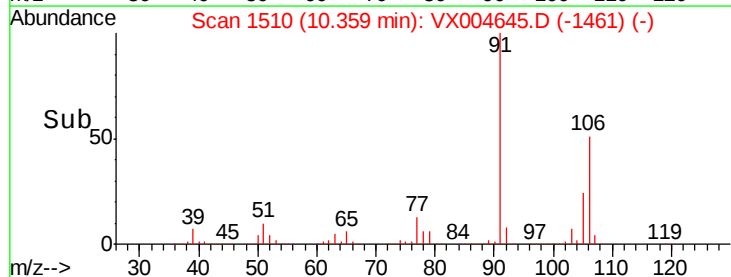
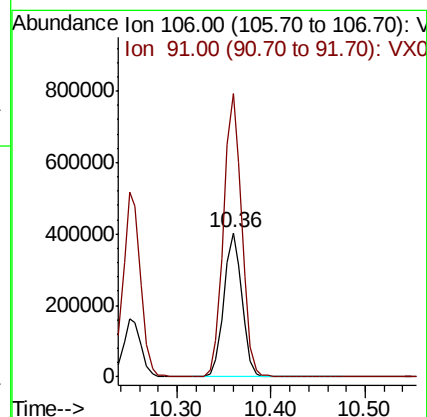
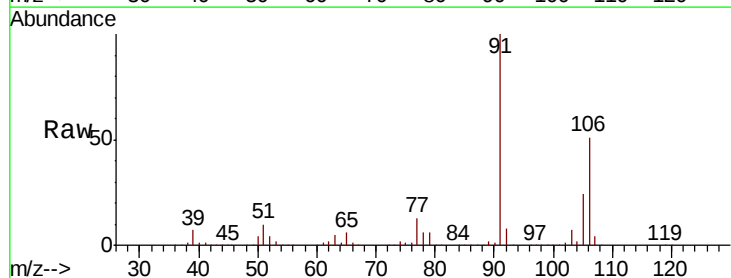
Acq: 18 Sep 2018 09:07

Tgt Ion: 106 Resp: 535124

Ion Ratio Lower Upper

106 100

91 198.1 157.1 235.7





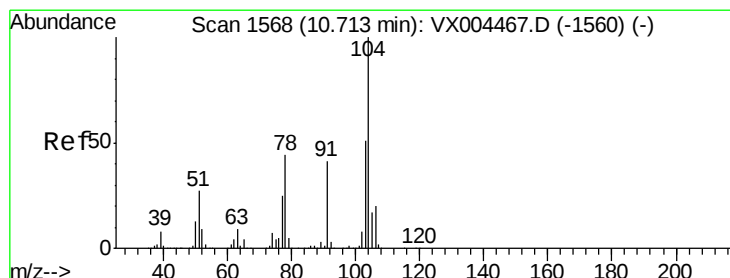
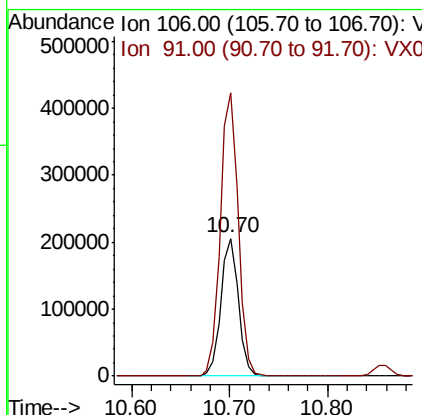
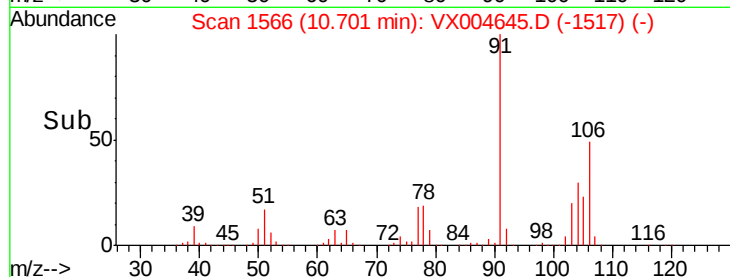
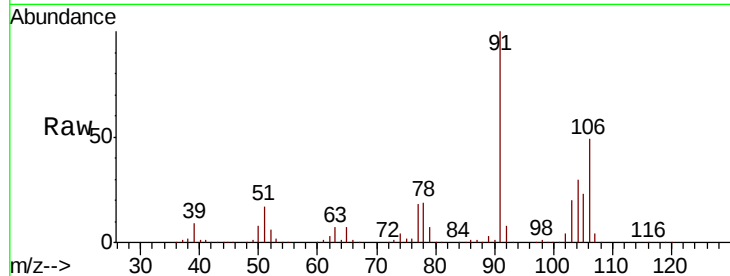
#69
o-Xylene
Concen: 58.358 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 255571
Ion Ratio Lower Upper
106 100
91 209.9 105.1 315.1

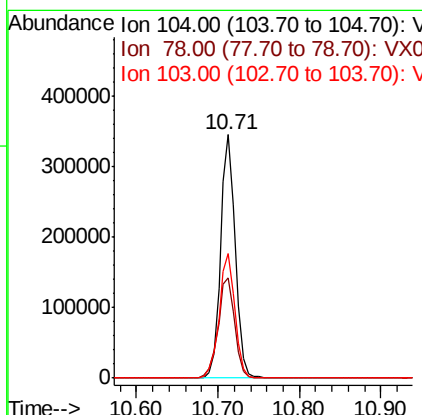
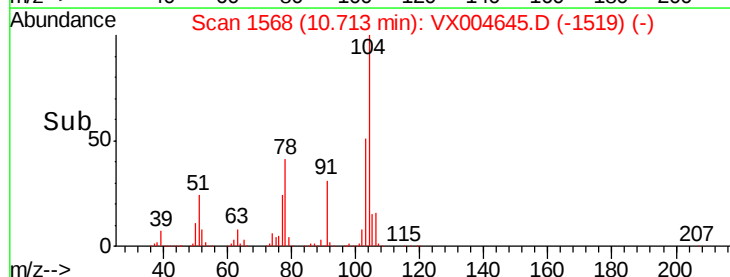
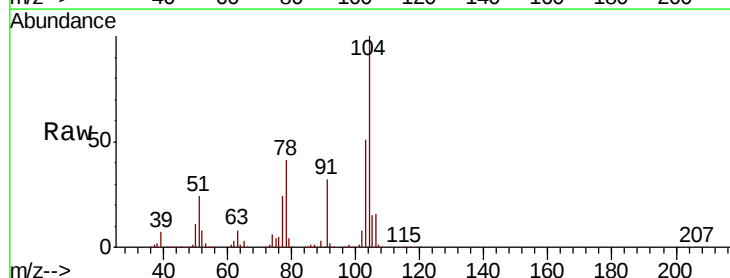
Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#70
Styrene
Concen: 59.868 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion:104 Resp: 434364
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 55.6 43.8 65.6





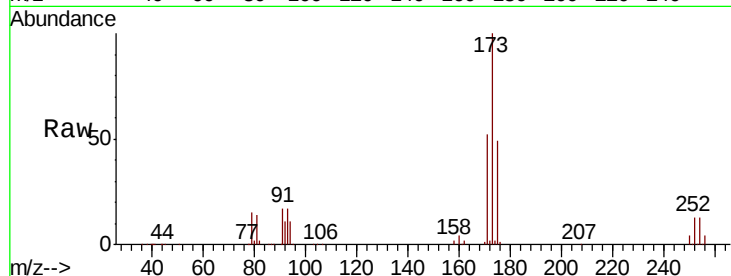
#71
Bromoform
Concen: 57.263 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM

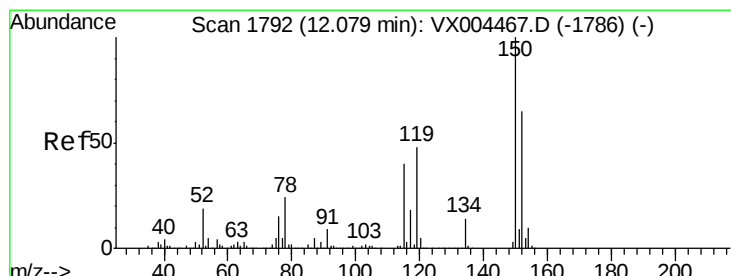
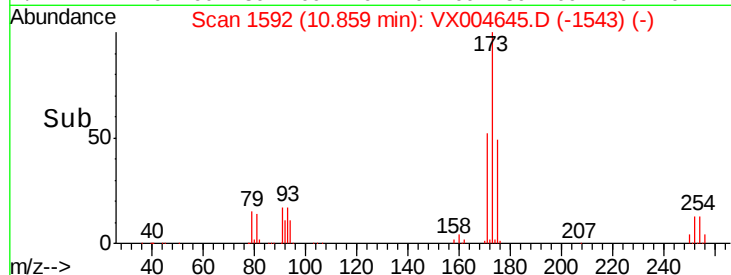
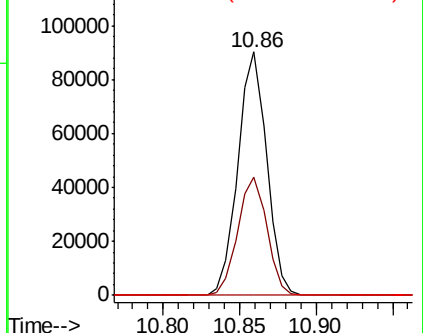


Abundance

Ion 172.70 (172.40 to 173.40): V

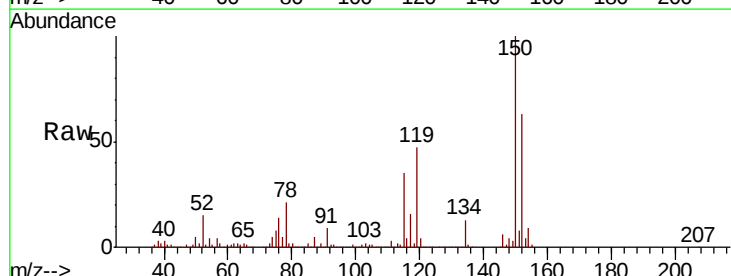
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.7	39.0	117.0
150	168.2	0.0	351.0

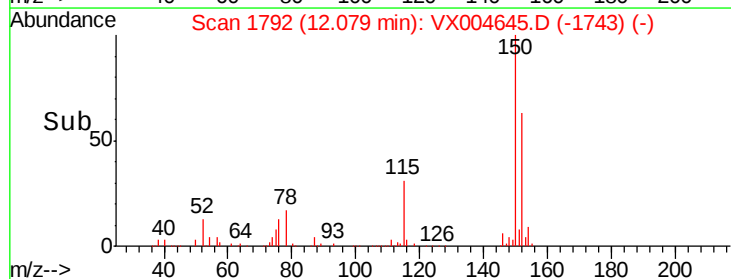
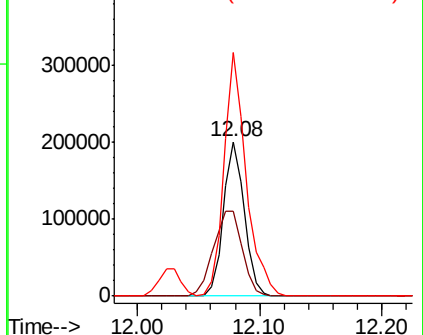


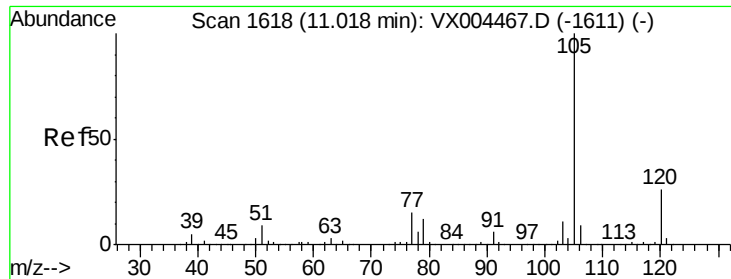
Abundance

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: 44.730 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 696475

Ion Ratio Lower Upper

105 100

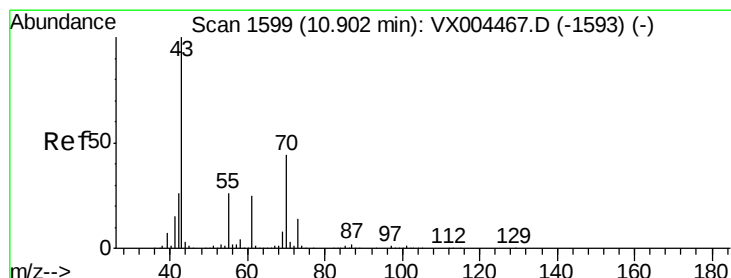
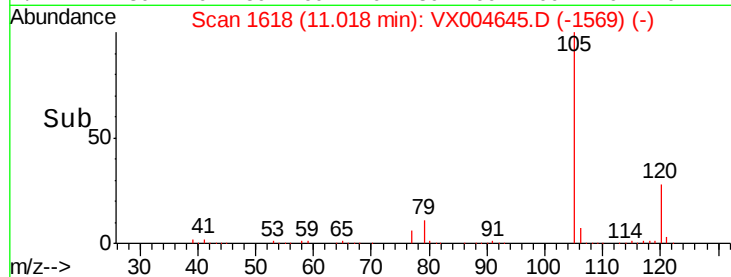
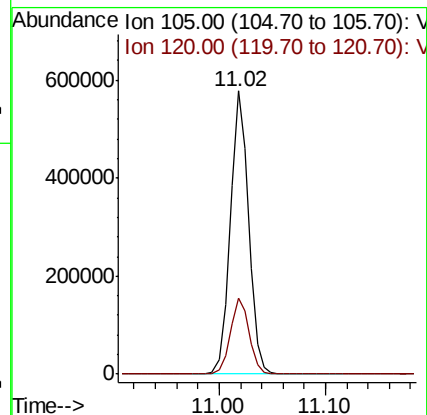
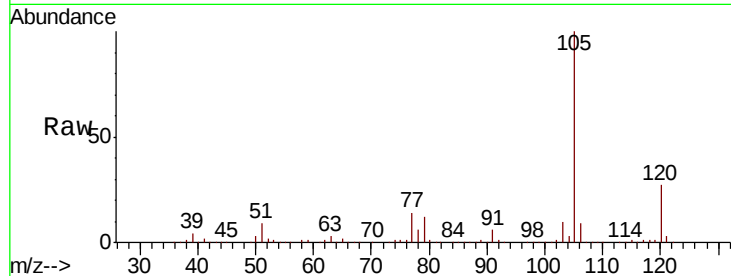
120 27.2 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM



#74

N-ethyl acetate

Concen: 40.248 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion: 43 Resp: 263774

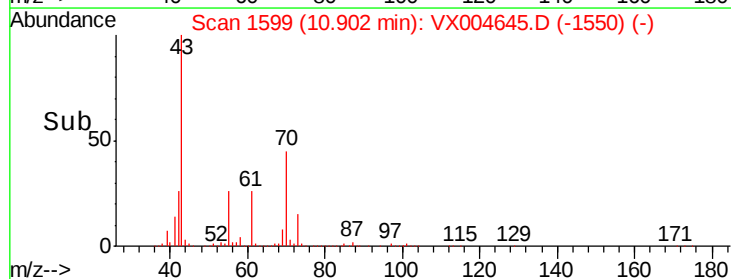
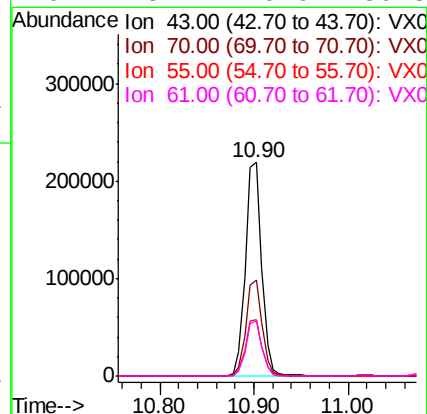
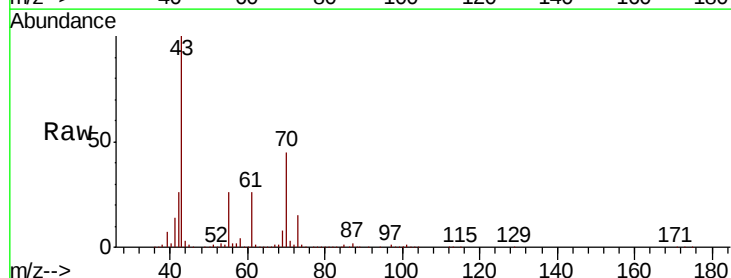
Ion Ratio Lower Upper

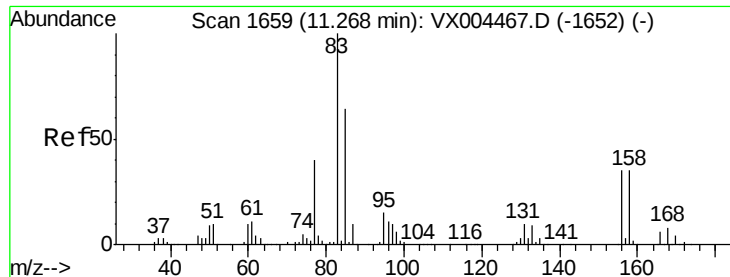
43 100

70 44.7 37.4 56.0

55 26.7 21.8 32.8

61 25.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 38.811 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

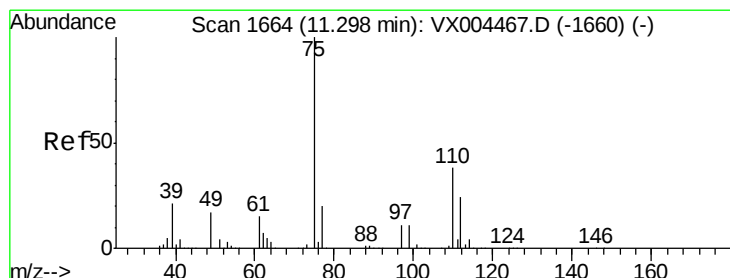
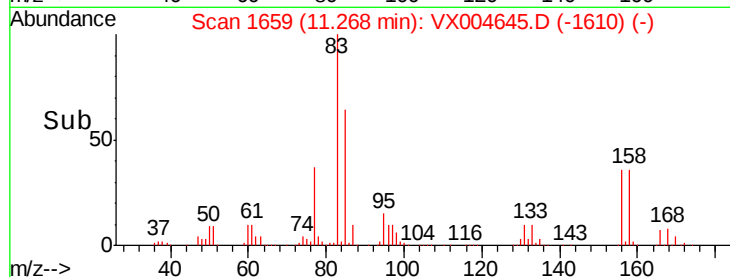
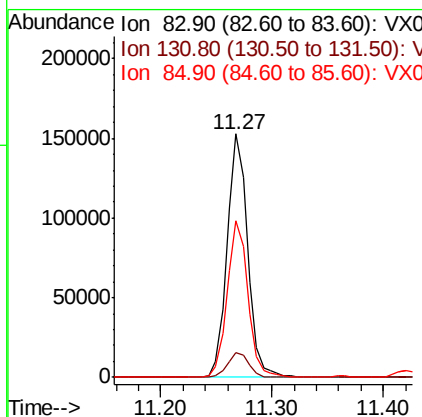
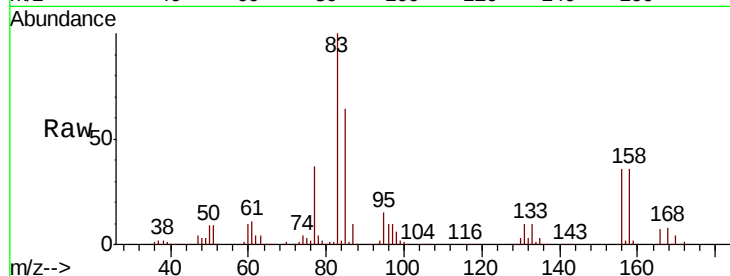
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	194928
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	64.8	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#76

1,2,3-Trichloropropane

Concen: 40.890 ug/l m

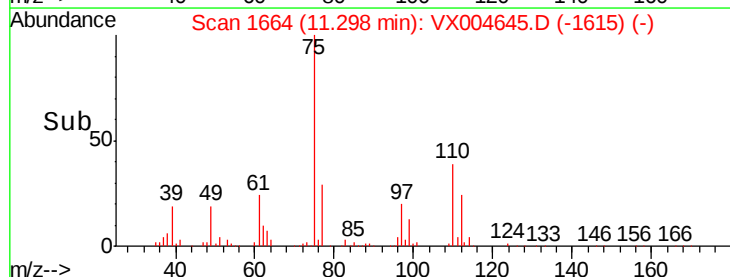
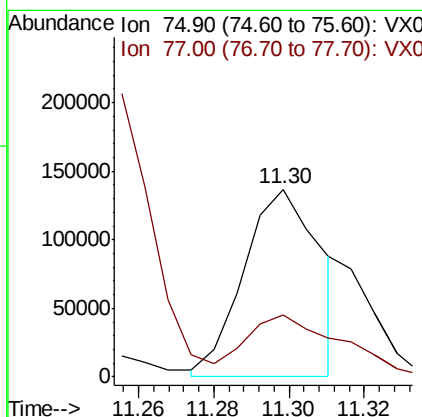
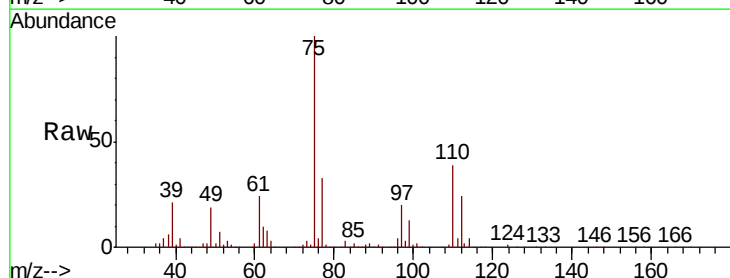
RT: 11.30 min Scan# 1664

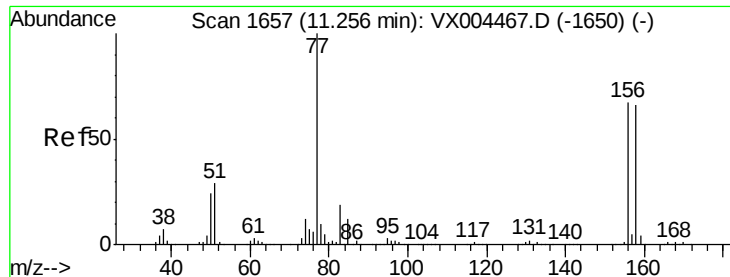
Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Tgt Ion:	75	Resp:	194500
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.2	60.6





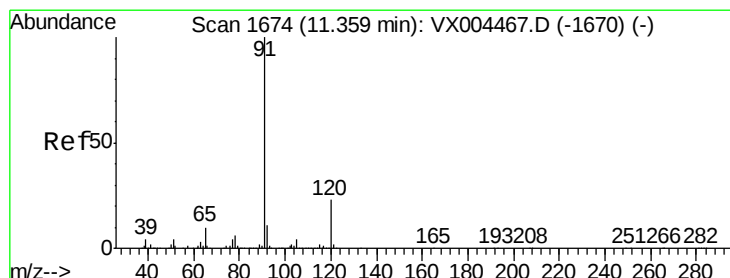
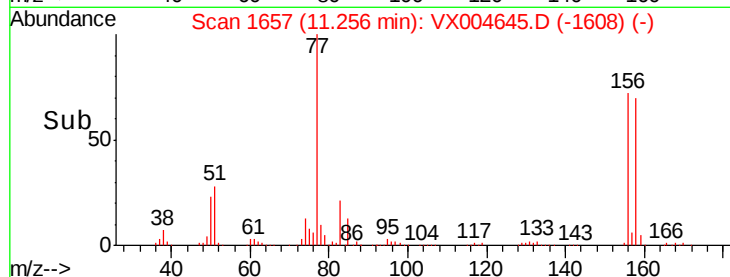
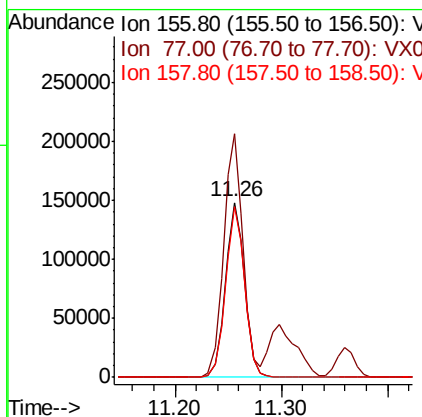
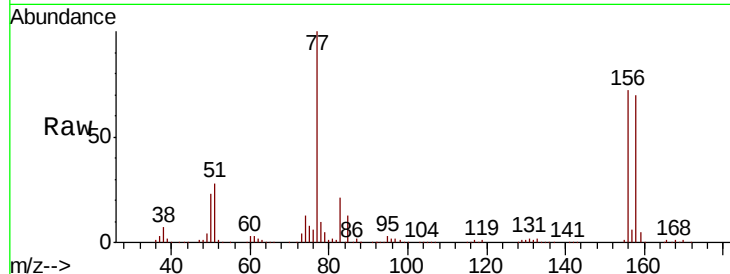
#77
Bromobenzene
Concen: 43.171 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	140.2	71.5	214.3
158	97.4	48.9	146.8

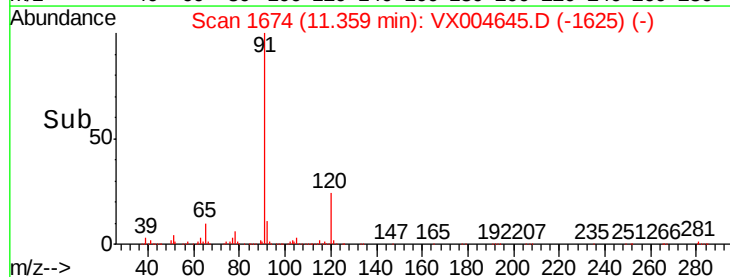
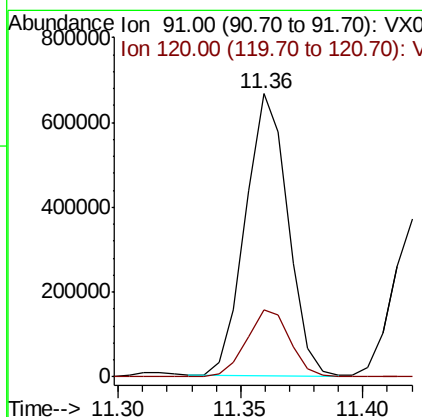
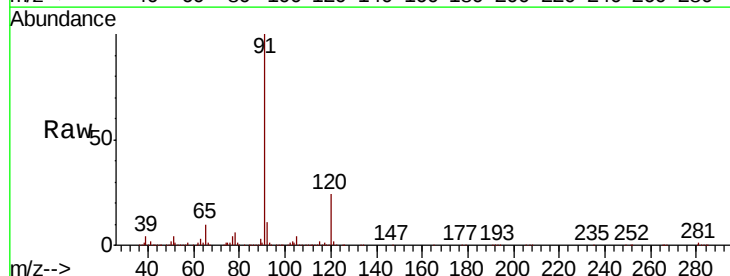
Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM



#78
n-propylbenzene
Concen: 44.967 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.9





#79

2-Chlorotoluene

Concen: 42.959 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 466451

Ion Ratio Lower Upper

91 100

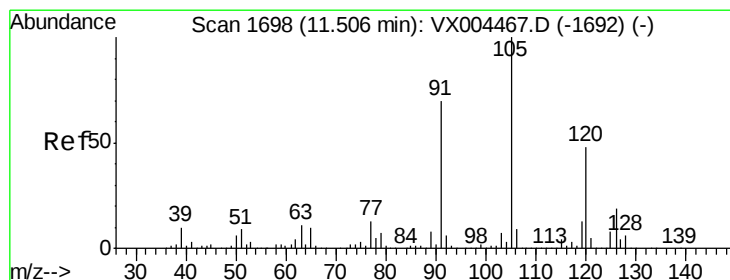
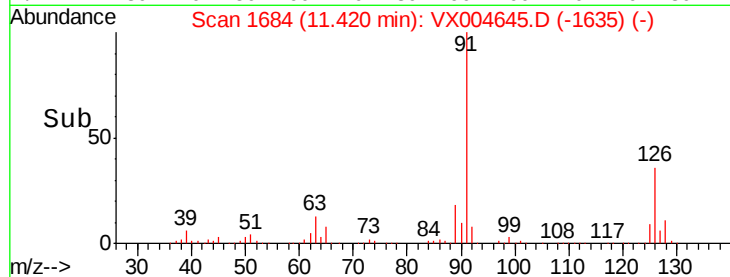
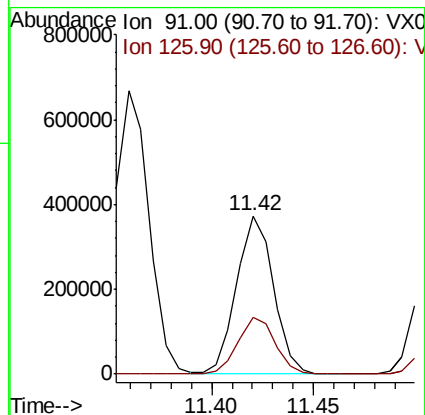
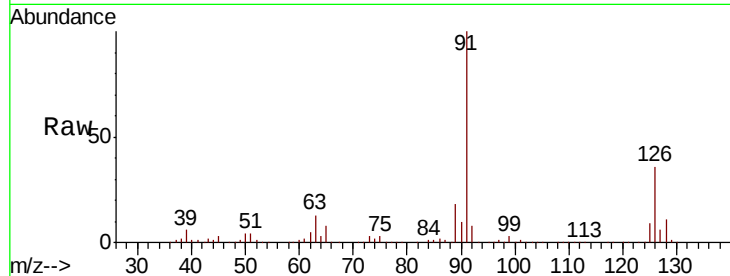
126 36.1 17.9 53.7

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM



#80

1,3,5-Trimethylbenzene

Concen: 45.648 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004645.D

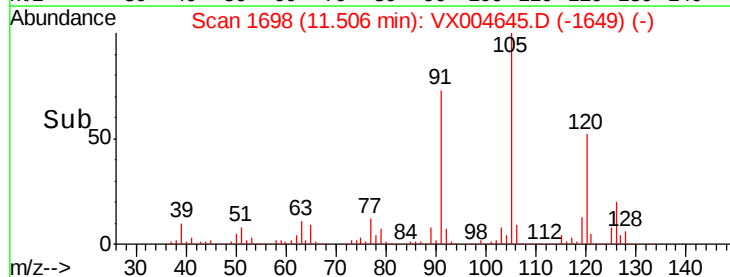
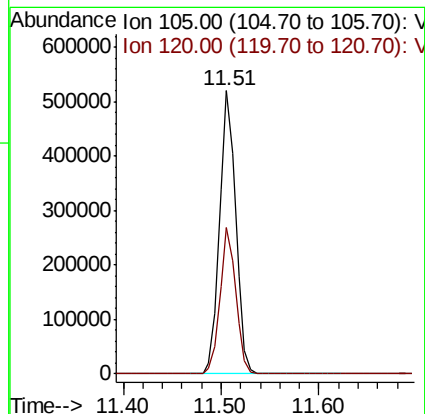
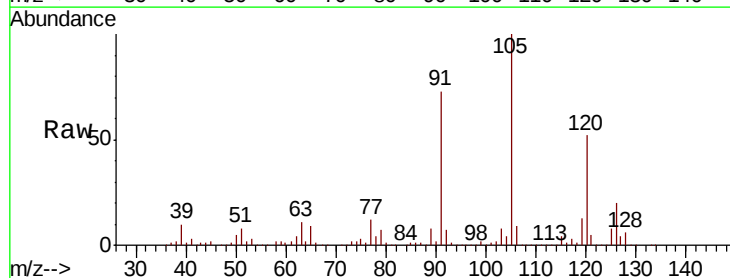
Acq: 18 Sep 2018 09:07

Tgt Ion: 105 Resp: 597522

Ion Ratio Lower Upper

105 100

120 50.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.918 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 65538
Ion Ratio Lower Upper

75 100

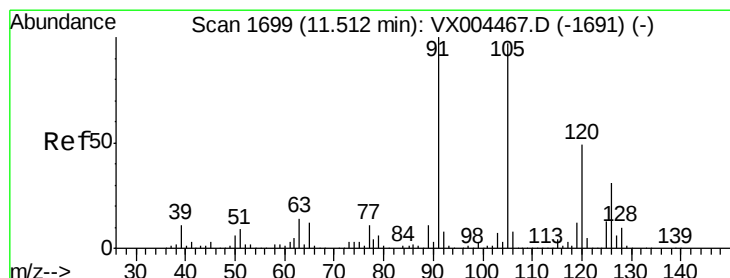
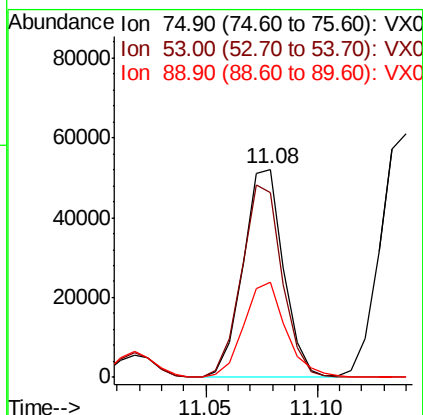
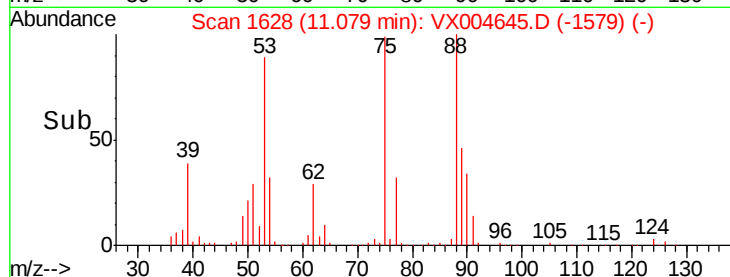
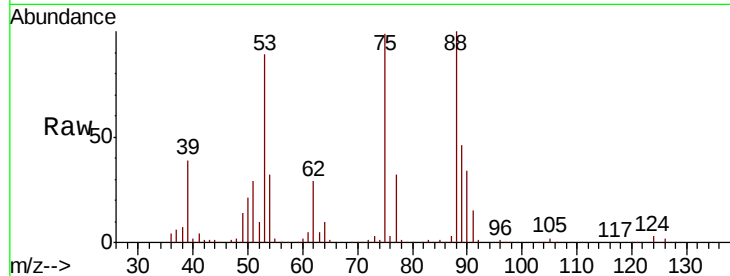
53 93.2 80.1 120.1

89 48.0 37.2 55.8

Manual Integrations
APPROVED

MMDadoda

9/19/2018 12:39:17 PM



#82

4-Chlorotoluene

Concen: 45.021 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

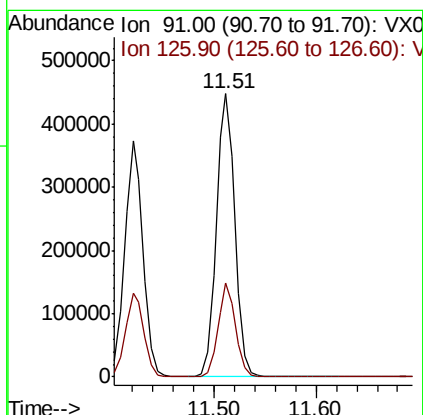
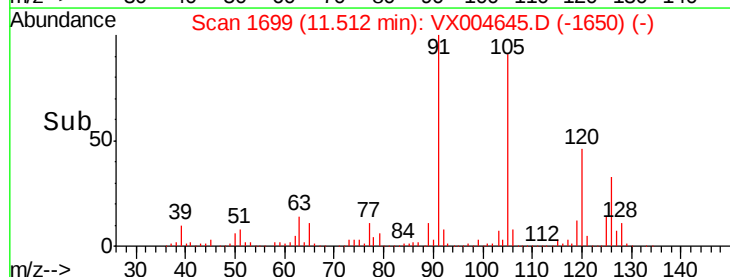
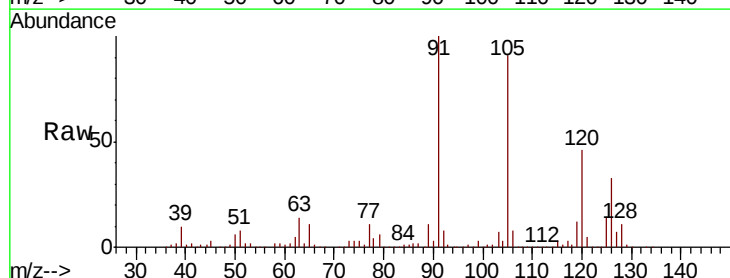
Lab File: VX004645.D

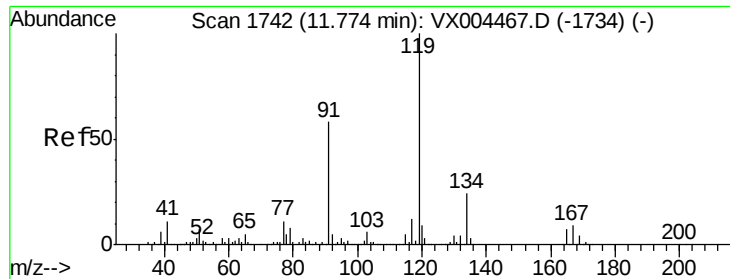
Acq: 18 Sep 2018 09:07

Tgt Ion: 91 Resp: 570553
Ion Ratio Lower Upper

91 100

126 31.1 15.5 46.5





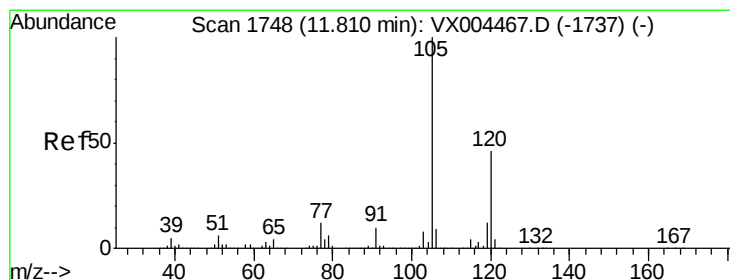
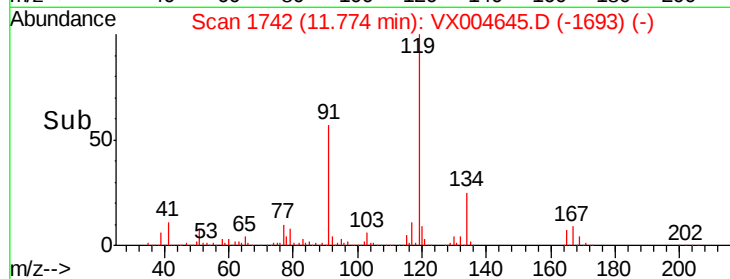
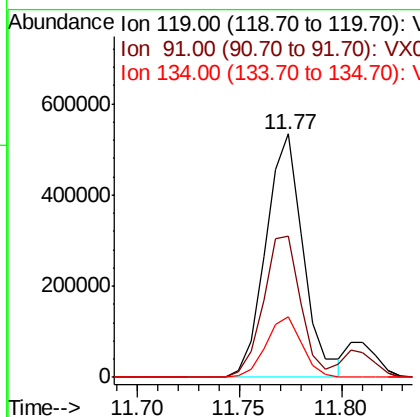
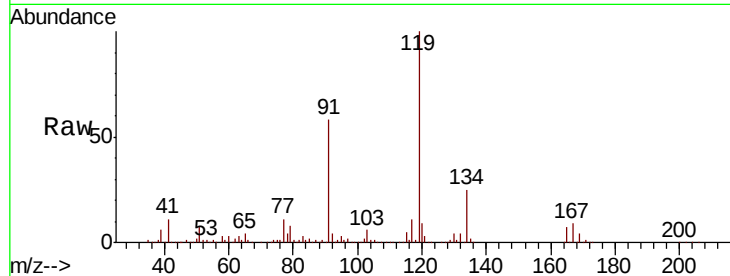
#83
 tert-Butylbenzene
 Concen: 54.629 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	680776		
91	57.8	27.0	81.0	
134	24.0	11.7	35.1	

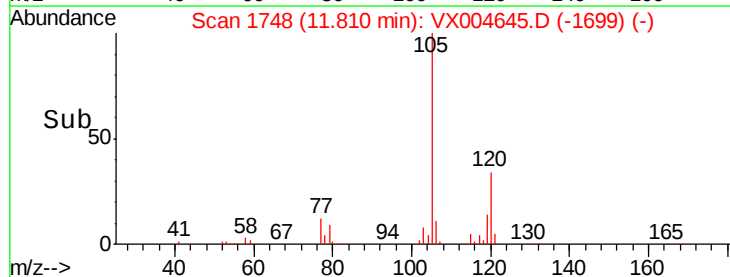
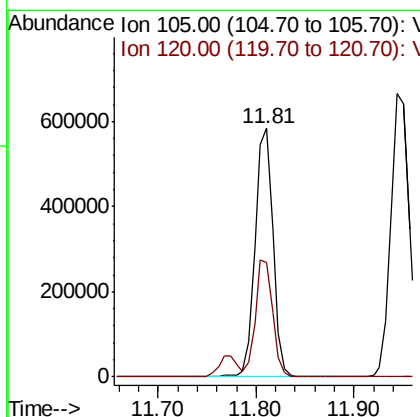
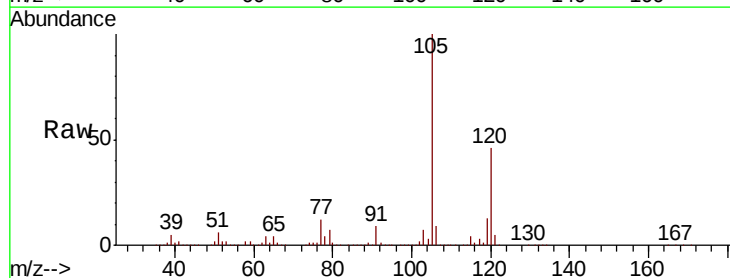
Manual Integrations
 APPROVED

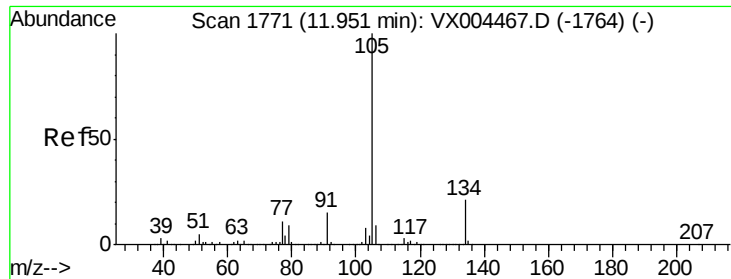
MMDadoda
 9/19/2018 12:39:17 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 55.213 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	737895		
120	45.3	23.2	69.6	





#85

sec-Butylbenzene

Concen: 54.539 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 866105

Ion Ratio Lower Upper

105 100

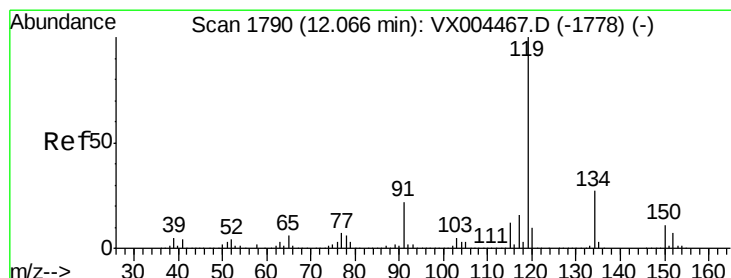
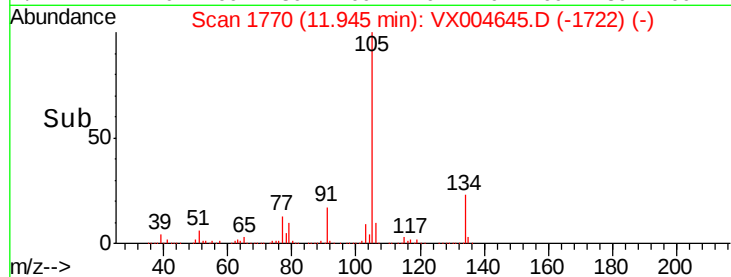
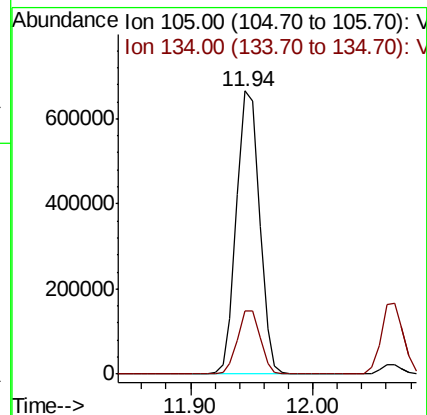
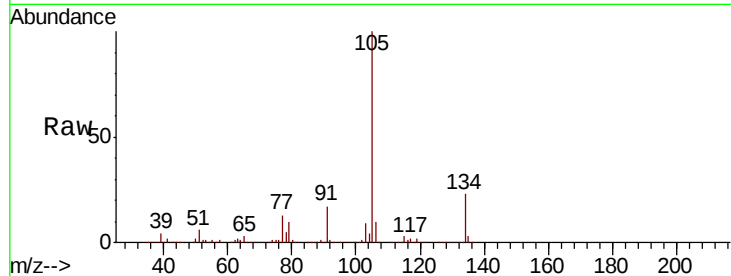
134 22.0 10.5 31.5

Manual Integrations

APPROVED

MMDadoda

9/19/2018 12:39:17 PM



#86

p-Isopropyltoluene

Concen: 57.440 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004645.D

Acq: 18 Sep 2018 09:07

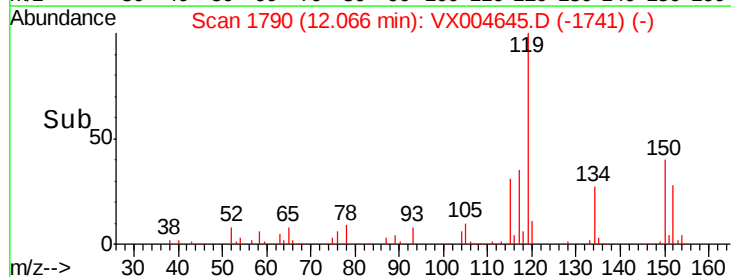
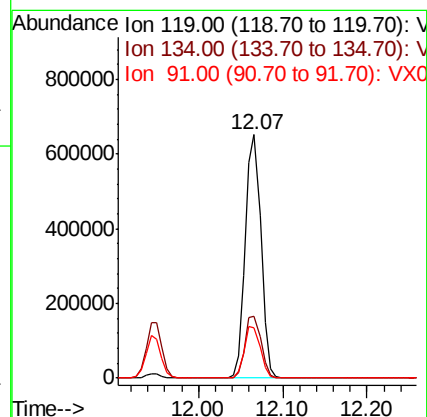
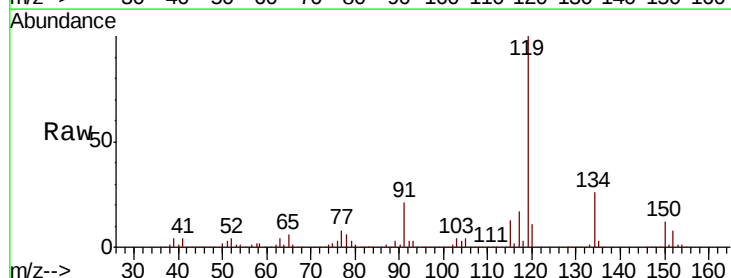
Tgt Ion:119 Resp: 805505

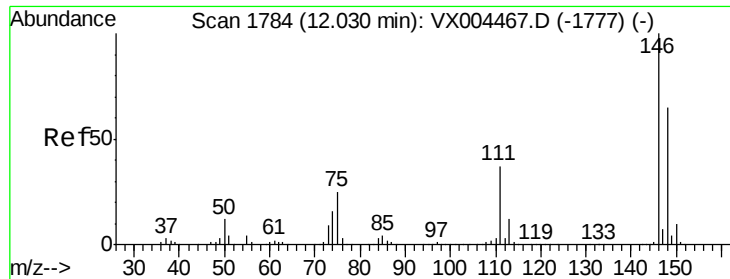
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 21.8 10.9 32.7





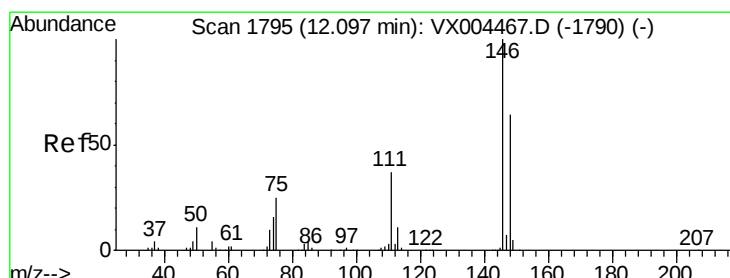
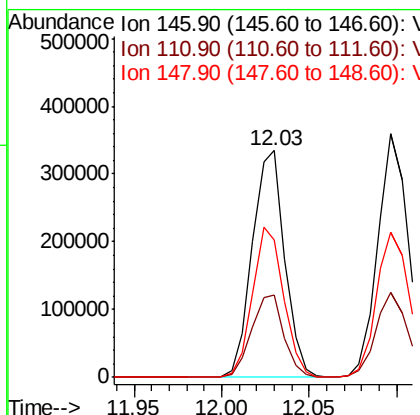
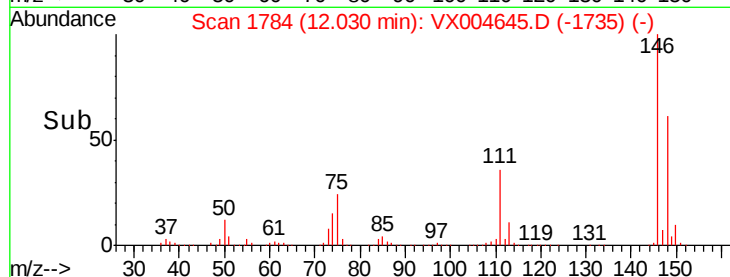
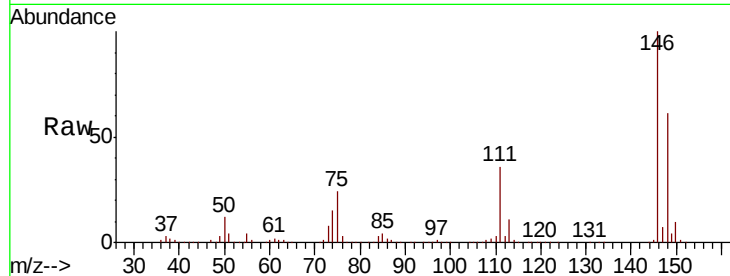
#87
 1,3-Dichlorobenzene
 Concen: 53.622 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	430575		
111	36.2	18.7	56.1	
148	63.8	32.1	96.5	

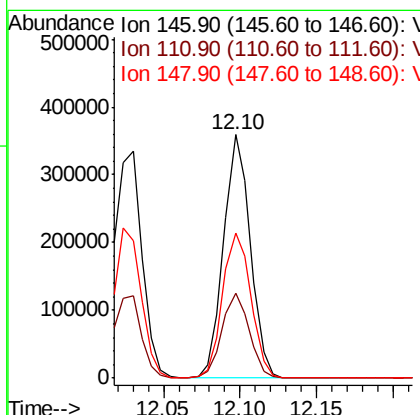
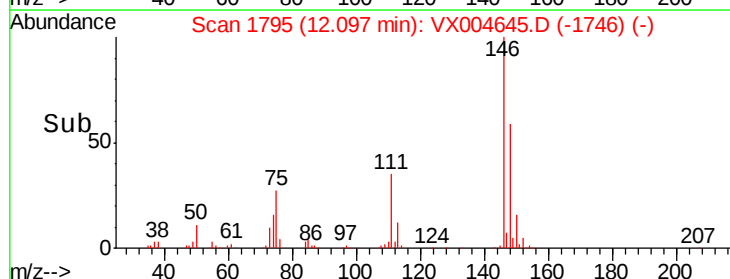
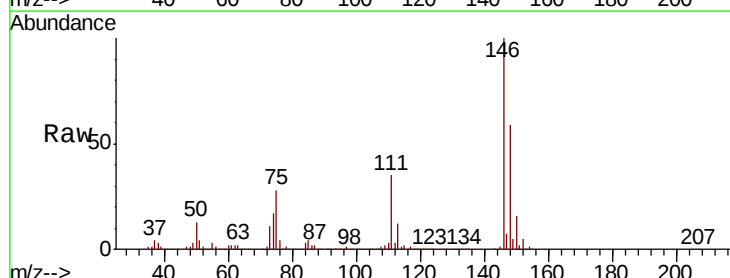
Manual Integrations
 APPROVED

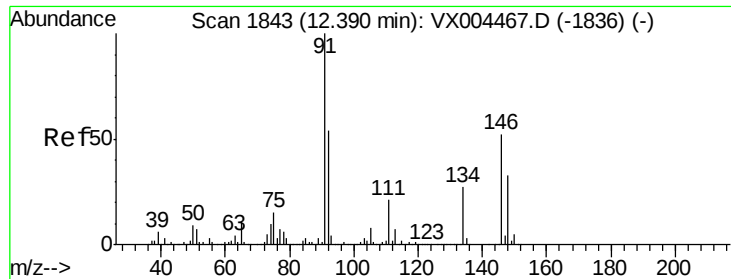
MMDadoda
 9/19/2018 12:39:17 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.388 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	434664		
111	35.7	18.1	54.1	
148	63.2	32.0	96.0	





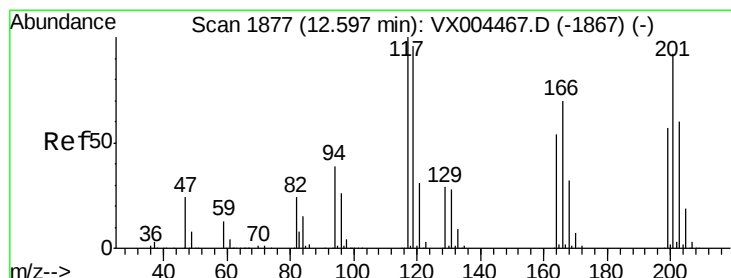
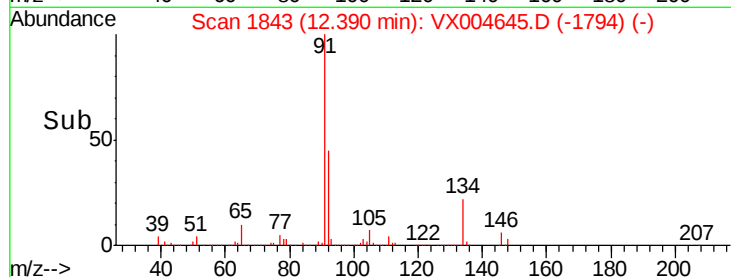
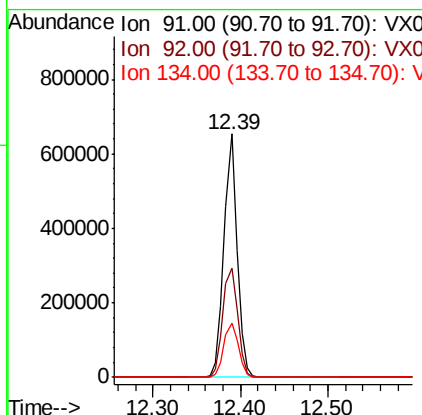
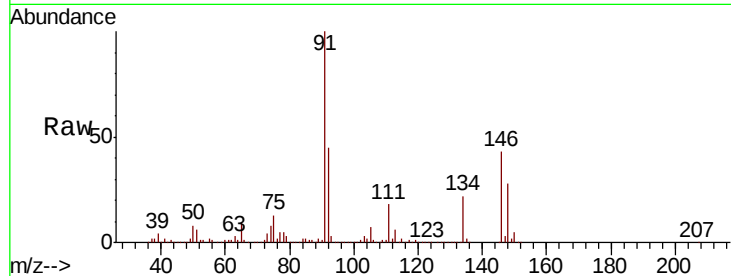
#89
n-Butylbenzene
Concen: 52.507 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	670990		
92	51.0	27.3	81.9	
134	24.8	13.6	40.7	

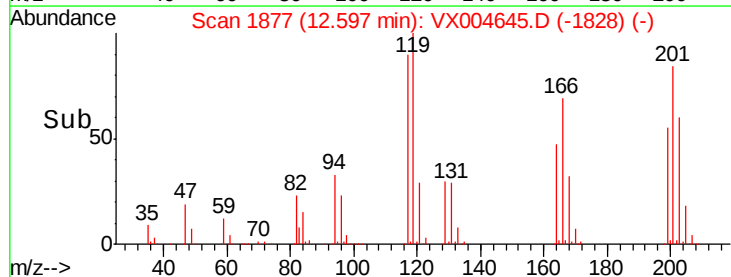
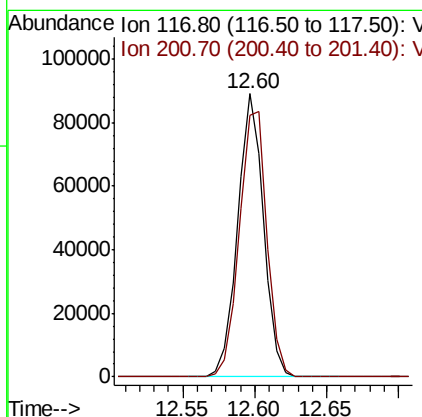
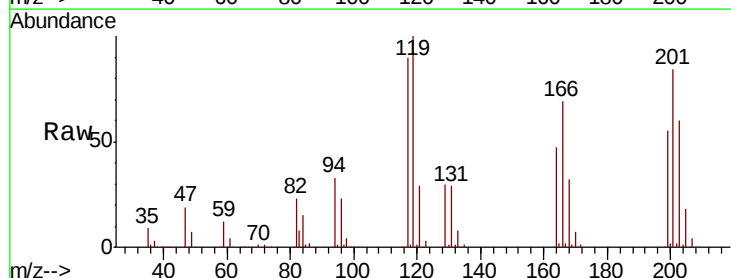
Manual Integrations
APPROVED

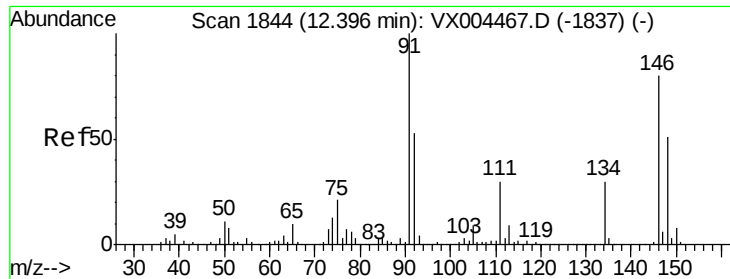
MMDadoda
9/19/2018 12:39:17 PM



#90
Hexachloroethane
Concen: 49.441 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110994		
201	99.7	46.9	140.6	





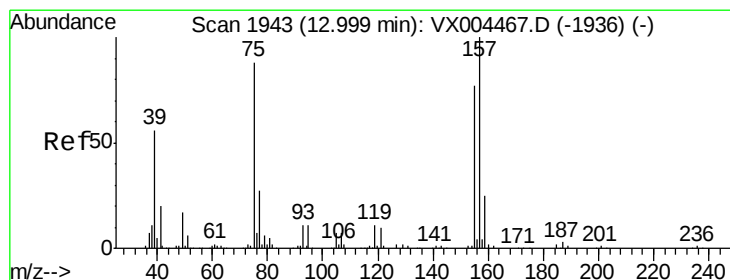
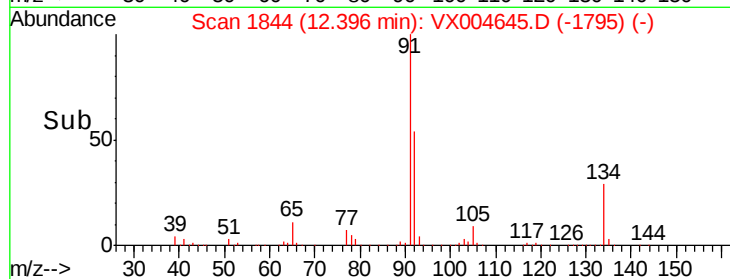
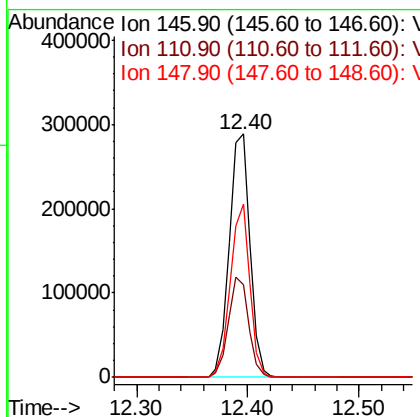
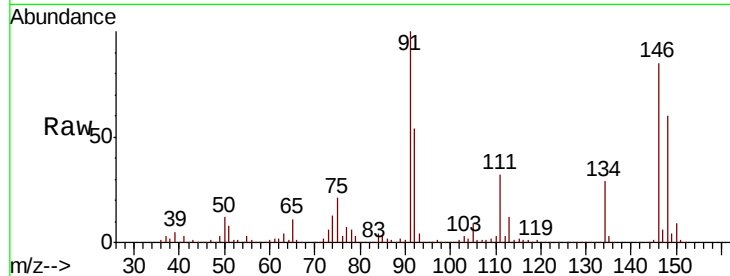
#91
 1,2-Dichlorobenzene
 Concen: 45.657 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.4	58.1
148	66.9	32.8	98.3

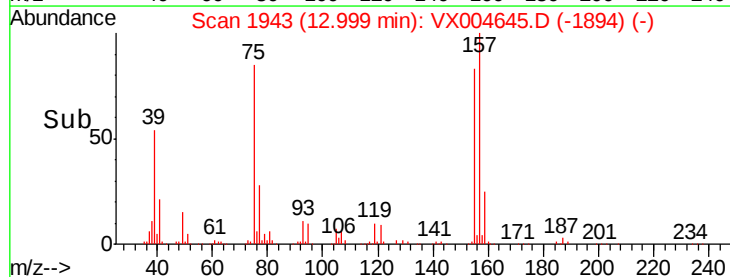
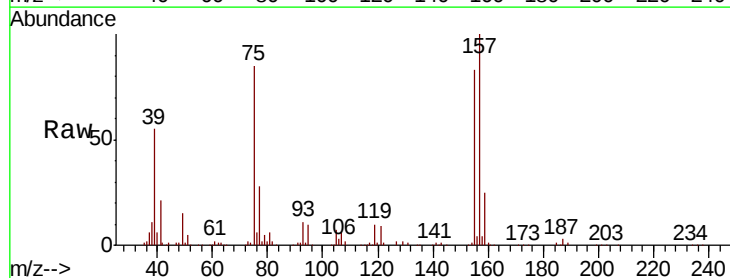
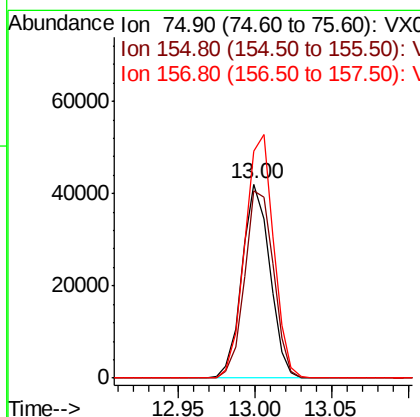
Manual Integrations
 APPROVED

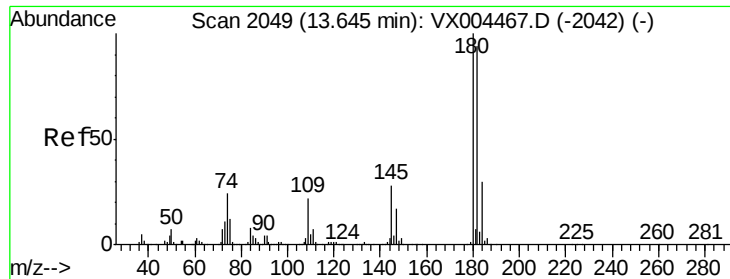
MMDadoda
 9/19/2018 12:39:17 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.634 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004645.D
 Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	48.0	144.2
157	129.4	61.4	184.1





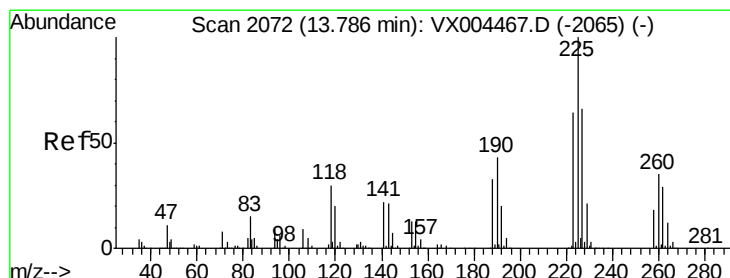
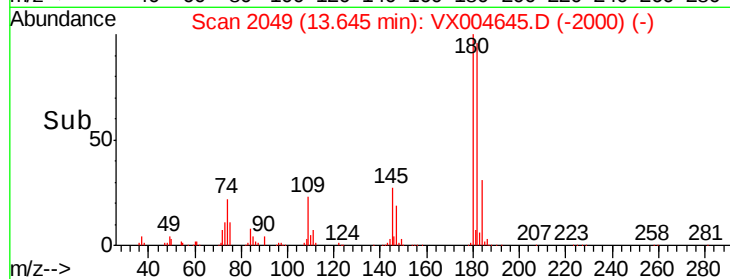
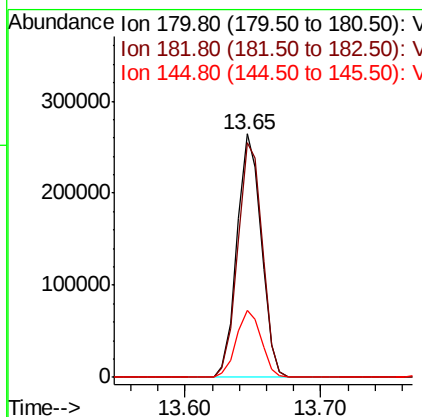
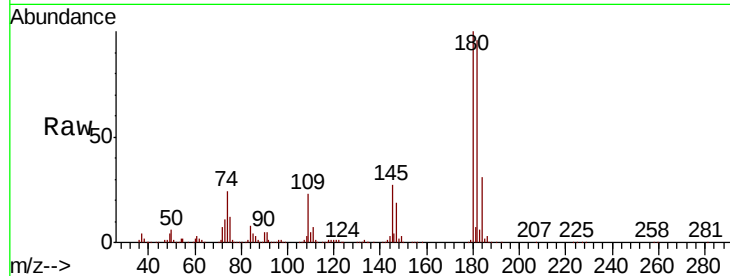
#93
1,2,4-Trichlorobenzene
Concen: 56.954 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	327762		
182	97.5	48.4	145.0	
145	28.2	14.3	42.9	

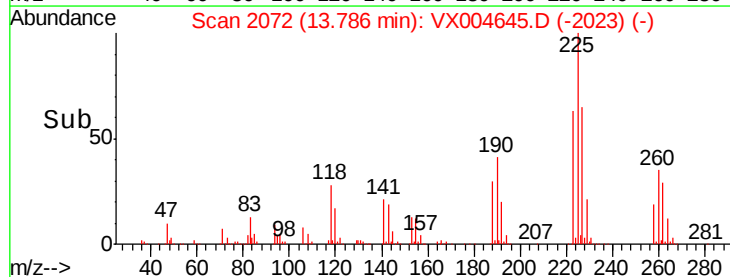
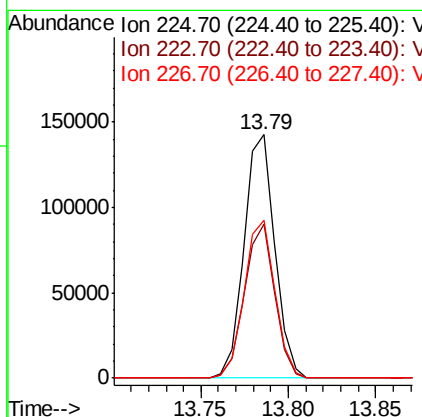
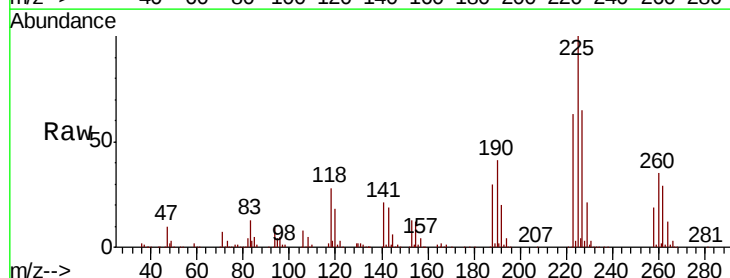
Manual Integrations
APPROVED

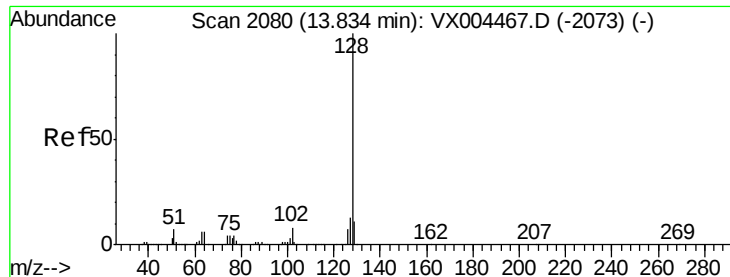
MMDadoda
9/19/2018 12:39:17 PM



#94
Hexachlorobutadiene
Concen: 57.852 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	173906		
223	62.3	30.1	90.5	
227	64.6	30.8	92.4	





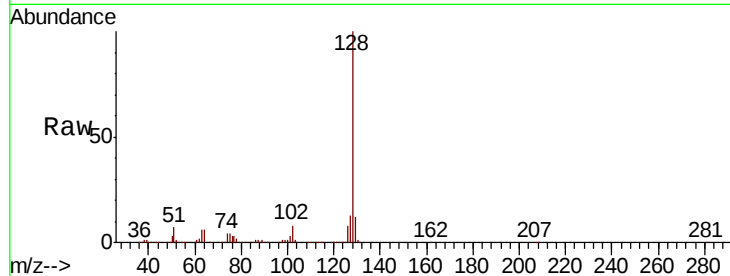
#95
Naphthalene
Concen: 56.235 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	907667		
127	13.1	10.2	15.2	
129	11.1	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
9/19/2018 12:39:17 PM

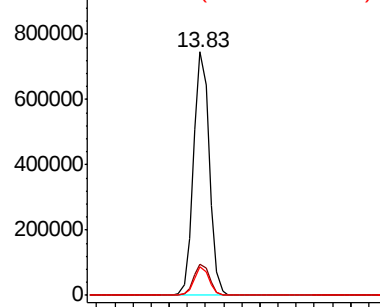


Abundance

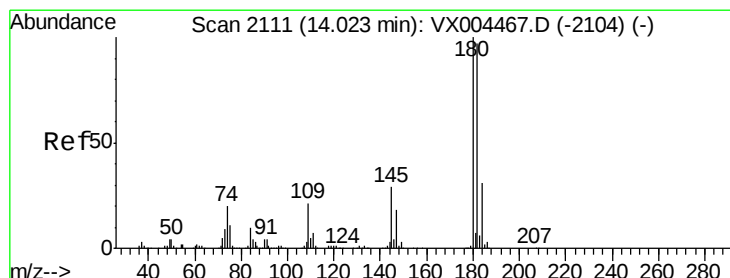
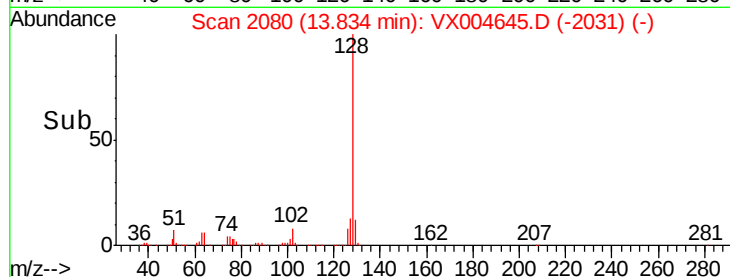
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

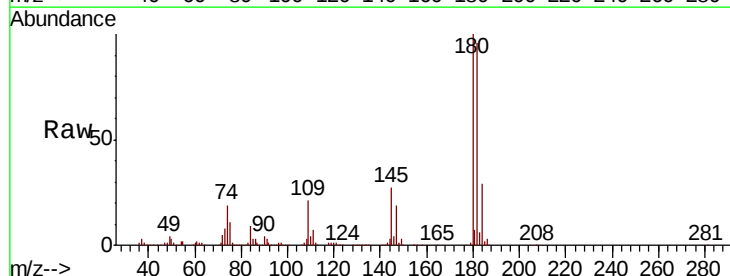


Time-->



#96
1,2,3-Trichlorobenzene
Concen: 56.208 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004645.D
Acq: 18 Sep 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	332316		
182	96.9	48.5	145.6	
145	28.5	14.9	44.9	

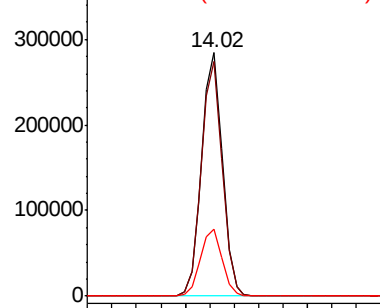


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

