

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006709.D
 Acq On : 21 Dec 2018 06:55
 Operator : JC/MD
 Sample : J6517-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:51 AM

Quant Time: Dec 21 08:21:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	591802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	925066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	840178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416983	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	322976	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.51	113	296955	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	1104251	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	399131	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	248669	45.931	ug/l	100
3) Chloromethane	1.33	50	254986	43.716	ug/l	99
4) Vinyl Chloride	1.41	62	294712	48.379	ug/l	97
5) Bromomethane	1.64	94	161151	27.485	ug/l	97
6) Chloroethane	1.72	64	209946	49.774	ug/l	95
7) Trichlorofluoromethane	1.93	101	468937	49.375	ug/l	98
8) Diethyl Ether	2.19	74	187296	49.650	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	269918	48.403	ug/l	100
10) Methyl Iodide	2.51	142	258012	32.322	ug/l	100
11) Tert butyl alcohol	3.08	59	351894	247.214	ug/l	96
12) 1,1-Dichloroethene	2.37	96	260628	49.291	ug/l	97
13) Acrolein	2.30	56	201020	209.339	ug/l	99
14) Allyl chloride	2.73	41	425239	47.778	ug/l	100
15) Acrylonitrile	3.15	53	827743	261.905	ug/l	100
16) Acetone	2.45	43	705545	240.772	ug/l	99
17) Carbon Disulfide	2.57	76	605462	43.269	ug/l	98
18) Methyl Acetate	2.78	43	419612	48.698	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	949328	54.094	ug/l	98
20) Methylene Chloride	2.86	84	294722	48.639	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	278996	47.621	ug/l	99
22) Diisopropyl ether	3.87	45	851508	52.296	ug/l	94
23) Vinyl Acetate	3.82	43	3031117	227.586	ug/l	100
24) 1,1-Dichloroethane	3.70	63	475918	48.963	ug/l	99
25) 2-Butanone	4.70	43	1013967	245.996	ug/l	99
26) 2,2-Dichloropropane	4.58	77	237265	31.601	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	326782	50.555	ug/l	96
28) Bromochloromethane	5.02	49	228599	56.015	ug/l	99
29) Tetrahydrofuran	5.15	42	695376	256.142	ug/l	99
30) Chloroform	5.21	83	515908	51.255	ug/l	98
31) Cyclohexane	5.58	56	494459	55.996	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	430067	50.601	ug/l	100
36) 1,1-Dichloropropene	5.80	75	371312	48.464	ug/l	100
37) Ethyl Acetate	4.86	43	369097	46.285	ug/l	98
38) Carbon Tetrachloride	5.78	117	360676	48.439	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006709.D
 Acq On : 21 Dec 2018 06:55
 Operator : JC/MD
 Sample : J6517-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:51 AM

Quant Time: Dec 21 08:21:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	700229	69.420	ug/l	99
40) Benzene	6.15	78	1167164	50.117	ug/l	96
41) Methacrylonitrile	5.06	41	231616	54.707	ug/l	99
42) 1,2-Dichloroethane	6.20	62	384273	48.422	ug/l	92
43) Isopropyl Acetate	6.46	43	598173	49.300	ug/l	99
44) Trichloroethene	7.21	130	334423	47.444	ug/l	97
45) 1,2-Dichloropropane	7.52	63	293810	51.842	ug/l	98
46) Dibromomethane	7.66	93	206768	49.601	ug/l	97
47) Bromodichloromethane	7.90	83	346178	50.019	ug/l	96
48) Methyl methacrylate	7.77	41	360075	58.357	ug/l	94
49) 1,4-Dioxane	7.75	88	132533	817.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2019082	261.535	ug/l	99
52) Toluene	8.79	92	756449	50.277	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363922	49.029	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	406402	49.899	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	310331	50.391	ug/l	99
56) Ethyl methacrylate	9.18	69	476871	54.786	ug/l	95
57) 1,3-Dichloropropane	9.37	76	497983	50.259	ug/l	100
59) 2-Hexanone	9.49	43	1491893	252.571	ug/l	100
60) Dibromochloromethane	9.59	129	303483	47.251	ug/l	98
61) 1,2-Dibromoethane	9.67	107	343461	52.464	ug/l	99
64) Tetrachloroethene	9.34	164	296542	44.573	ug/l	97
65) Chlorobenzene	10.14	112	869007	48.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	297417	53.631	ug/l	99
67) Ethyl Benzene	10.25	91	1458598	50.218	ug/l	100
68) m/p-Xylenes	10.36	106	1118256	97.570	ug/l	98
69) o-Xylene	10.70	106	551485	48.728	ug/l	98
70) Stvrene	10.71	104	877137	48.988	ug/l	98
71) Bromoform	10.86	173	214792	43.569	ug/l	99
73) Isopropylbenzene	11.02	105	2713769	95.131	ug/l	99
74) N-amyl acetate	10.90	43	501999	49.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	458920	54.093	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	397365m	51.278	ug/l	
77) Bromobenzene	11.26	156	392319	50.869	ug/l	99
78) n-propylbenzene	11.36	91	6896808	219.549	ug/l	100
79) 2-Chlorotoluene	11.42	91	951644	49.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1174558	49.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96787	39.025	ug/l	95
82) 4-Chlorotoluene	11.51	91	1094871	50.139	ug/l	99
83) tert-Butylbenzene	11.77	119	1296473	55.131	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1203576	48.700	ug/l	100
85) sec-Butylbenzene	11.94	105	1886434	65.428	ug/l	94
86) p-Isopropyltoluene	12.07	119	1296642	51.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	689294	49.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	685072	48.079	ug/l	99
89) n-Butylbenzene	12.39	91	1667293	77.298	ug/l #	84
90) Hexachloroethane	12.59	117	263482	65.344	ug/l	73
91) 1,2-Dichlorobenzene	12.39	146	677188	48.704	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130098	74.112	ug/l	67
93) 1,2,4-Trichlorobenzene	13.65	180	501012	52.237	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006709.D
Acq On : 21 Dec 2018 06:55
Operator : JC/MD
Sample : J6517-11MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM

Quant Time: Dec 21 08:21:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	232888	51.516	ug/l	98
95) Naphthalene	13.83	128	1630030	53.249	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	511801	51.683	ug/l	97

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

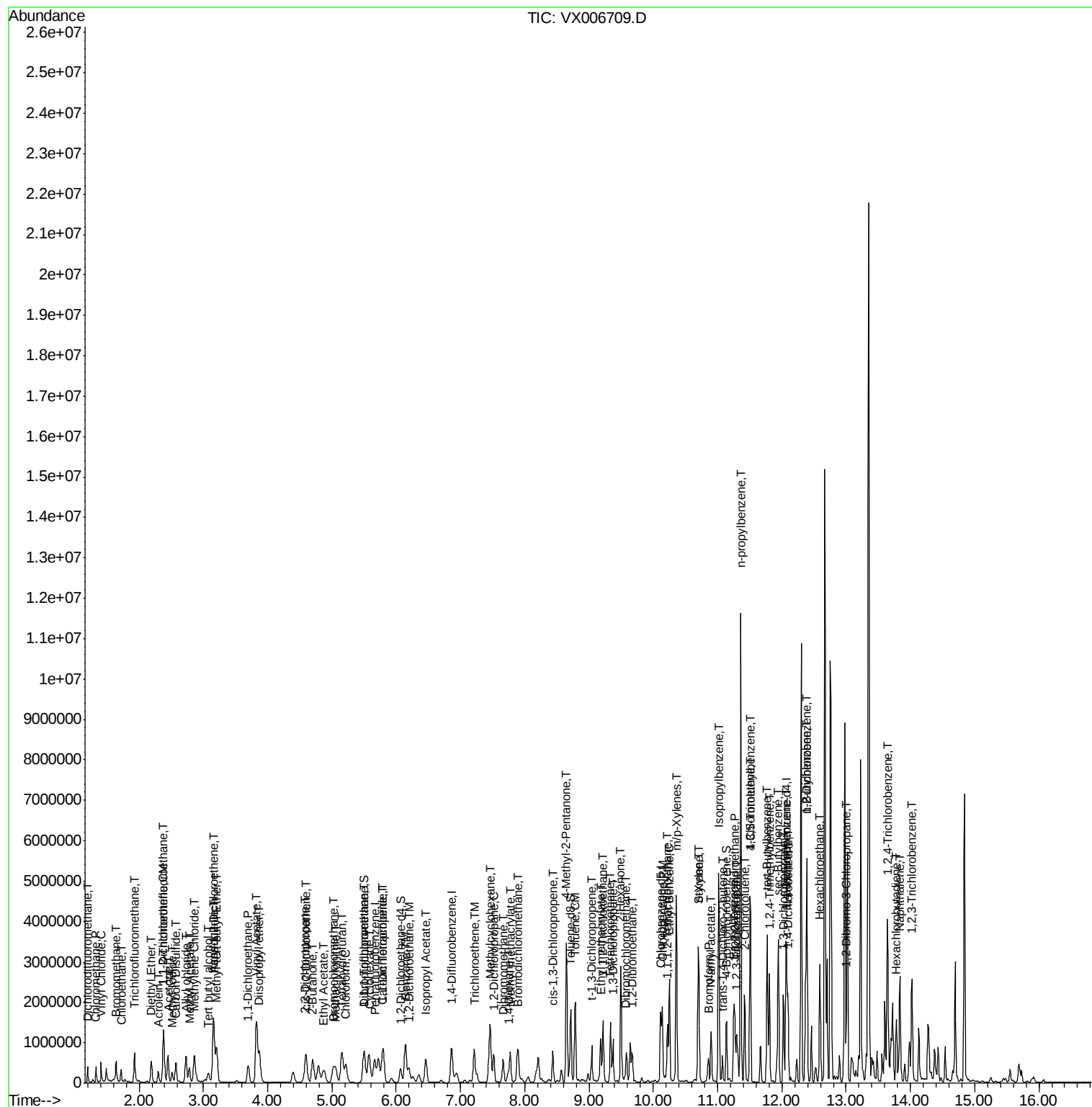
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
Data File : VX006709.D
Acq On : 21 Dec 2018 06:55
Operator : JC/MD
Sample : J6517-11MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

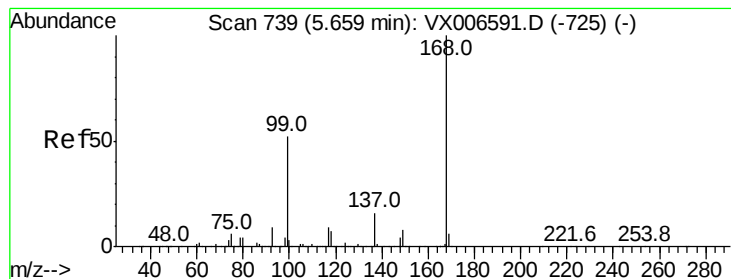
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM

Quant Time: Dec 21 08:21:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





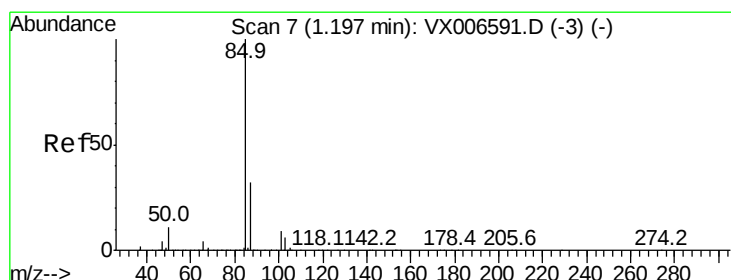
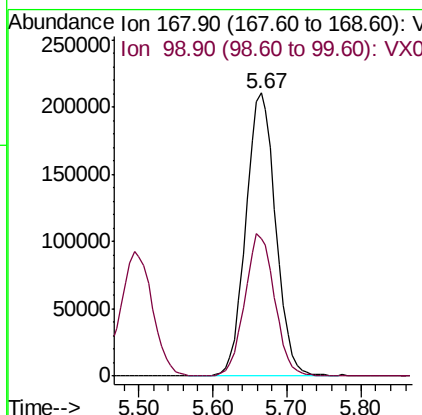
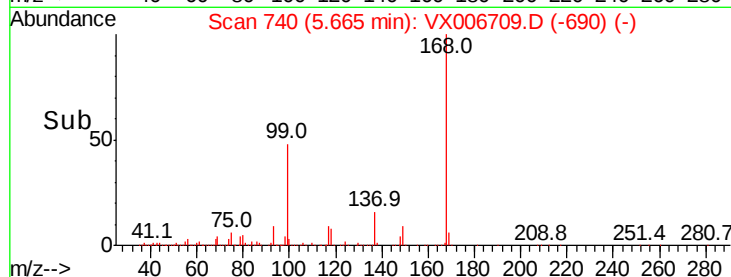
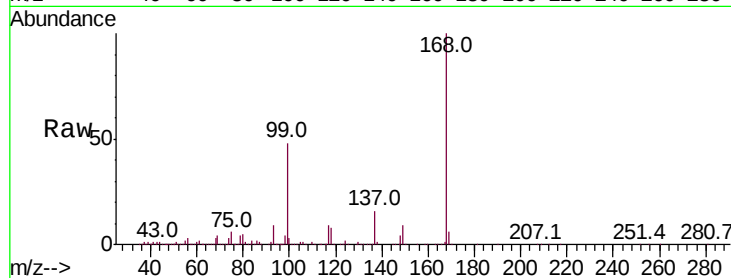
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	591802		
99	48.3		41.8	62.8

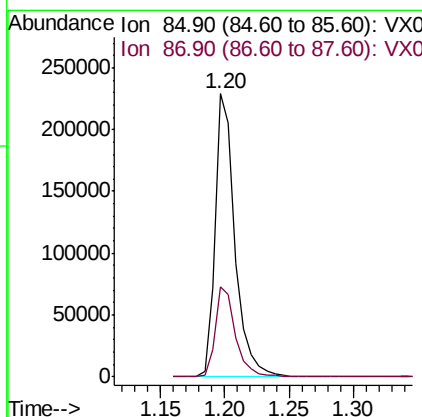
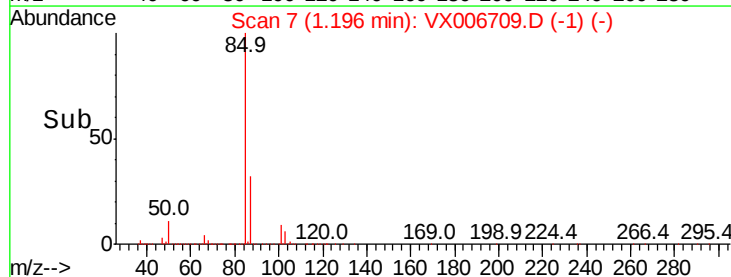
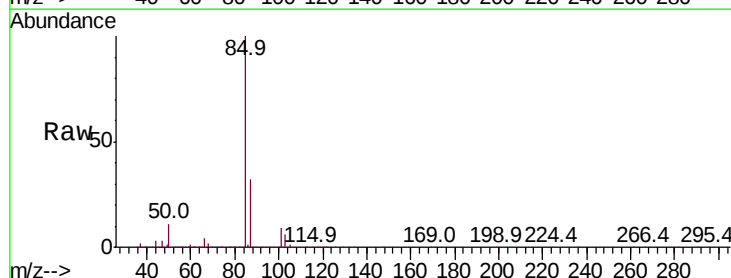
Manual Integrations
APPROVED

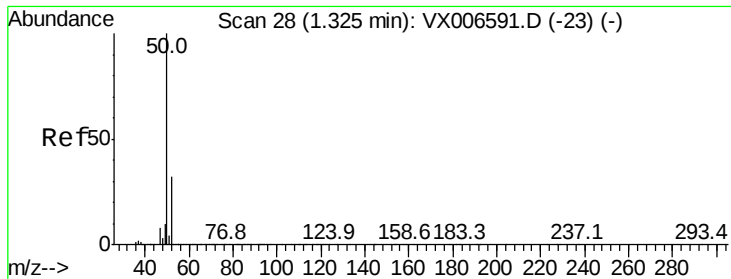
MMDadoda
12/21/2018 10:19:51 AM



#2
Dichlorodifluoromethane
Concen: 45.931 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	248669		
87	31.7		15.9	47.6





#3

Chloromethane

Concen: 43.716 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 50 Resp: 254986

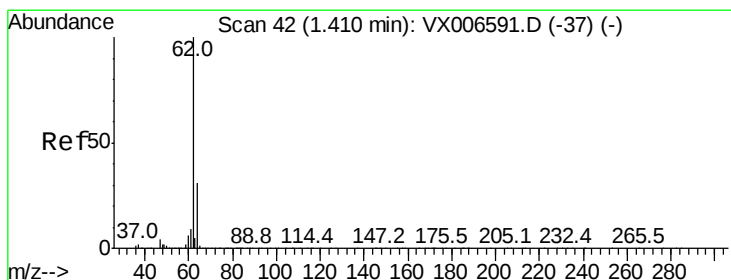
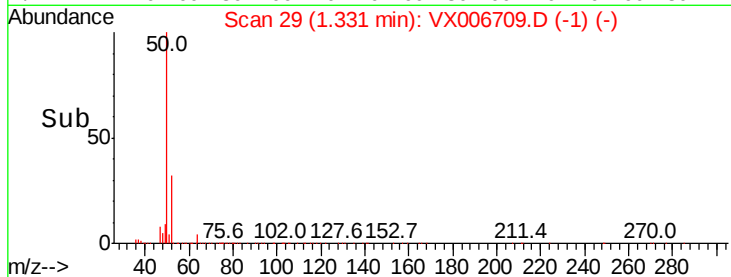
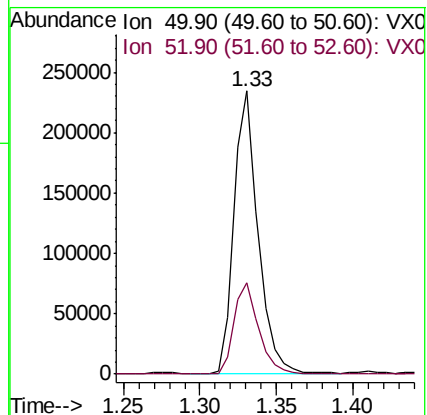
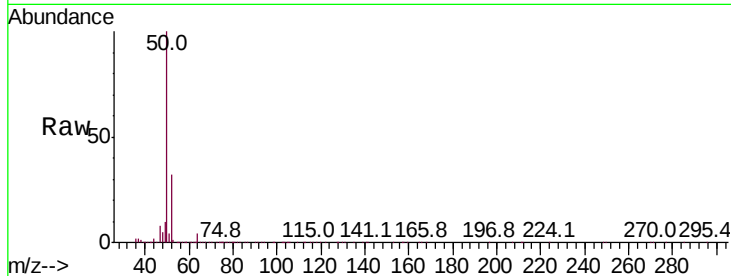
Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#4

Vinyl Chloride

Concen: 48.379 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006709.D

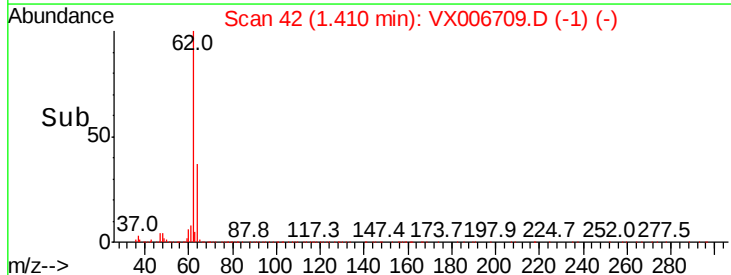
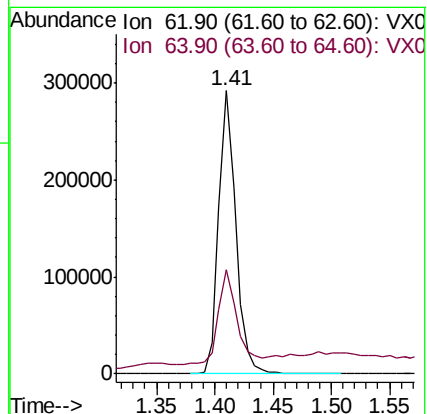
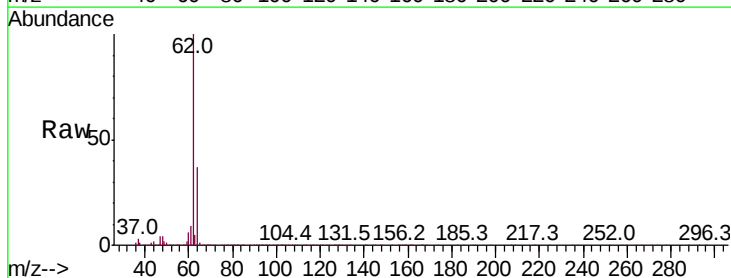
Acq: 21 Dec 2018 06:55

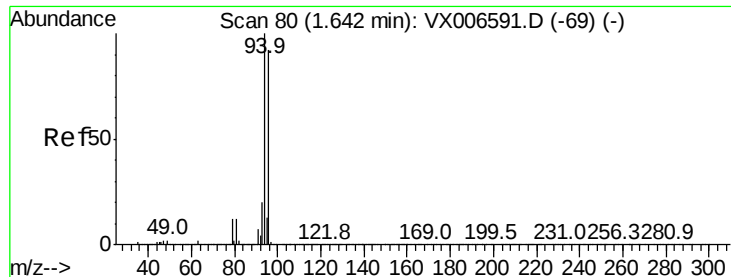
Tgt Ion: 62 Resp: 294712

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 27.485 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tot Ion: 94 Resp: 161151

Ion Ratio Lower Upper

94 100

96 95.0 73.4 110.2

Instrument :

MSVOA_X

ClientSampleId :

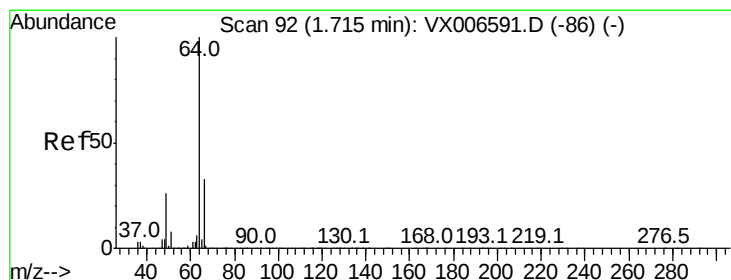
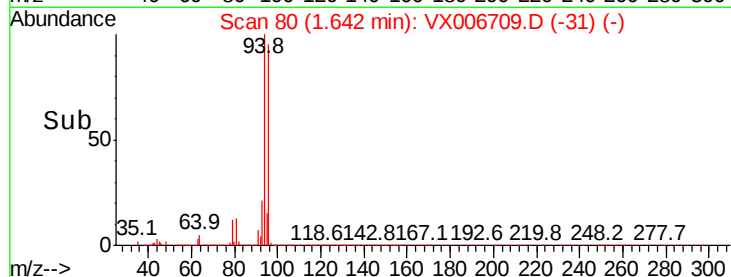
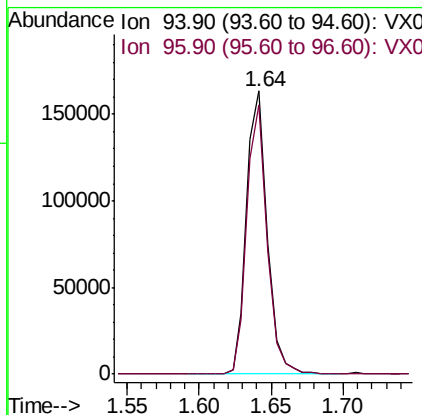
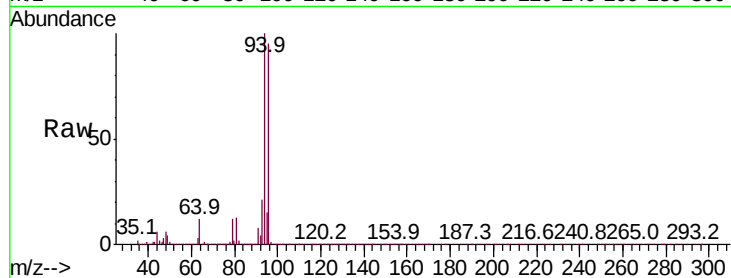
T3-MW-2-9.0-121918MS

Manual Integrations

APPROVED

MMDadoda

12/21/2018 10:19:51 AM



#6

Chloroethane

Concen: 49.774 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006709.D

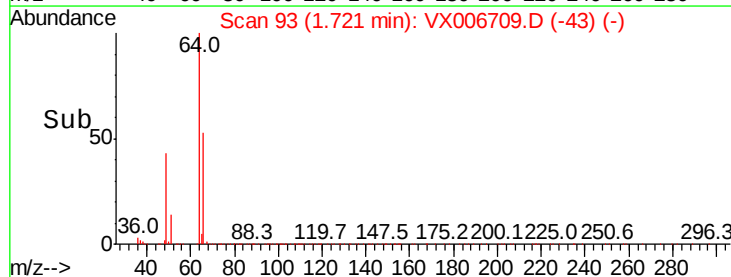
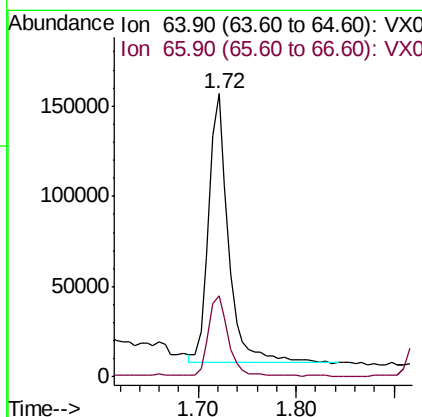
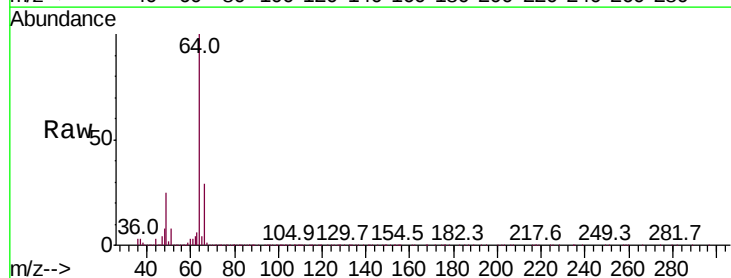
Acq: 21 Dec 2018 06:55

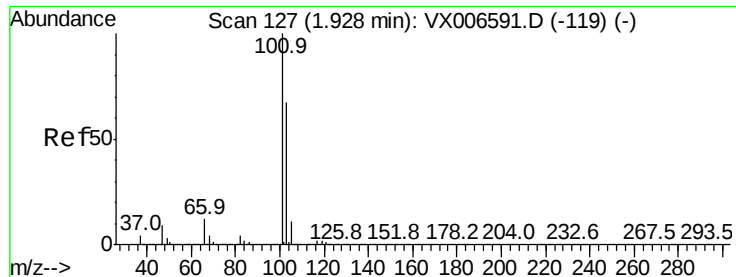
Tgt Ion: 64 Resp: 209946

Ion Ratio Lower Upper

64 100

66 30.1 26.4 39.6





#7

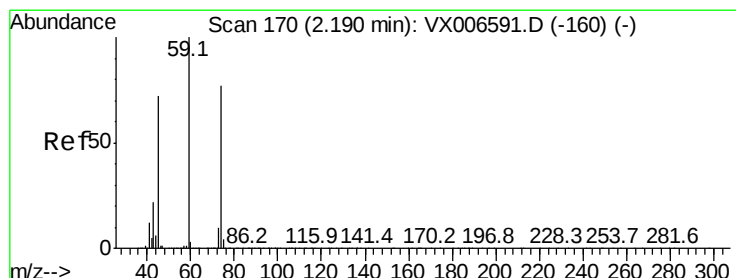
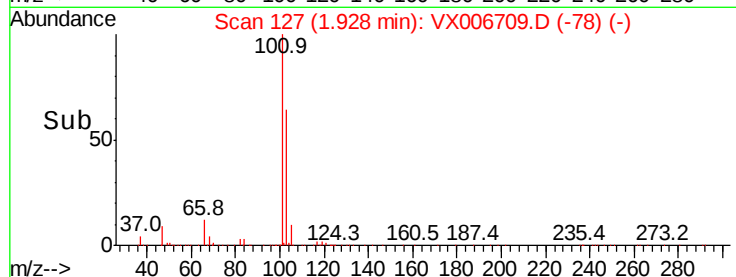
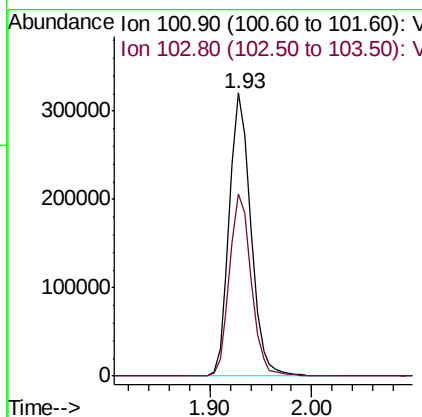
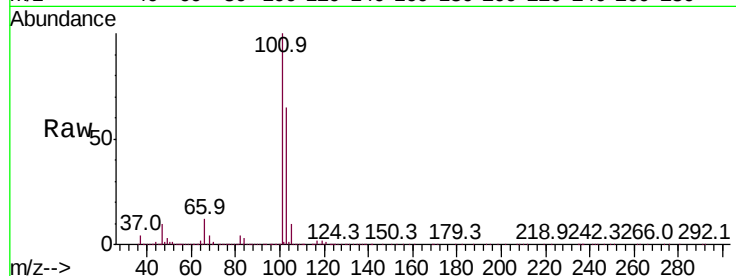
Trichlorofluoromethane
Concen: 49.375 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	53.2	79.8

Manual Integrations
APPROVED

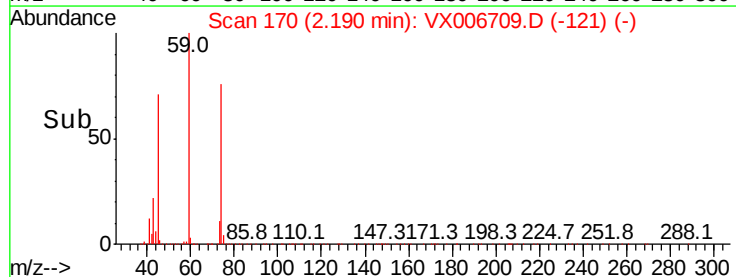
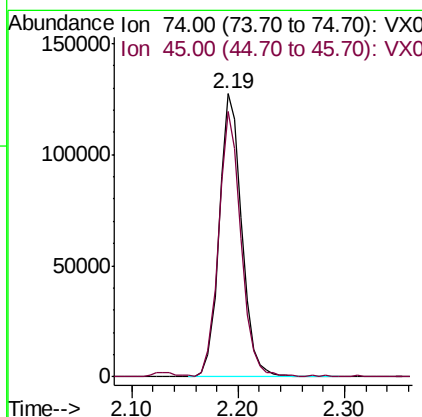
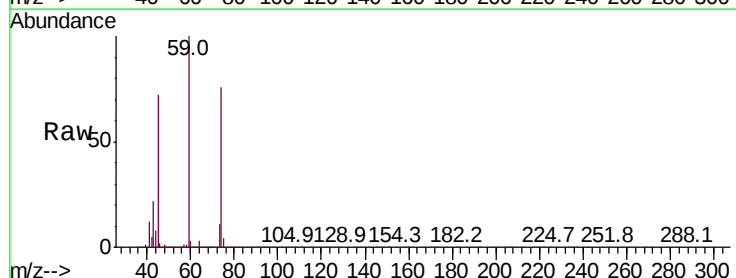
MMDadoda
12/21/2018 10:19:51 AM

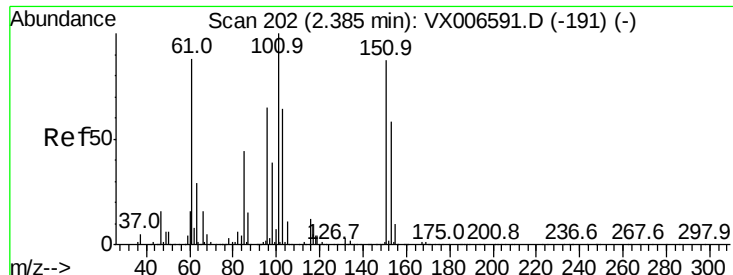


#8

Diethyl Ether
Concen: 49.650 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.403 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

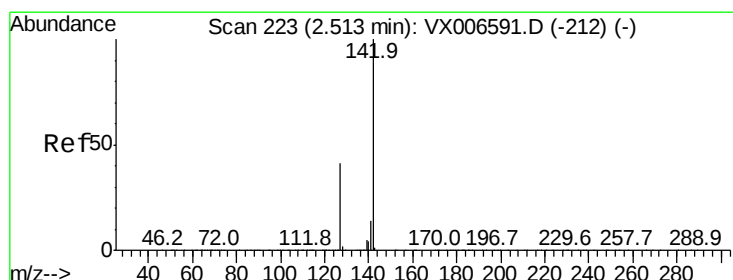
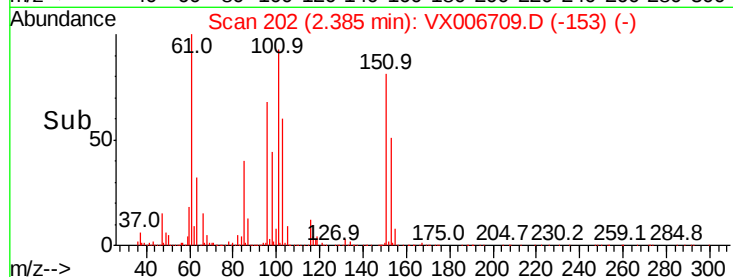
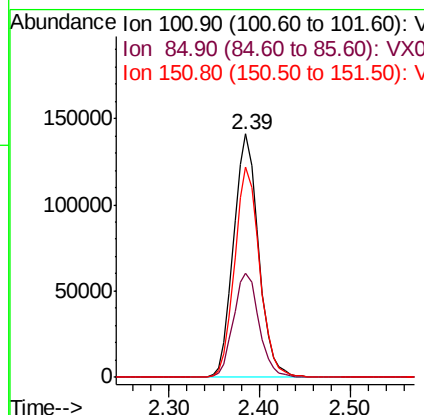
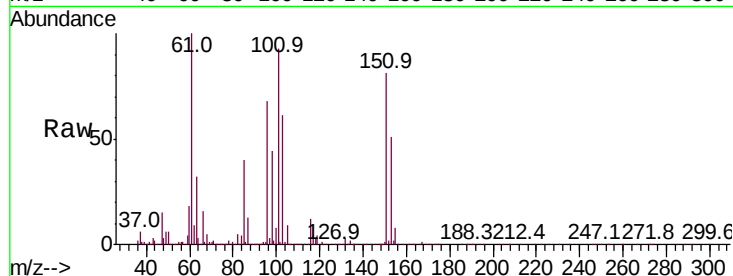
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:	101	Resp:	269918
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.1	52.7
151	86.5	68.9	103.3

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#10

Methyl Iodide

Concen: 32.322 ug/l

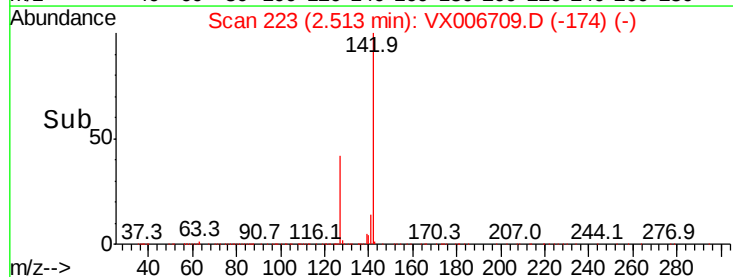
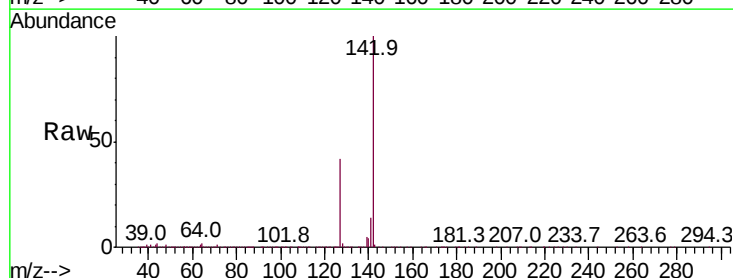
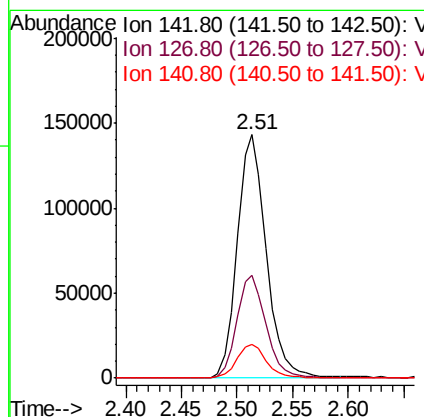
RT: 2.51 min Scan# 223

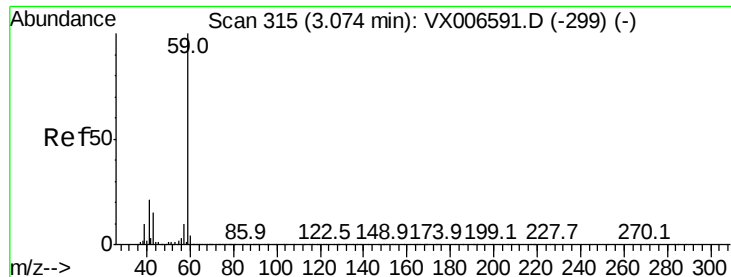
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion:	142	Resp:	258012
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	14.1	11.4	17.0





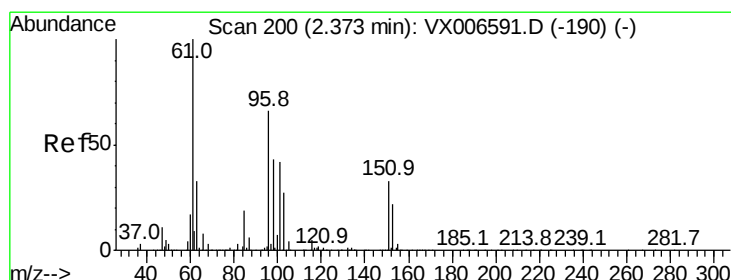
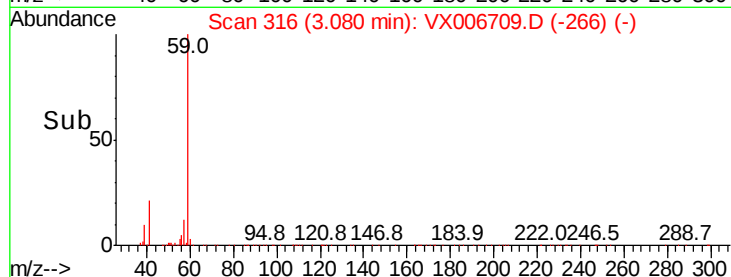
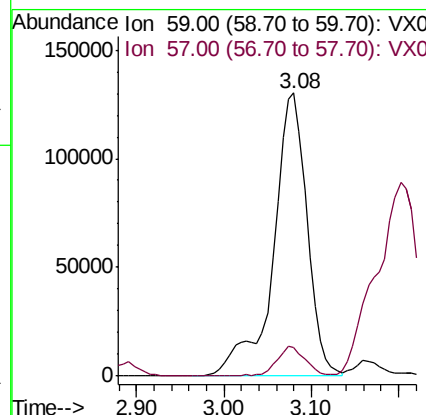
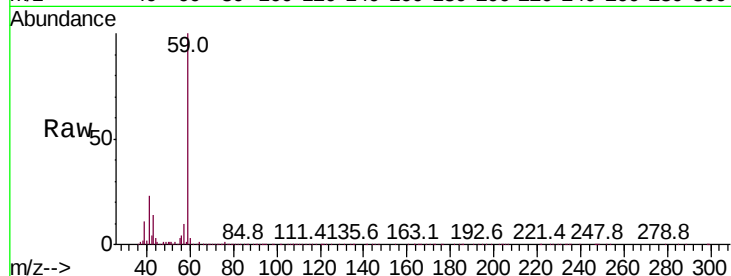
#11
Tert butyl alcohol
Concen: 247.214 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.5	12.7

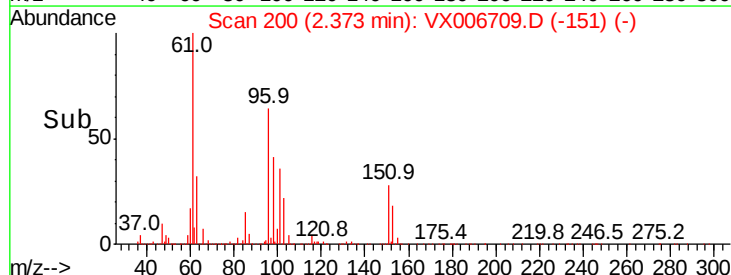
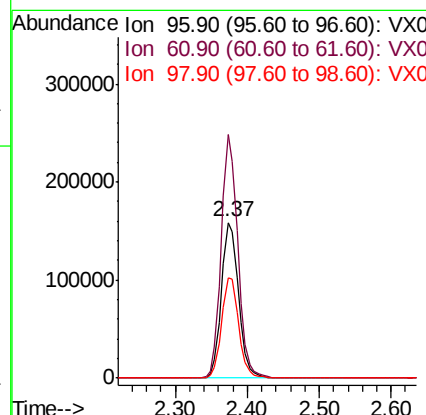
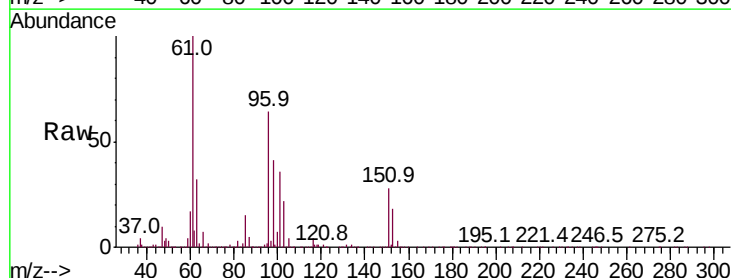
Manual Integrations
APPROVED

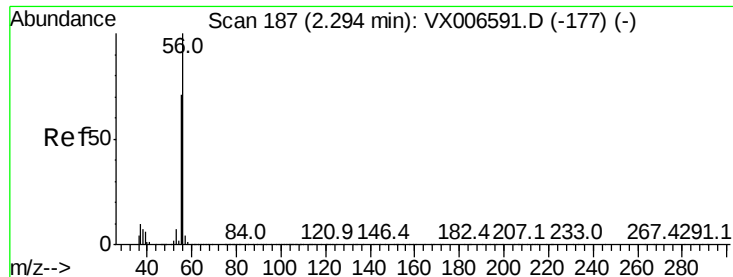
MMDadoda
12/21/2018 10:19:51 AM



#12
1,1-Dichloroethene
Concen: 49.291 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	121.4	182.2
98	64.3	51.9	77.9





#13

Acrolein

Concen: 209.339 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 56 Resp: 201020

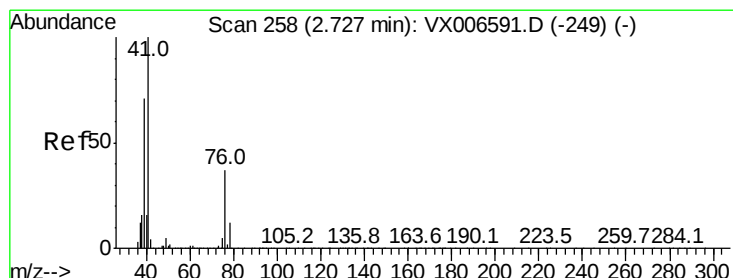
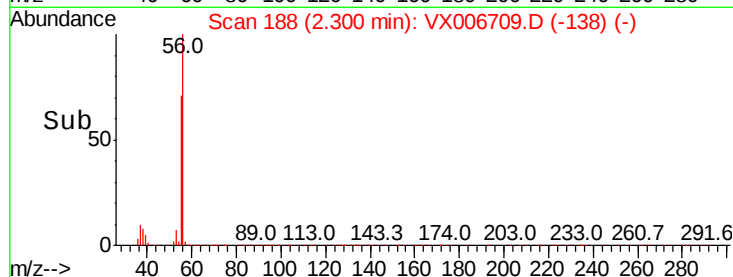
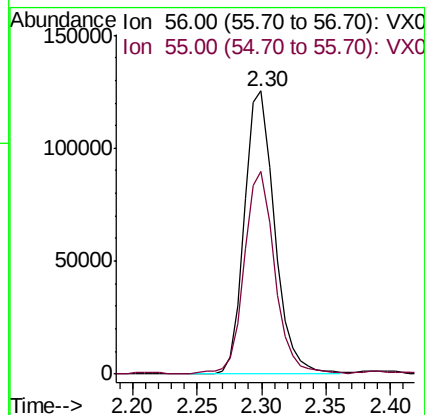
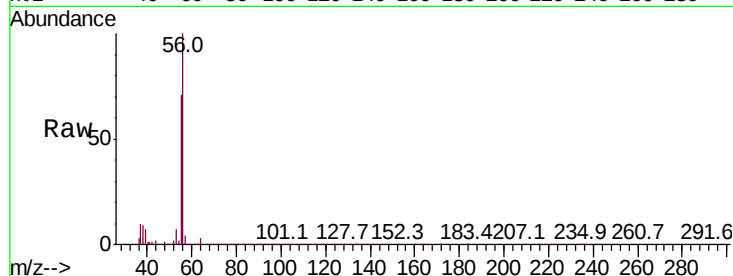
Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.4

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#14

Allyl chloride

Concen: 47.778 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

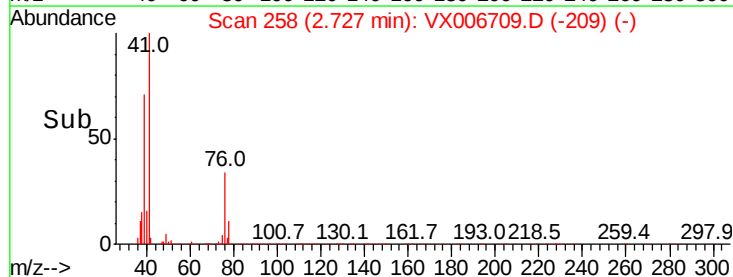
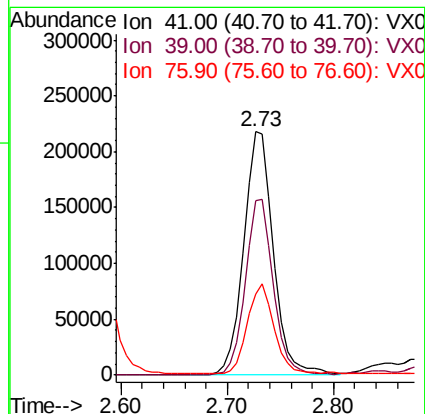
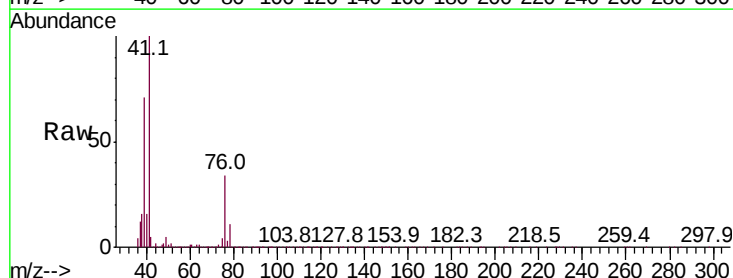
Tgt Ion: 41 Resp: 425239

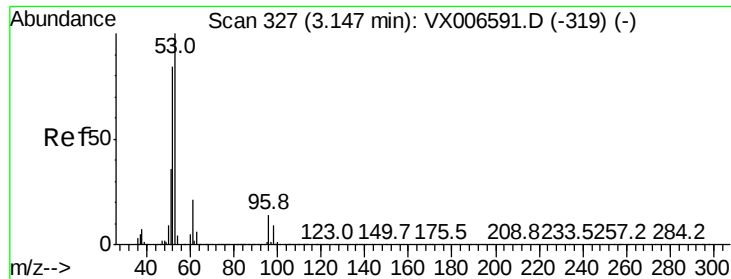
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 34.3 27.4 41.2





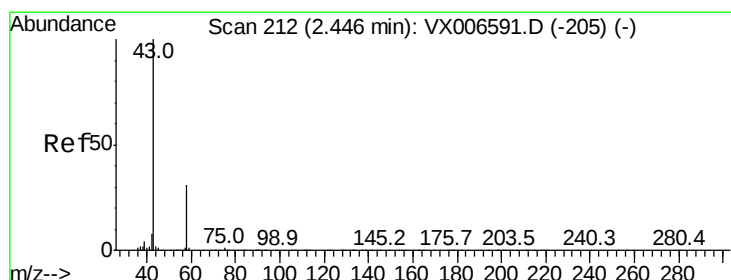
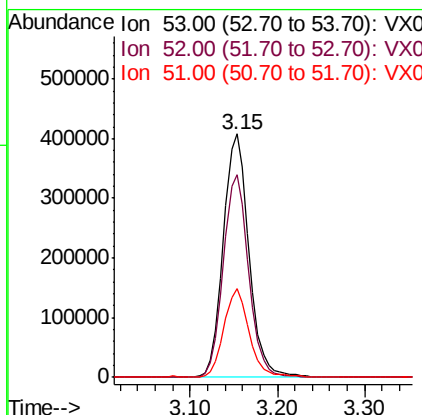
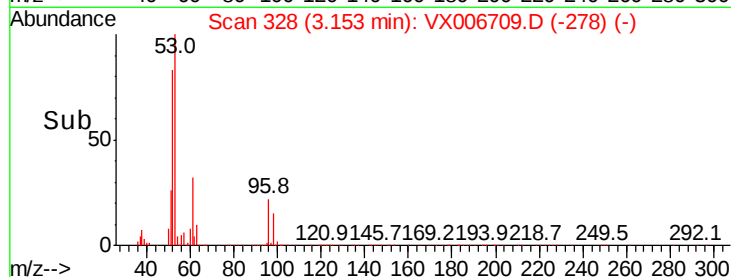
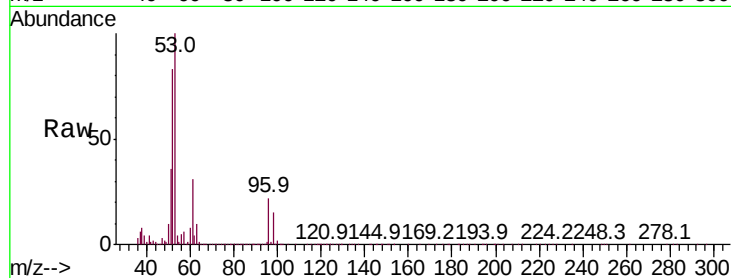
#15
Acrylonitrile
Concen: 261.905 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.0	99.0
51	36.1	28.6	42.8

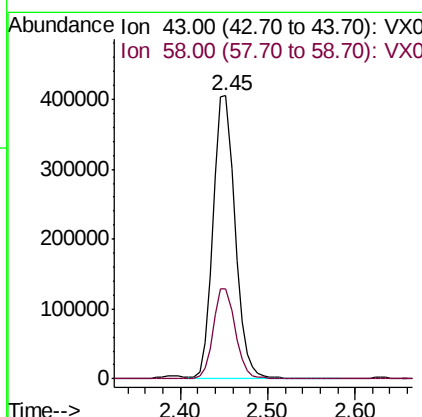
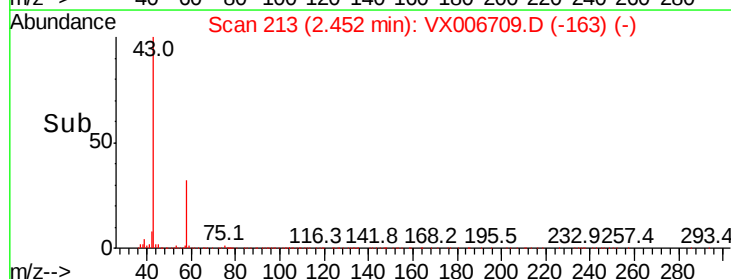
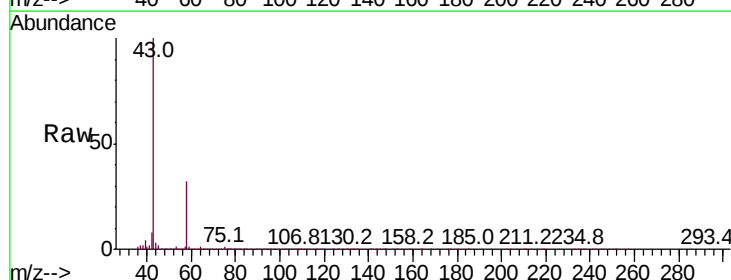
Manual Integrations
APPROVED

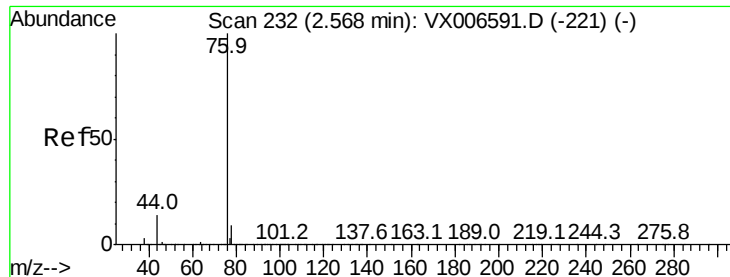
MMDadoda
12/21/2018 10:19:51 AM



#16
Acetone
Concen: 240.772 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.0	37.6





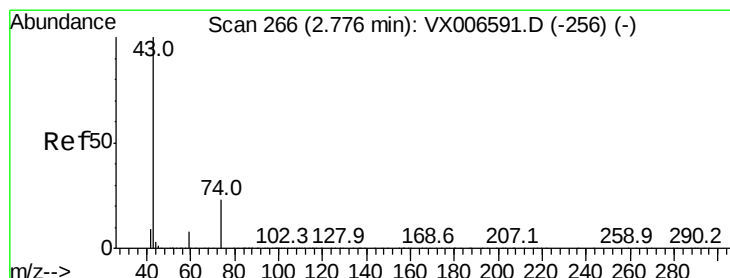
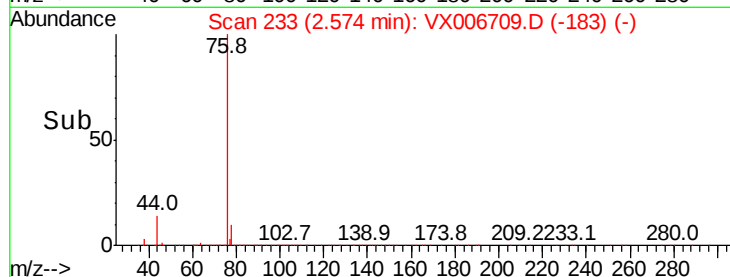
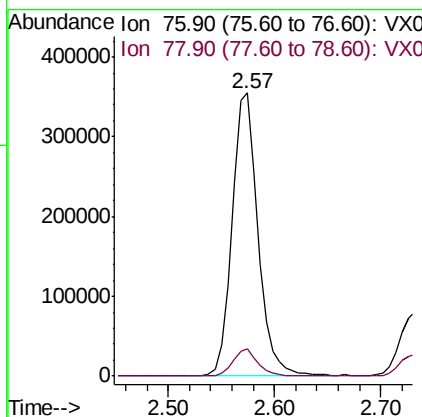
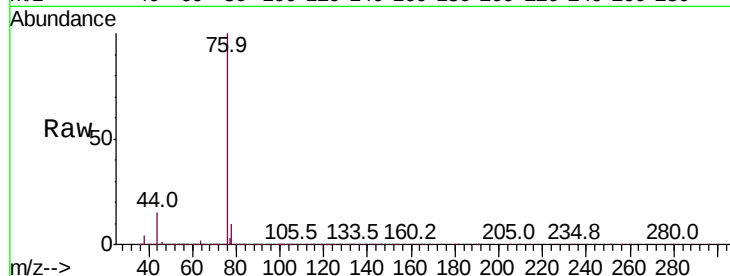
#17
Carbon Disulfide
Concen: 43.269 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.6

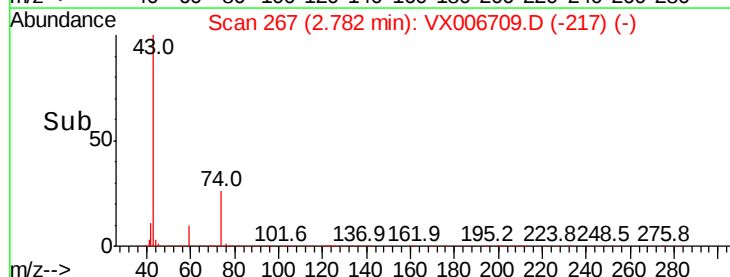
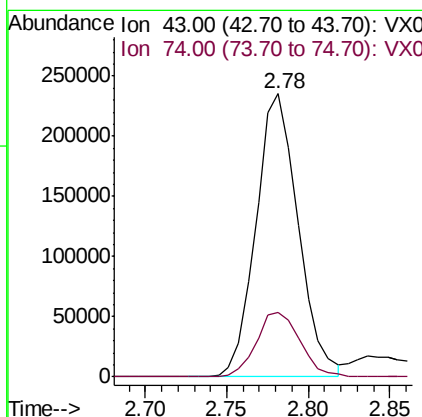
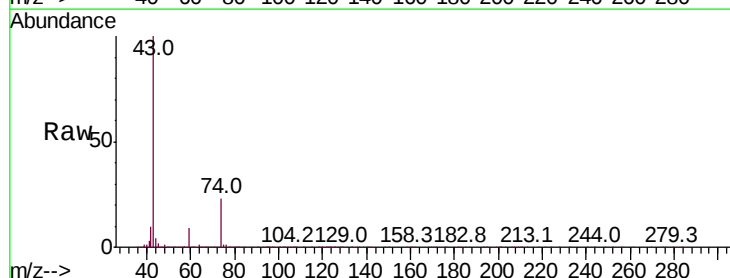
Manual Integrations
APPROVED

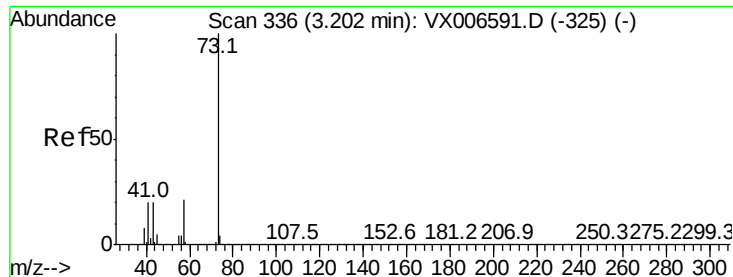
MMDadoda
12/21/2018 10:19:51 AM



#18
Methyl Acetate
Concen: 48.698 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.6	28.0





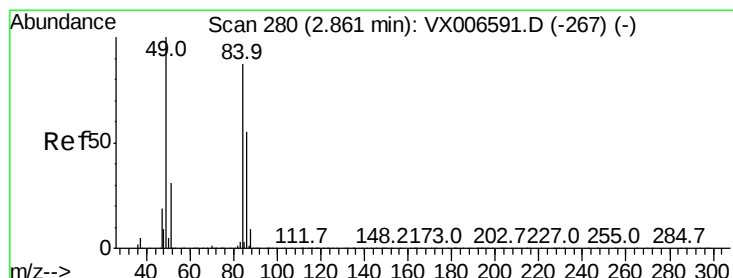
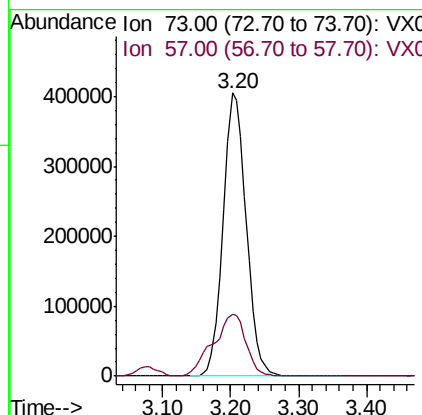
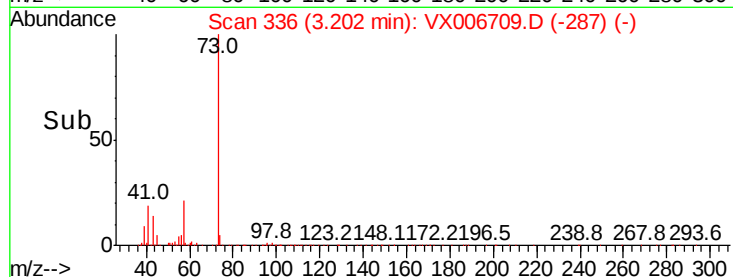
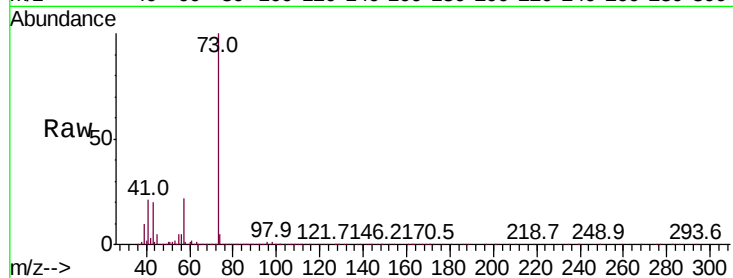
#19
Methyl tert-butyl Ether
Concen: 54.094 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion: 73 Resp: 949328
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

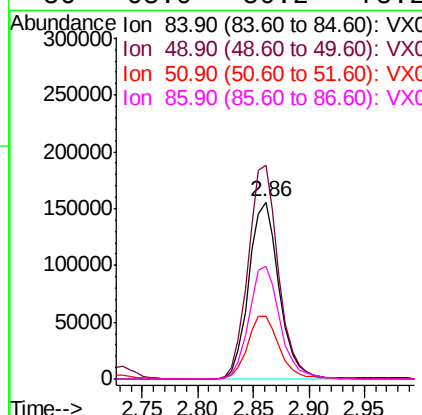
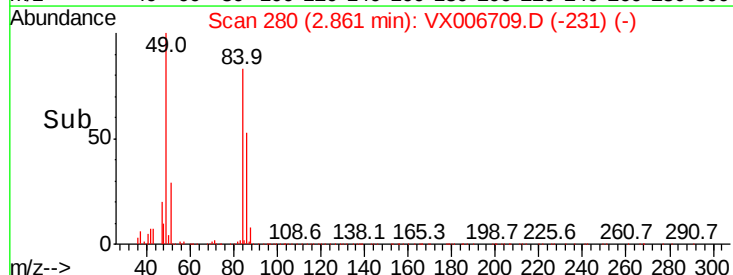
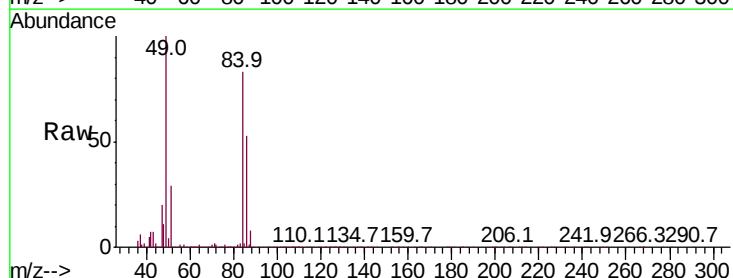
Manual Integrations
APPROVED

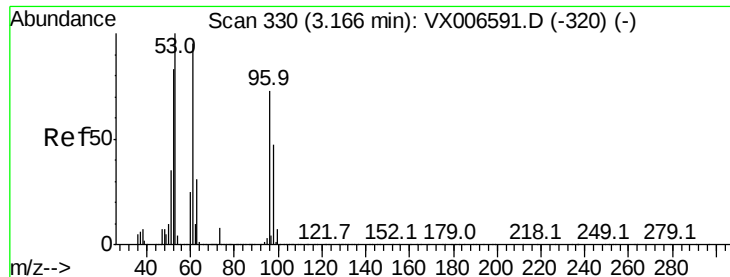
MMDadoda
12/21/2018 10:19:51 AM



#20
Methylene Chloride
Concen: 48.639 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 84 Resp: 294722
Ion Ratio Lower Upper
84 100
49 120.9 91.8 137.6
51 35.4 28.5 42.7
86 63.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.621 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 96 Resp: 278996

Ion Ratio Lower Upper

96 100

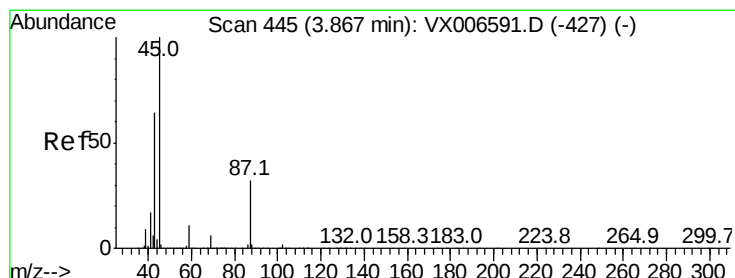
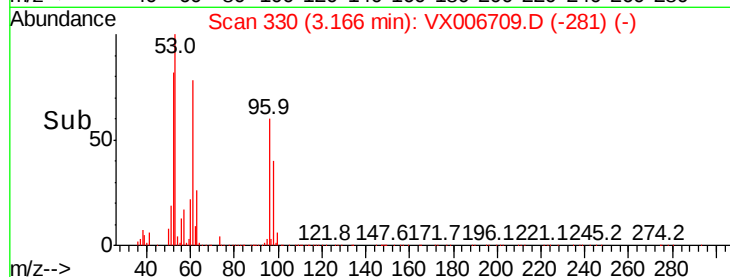
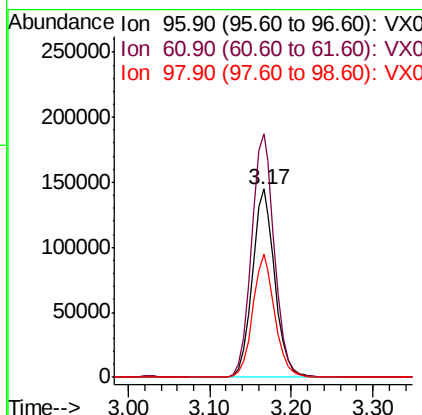
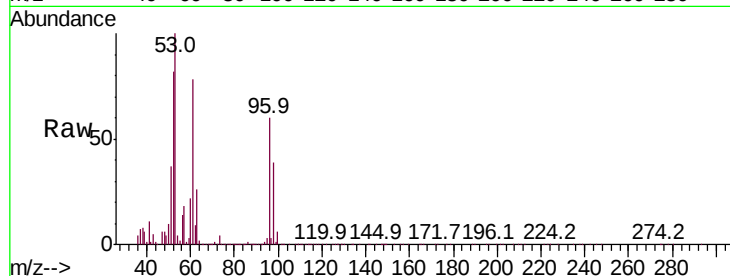
61 129.1 103.7 155.5

98 65.8 51.0 76.6

Manual Integrations
APPROVED

MMDadoda

12/21/2018 10:19:51 AM



#22

Diisopropyl ether

Concen: 52.296 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion: 45 Resp: 851508

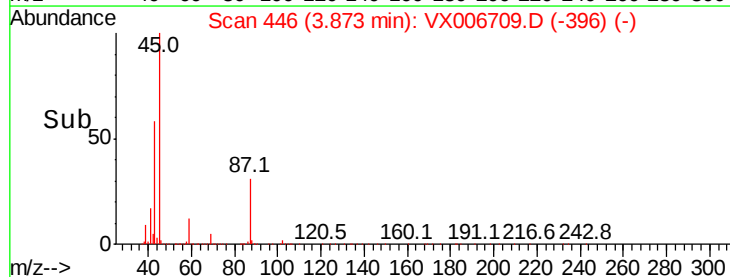
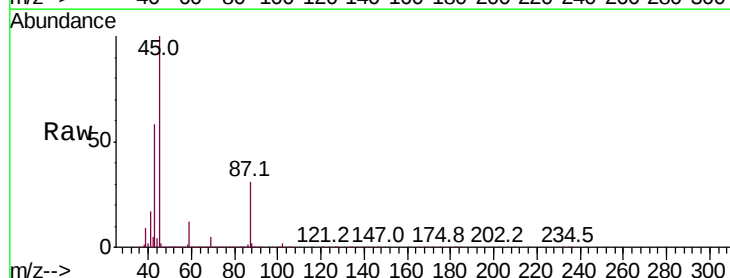
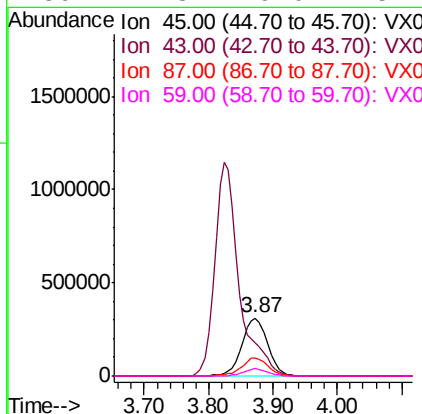
Ion Ratio Lower Upper

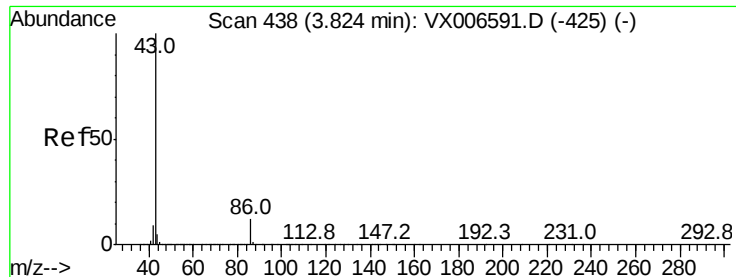
45 100

43 57.9 51.2 76.8

87 30.6 25.8 38.6

59 12.3 9.0 13.4





#23

Vinyl Acetate

Concen: 227.586 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 43 Resp: 3031117

Ion Ratio Lower Upper

43 100

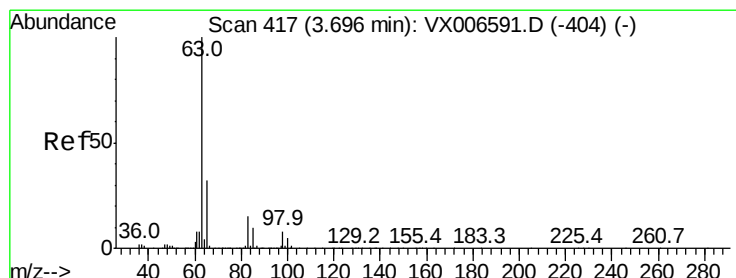
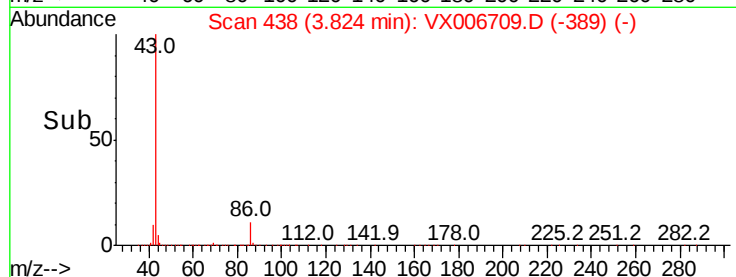
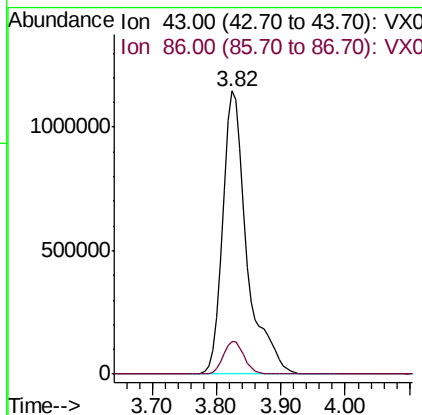
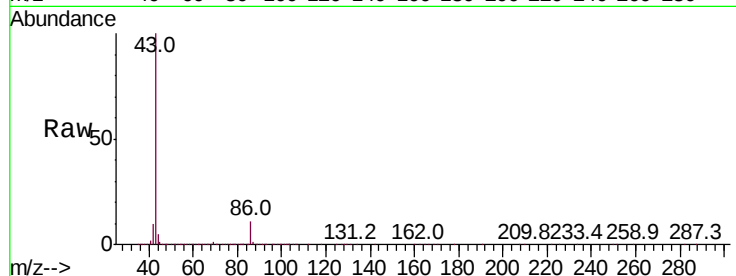
86 11.4 9.2 13.8

Manual Integrations

APPROVED

MMDadoda

12/21/2018 10:19:51 AM



#24

1,1-Dichloroethane

Concen: 48.963 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

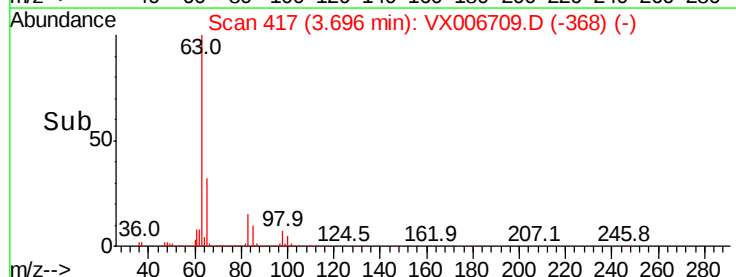
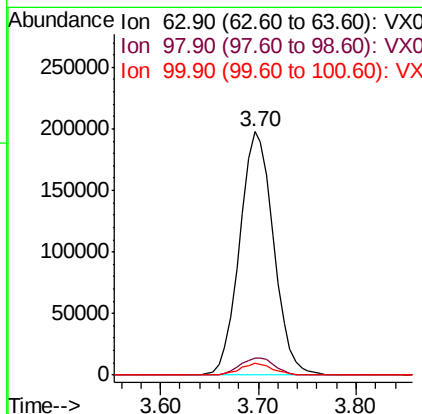
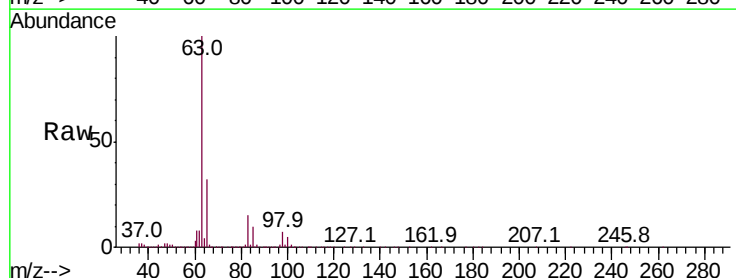
Tgt Ion: 63 Resp: 475918

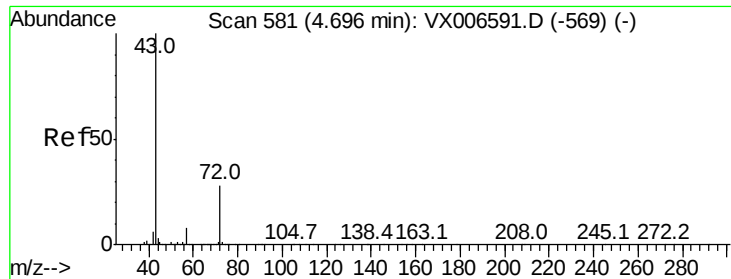
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 245.996 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 43 Resp: 1013967

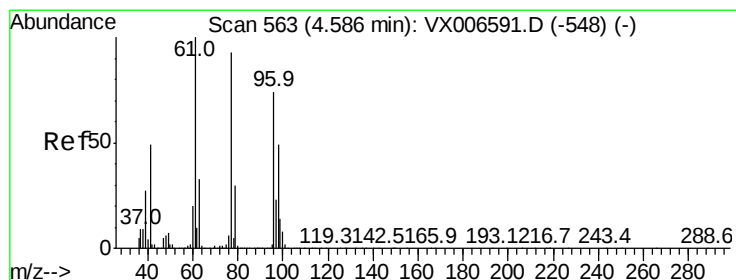
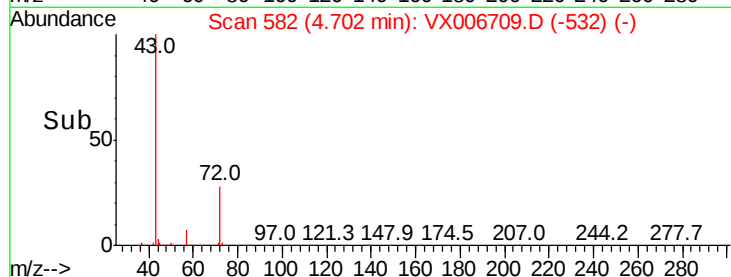
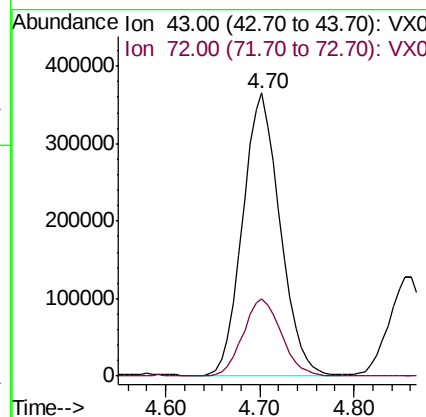
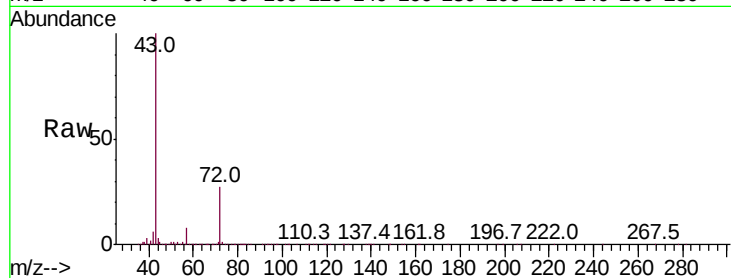
Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#26

2,2-Dichloropropane

Concen: 31.601 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006709.D

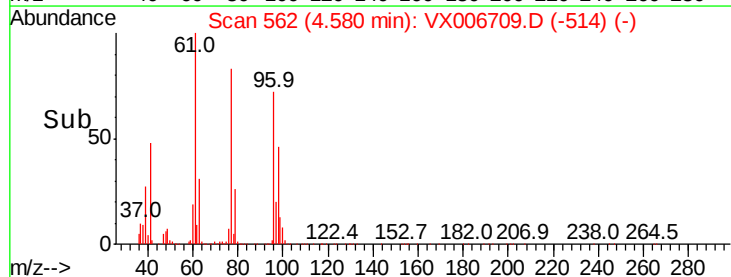
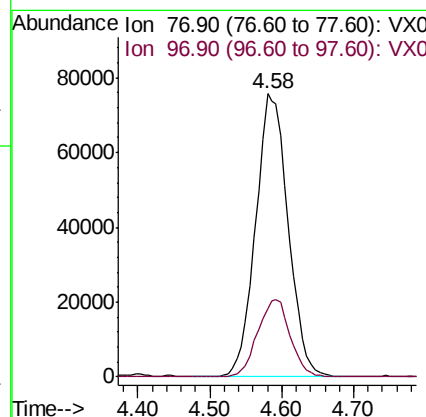
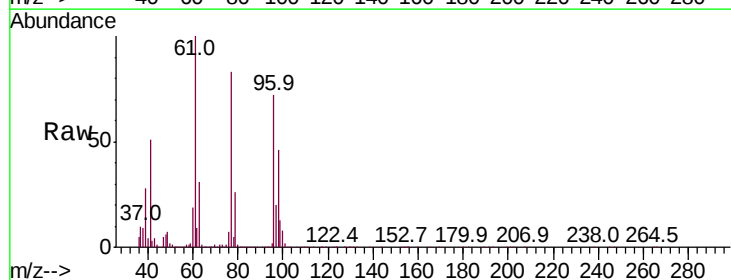
Acq: 21 Dec 2018 06:55

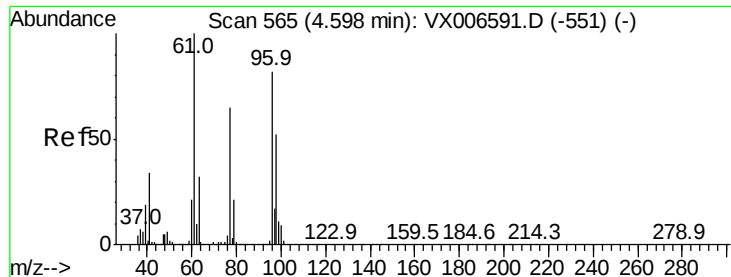
Tgt Ion: 77 Resp: 237265

Ion Ratio Lower Upper

77 100

97 27.3 12.4 37.4





#27

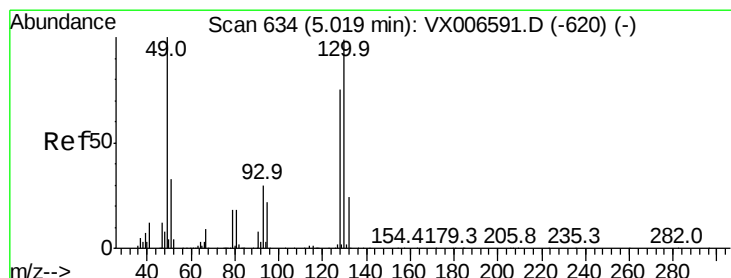
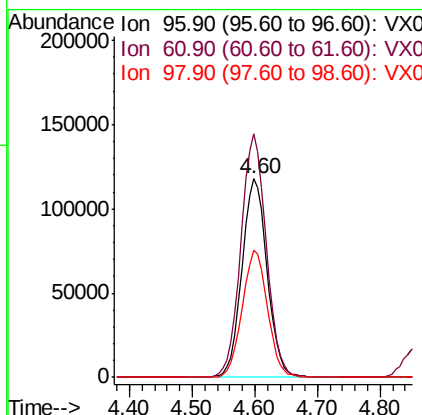
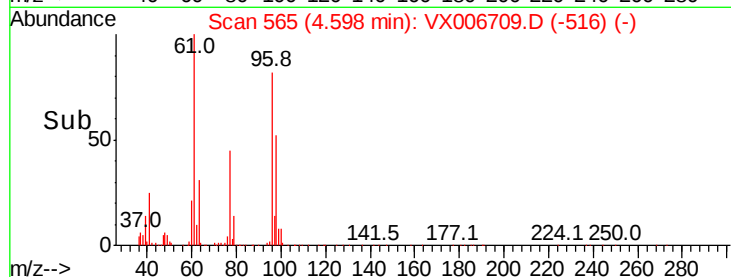
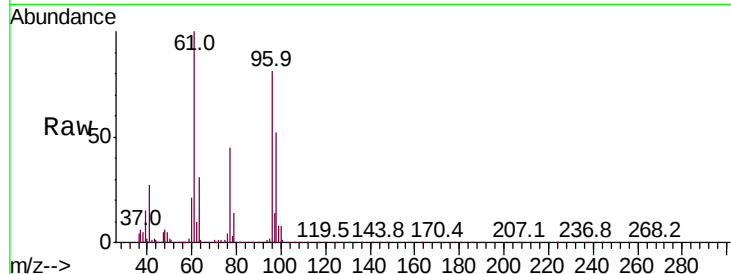
cis-1,2-Dichloroethene
Concen: 50.555 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	326782		
61	123.7		0.0	258.6
98	64.5		0.0	132.0

Manual Integrations
APPROVED

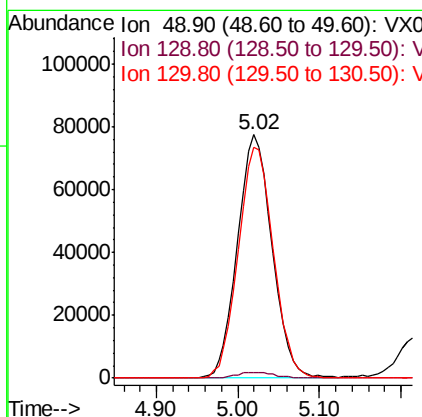
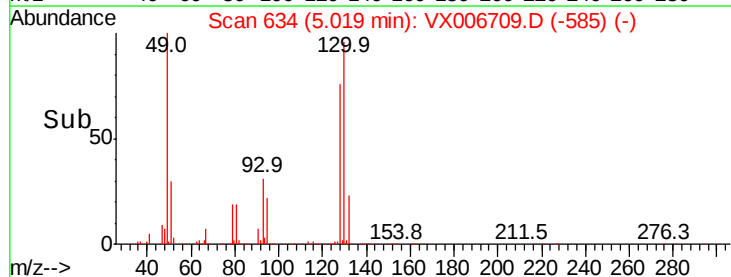
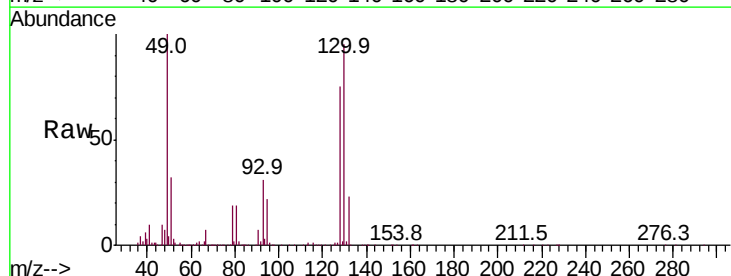
MMDadoda
12/21/2018 10:19:51 AM

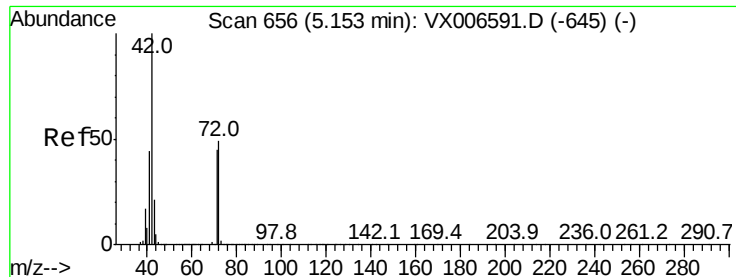


#28

Bromochloromethane
Concen: 56.015 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	228599		
129	2.6		0.0	5.4
130	96.3		77.7	116.5





#29

Tetrahydrofuran

Concen: 256.142 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

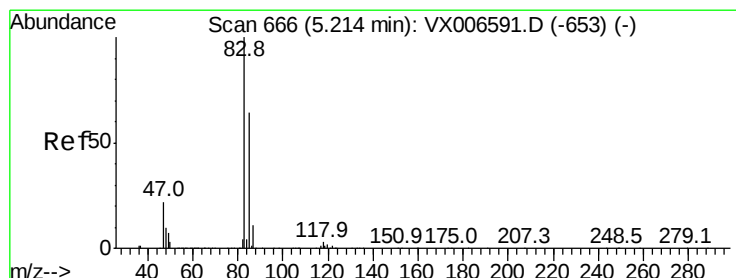
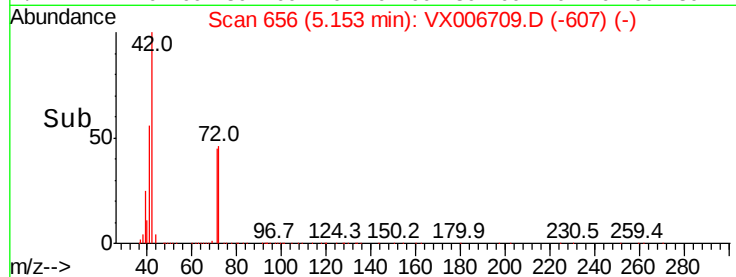
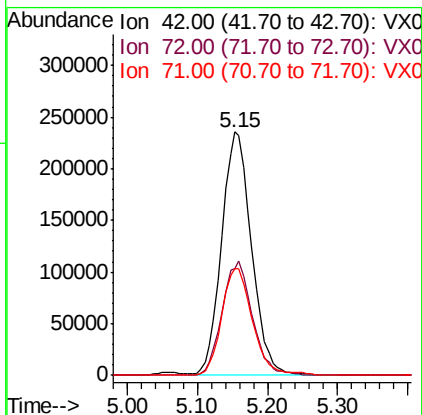
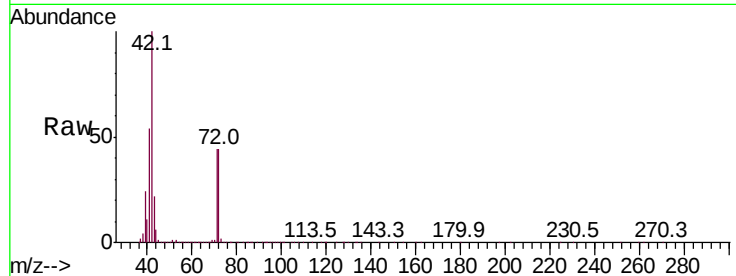
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.9	58.3
71	45.9	36.2	54.4

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#30

Chloroform

Concen: 51.255 ug/l

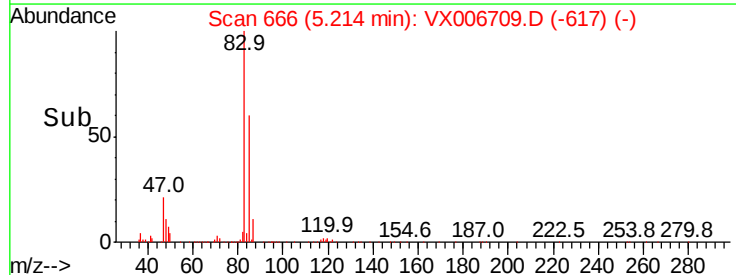
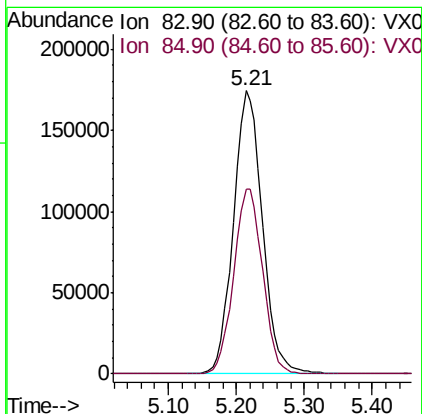
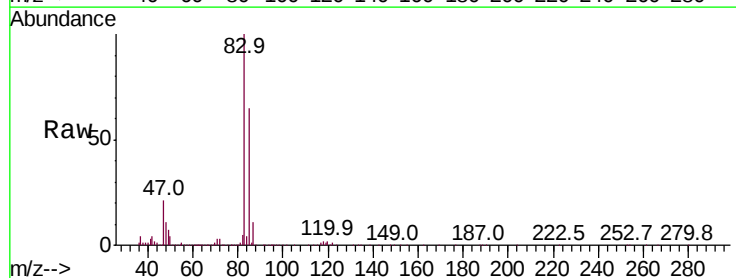
RT: 5.21 min Scan# 666

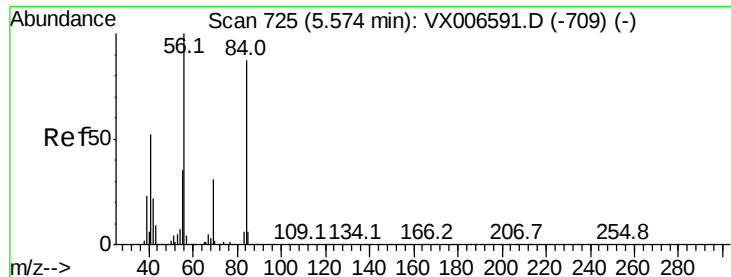
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





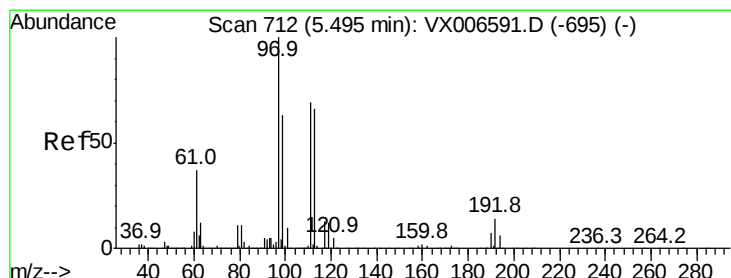
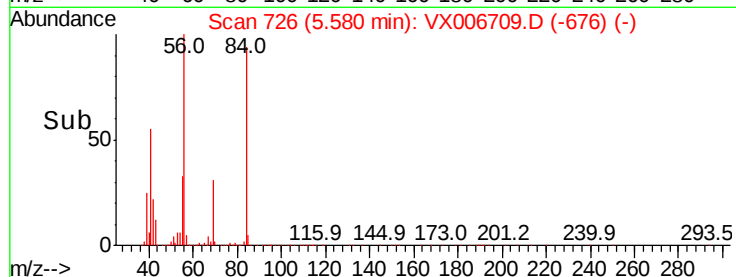
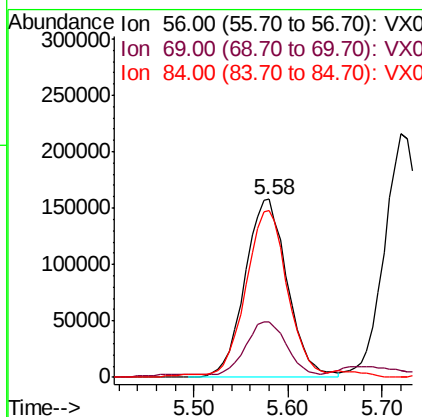
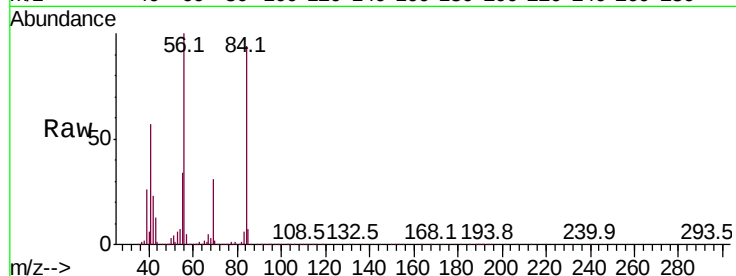
#31
Cyclohexane
Concen: 55.996 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.4	36.6
84	92.8	70.0	105.0

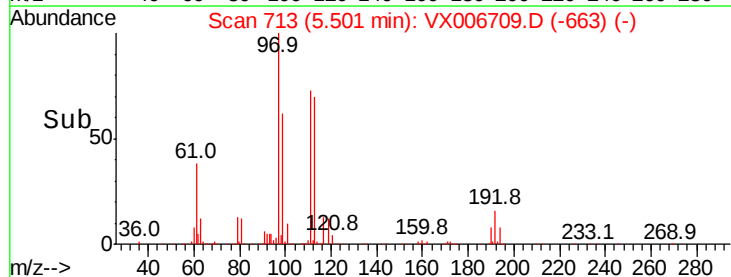
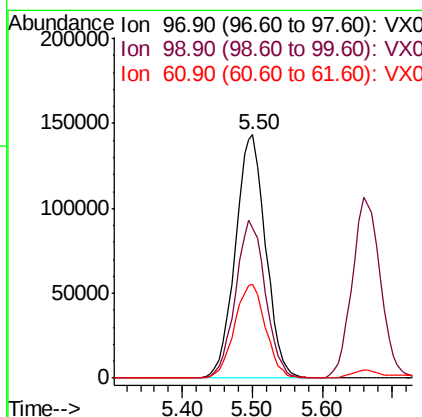
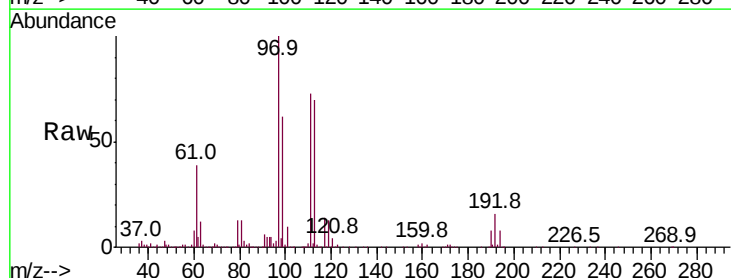
Manual Integrations
APPROVED

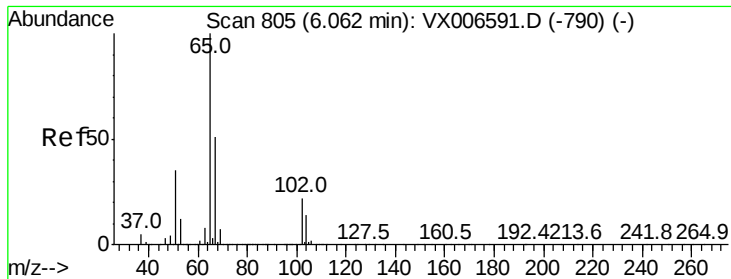
MMDadoda
12/21/2018 10:19:51 AM



#32
1,1,1-Trichloroethane
Concen: 50.601 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	39.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.638 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 65 Resp: 322976

Ion Ratio Lower Upper

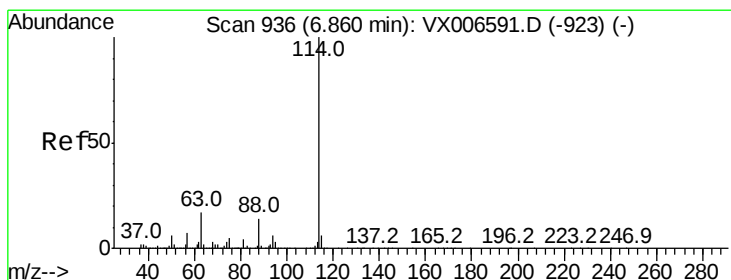
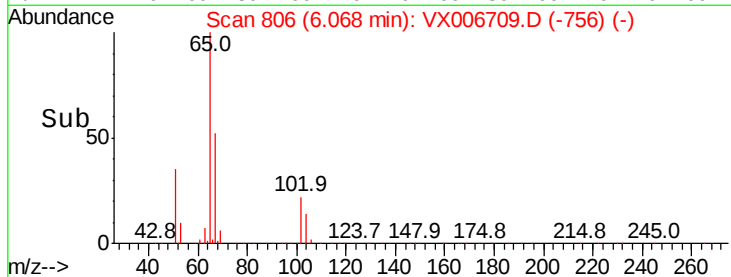
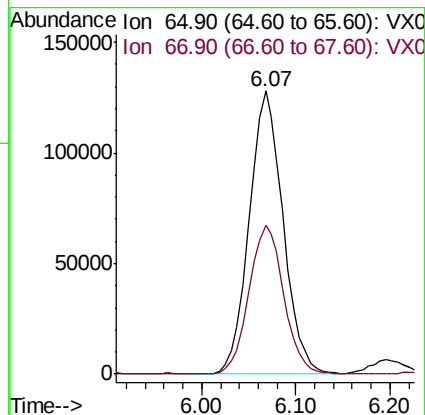
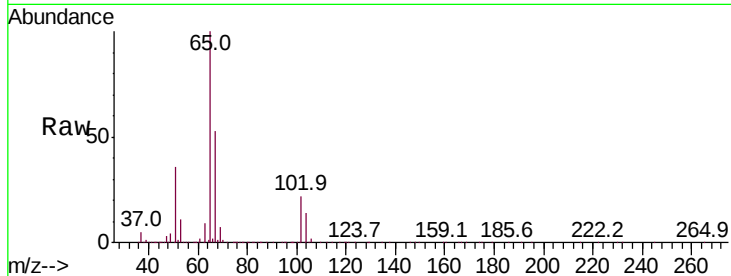
65 100

67 53.6 0.0 105.0

Manual Integrations
APPROVED

MMDadoda

12/21/2018 10:19:51 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

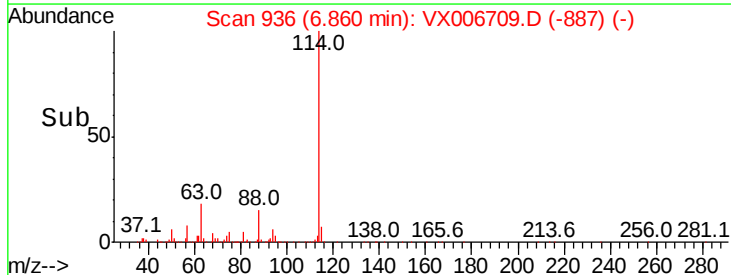
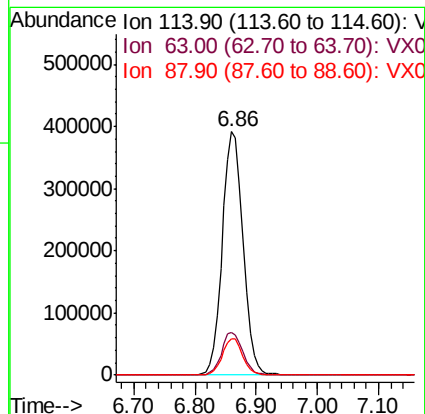
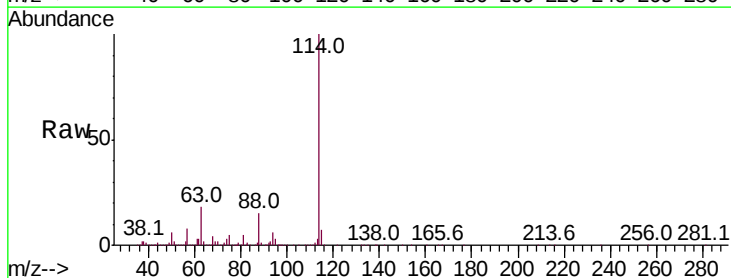
Tgt Ion: 114 Resp: 925066

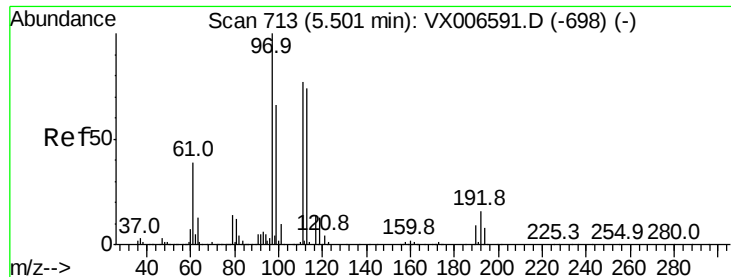
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.762 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

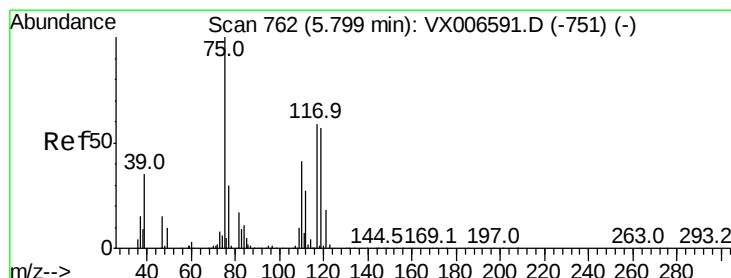
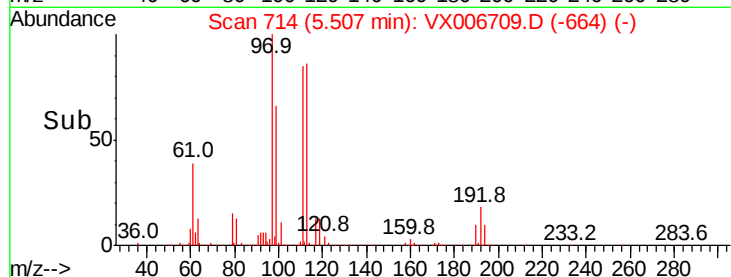
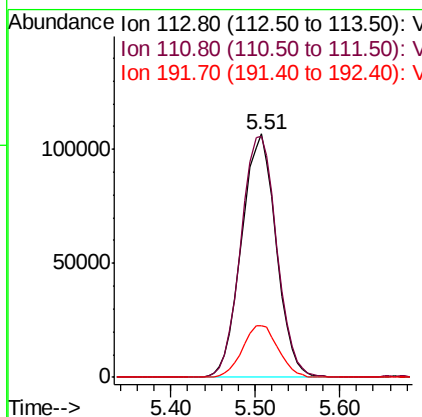
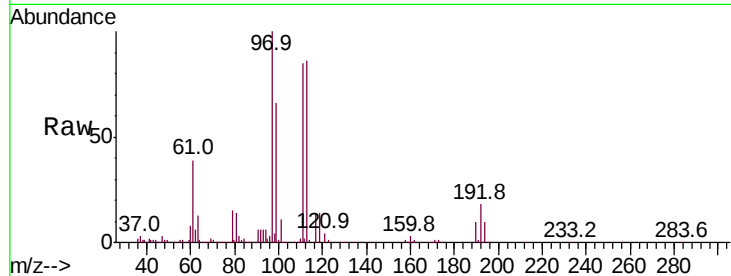
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:	113	Resp:	296955
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.6	122.4
192	22.1	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#36

1,1-Dichloropropene

Concen: 48.464 ug/l

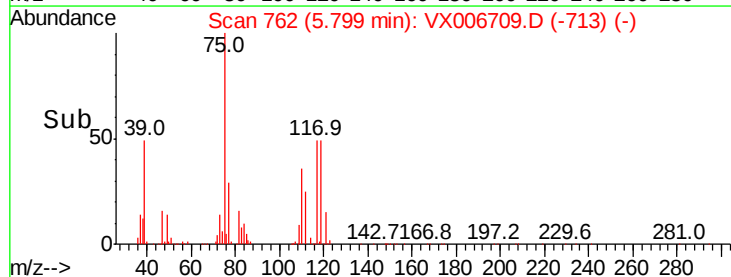
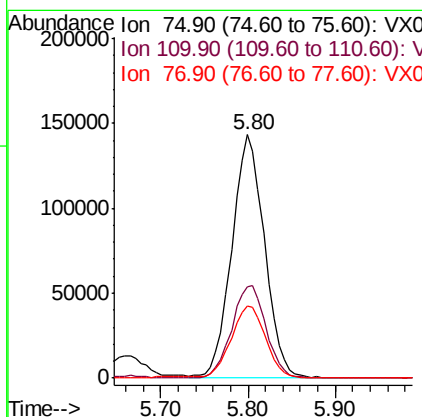
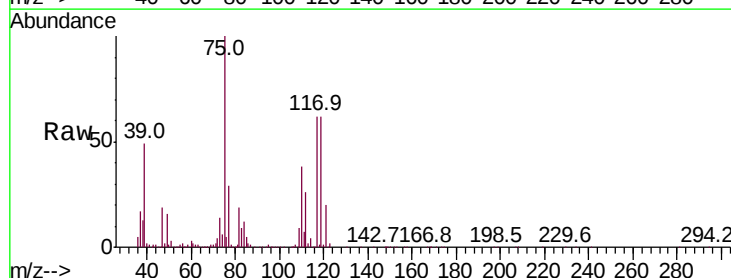
RT: 5.80 min Scan# 762

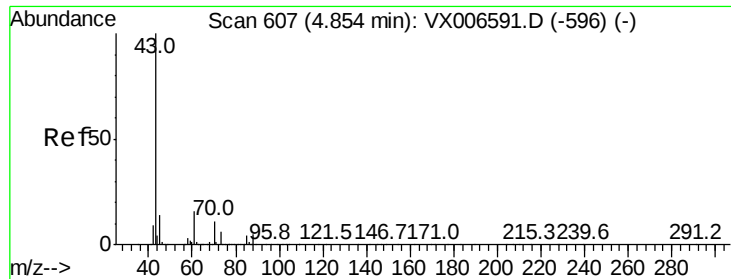
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion:	75	Resp:	371312
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.2	60.5
77	31.1	24.8	37.2





#37

Ethyl Acetate

Concen: 46.285 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX006709.D

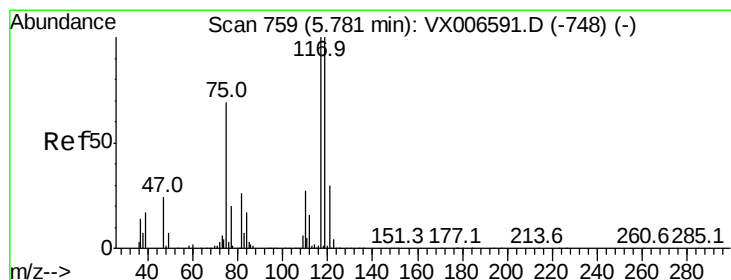
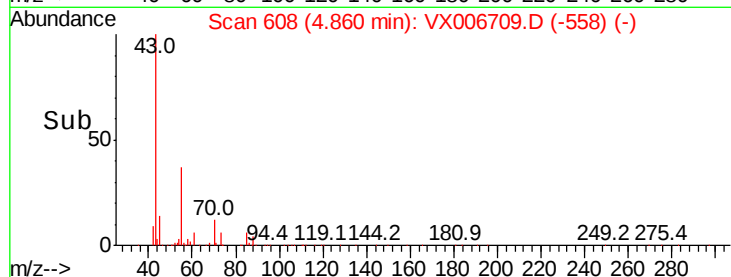
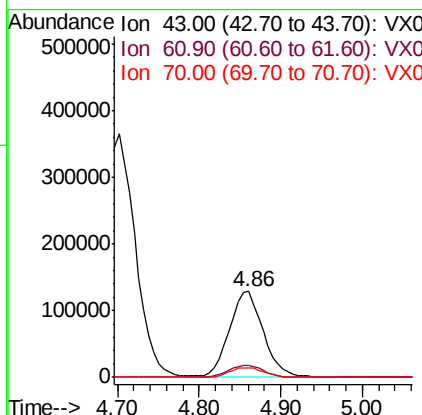
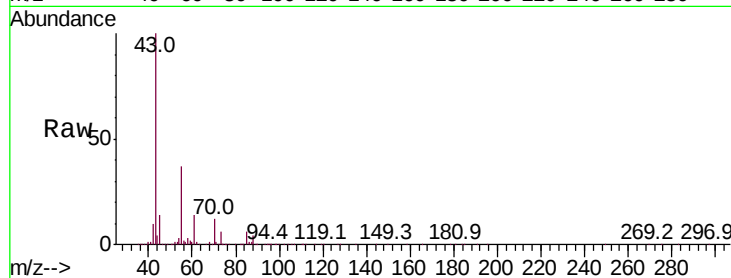
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	11.6	9.7	14.5

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#38

Carbon Tetrachloride

Concen: 48.439 ug/l

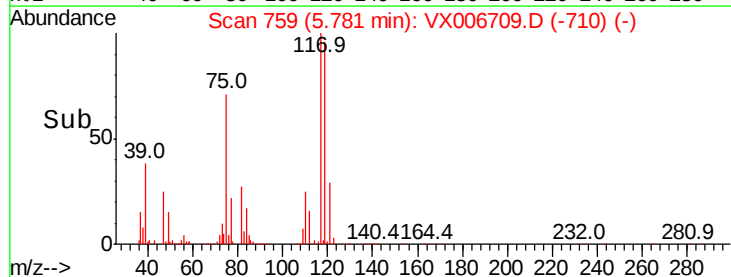
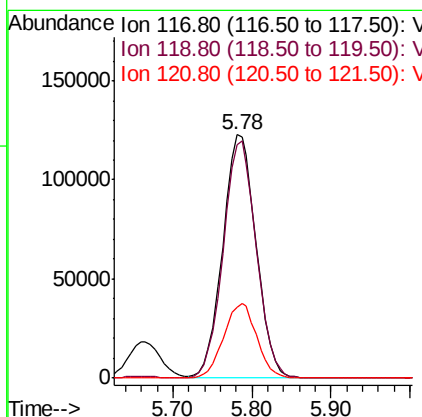
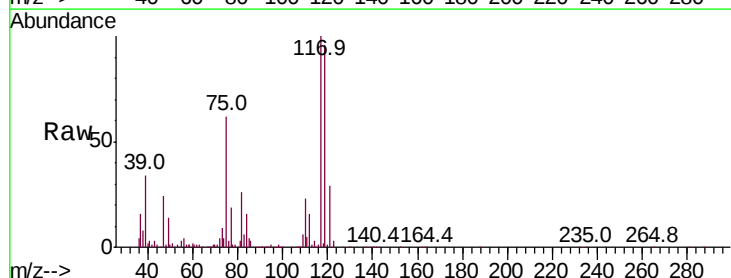
RT: 5.78 min Scan# 759

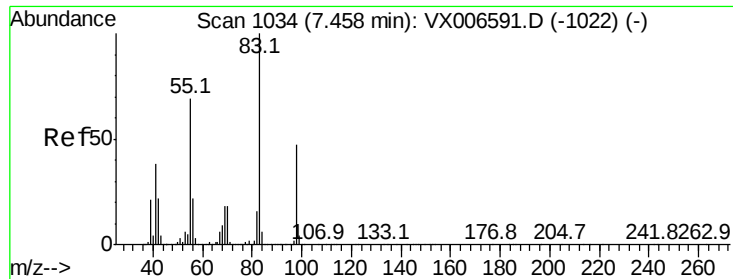
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.4	119.2
121	29.2	24.0	36.0





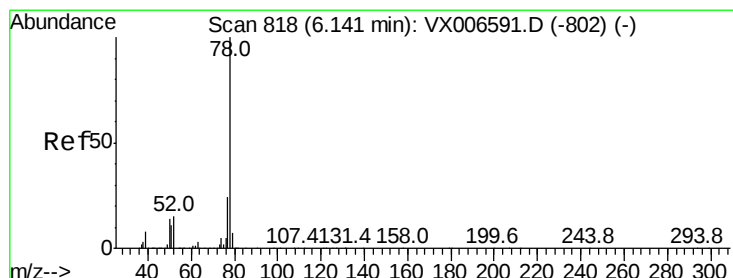
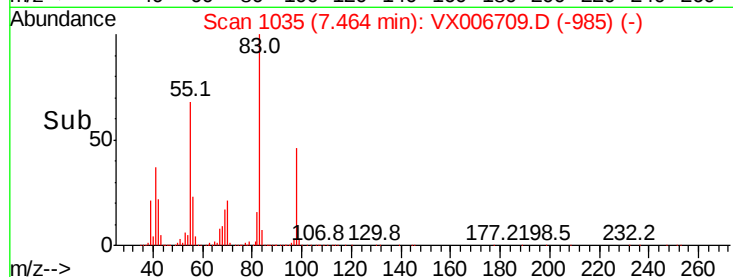
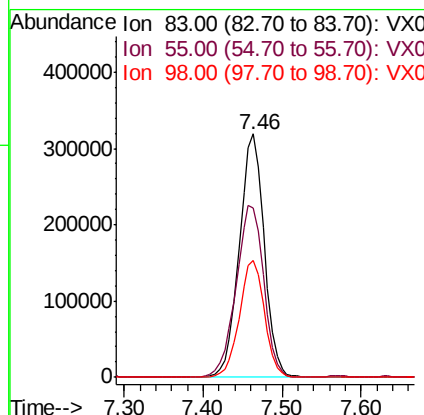
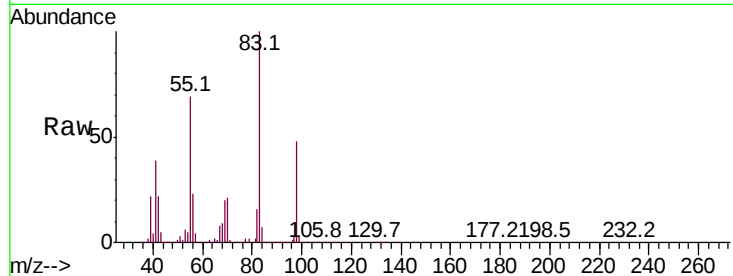
#39
Methvlcvclohexane
Concen: 69.420 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	54.9	82.3
98	47.7	37.9	56.9

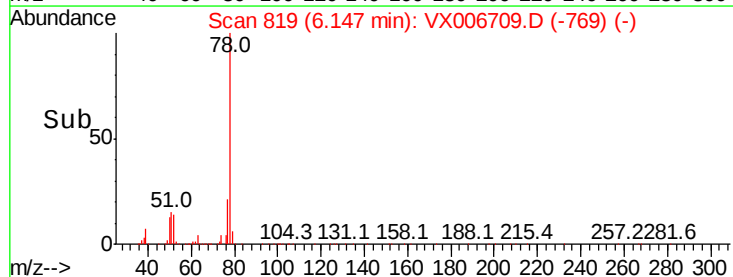
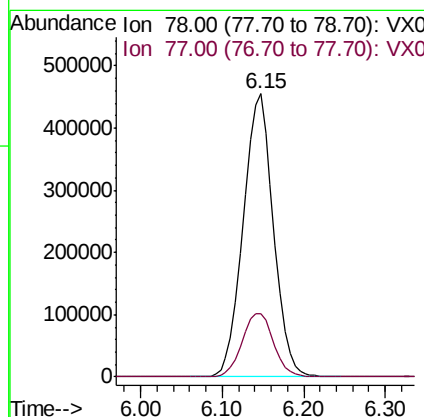
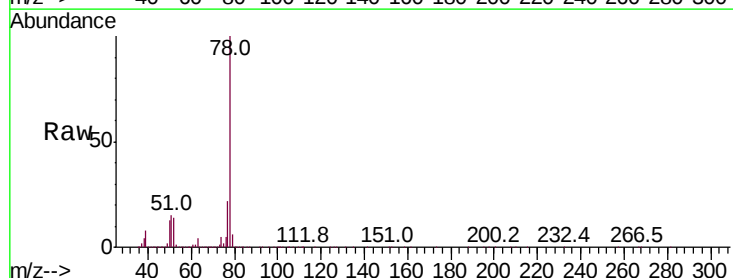
Manual Integrations
APPROVED

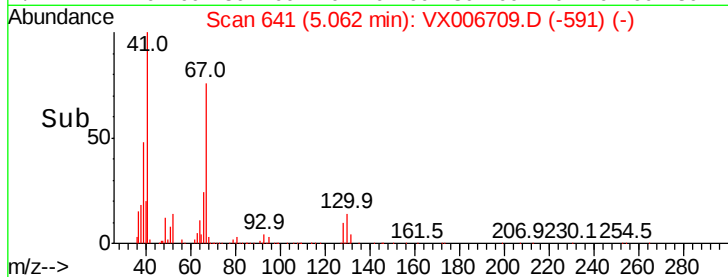
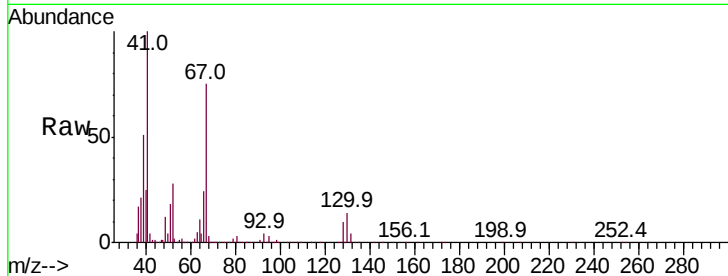
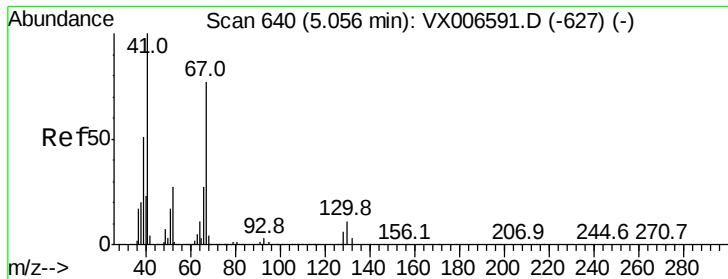
MMDadoda
12/21/2018 10:19:51 AM



#40
Benzene
Concen: 50.117 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.2	28.8





#41

Methacrylonitrile

Concen: 54.707 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		231616		
39	53.5	42.8	64.2		
67	76.3	62.1	93.1		
52	28.7	23.4	35.0		

Instrument :

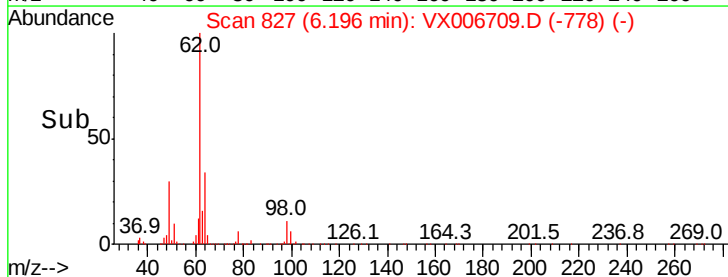
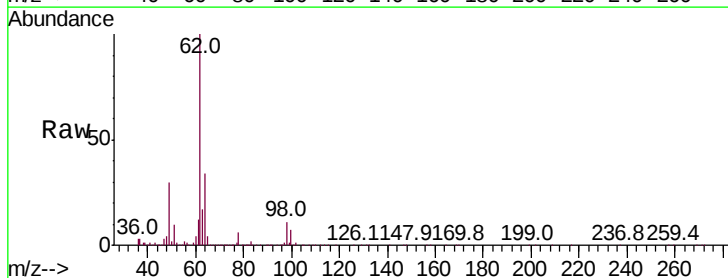
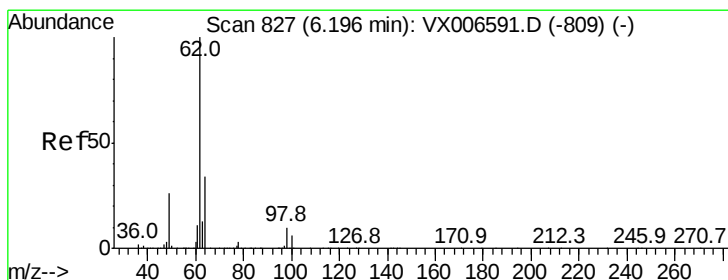
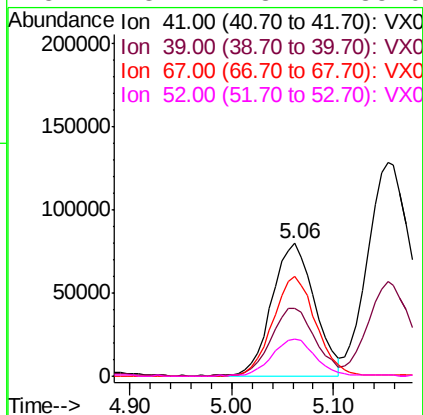
MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#42

1,2-Dichloroethane

Concen: 48.422 ug/l

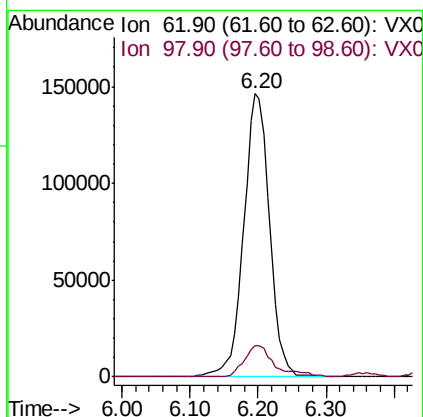
RT: 6.20 min Scan# 827

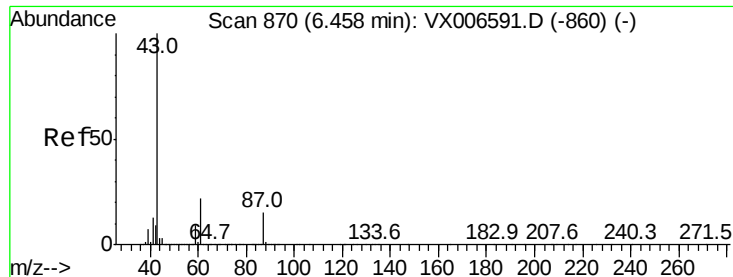
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		384273		
98	13.0	0.0	20.2		





#43

Isopropyl Acetate

Concen: 49.300 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

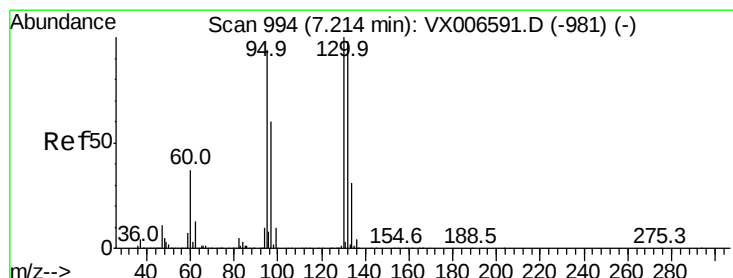
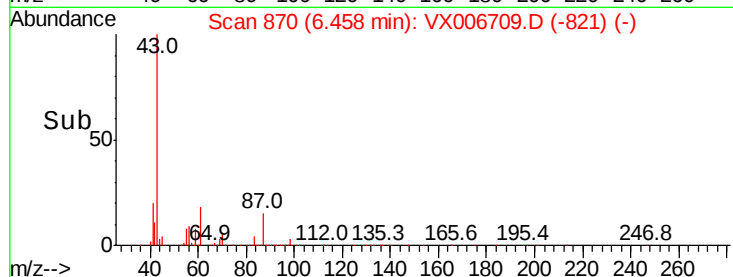
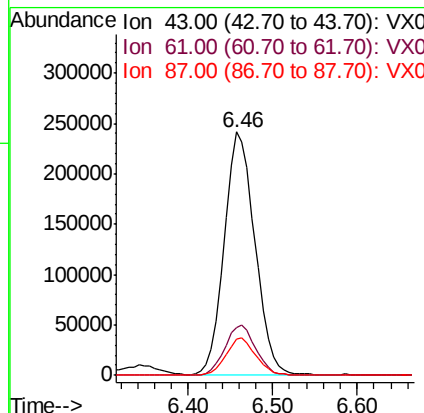
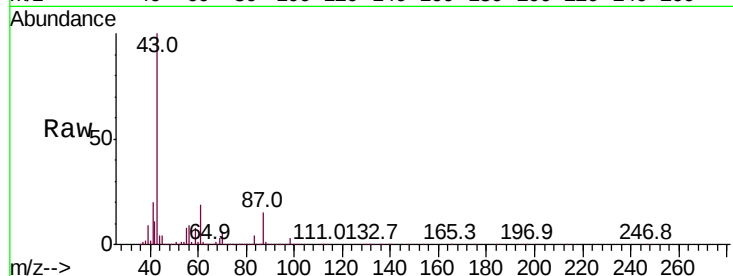
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:	43	Resp:	598173
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	15.1	12.4	18.6

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#44

Trichloroethene

Concen: 47.444 ug/l

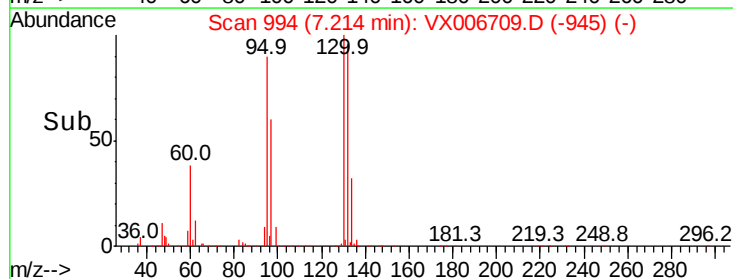
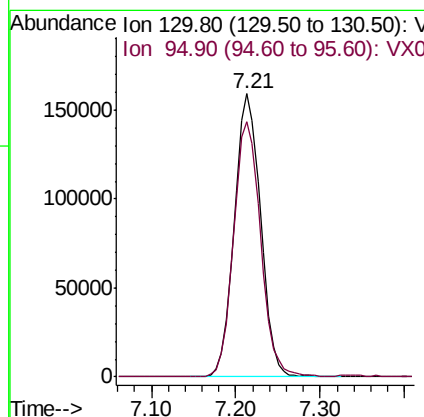
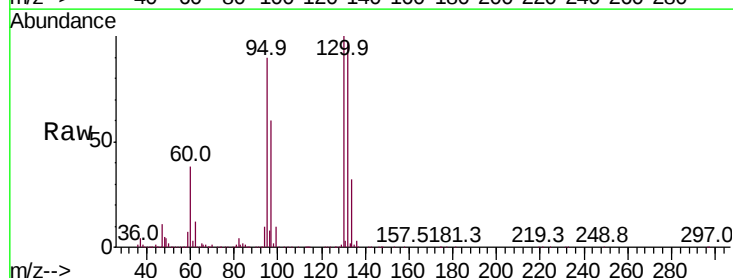
RT: 7.21 min Scan# 994

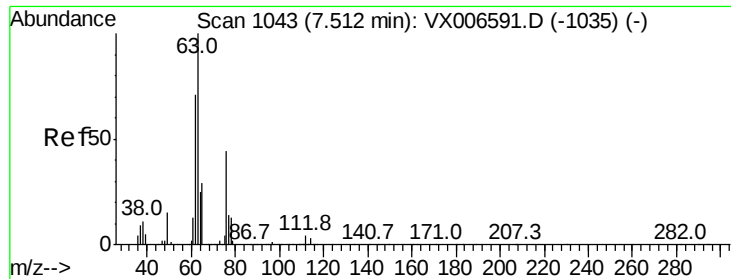
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion:	130	Resp:	334423
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	187.0





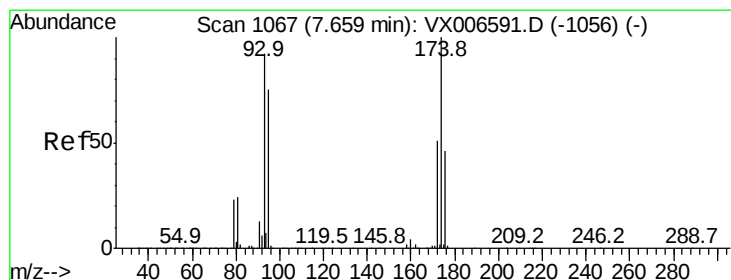
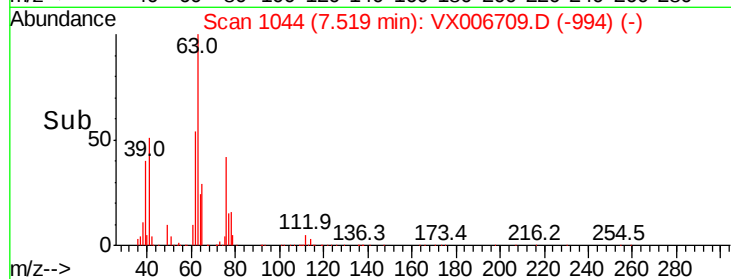
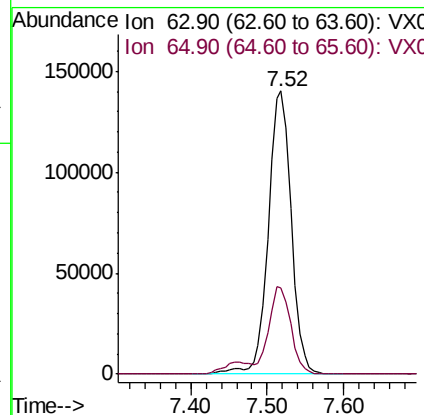
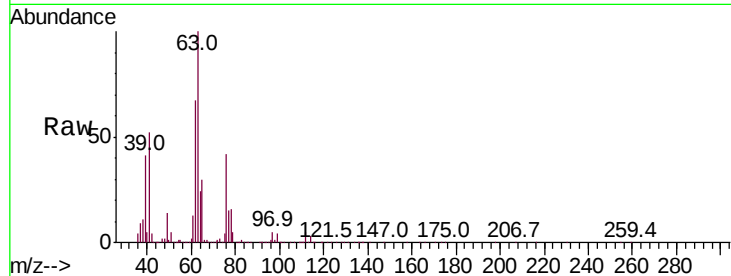
#45
 1,2-Dichloropropane
 Concen: 51.842 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion: 63 Resp: 293810
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.4 38.0

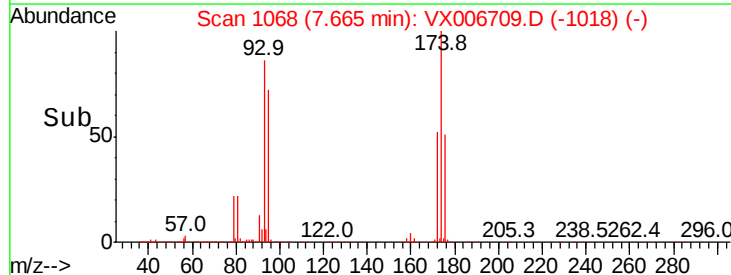
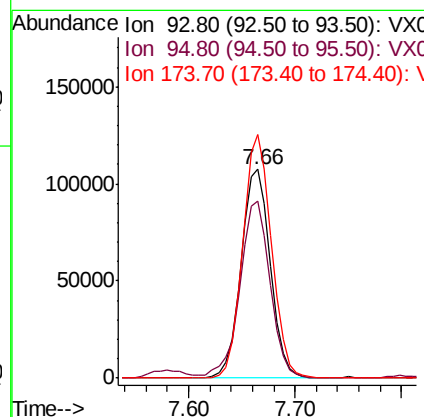
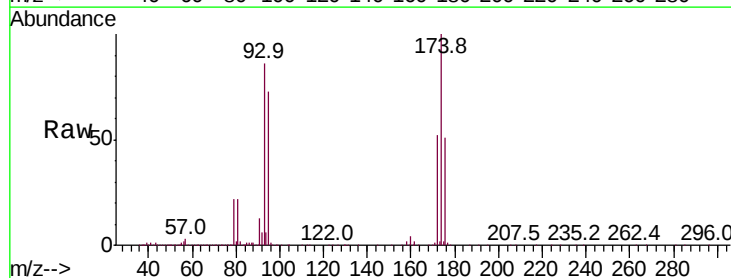
Manual Integrations
 APPROVED

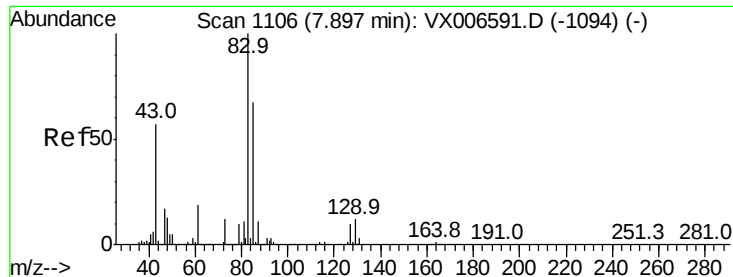
MMDadoda
 12/21/2018 10:19:51 AM



#46
 Dibromomethane
 Concen: 49.601 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion: 93 Resp: 206768
 Ion Ratio Lower Upper
 93 100
 95 87.0 66.2 99.4
 174 115.3 91.0 136.4





#47

Bromodichloromethane

Concen: 50.019 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

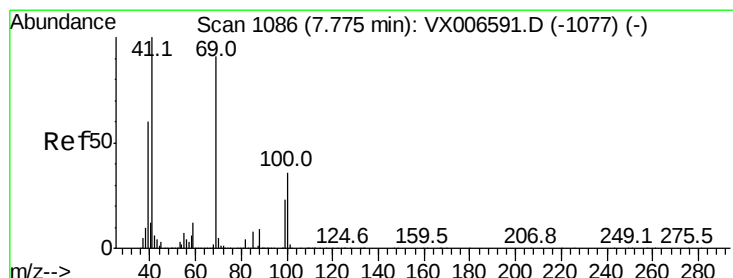
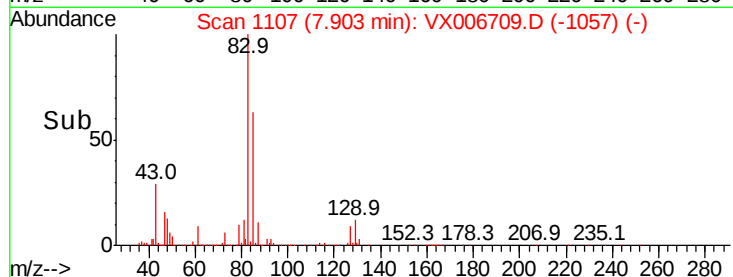
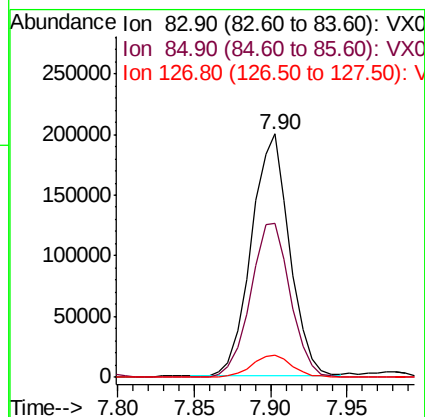
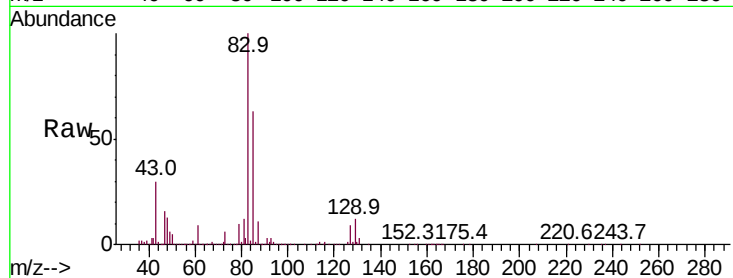
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:	83	Resp:	346178
Ion Ratio	Lower	Upper	
83	100		
85	63.2	53.2	79.8
127	9.3	7.8	11.6

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#48

Methyl methacrylate

Concen: 58.357 ug/l

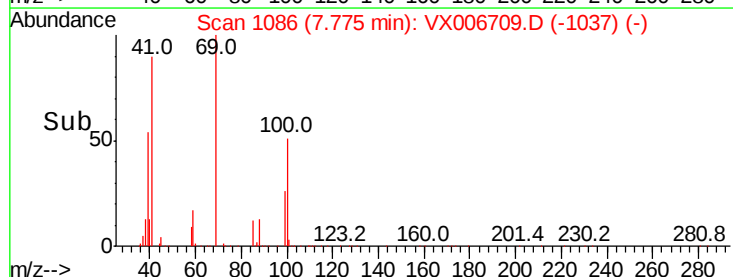
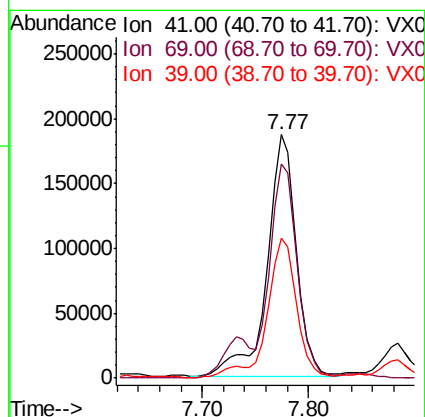
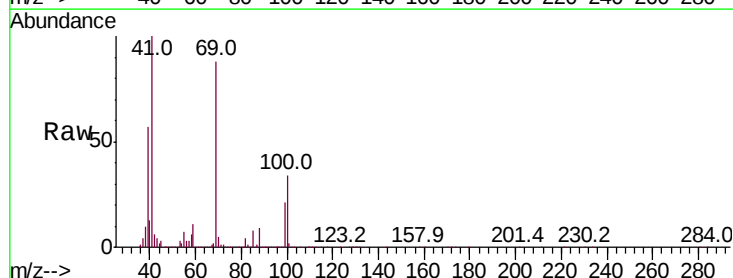
RT: 7.77 min Scan# 1086

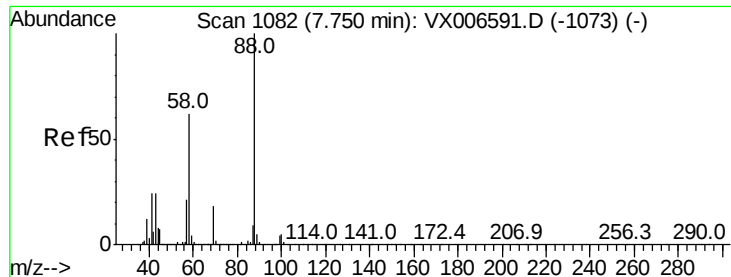
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion:	41	Resp:	360075
Ion Ratio	Lower	Upper	
41	100		
69	81.0	72.4	108.6
39	57.1	45.8	68.8





#49

1,4-Dioxane

Concen: 817.311 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

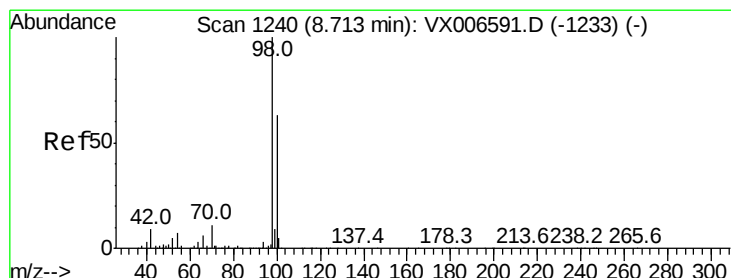
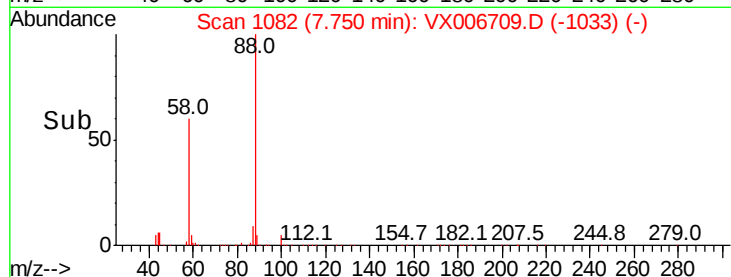
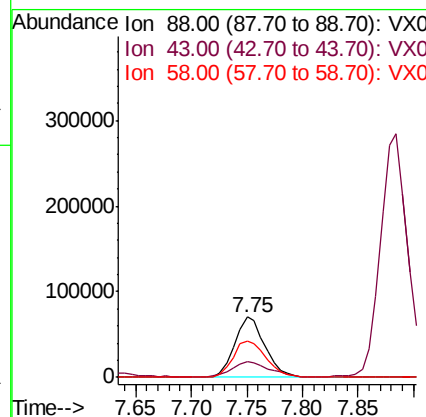
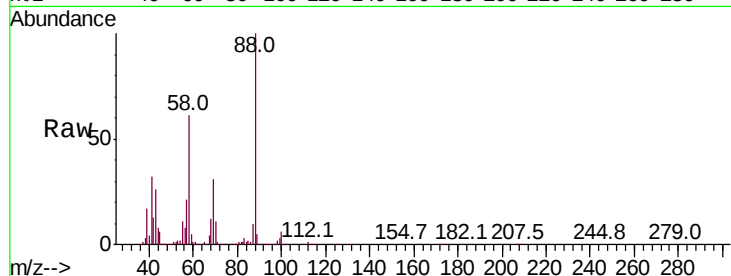
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:	88	Resp:	132533
Ion	Ratio	Lower	Upper
88	100		
43	30.5	22.2	33.4
58	65.3	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#50

Toluene-d8

Concen: 50.069 ug/l

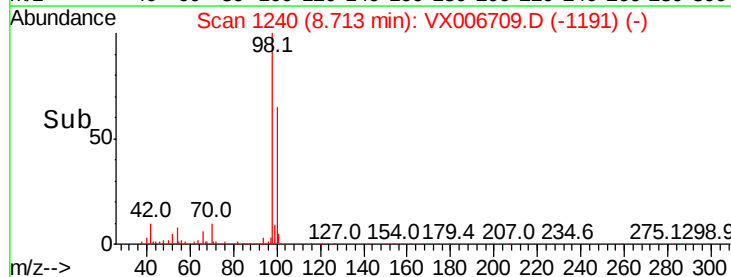
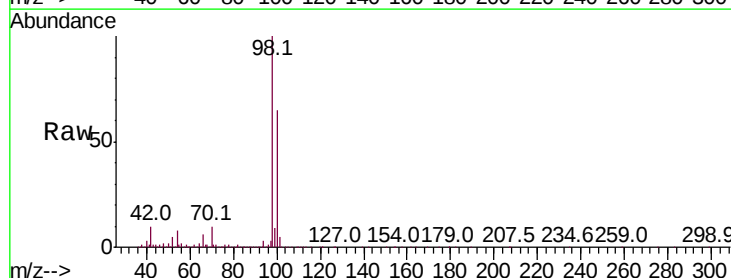
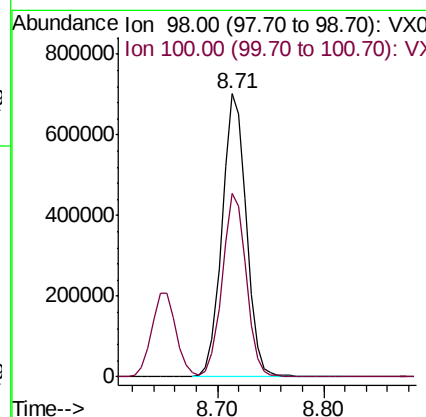
RT: 8.71 min Scan# 1240

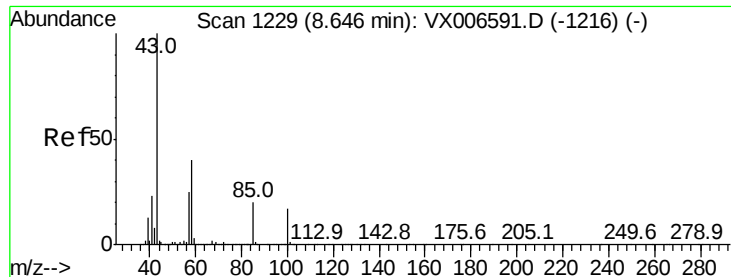
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion:	98	Resp:	1104251
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





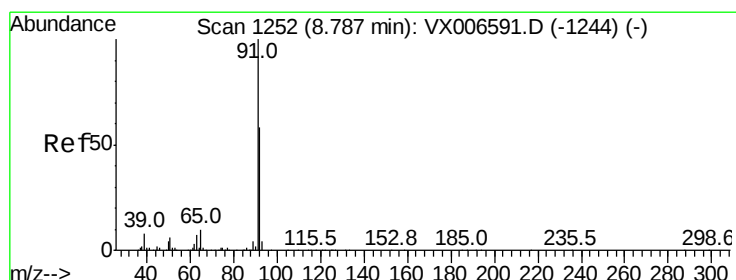
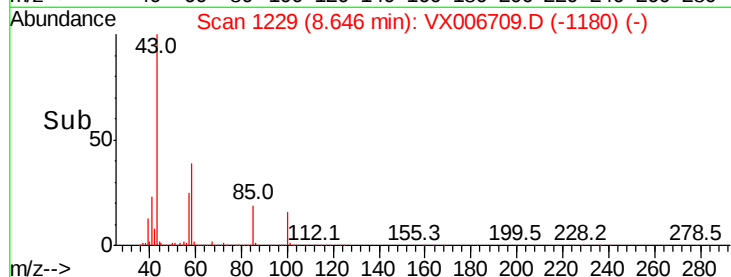
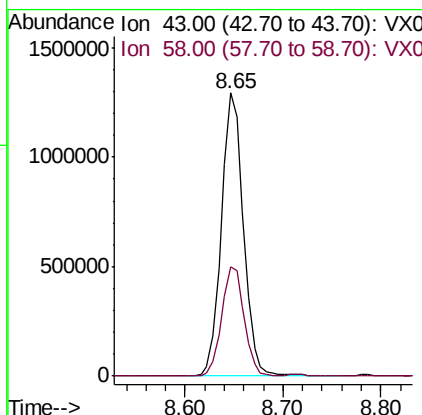
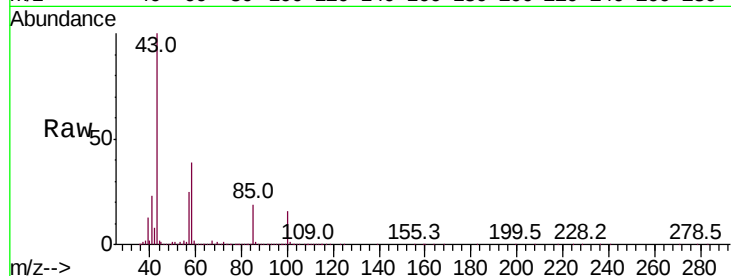
#51
4-Methyl-2-Pentanone
Concen: 261.535 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion: 43 Resp: 2019082
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.6

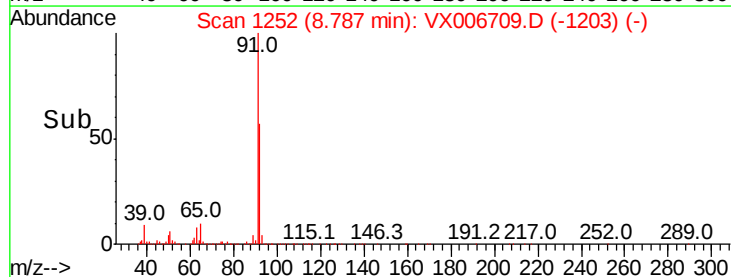
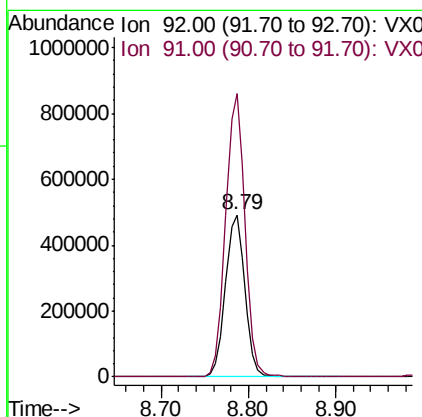
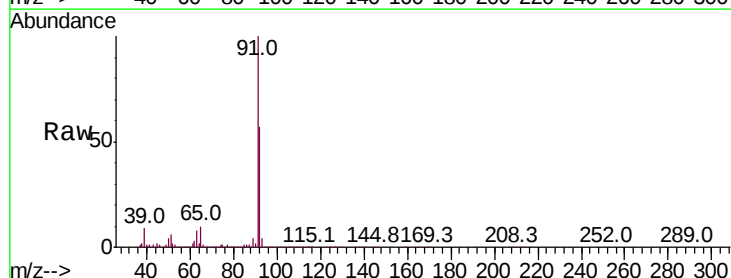
Manual Integrations
APPROVED

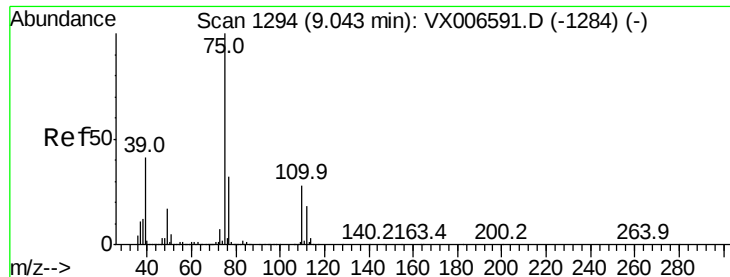
MMDadoda
12/21/2018 10:19:51 AM



#52
Toluene
Concen: 50.277 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 92 Resp: 756449
Ion Ratio Lower Upper
92 100
91 174.0 137.6 206.4





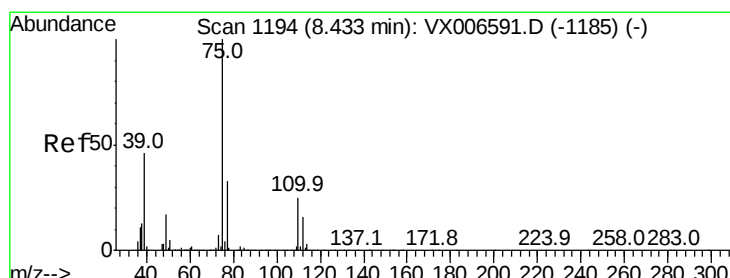
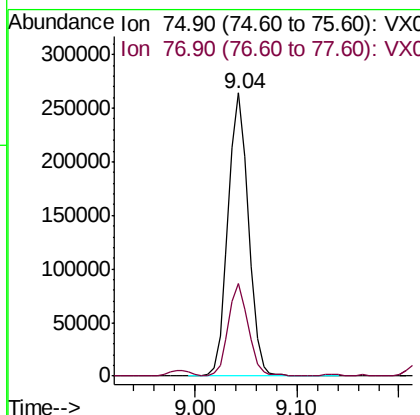
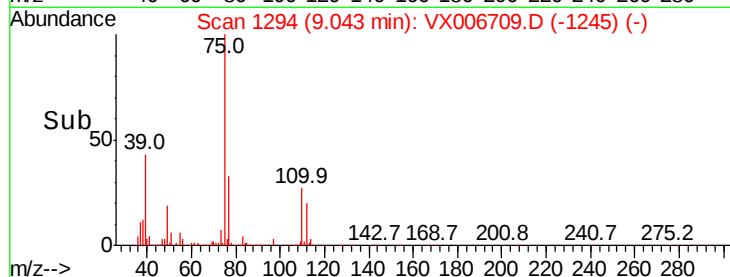
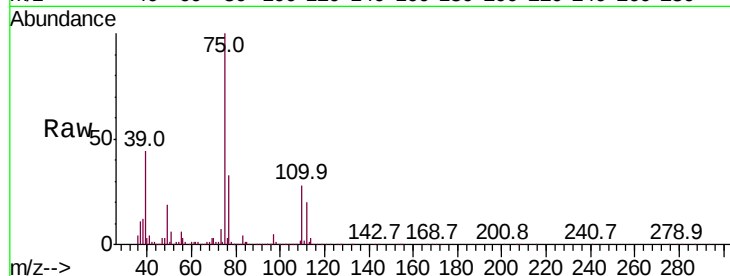
#53
t-1,3-Dichloropropene
Concen: 49.029 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0

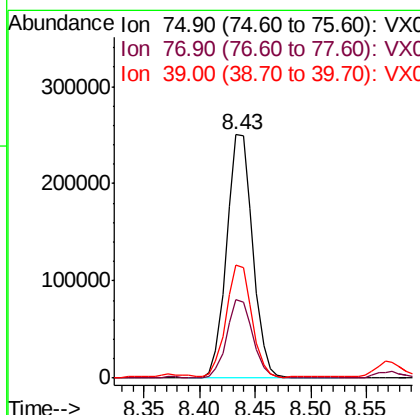
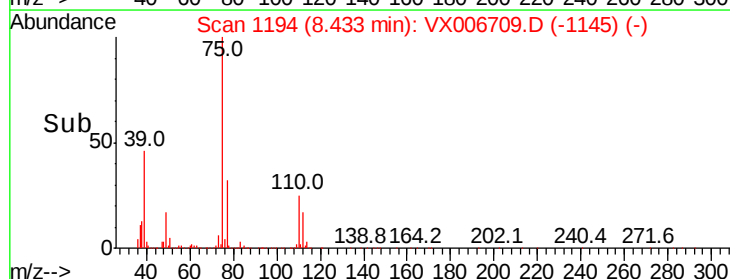
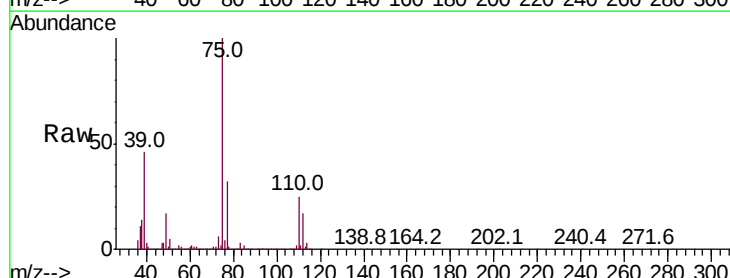
Manual Integrations
APPROVED

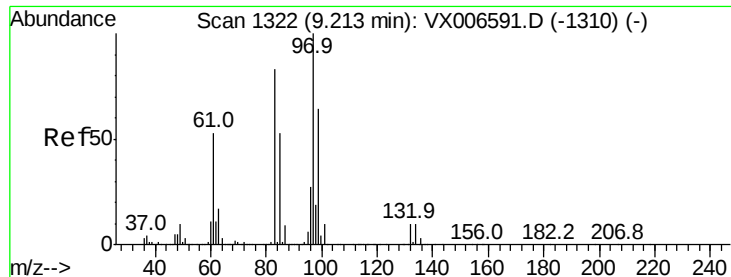
MMDadoda
12/21/2018 10:19:51 AM



#54
cis-1,3-Dichloropropene
Concen: 49.899 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.2
39	46.0	36.7	55.1





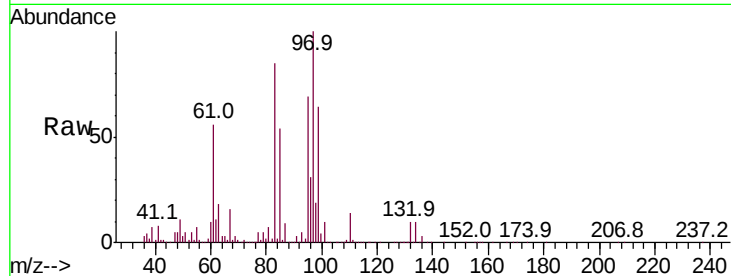
#55
1,1,2-Trichloroethane
Concen: 50.391 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

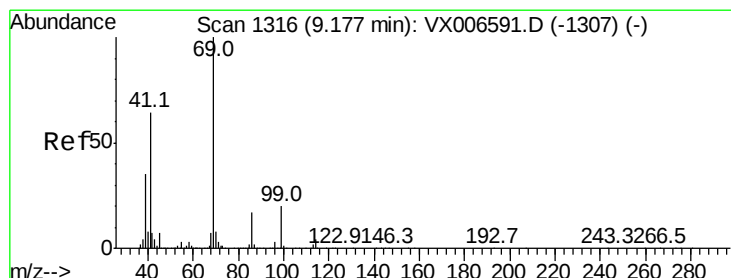
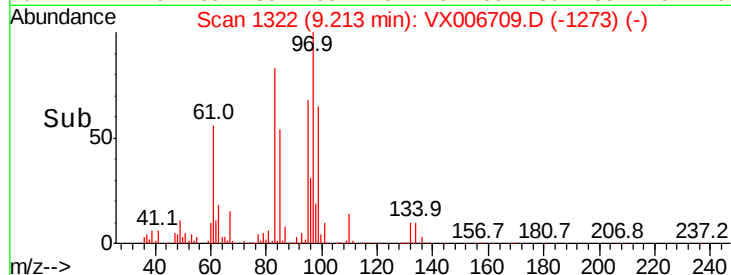
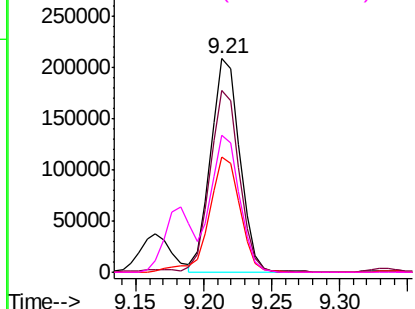
Tot Ion	Ratio	Resp	Lower	Upper
97	100	310331		
83	84.9	66.6	99.8	
85	54.2	42.7	64.1	
99	64.3	50.8	76.2	

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM

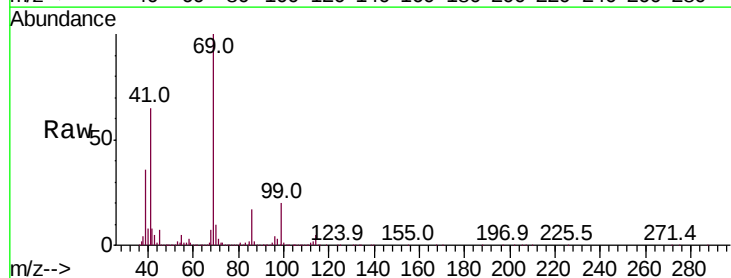


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

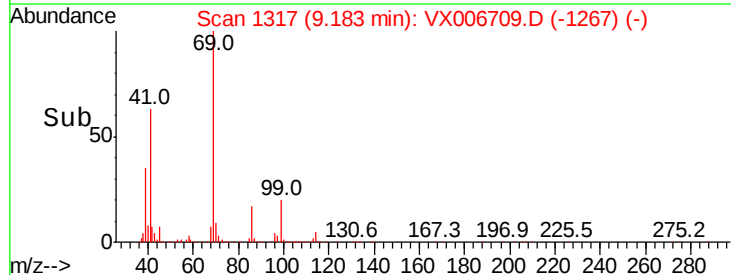
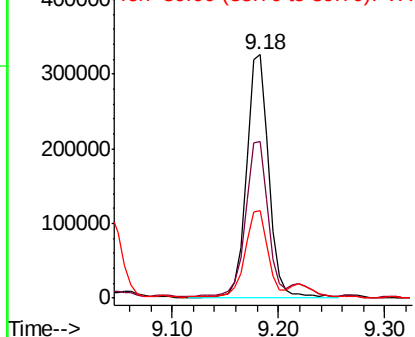


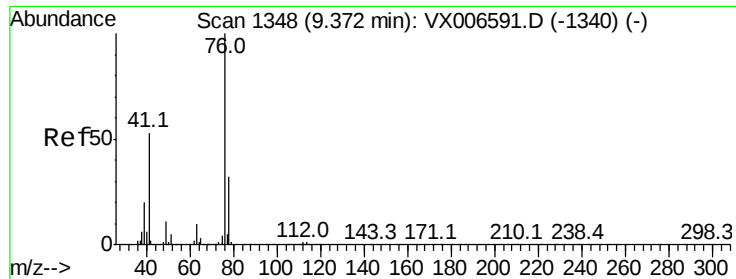
#56
Ethyl methacrylate
Concen: 54.786 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	476871		
41	64.7	48.7	73.1	
39	37.1	27.0	40.6	



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: 50.259 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tot Ion: 76 Resp: 497983

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0

Instrument :

MSVOA_X

ClientSampleId :

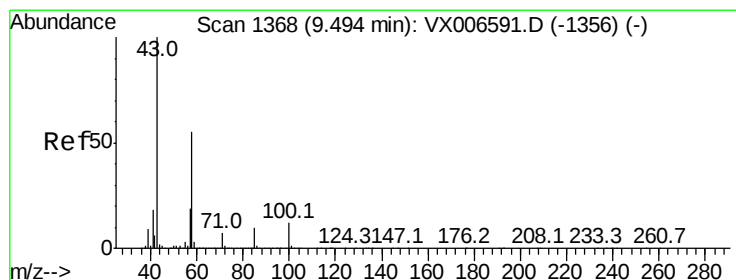
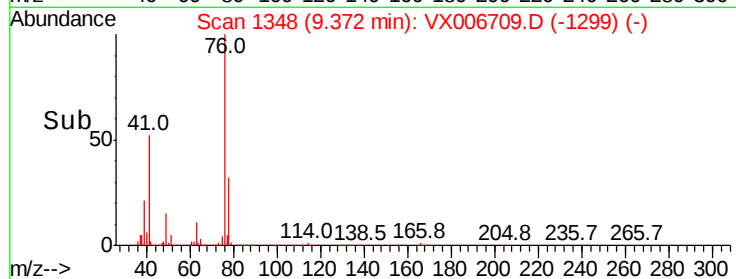
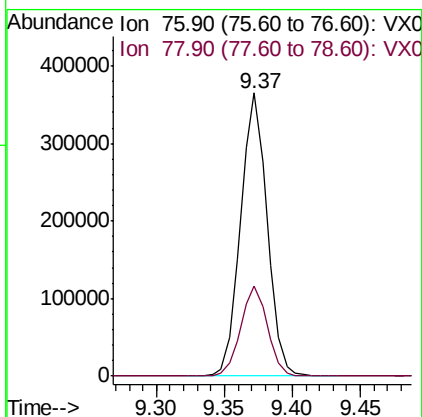
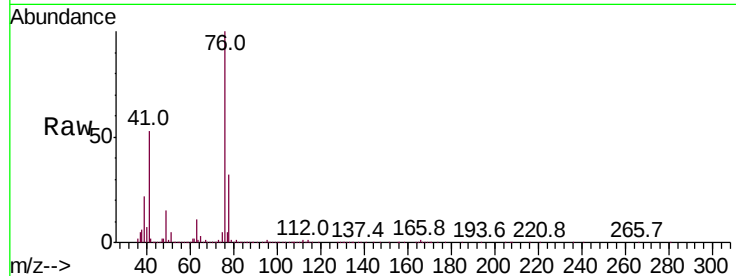
T3-MW-2-9.0-121918MS

Manual Integrations

APPROVED

MMDadoda

12/21/2018 10:19:51 AM



#59

2-Hexanone

Concen: 252.571 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006709.D

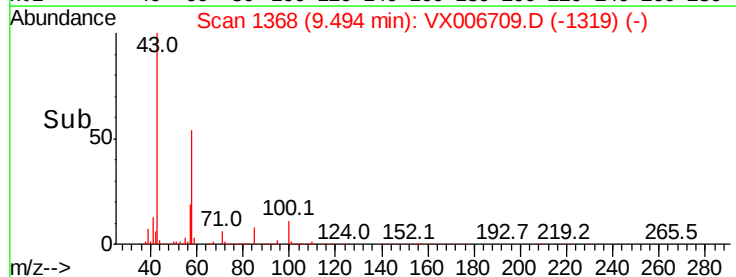
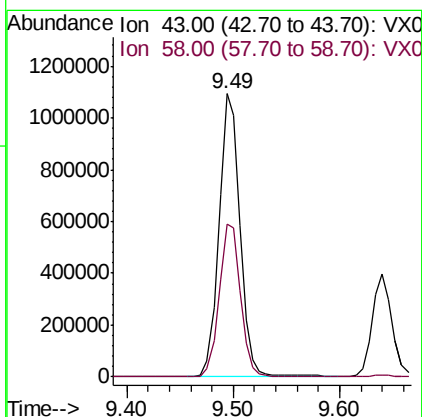
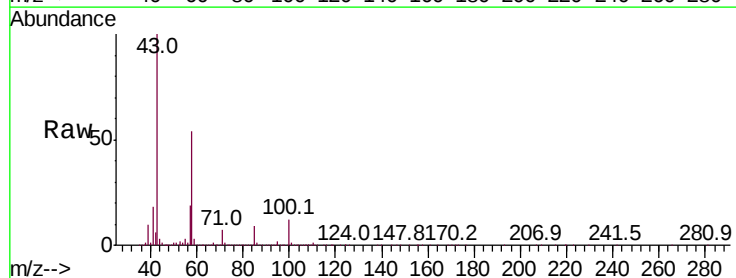
Acq: 21 Dec 2018 06:55

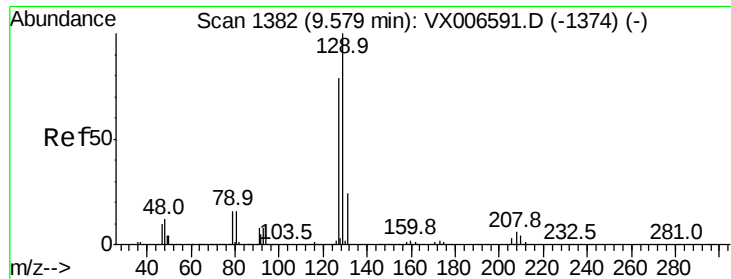
Tgt Ion: 43 Resp: 1491893

Ion Ratio Lower Upper

43 100

58 55.3 27.7 83.1





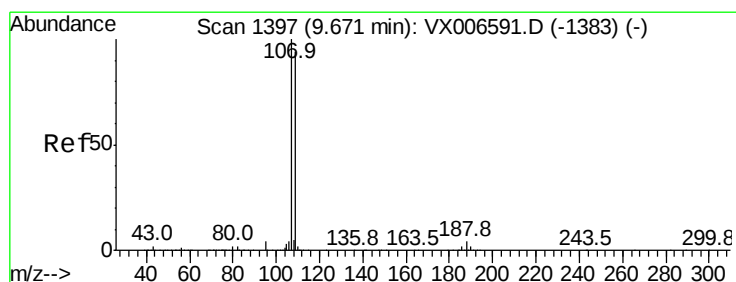
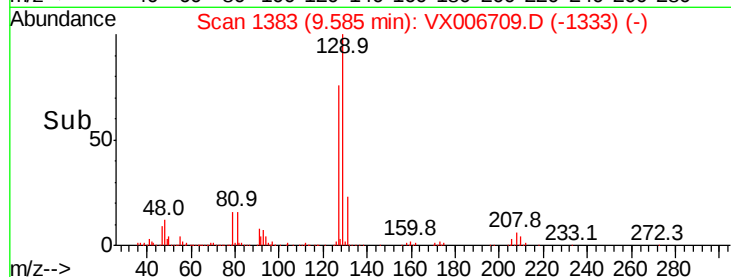
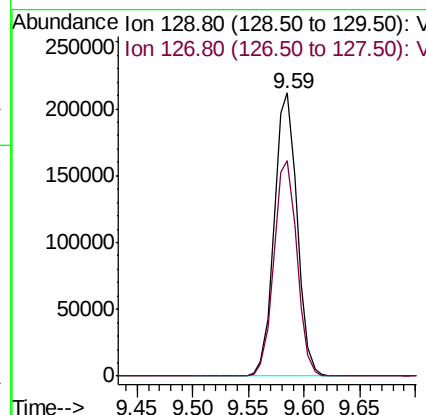
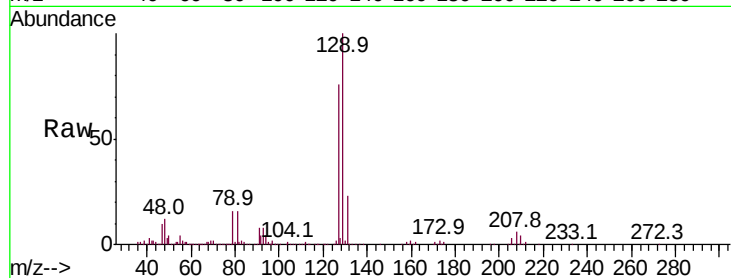
#60
Dibromochloromethane
Concen: 47.251 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.3	117.8

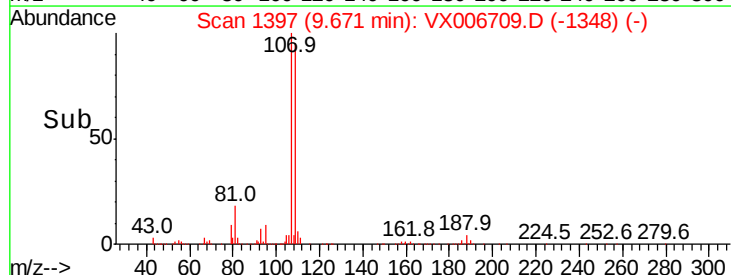
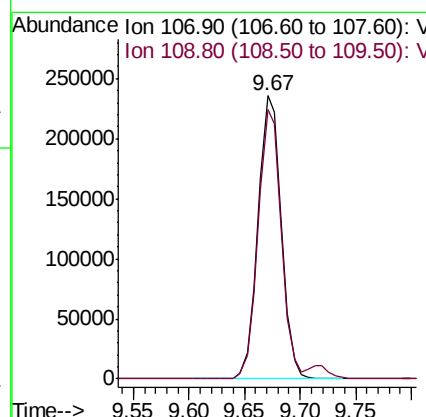
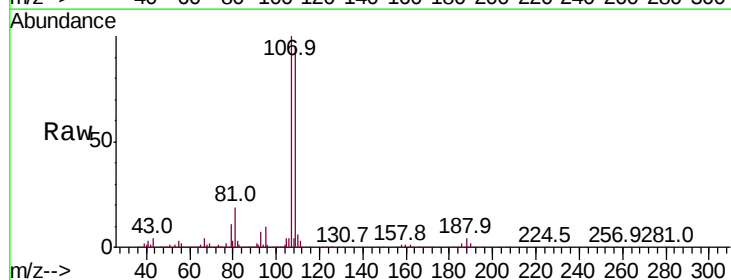
Manual Integrations
APPROVED

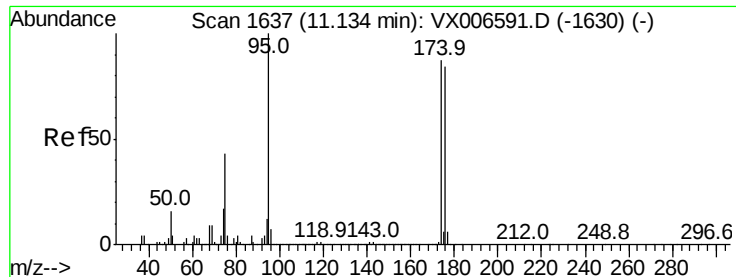
MMDadoda
12/21/2018 10:19:51 AM



#61
1,2-Dibromoethane
Concen: 52.464 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.8	113.6





#62

4-Bromofluorobenzene

Concen: 49.414 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

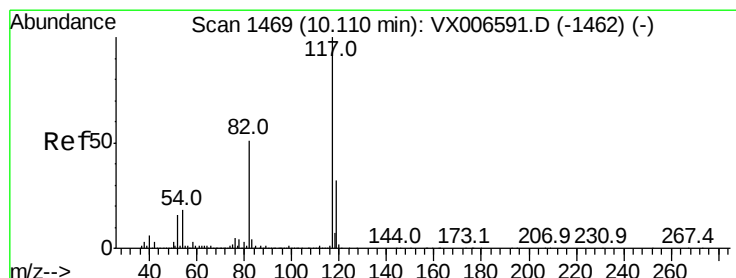
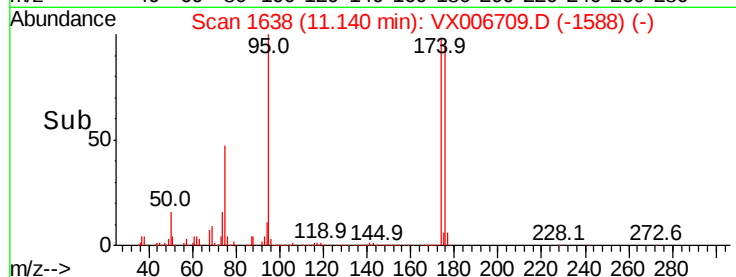
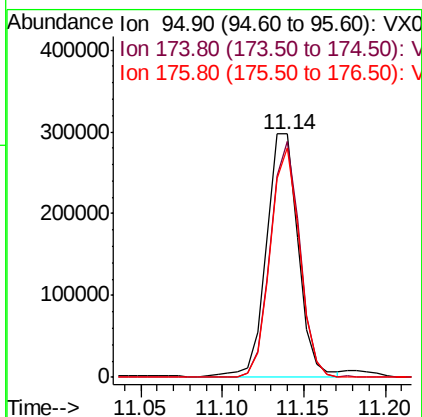
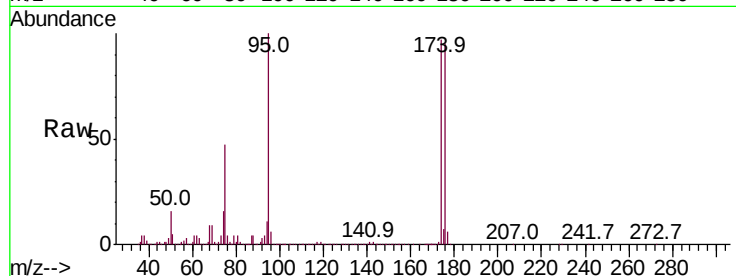
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	399131		
174	90.5	0.0	182.2	
176	88.3	0.0	178.8	

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

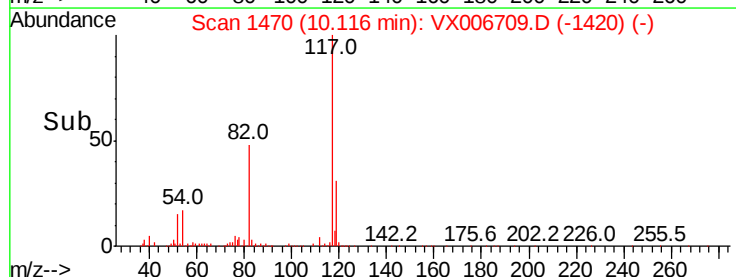
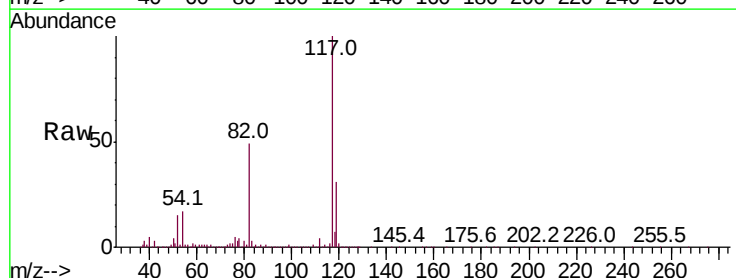
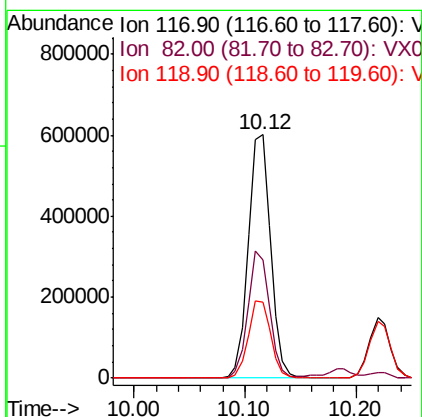
RT: 10.12 min Scan# 1470

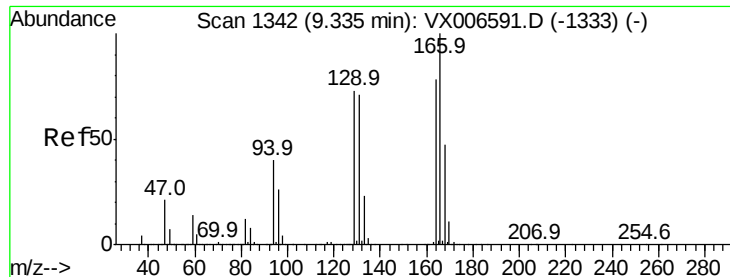
Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	840178		
82	48.4	41.0	61.6	
119	31.4	25.4	38.0	





#64

Tetrachloroethene

Concen: 44.573 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:164 Resp: 296542

Ion Ratio Lower Upper

164 100

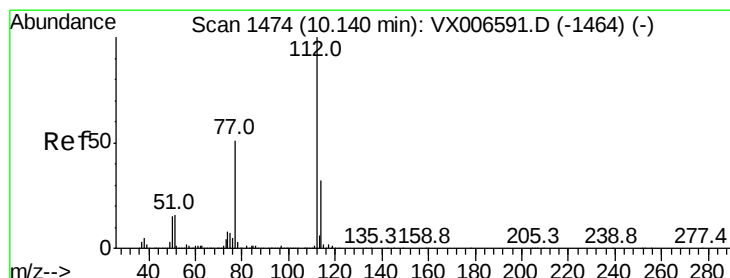
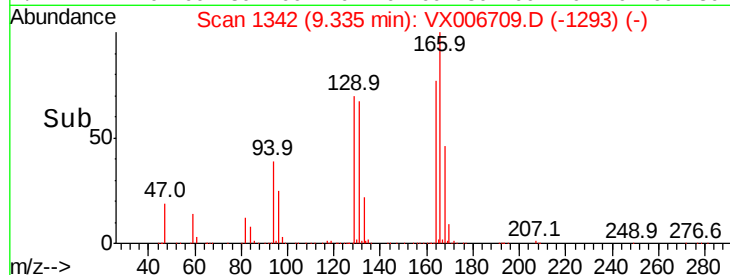
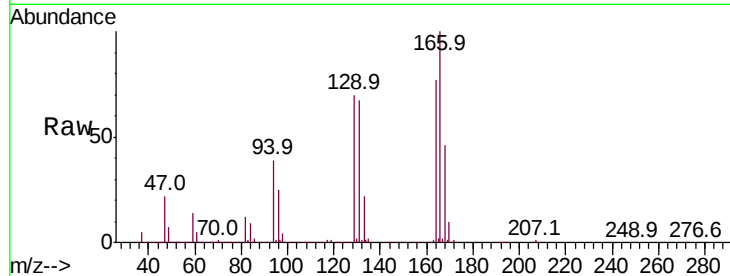
166 130.2 102.5 153.7

129 91.5 75.1 112.7

131 87.4 72.7 109.1

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#65

Chlorobenzene

Concen: 48.890 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006709.D

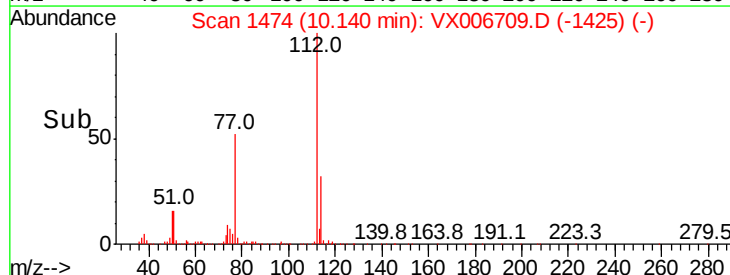
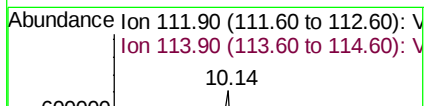
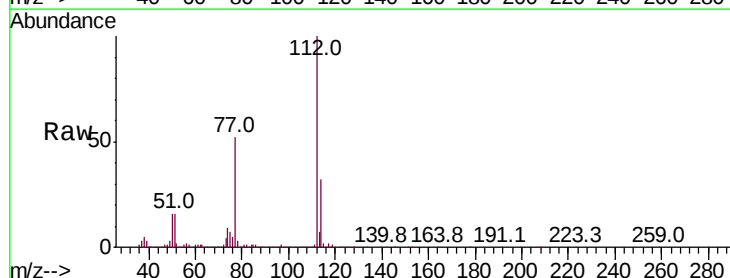
Acq: 21 Dec 2018 06:55

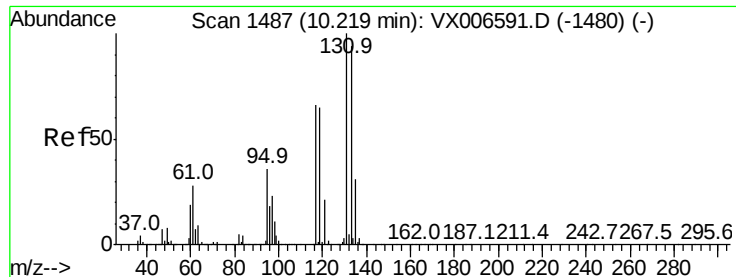
Tgt Ion:112 Resp: 869007

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 53.631 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

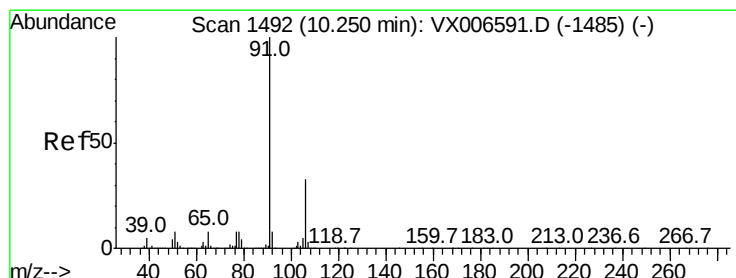
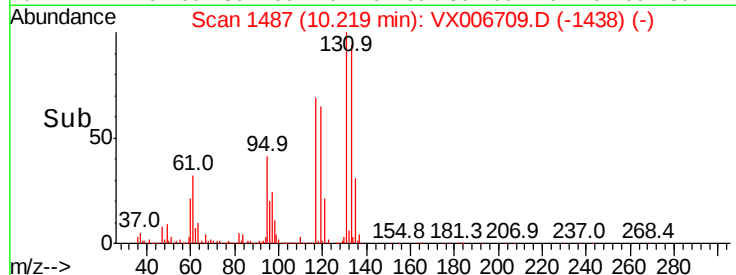
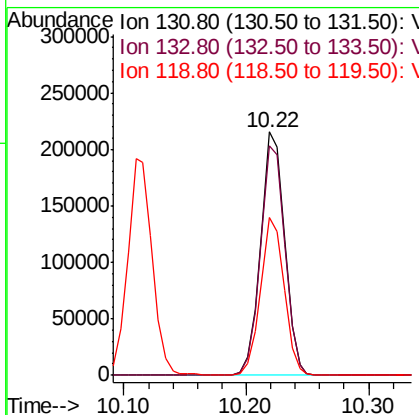
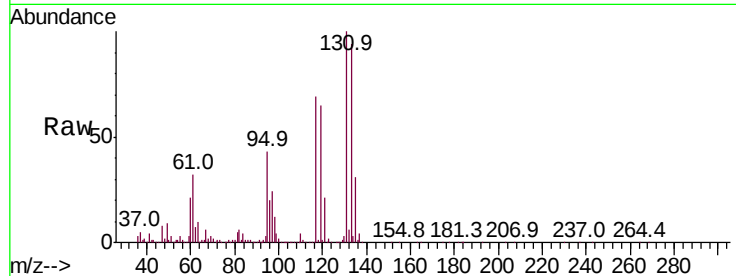
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:	131	Resp:	297417
Ion Ratio	Lower	Upper	
131	100		
133	96.3	48.0	144.2
119	64.1	32.6	97.8

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#67

Ethyl Benzene

Concen: 50.218 ug/l

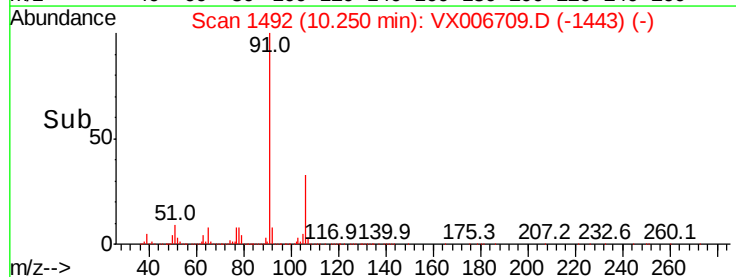
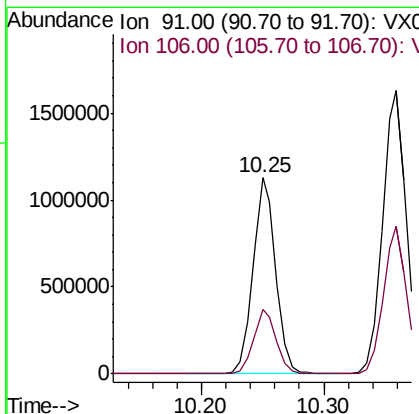
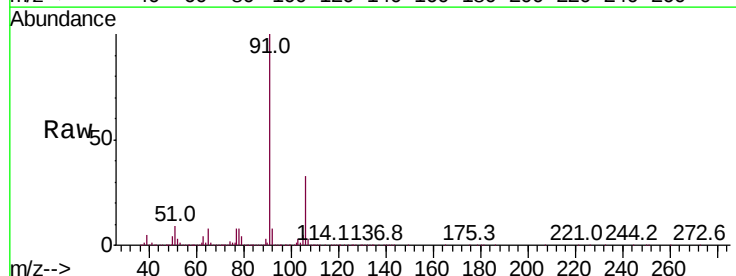
RT: 10.25 min Scan# 1492

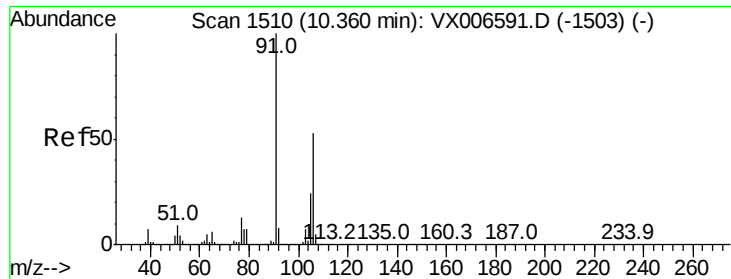
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion:	91	Resp:	1458598
Ion Ratio	Lower	Upper	
91	100		
106	32.9	26.4	39.6





#68

m/p-Xvlenes

Concen: 97.570 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion:106 Resp: 1118256

Ion Ratio Lower Upper

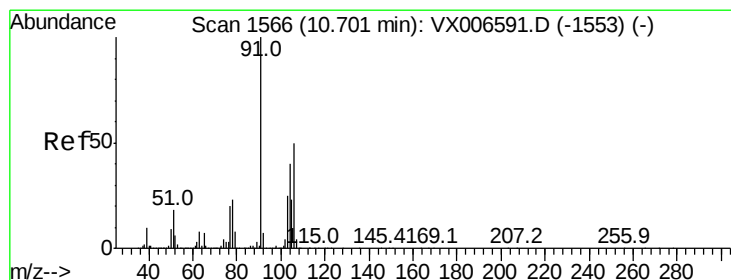
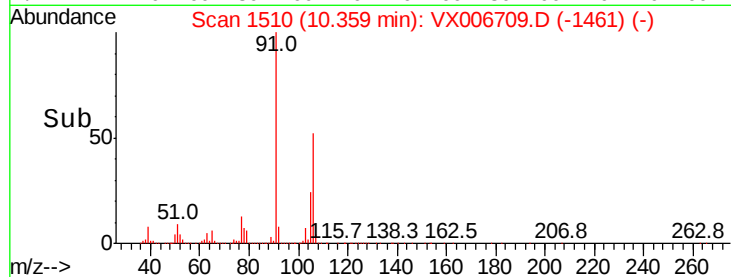
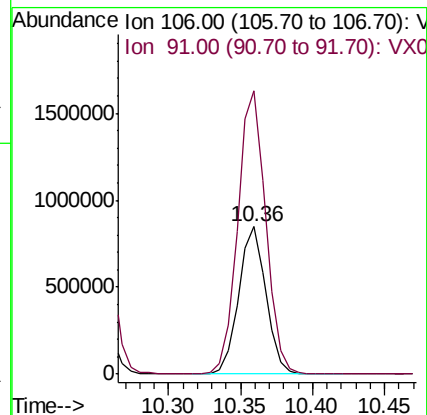
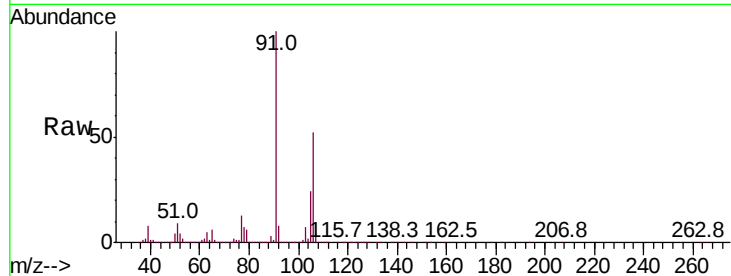
106 100

91 197.6 155.8 233.6

Manual Integrations
APPROVED

MMDadoda

12/21/2018 10:19:51 AM



#69

o-Xylene

Concen: 48.728 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006709.D

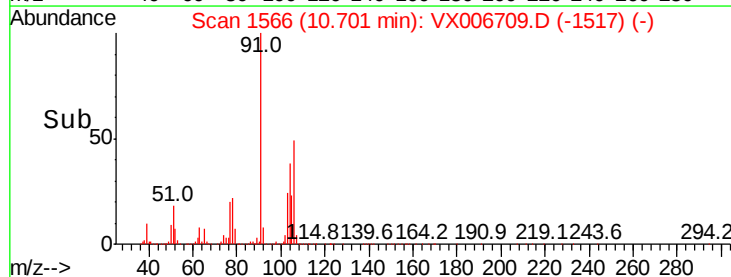
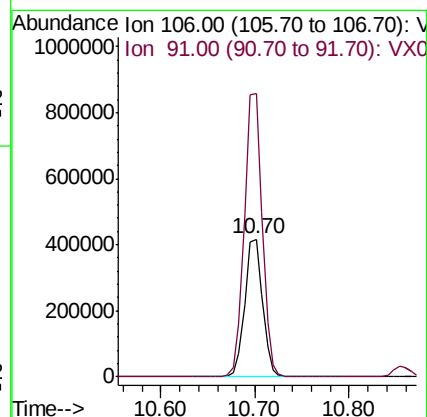
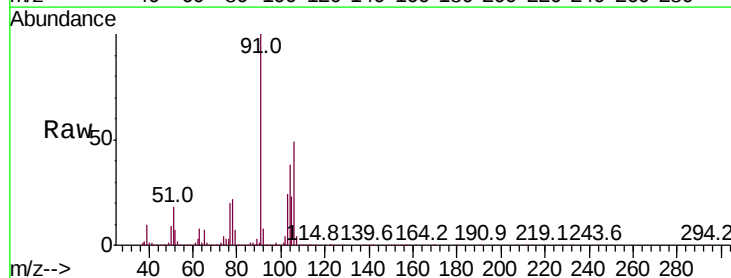
Acq: 21 Dec 2018 06:55

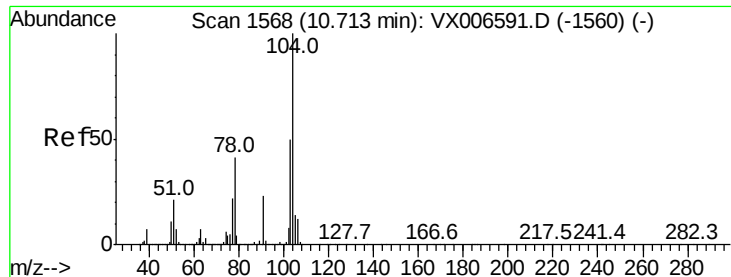
Tgt Ion:106 Resp: 551485

Ion Ratio Lower Upper

106 100

91 206.1 101.3 303.7





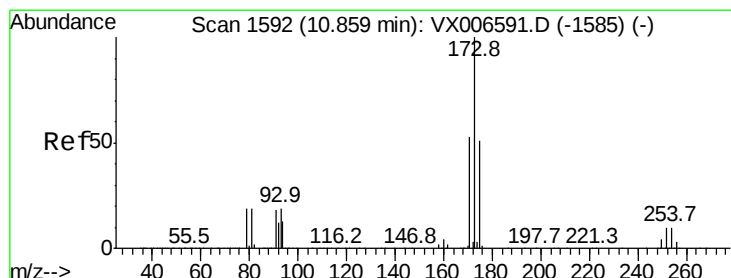
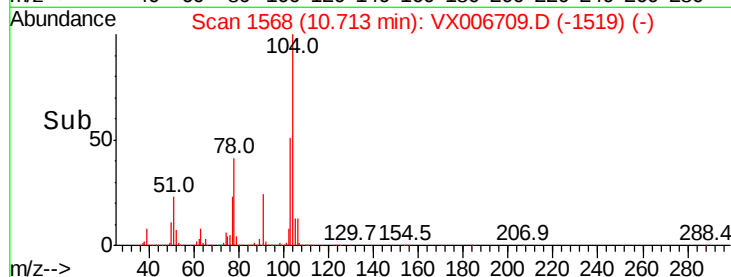
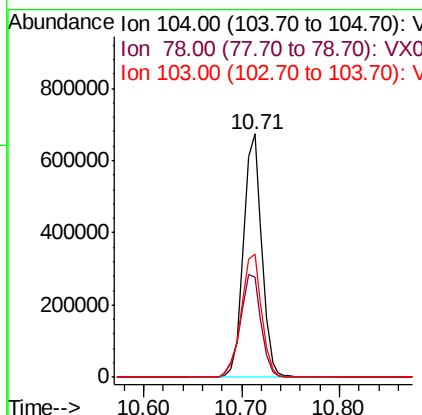
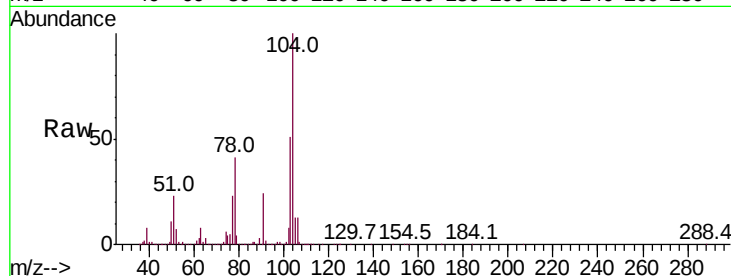
#70
Stvrene
Concen: 48.988 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	37.7	56.5
103	56.2	43.8	65.8

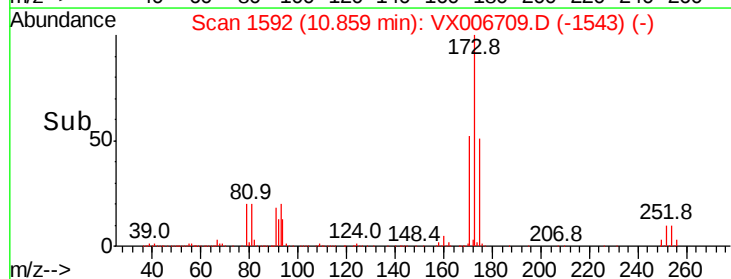
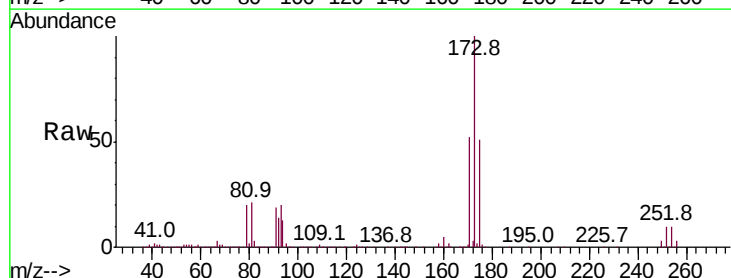
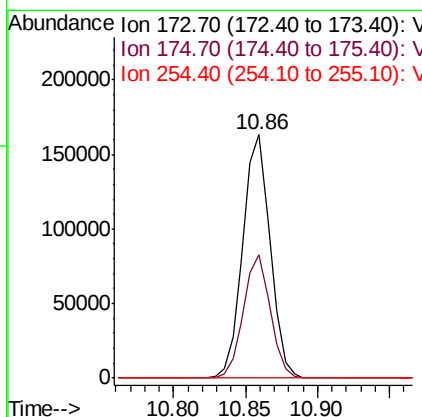
Manual Integrations
APPROVED

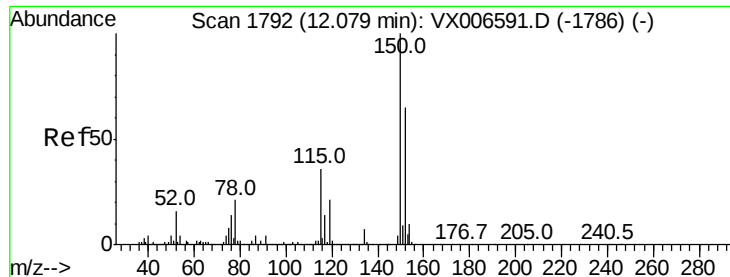
MMDadoda
12/21/2018 10:19:51 AM



#71
Bromoform
Concen: 43.569 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

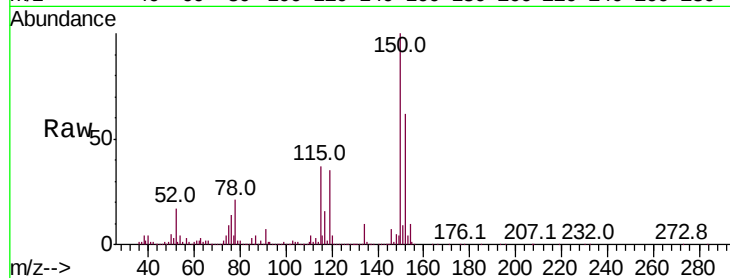
ClientSampleId :

T3-MW-2-9.0-121918MS

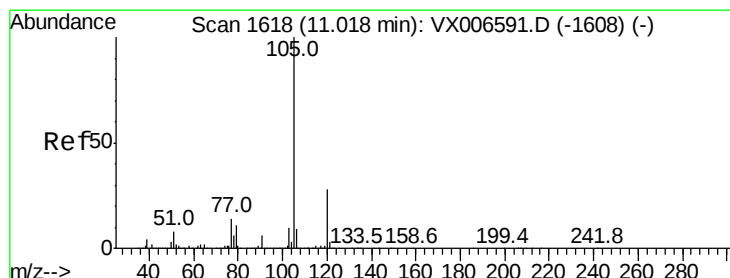
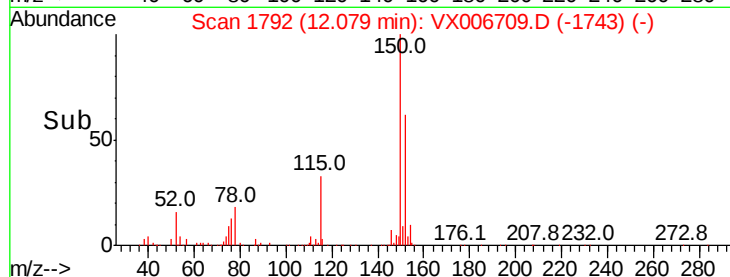
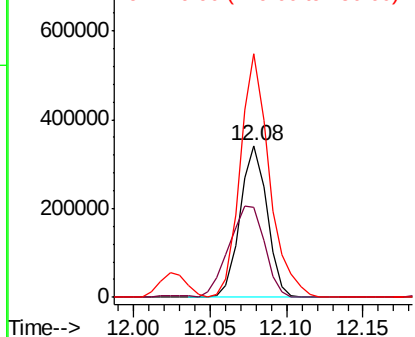
Tot Ion:	152	Resp:	416983
Ion Ratio	Lower	Upper	
152	100		
115	79.2	39.1	117.2
150	173.6	0.0	344.8

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



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: 95.131 ug/l

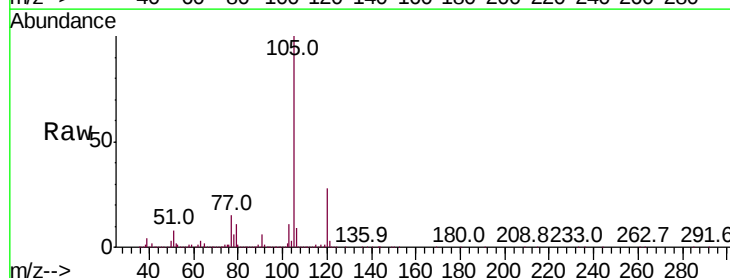
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

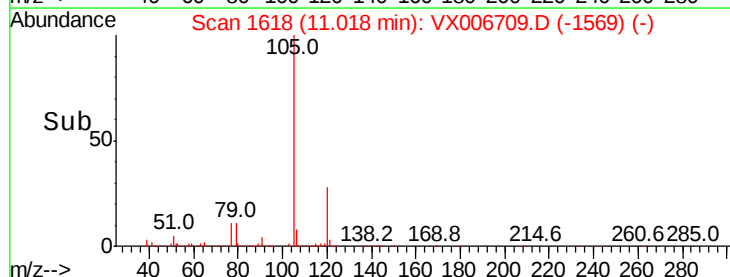
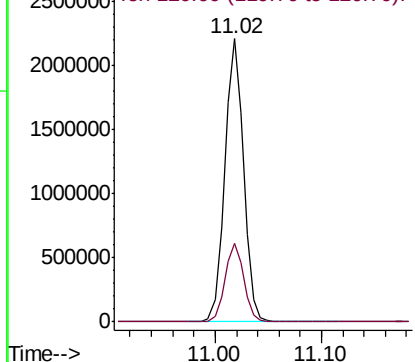
Lab File: VX006709.D

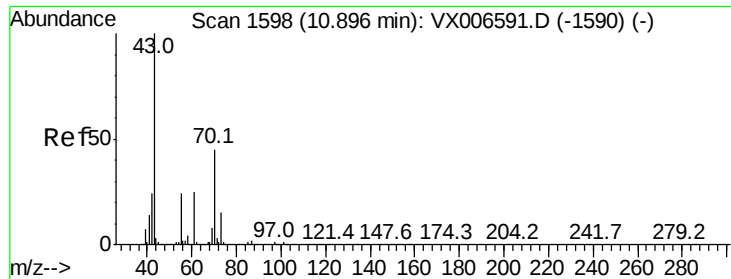
Acq: 21 Dec 2018 06:55

Tgt Ion:	105	Resp:	2713769
Ion Ratio	Lower	Upper	
105	100		
120	27.8	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.163 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

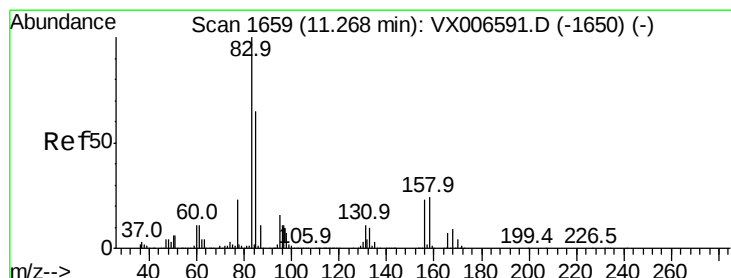
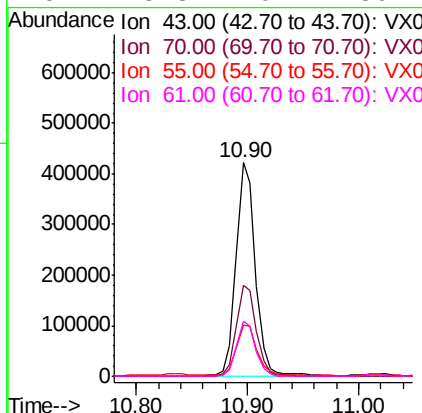
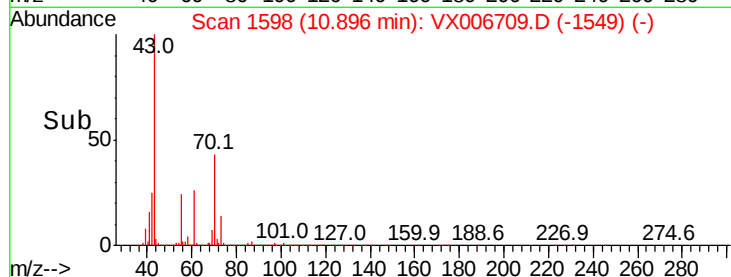
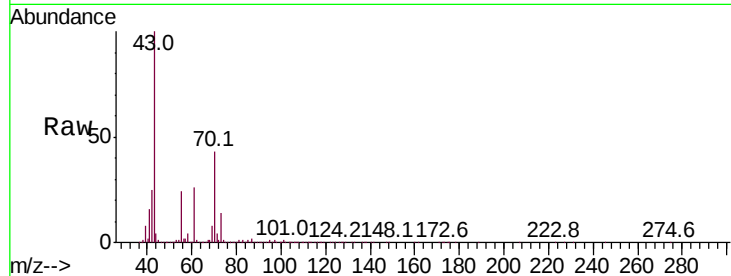
ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion	43	Resp	501999
Ion Ratio	Lower	Upper	
43	100		
70	44.3	35.8	53.8
55	26.4	19.4	29.0
61	25.3	20.1	30.1

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 54.093 ug/l

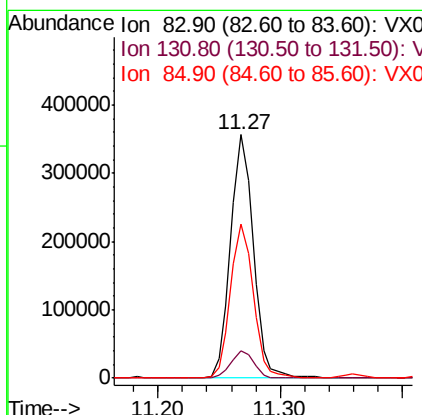
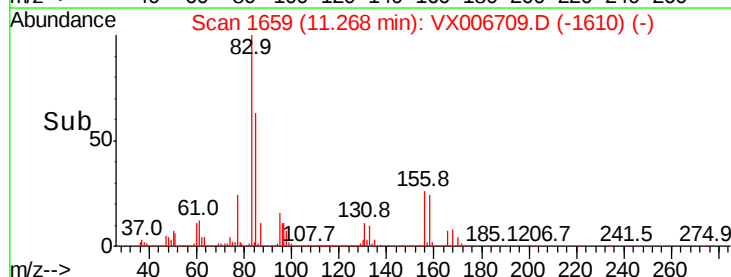
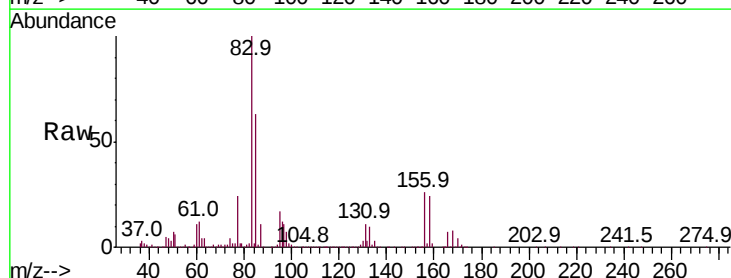
RT: 11.27 min Scan# 1659

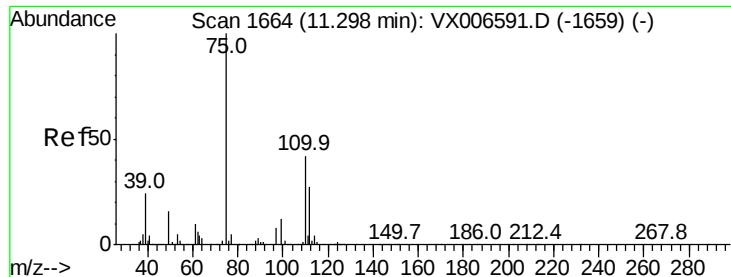
Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion	83	Resp	458920
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	63.5	32.2	96.6





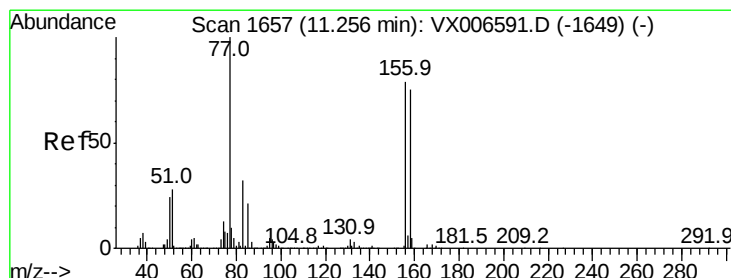
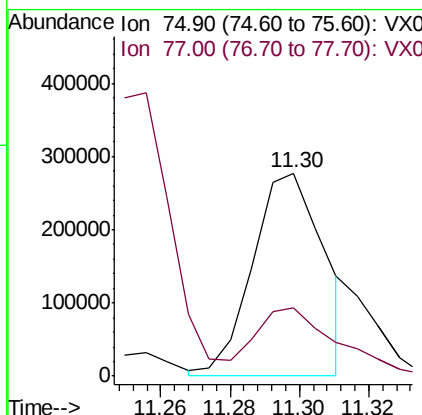
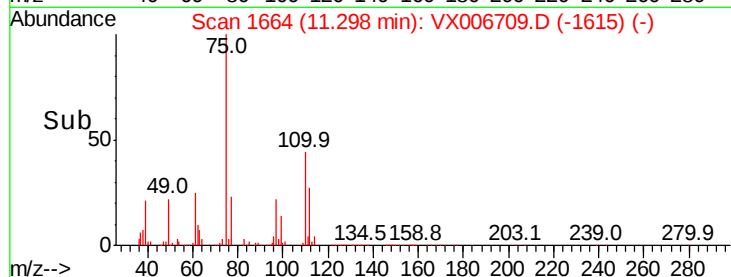
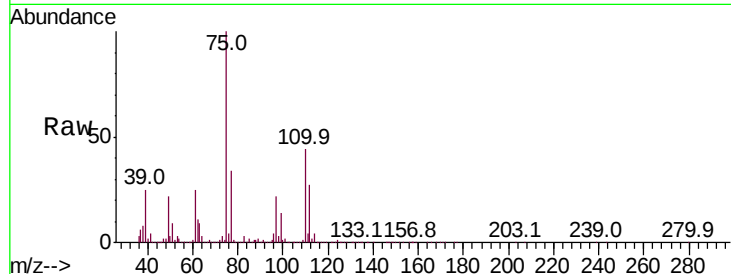
#76
1,2,3-Trichloropropane
Concen: 51.278 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion: 75 Resp: 397365
Ion Ratio Lower Upper
75 100
77 37.8 18.5 55.5

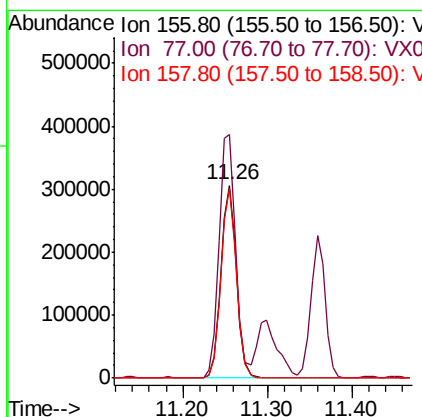
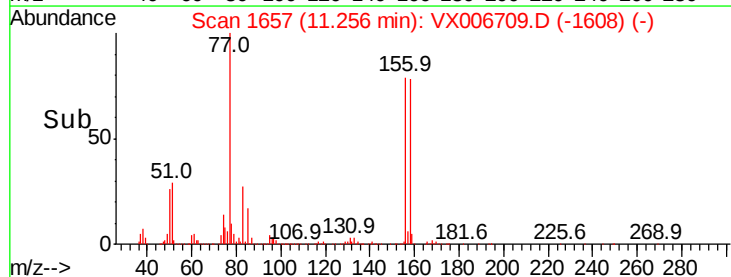
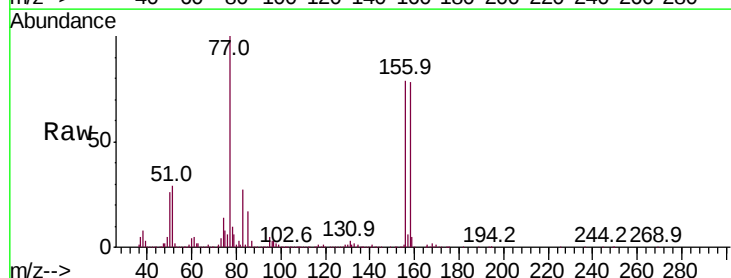
Manual Integrations
APPROVED

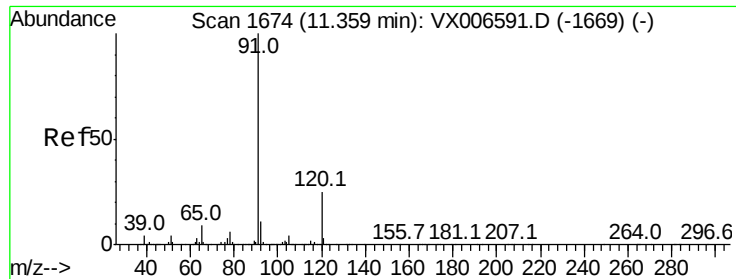
MMDadoda
12/21/2018 10:19:51 AM



#77
Bromobenzene
Concen: 50.869 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 156 Resp: 392319
Ion Ratio Lower Upper
156 100
77 134.7 68.0 204.0
158 97.3 48.3 144.8





#78

n-propylbenzene

Concen: 219.549 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 91 Resp: 6896808

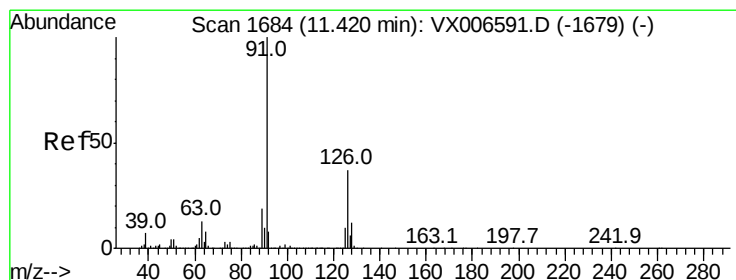
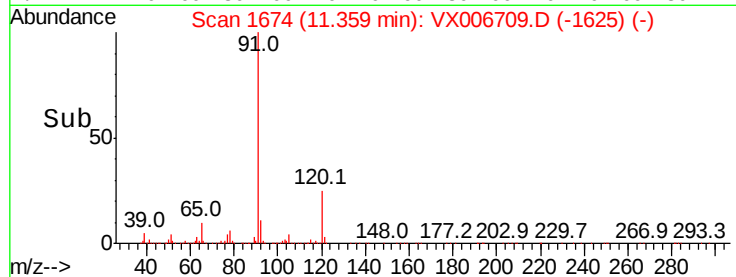
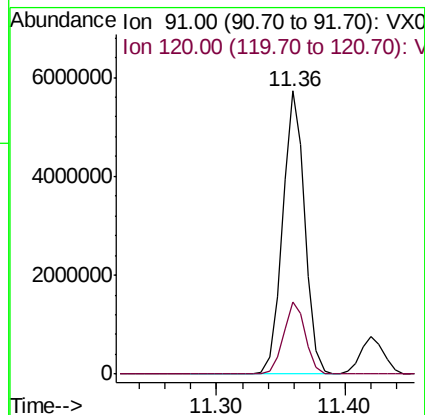
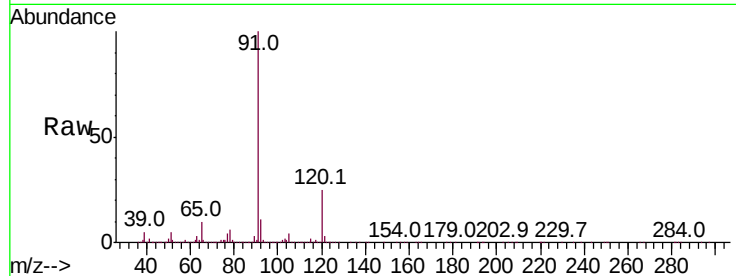
Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



#79

2-Chlorotoluene

Concen: 49.989 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006709.D

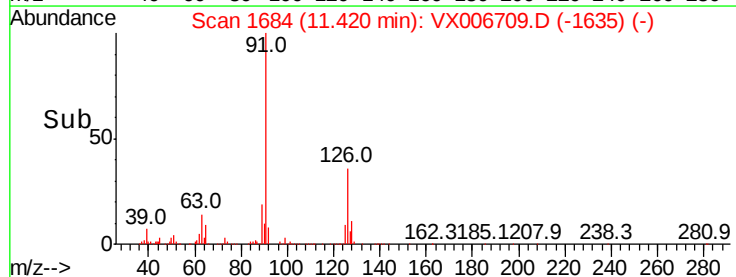
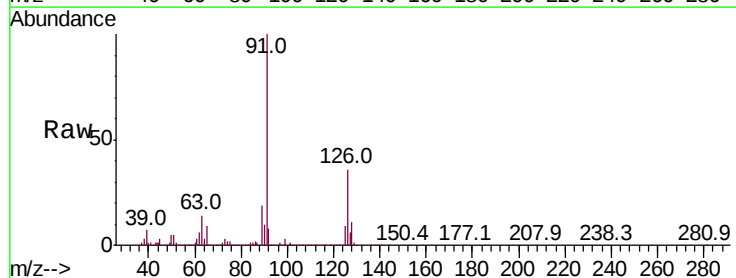
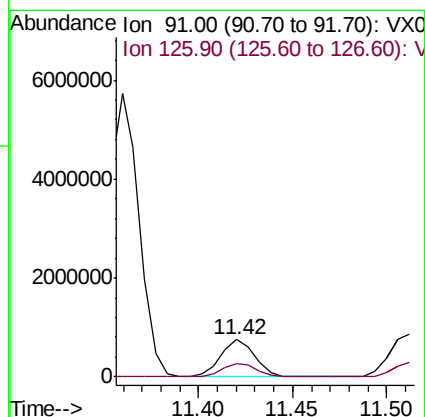
Acq: 21 Dec 2018 06:55

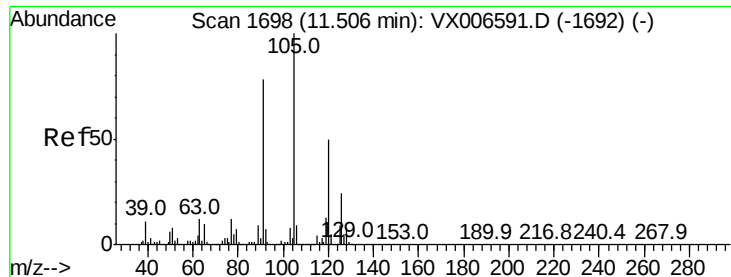
Tgt Ion: 91 Resp: 951644

Ion Ratio Lower Upper

91 100

126 36.8 18.6 56.0





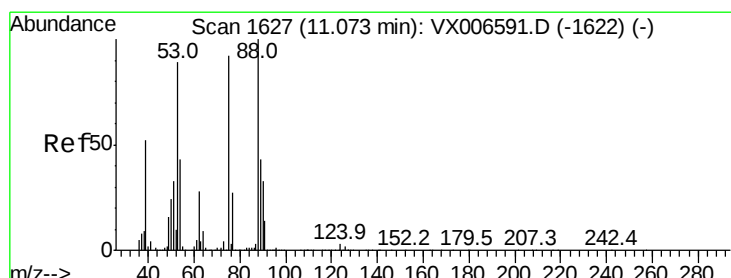
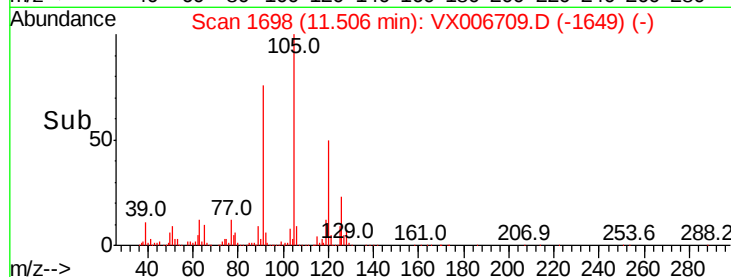
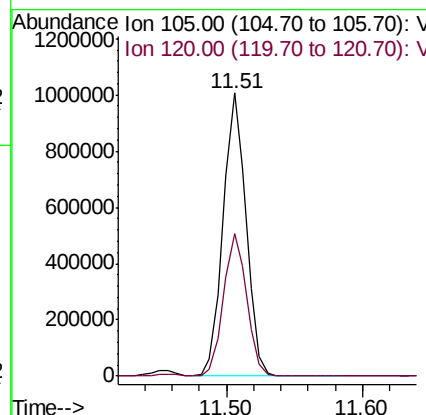
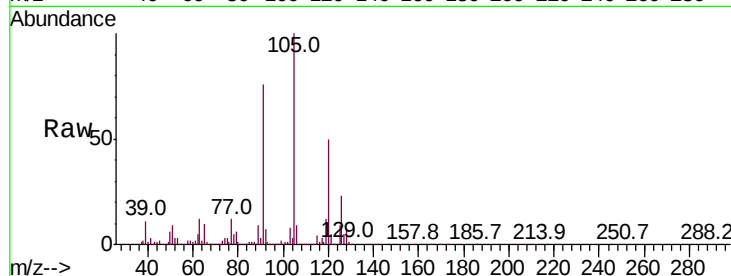
#80
 1,3,5-Trimethylbenzene
 Concen: 49.989 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion:105 Resp: 1174558
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3

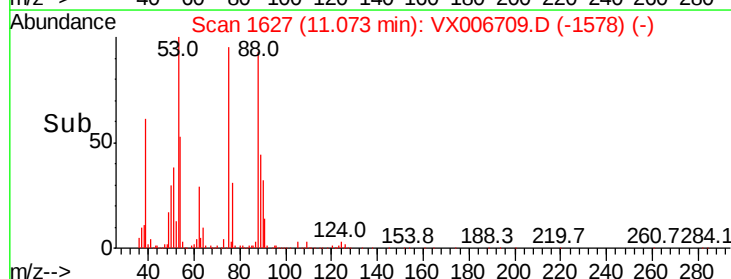
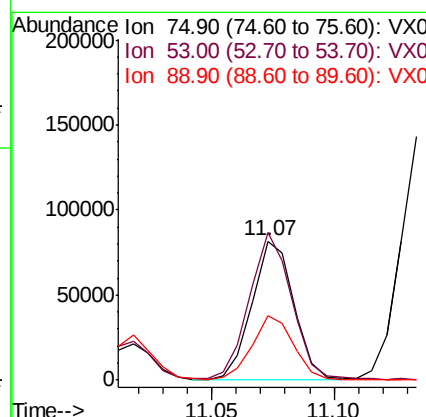
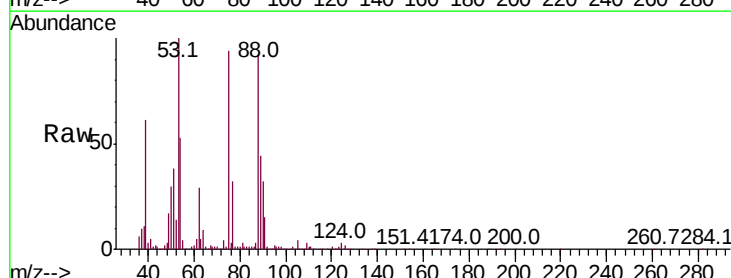
Manual Integrations
 APPROVED

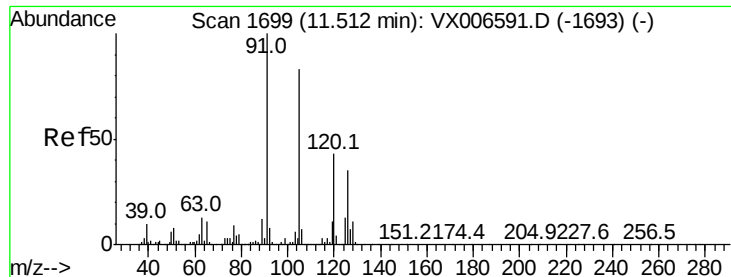
MMDadoda
 12/21/2018 10:19:51 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.025 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion: 75 Resp: 96787
 Ion Ratio Lower Upper
 75 100
 53 106.8 79.7 119.5
 89 47.0 38.0 57.0





#82

4-Chlorotoluene

Concen: 50.139 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-2-9.0-121918MS

Tot Ion: 91 Resp: 1094871

Ion Ratio Lower Upper

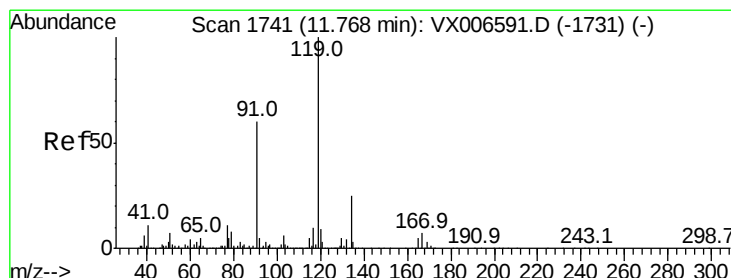
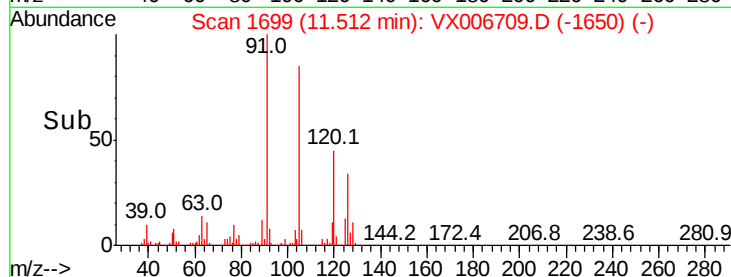
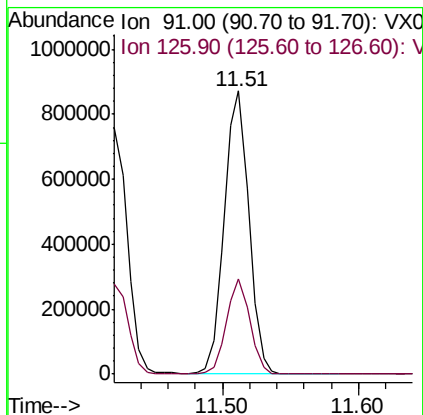
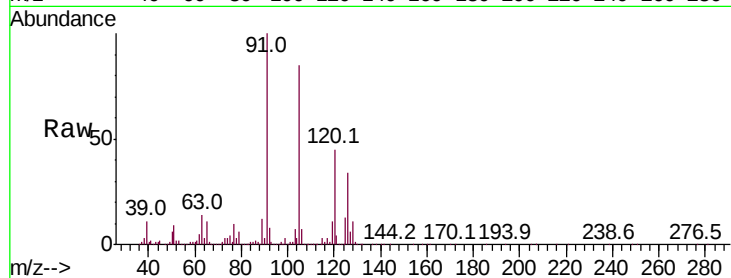
91 100

126 31.8 16.3 48.9

Manual Integrations
APPROVED

MMDadoda

12/21/2018 10:19:51 AM



#83

tert-Butylbenzene

Concen: 55.131 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

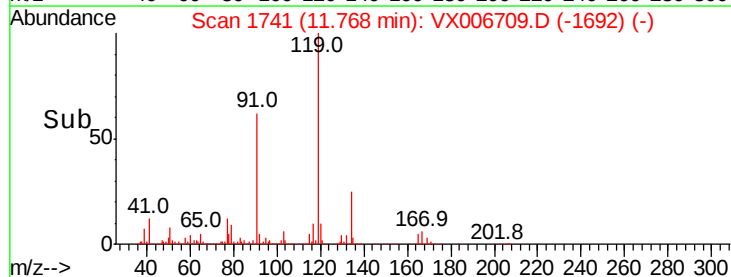
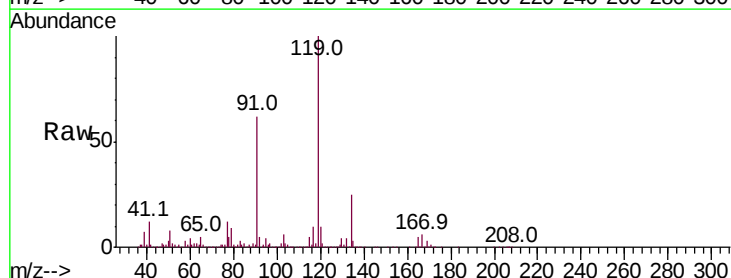
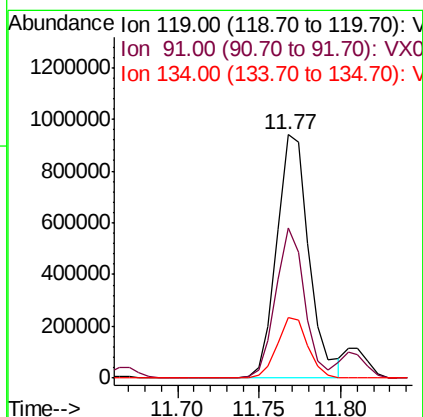
Tgt Ion: 119 Resp: 1296473

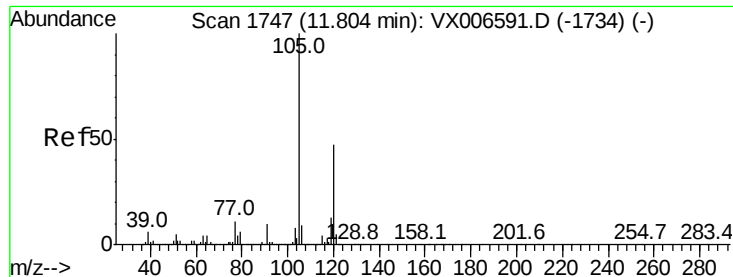
Ion Ratio Lower Upper

119 100

91 55.0 27.7 83.1

134 23.7 11.9 35.5





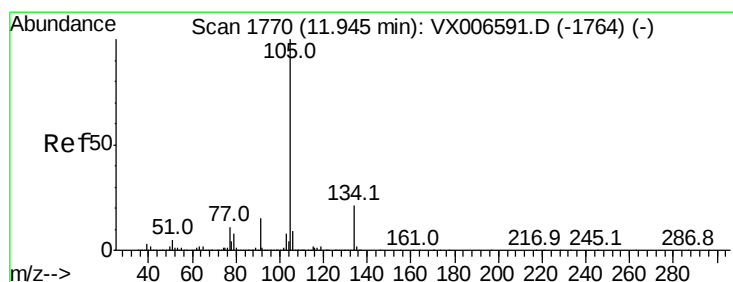
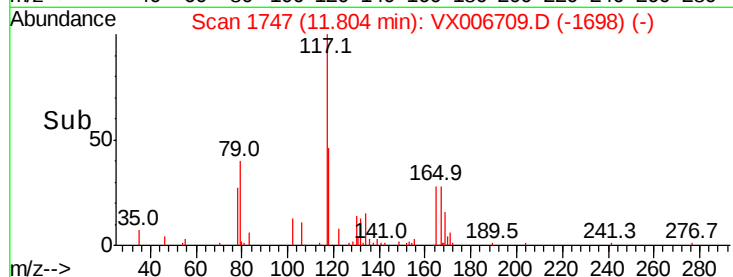
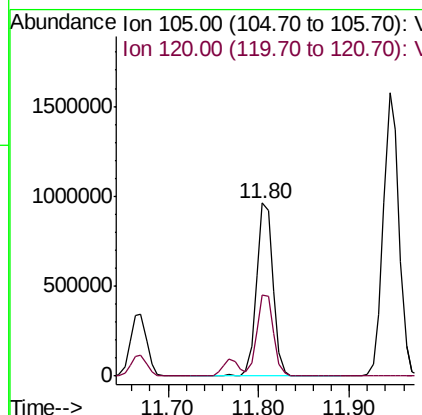
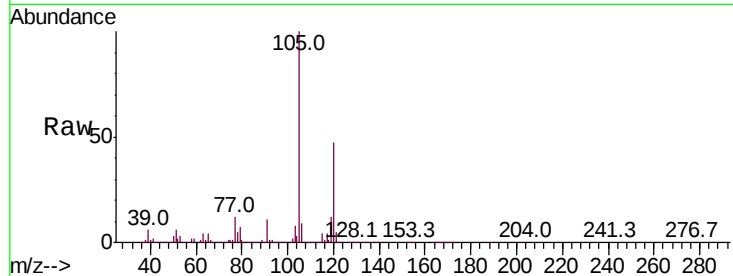
#84
 1,2,4-Trimethylbenzene
 Concen: 48.700 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion:105 Resp: 1203576
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6

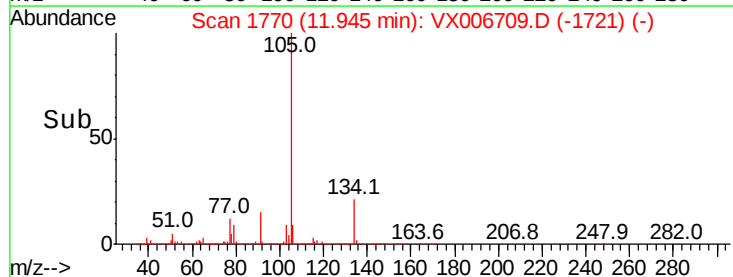
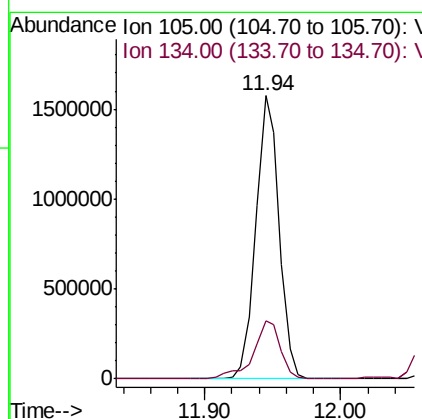
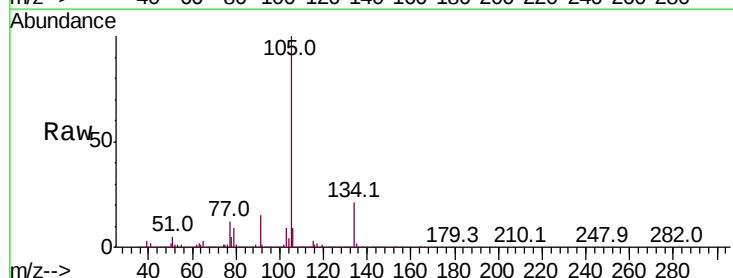
Manual Integrations
 APPROVED

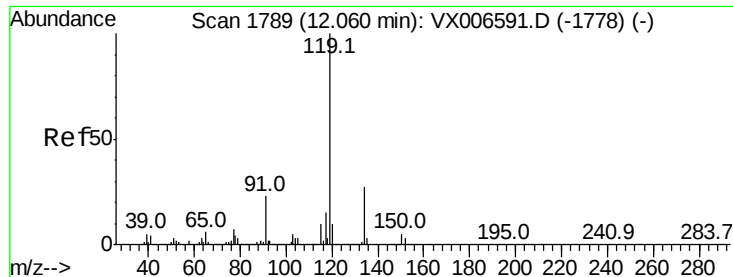
MMDadoda
 12/21/2018 10:19:51 AM



#85
 sec-Butylbenzene
 Concen: 65.428 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion:105 Resp: 1886434
 Ion Ratio Lower Upper
 105 100
 134 24.2 10.7 31.9





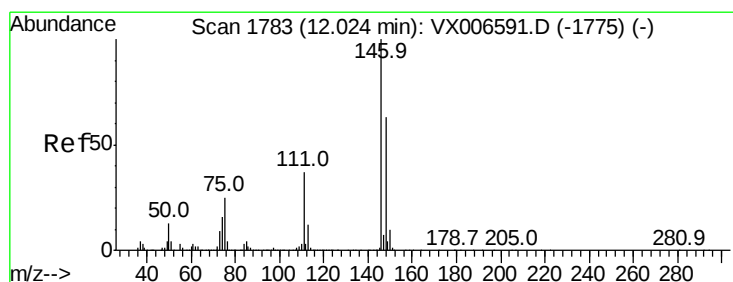
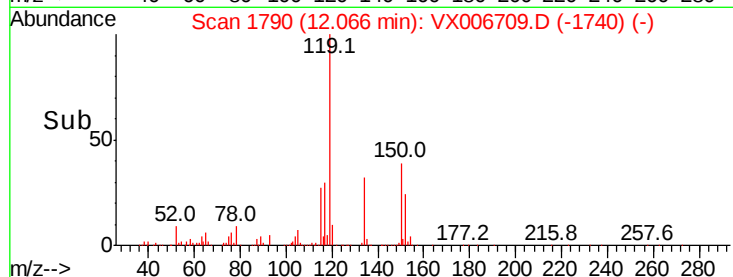
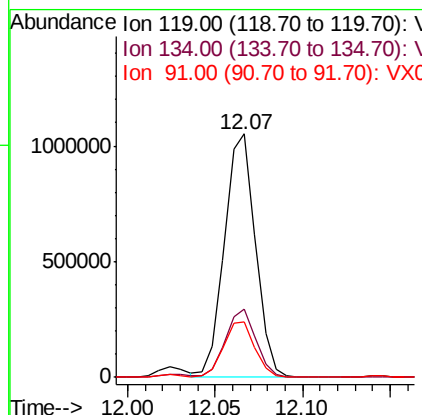
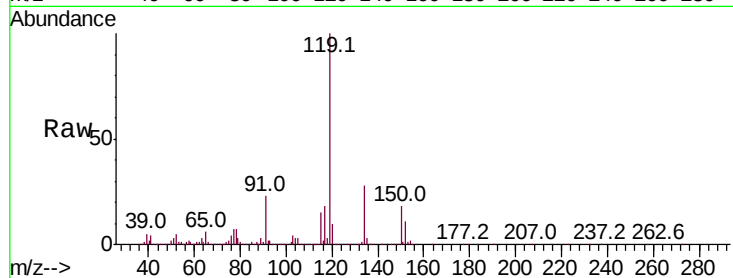
#86
 p-Isopropyltoluene
 Concen: 51.160 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	14.0	41.9
91	22.7	11.3	33.9

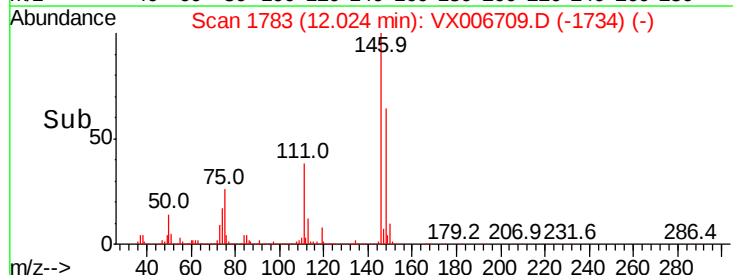
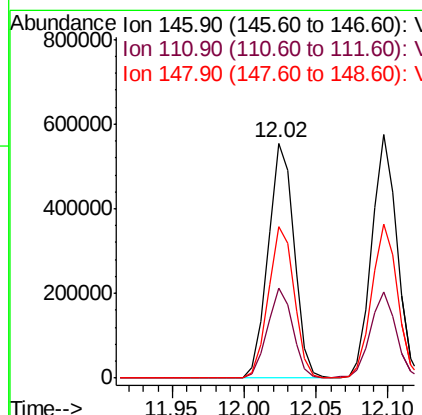
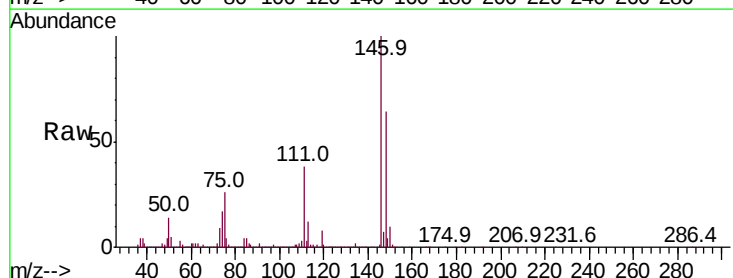
Manual Integrations
 APPROVED

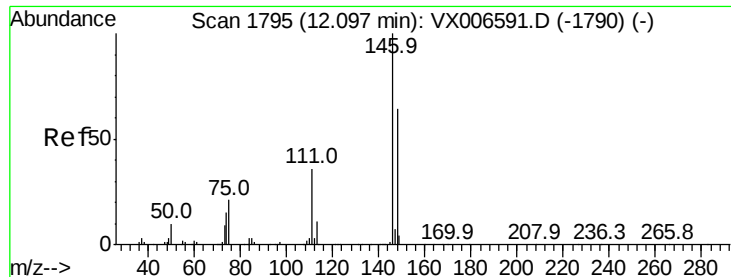
MMDadoda
 12/21/2018 10:19:51 AM



#87
 1,3-Dichlorobenzene
 Concen: 49.591 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.2	31.8	95.3





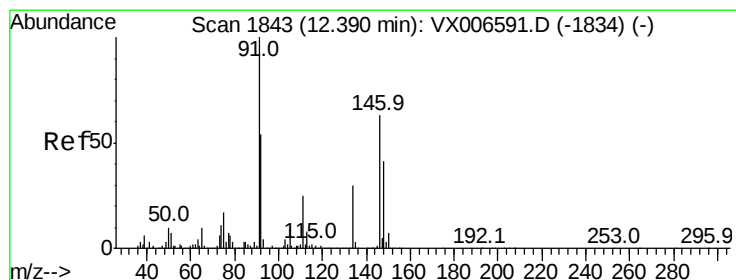
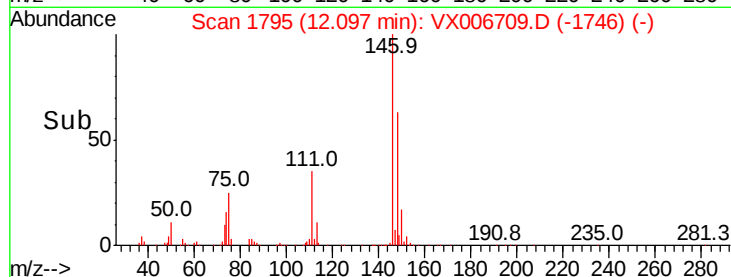
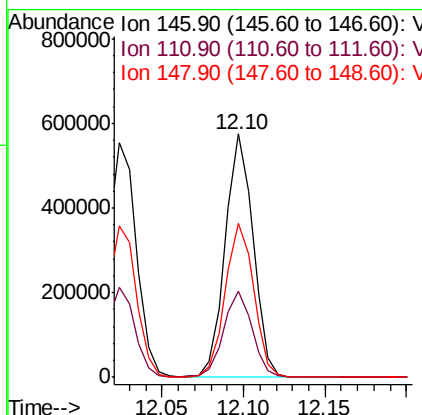
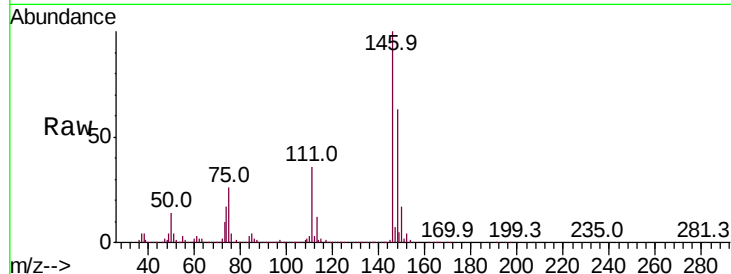
#88
 1,4-Dichlorobenzene
 Concen: 48.079 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.5	31.9	95.9

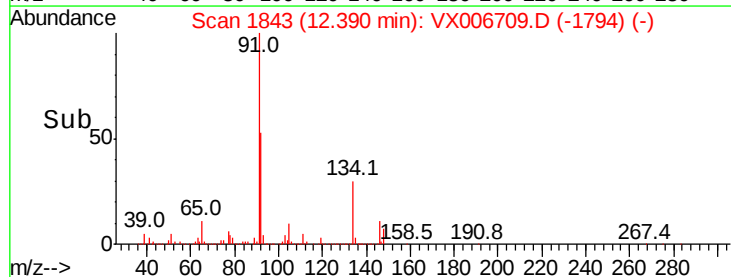
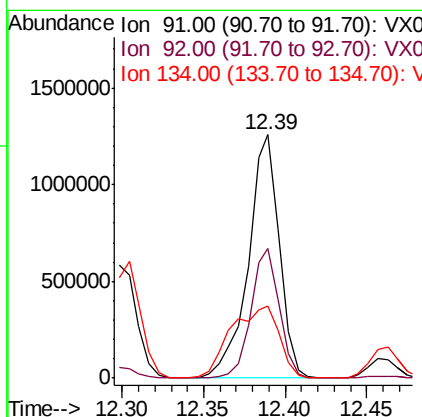
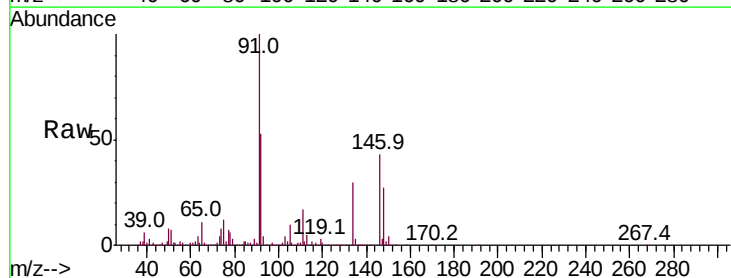
Manual Integrations
 APPROVED

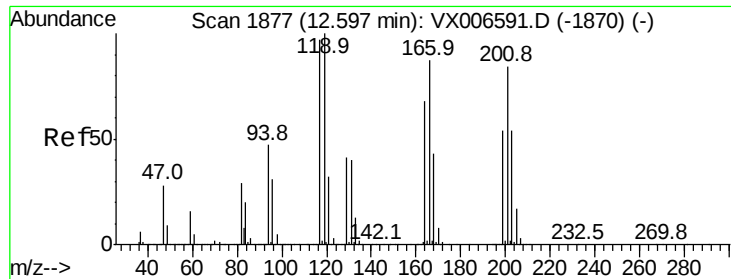
MMDadoda
 12/21/2018 10:19:51 AM



#89
 n-Butylbenzene
 Concen: 77.298 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.8	80.4
134	46.0	14.4	43.2





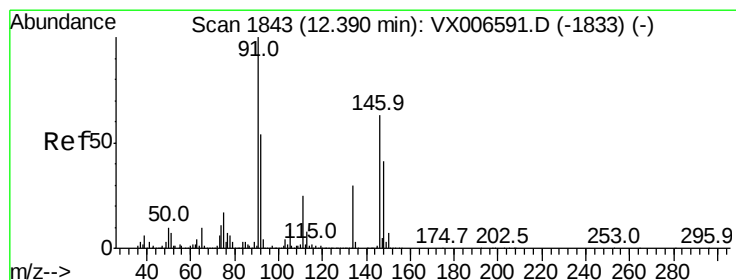
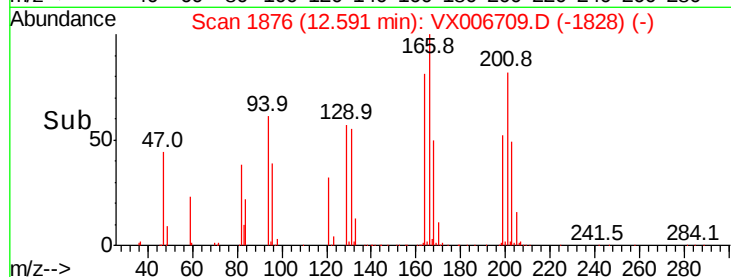
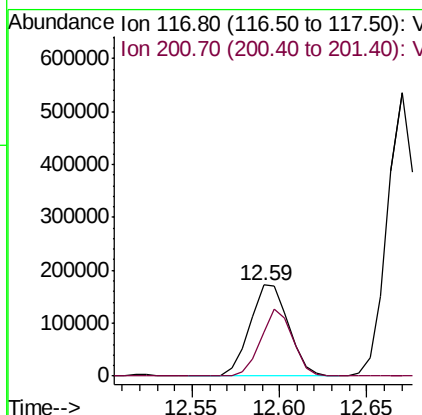
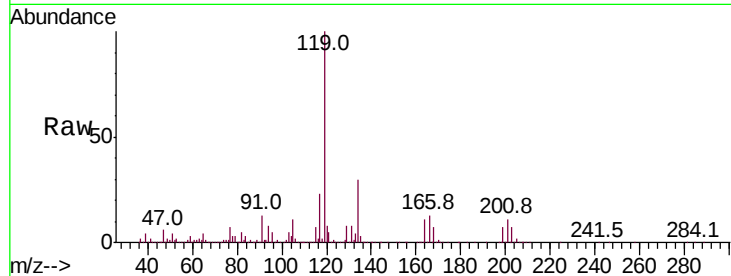
#90
Hexachloroethane
Concen: 65.344 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-121918MS

Tot Ion:117 Resp: 263482
Ion Ratio Lower Upper
117 100
201 60.8 42.9 128.7

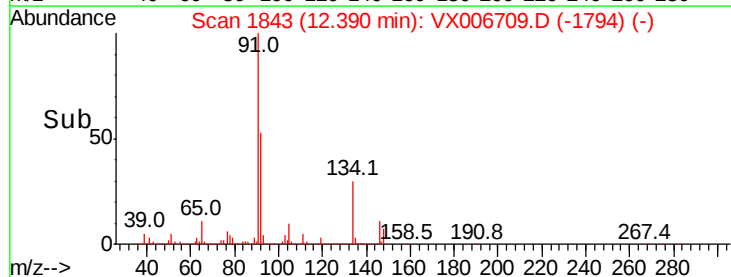
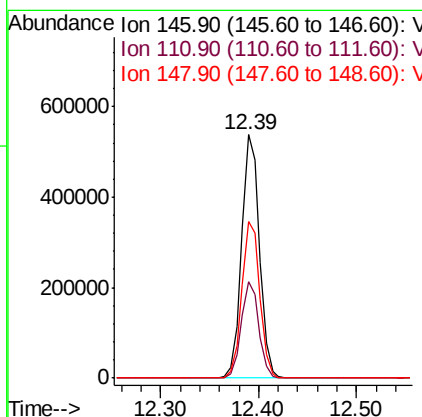
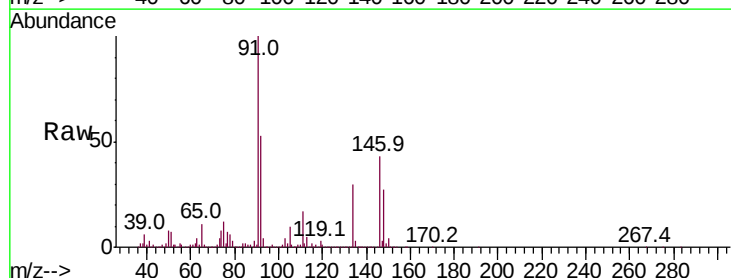
Manual Integrations
APPROVED

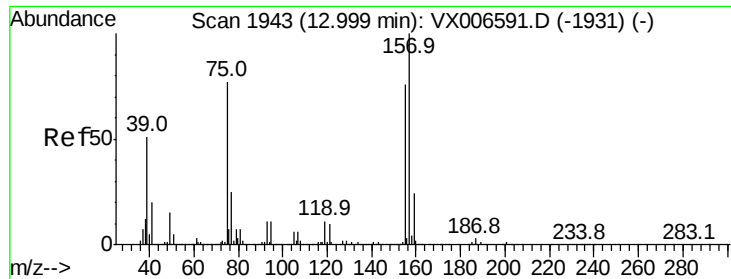
MMDadoda
12/21/2018 10:19:51 AM



#91
1,2-Dichlorobenzene
Concen: 48.704 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion:146 Resp: 677188
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 64.7 32.3 96.9





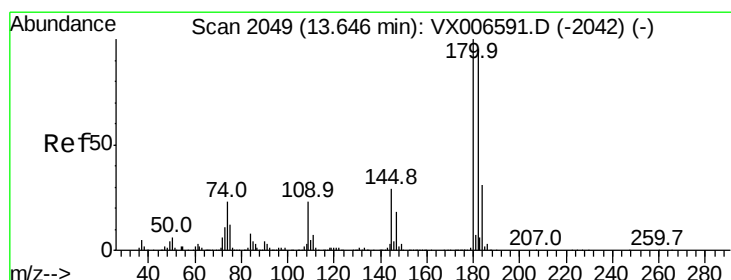
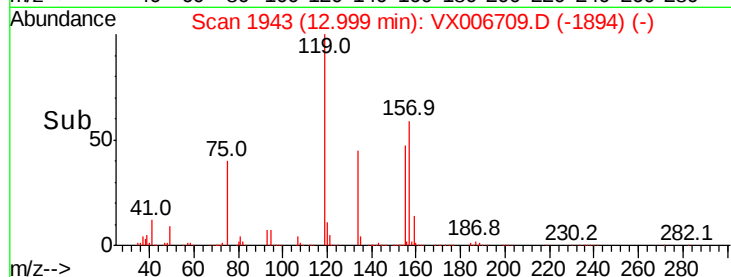
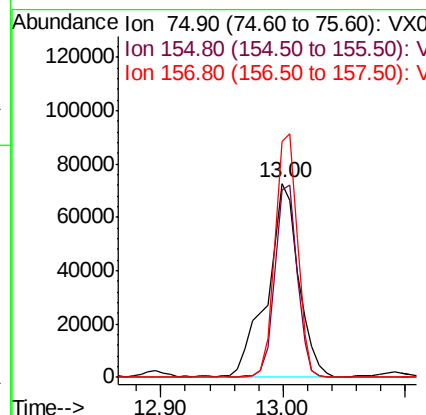
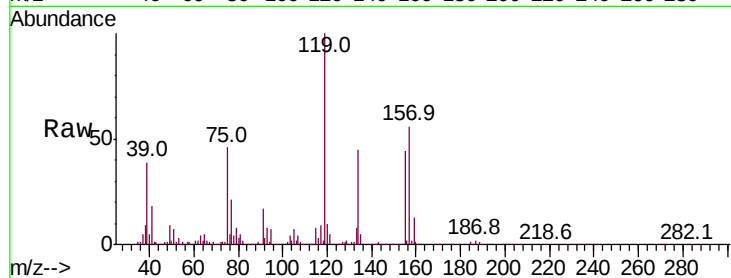
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.112 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	70.3	50.6	151.8
157	89.3	64.6	193.8

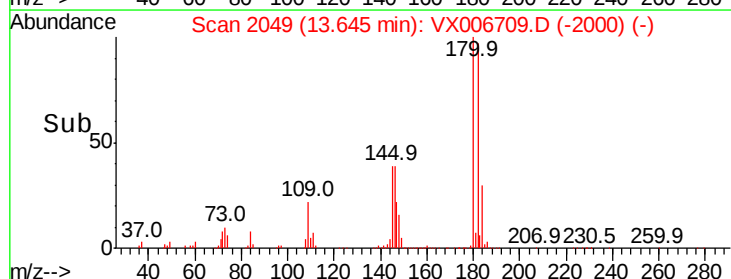
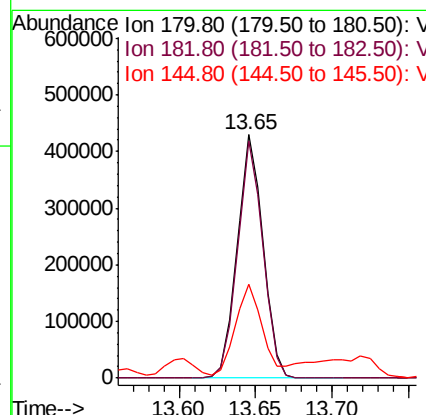
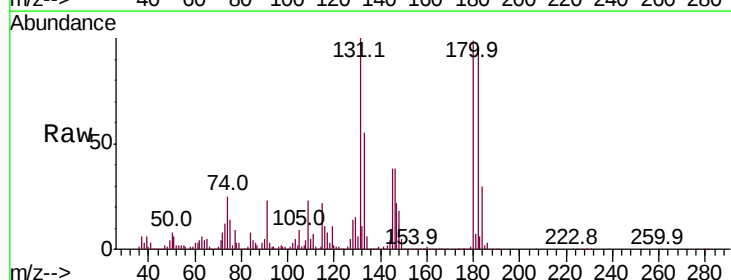
Manual Integrations
 APPROVED

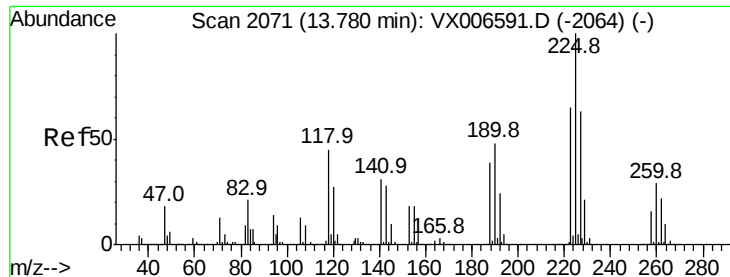
MMDadoda
 12/21/2018 10:19:51 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 52.237 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	41.6	14.8	44.3





#94

Hexachlorobutadiene

Concen: 51.516 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

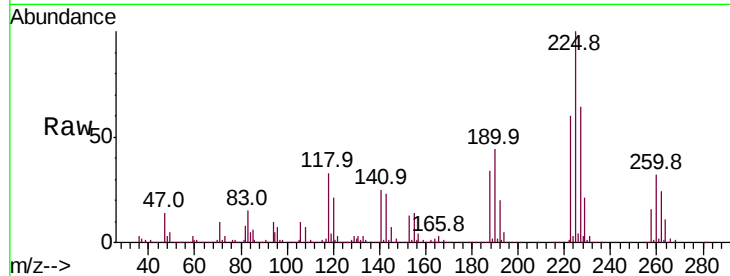
ClientSampleId :

T3-MW-2-9.0-121918MS

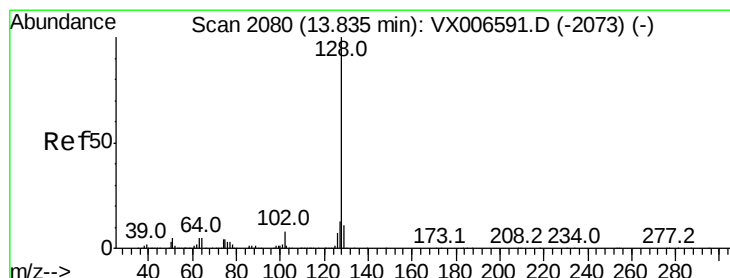
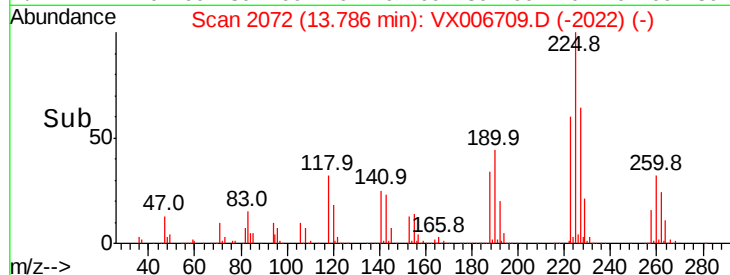
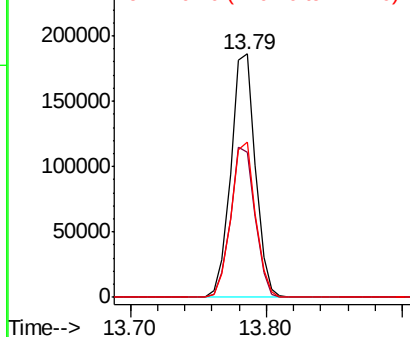
Tot Ion:	225	Resp:	232888
Ion Ratio	Lower	Upper	
225	100		
223	61.6	32.1	96.3
227	63.2	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:19:51 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.249 ug/l

RT: 13.83 min Scan# 2080

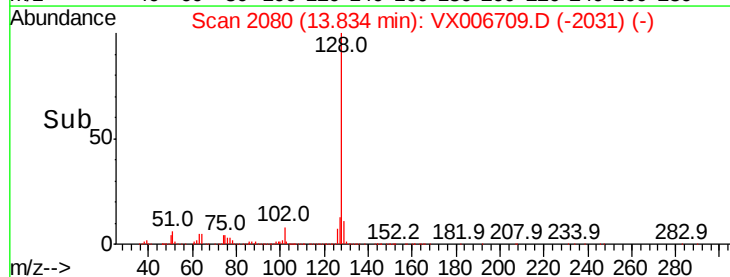
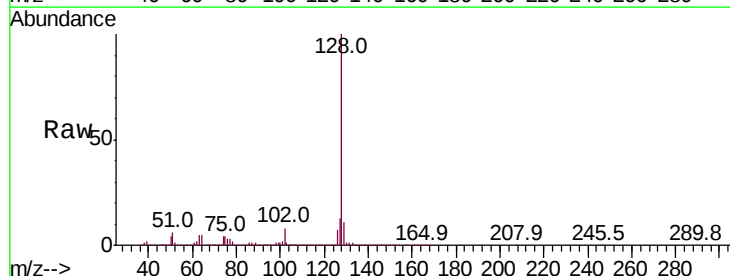
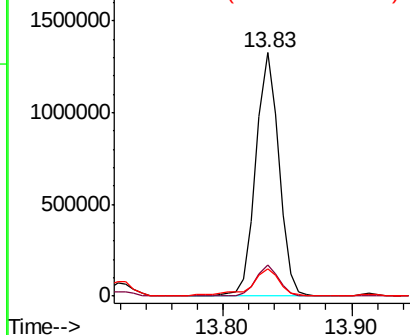
Delta R.T. -0.00 min

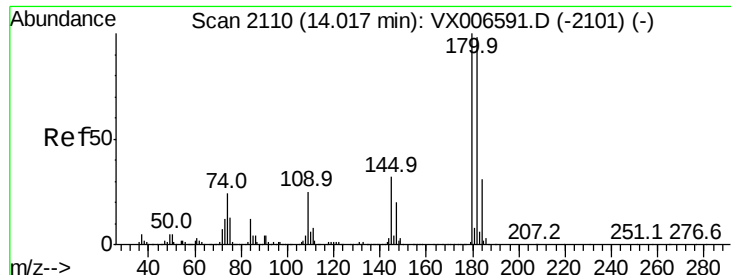
Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion:	128	Resp:	1630030
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	13.7	8.6	13.0#

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





#96
 1,2,3-Trichlorobenzene
 Concen: 51.683 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-121918MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	48.5	145.5
145	35.5	16.0	47.9

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:51 AM

