

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005720.D
 Acq On : 01 Nov 2018 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 12:33:57 PM

Quant Time: Nov 01 14:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	156952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	244808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	220527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	102694	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	5.51	113	78133	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	8.71	98	287738	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.14	95	107455	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	102377	56.464	ug/l	98
3) Chloromethane	1.33	50	105232	49.205	ug/l	100
4) Vinyl Chloride	1.41	62	108565	48.792	ug/l	99
5) Bromomethane	1.64	94	130099	47.121	ug/l	99
6) Chloroethane	1.71	64	66358	46.536	ug/l	97
7) Trichlorofluoromethane	1.93	101	149301	52.276	ug/l	94
8) Diethyl Ether	2.19	74	62423	48.626	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86044	49.599	ug/l	93
10) Methyl Iodide	2.51	142	89550	52.915	ug/l	100
11) Tert butyl alcohol	3.07	59	147262	236.312	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79914	47.273	ug/l	93
13) Acrolein	2.30	56	107059	240.594	ug/l	97
14) Allyl chloride	2.73	41	158395	45.314	ug/l	# 90
15) Acrylonitrile	3.15	53	317605	231.772	ug/l	98
16) Acetone	2.45	43	285120	241.326	ug/l	90
17) Carbon Disulfide	2.57	76	246281	47.411	ug/l	99
18) Methyl Acetate	2.78	43	141747	43.043	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	299088	51.113	ug/l	99
20) Methylene Chloride	2.86	84	94725	47.870	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	88442	49.444	ug/l	90
22) Diisopropyl ether	3.87	45	323220	49.848	ug/l	# 96
23) Vinyl Acetate	3.82	43	1440499	255.056	ug/l	99
24) 1,1-Dichloroethane	3.70	63	177577	48.432	ug/l	99
25) 2-Butanone	4.70	43	460433	237.866	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148675	54.245	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	103700	51.593	ug/l	98
28) Bromochloromethane	5.02	49	79597	44.498	ug/l	93
29) Tetrahydrofuran	5.15	42	278640	235.842	ug/l	90
30) Chloroform	5.21	83	173324	48.351	ug/l	90
31) Cyclohexane	5.57	56	165155	53.866	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	148134	51.634	ug/l	96
36) 1,1-Dichloropropene	5.79	75	135141	51.813	ug/l	99
37) Ethyl Acetate	4.85	43	166347	49.991	ug/l	98
38) Carbon Tetrachloride	5.78	117	125439	53.232	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005720.D
 Acq On : 01 Nov 2018 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 12:33:57 PM

Quant Time: Nov 01 14:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160208	58.896	ug/l	89
40) Benzene	6.15	78	404403	52.117	ug/l	97
41) Methacrylonitrile	5.06	41	89554	49.809	ug/l	95
42) 1,2-Dichloroethane	6.20	62	140435	48.964	ug/l	99
43) Isopropyl Acetate	6.46	43	247166	51.176	ug/l	95
44) Trichloroethene	7.21	130	91941	51.231	ug/l	89
45) 1,2-Dichloropropane	7.52	63	104330	52.467	ug/l	100
46) Dibromomethane	7.66	93	64959	51.116	ug/l	89
47) Bromodichloromethane	7.90	83	124707	52.316	ug/l	99
48) Methyl methacrylate	7.77	41	127773	54.661	ug/l	96
49) 1,4-Dioxane	7.75	88	54664	1050.185	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	846707	257.109	ug/l	97
52) Toluene	8.79	92	226784	54.034	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	146678	56.780	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158041	57.102	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94109	51.631	ug/l	98
56) Ethyl methacrylate	9.18	69	158536	51.178	ug/l	96
57) 1,3-Dichloropropane	9.37	76	163326	52.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	442978	251.993	ug/l	96
59) 2-Hexanone	9.50	43	680353	253.863	ug/l	95
60) Dibromochloromethane	9.59	129	94776	53.810	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97014	52.233	ug/l	99
64) Tetrachloroethene	9.34	164	84520	52.460	ug/l	96
65) Chlorobenzene	10.14	112	247279	52.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	86002	53.609	ug/l	97
67) Ethyl Benzene	10.25	91	454073	56.775	ug/l	99
68) m/p-Xylenes	10.36	106	338374	113.859	ug/l	95
69) o-Xylene	10.70	106	162028	57.005	ug/l	96
70) Styrene	10.71	104	275927	58.448	ug/l	98
71) Bromoform	10.86	173	71938	55.345	ug/l	98
73) Isopropylbenzene	11.02	105	447250	56.600	ug/l	100
74) N-amyl acetate	10.90	43	228093	54.216	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	164823	50.276	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	154553m	51.809	ug/l	
77) Bromobenzene	11.26	156	104989	53.560	ug/l	87
78) n-propylbenzene	11.36	91	549864	57.201	ug/l	97
79) 2-Chlorotoluene	11.42	91	317501	55.300	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	386843	57.656	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	51019	55.257	ug/l	96
82) 4-Chlorotoluene	11.51	91	381914	55.718	ug/l	97
83) tert-Butylbenzene	11.77	119	370856	57.930	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	394976	58.297	ug/l	98
85) sec-Butylbenzene	11.94	105	472414	57.527	ug/l	97
86) p-Isopropyltoluene	12.07	119	410924	58.836	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	202708	53.482	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	209267	51.395	ug/l	98
89) n-Butylbenzene	12.39	91	409940	58.175	ug/l	98
90) Hexachloroethane	12.60	117	68473	55.260	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	206617	52.180	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39636	51.548	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
Data File : VX005720.D
Acq On : 01 Nov 2018 10:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

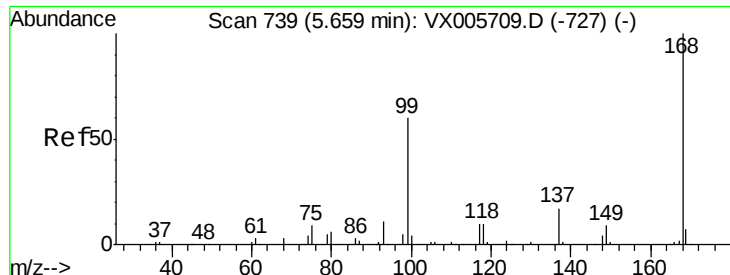
Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM

Quant Time: Nov 01 14:44:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146165	57.553	ug/l	98
94) Hexachlorobutadiene	13.79	225	67196	54.693	ug/l	99
95) Naphthalene	13.83	128	486016	58.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	144432	55.863	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 156952

Ion Ratio Lower Upper

168 100

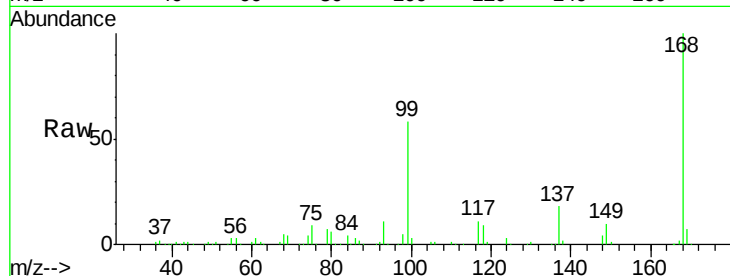
99 57.5 40.7 61.1

Manual Integrations

APPROVED

MMDadoda

11/2/2018 12:33:57 PM

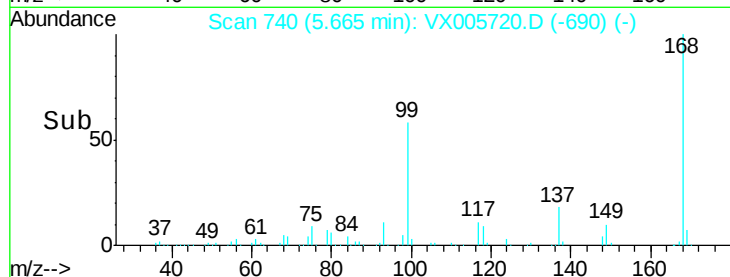


Abundance Ion 167.90 (167.60 to 168.60): V

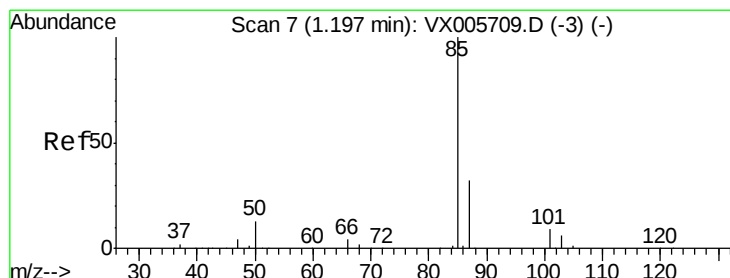
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 56.464 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX005720.D

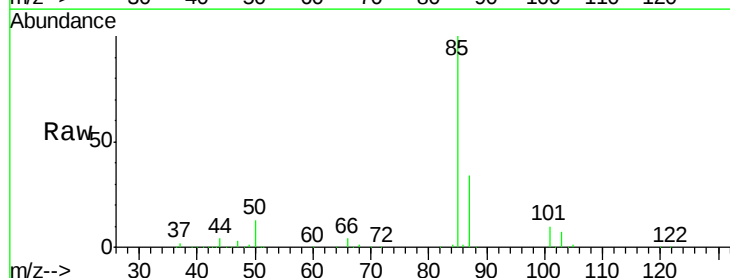
Acq: 01 Nov 2018 10:44

Tgt Ion: 85 Resp: 102377

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.9

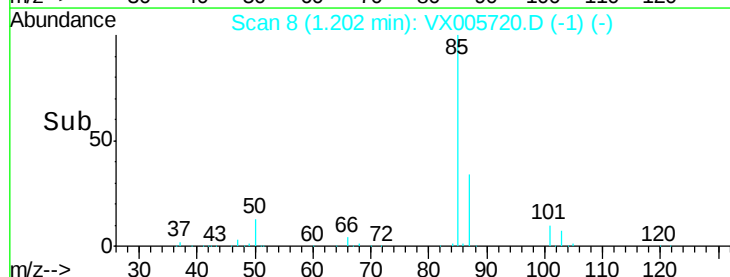


Abundance Ion 84.90 (84.60 to 85.60): VX0

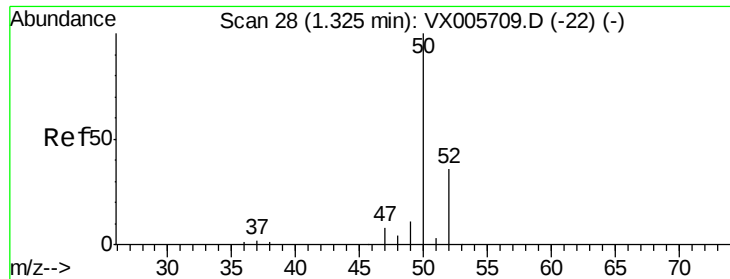
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 49.205 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 105232

Ion Ratio Lower Upper

50 100

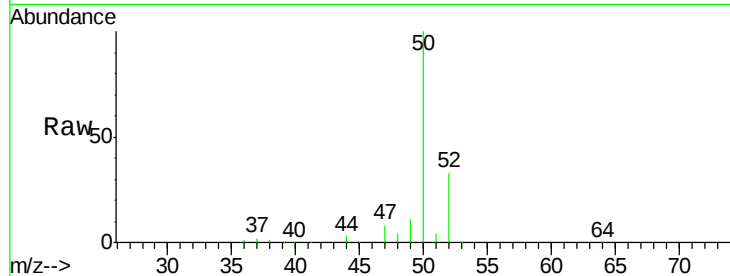
52 32.6 26.2 39.2

Manual Integrations

APPROVED

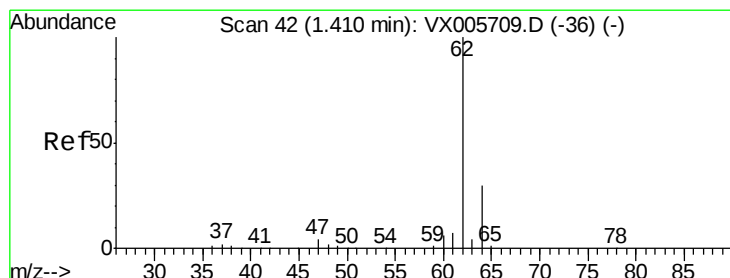
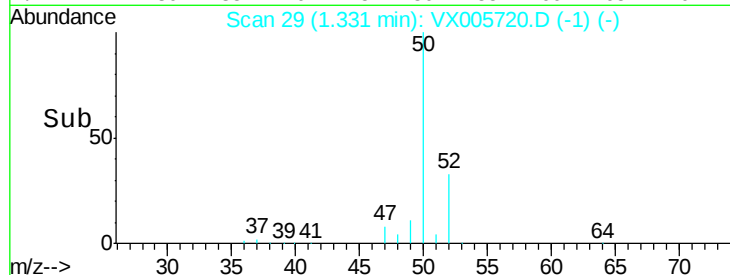
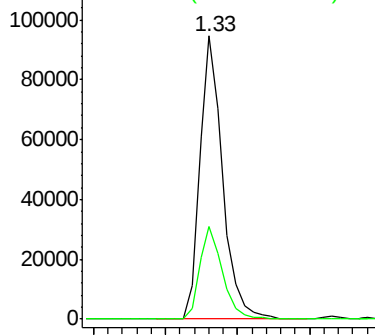
MMDadoda

11/2/2018 12:33:57 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.792 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX005720.D

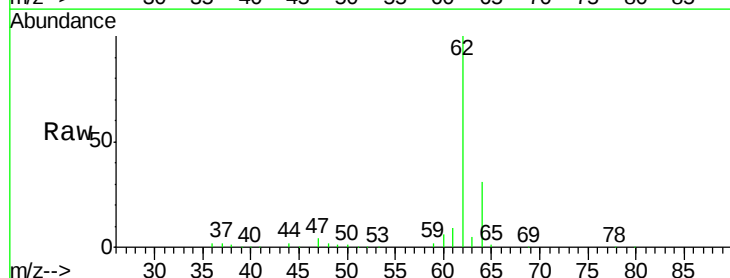
Acq: 01 Nov 2018 10:44

Tgt Ion: 62 Resp: 108565

Ion Ratio Lower Upper

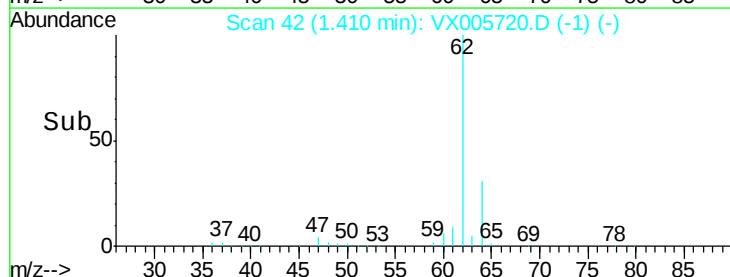
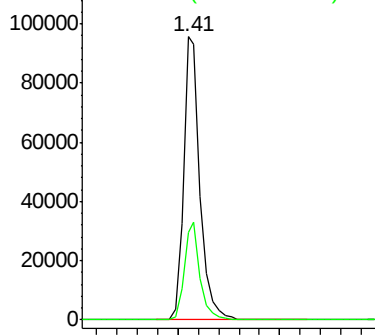
62 100

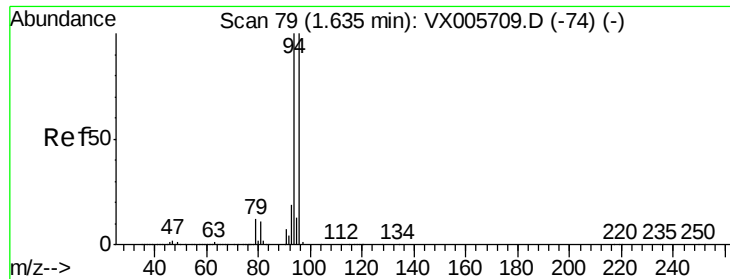
64 30.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.121 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 94 Resp: 130099

Ion Ratio Lower Upper

94 100

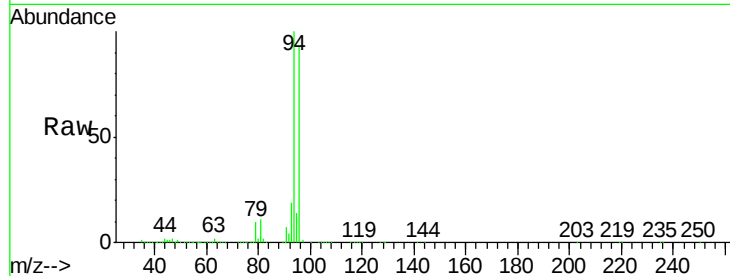
96 93.3 75.2 112.8

Manual Integrations

APPROVED

MMDadoda

11/2/2018 12:33:57 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

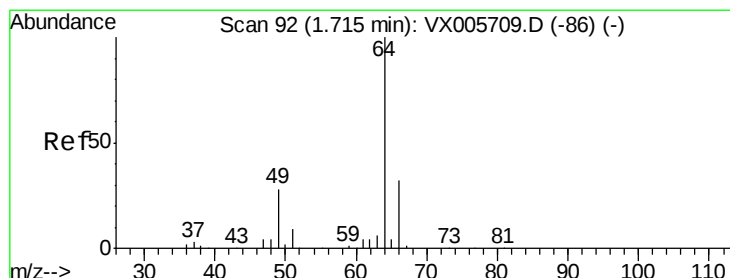
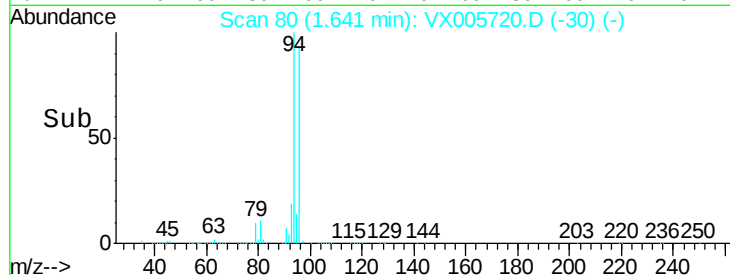
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 46.536 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005720.D

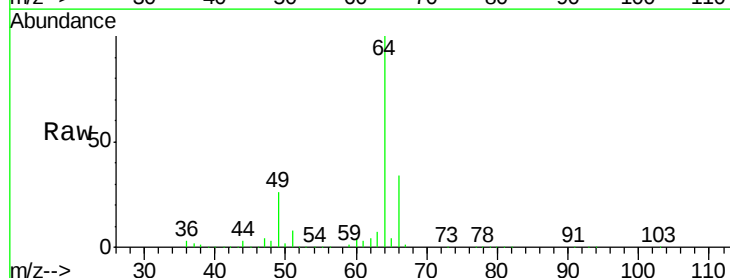
Acq: 01 Nov 2018 10:44

Tgt Ion: 64 Resp: 66358

Ion Ratio Lower Upper

64 100

66 33.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

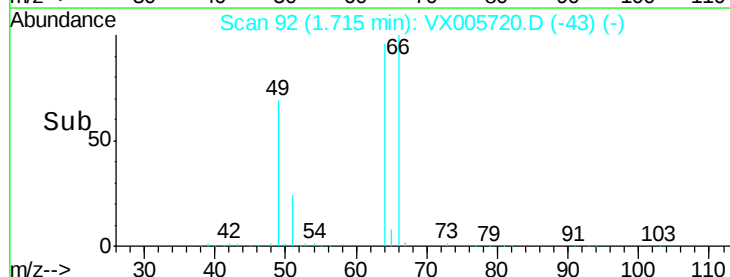
30000

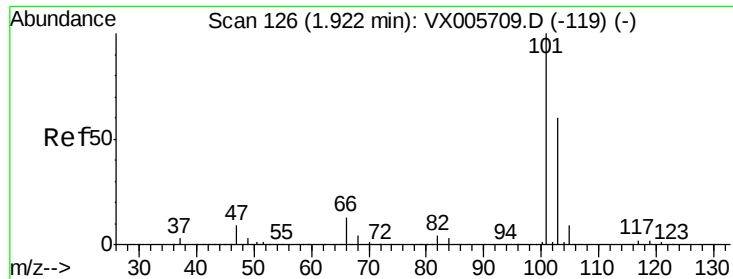
20000

10000

0

Time-->





#7

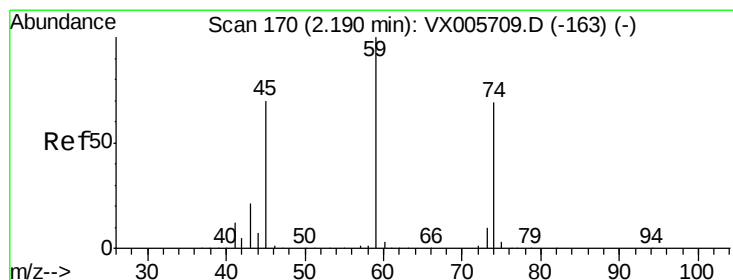
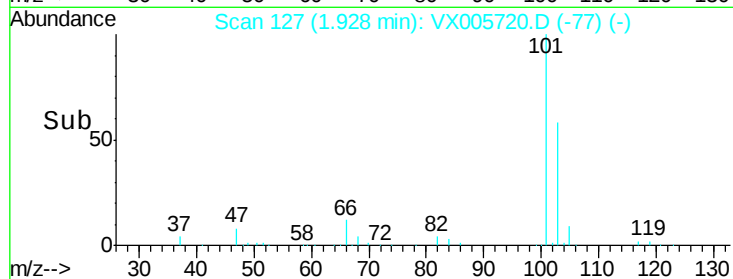
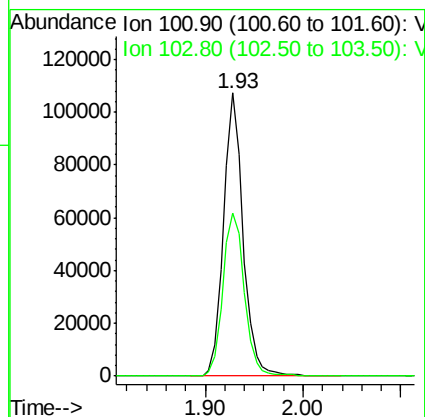
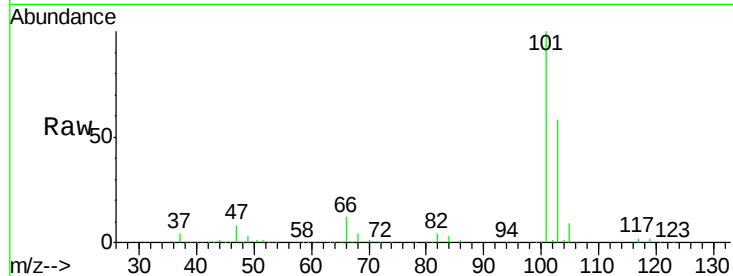
Trichlorofluoromethane
 Concen: 52.276 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	57.6	50.0	75.0

Manual Integrations
 APPROVED

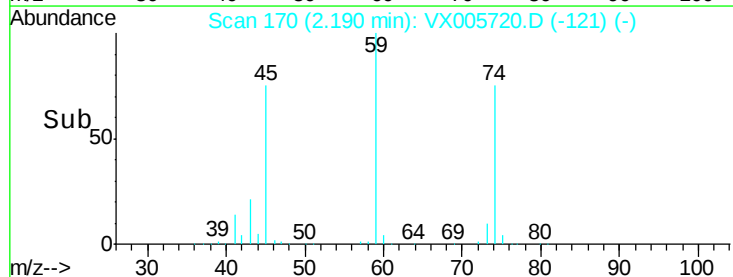
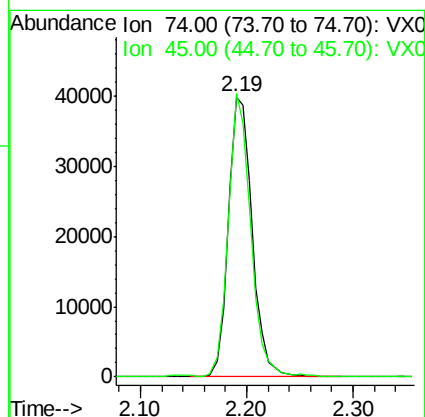
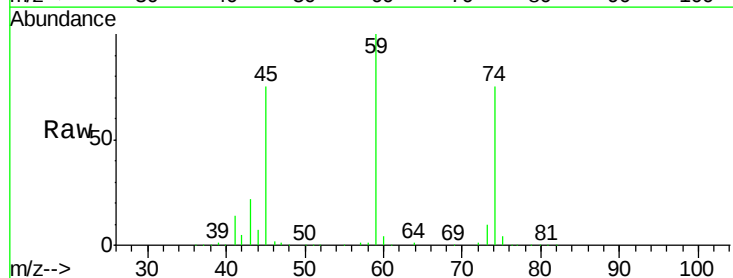
MMDadoda
 11/2/2018 12:33:57 PM

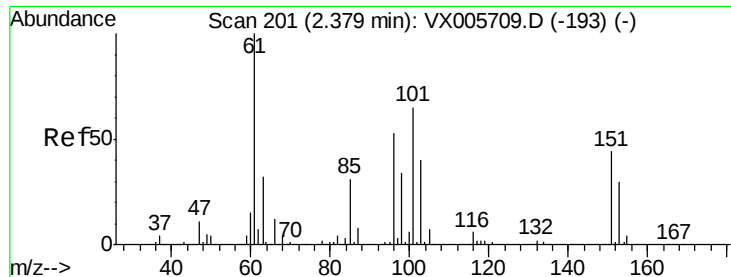


#8

Diethyl Ether
 Concen: 48.626 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.599 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

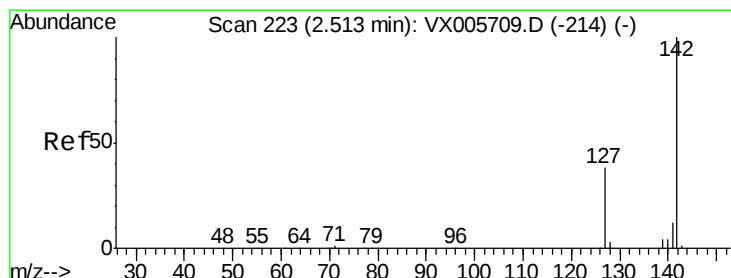
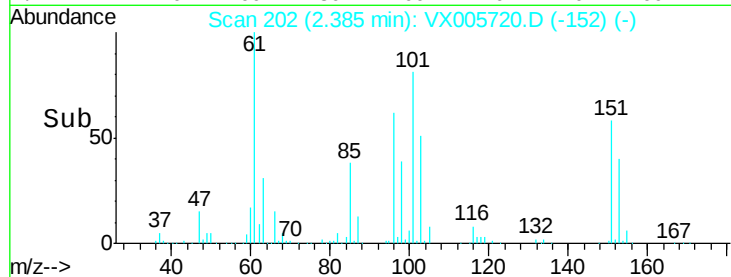
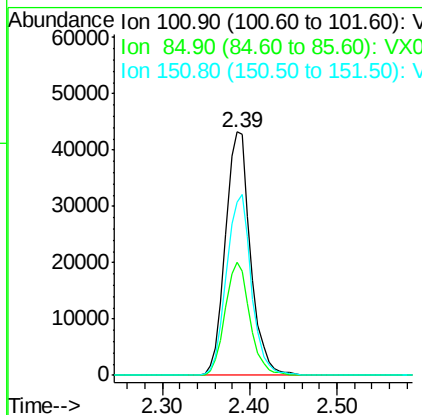
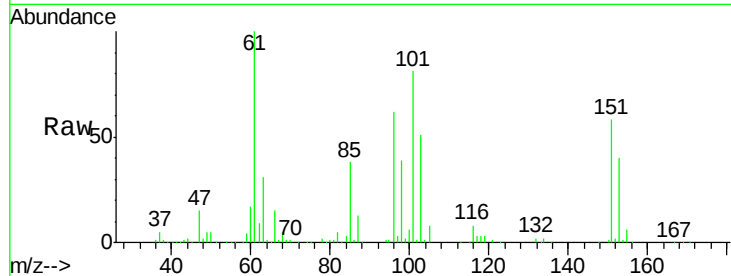
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	86044
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.0	52.4
151	74.3	66.2	99.2

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#10

Methyl Iodide

Concen: 52.915 ug/l

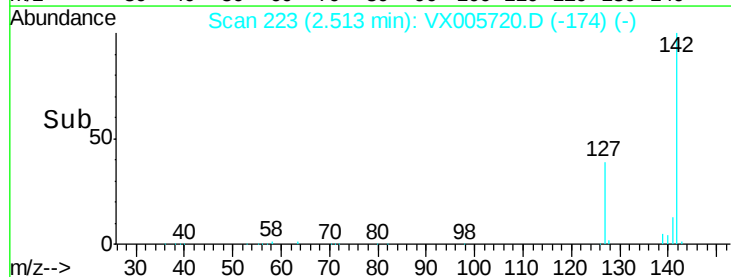
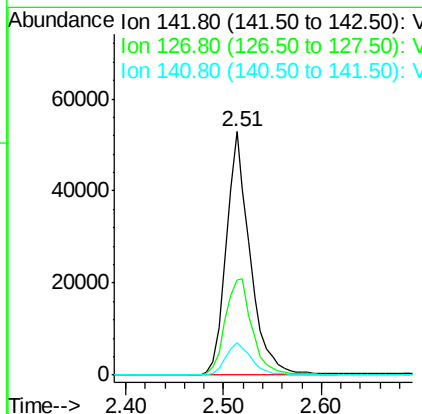
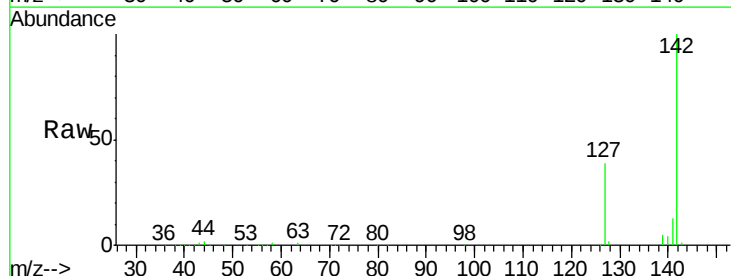
RT: 2.51 min Scan# 223

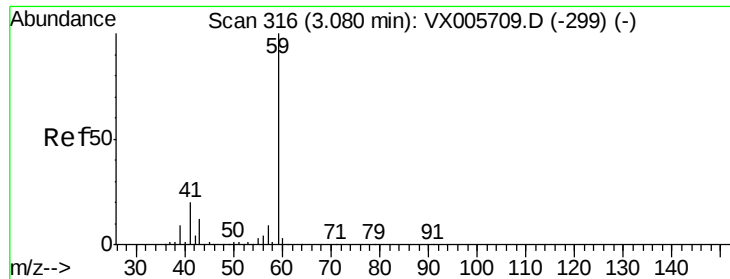
Delta R.T. 0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Tgt Ion:	142	Resp:	89550
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.0	54.0
141	14.4	11.7	17.5





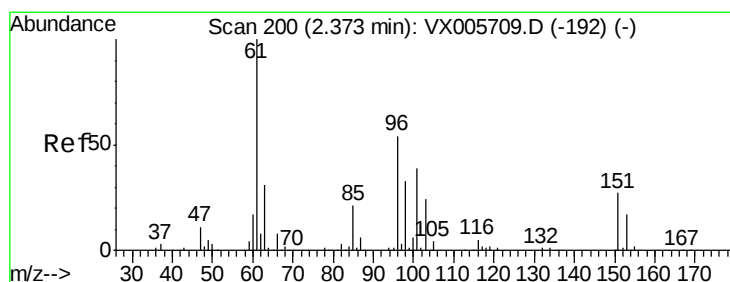
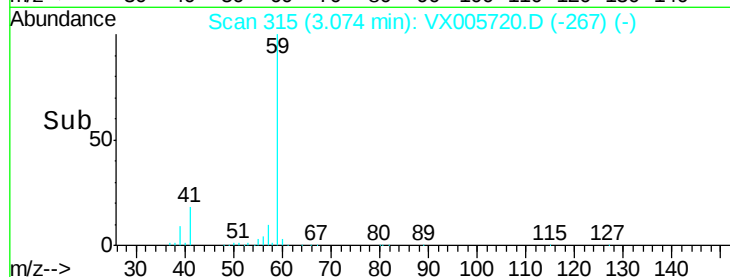
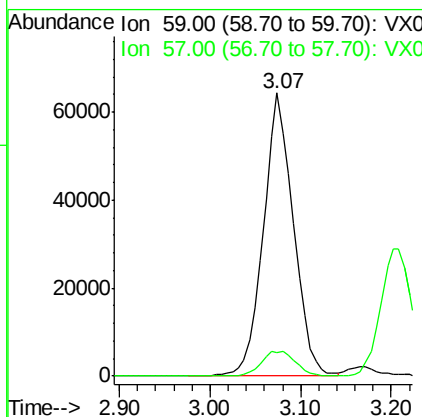
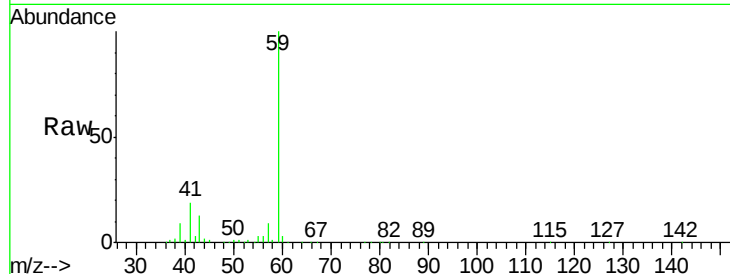
#11
Tert butyl alcohol
Concen: 236.312 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 147262
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

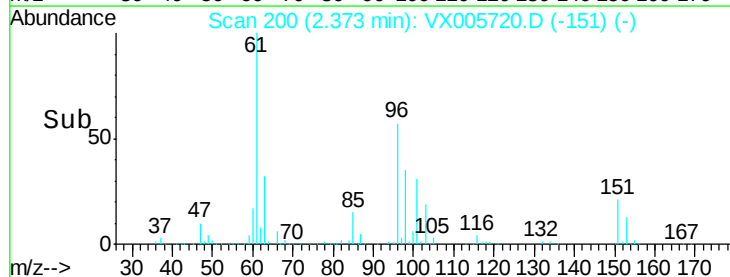
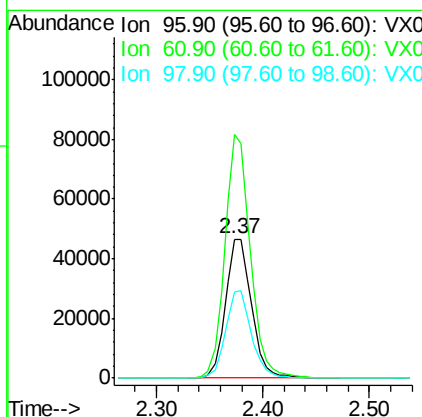
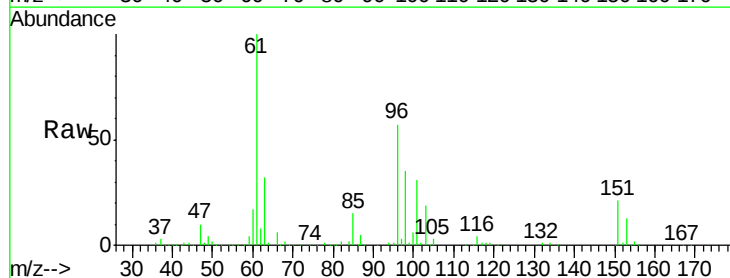
Manual Integrations
APPROVED

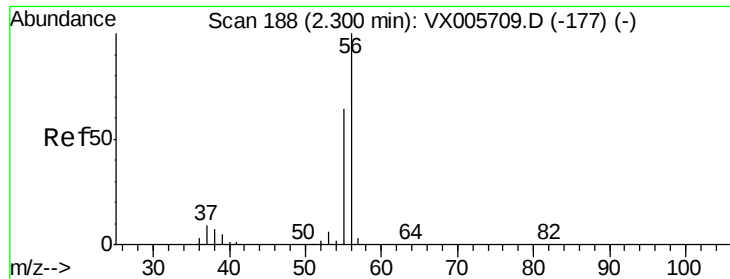
MMDadoda
11/2/2018 12:33:57 PM



#12
1,1-Dichloroethene
Concen: 47.273 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion: 96 Resp: 79914
Ion Ratio Lower Upper
96 100
61 174.9 131.8 197.8
98 61.9 53.4 80.2





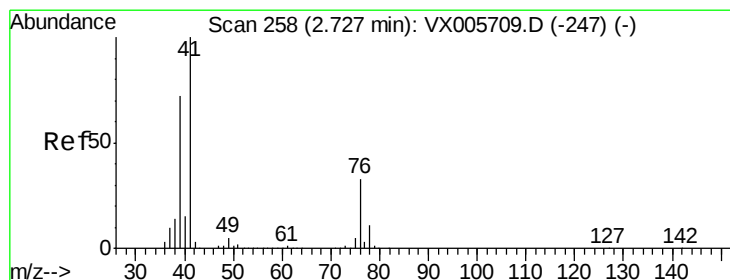
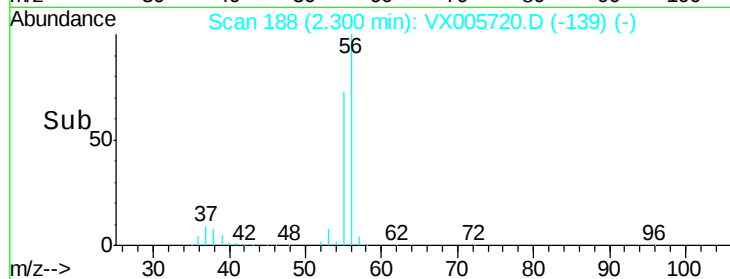
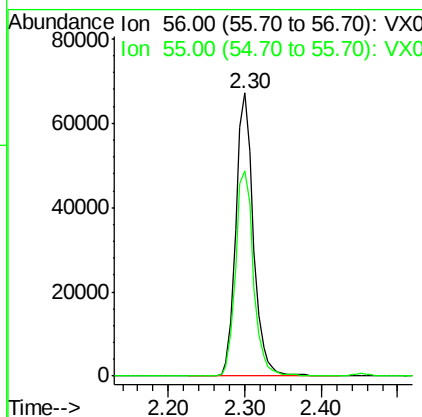
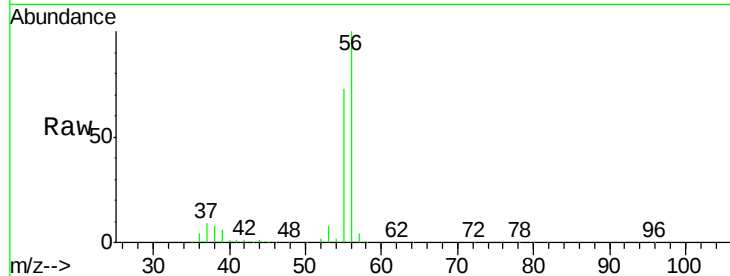
#13
Acrolein
Concen: 240.594 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 107059
Ion Ratio Lower Upper
56 100
55 74.2 57.3 85.9

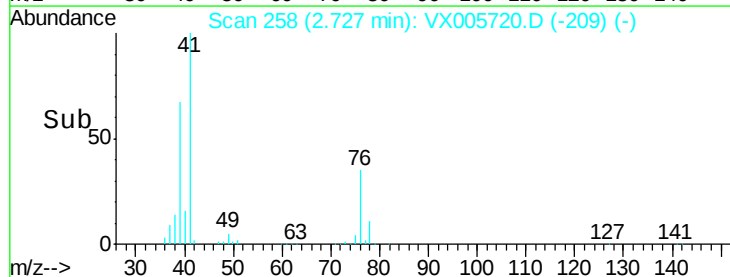
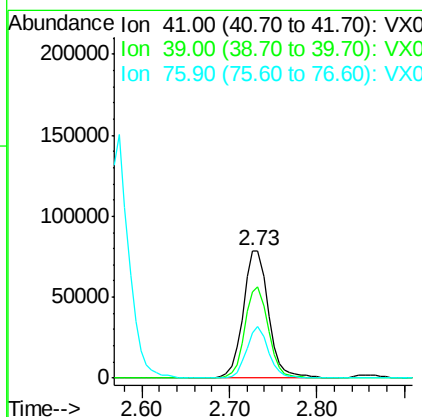
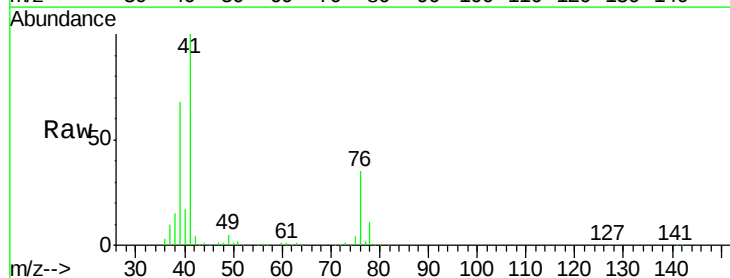
Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#14
Allyl chloride
Concen: 45.314 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion: 41 Resp: 158395
Ion Ratio Lower Upper
41 100
39 66.5 48.2 72.4
76 34.5 21.9 32.9#





#15

Acrylonitrile

Concen: 231.772 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

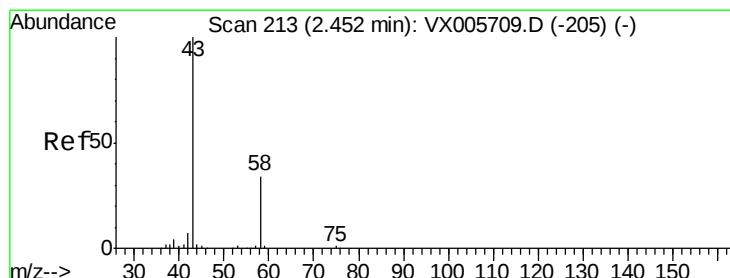
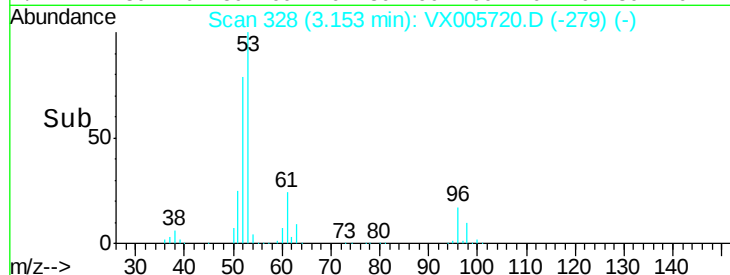
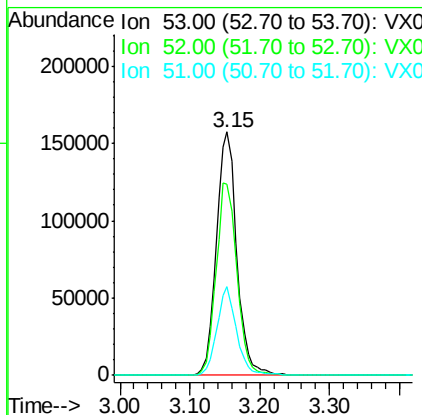
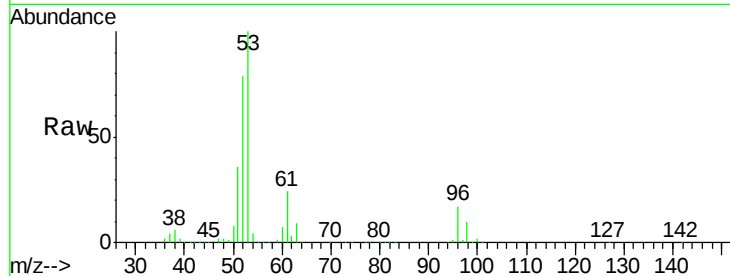
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	317605
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.6	99.8
51	34.8	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#16

Acetone

Concen: 241.326 ug/l

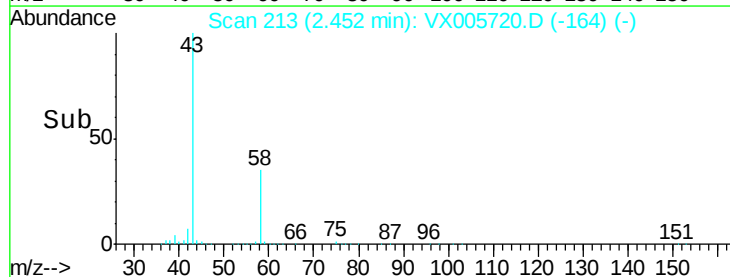
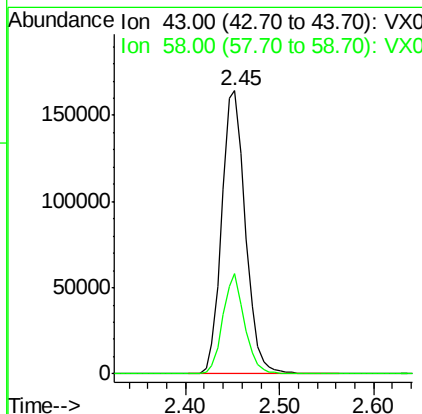
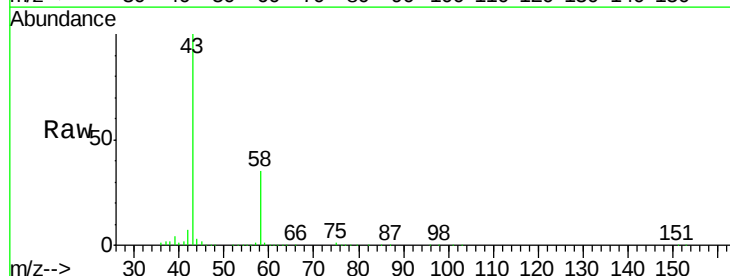
RT: 2.45 min Scan# 213

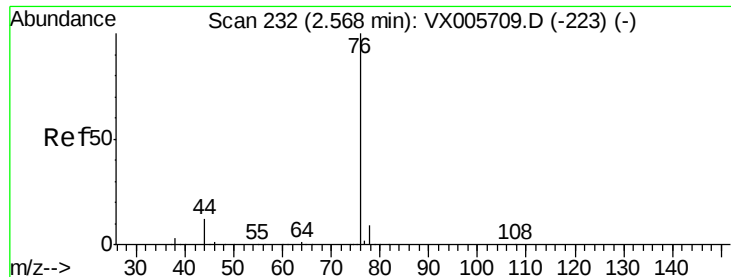
Delta R.T. 0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Tgt Ion:	43	Resp:	285120
Ion	Ratio	Lower	Upper
43	100		
58	35.3	23.8	35.6





#17

Carbon Disulfide

Concen: 47.411 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 246281

Ion Ratio Lower Upper

76 100

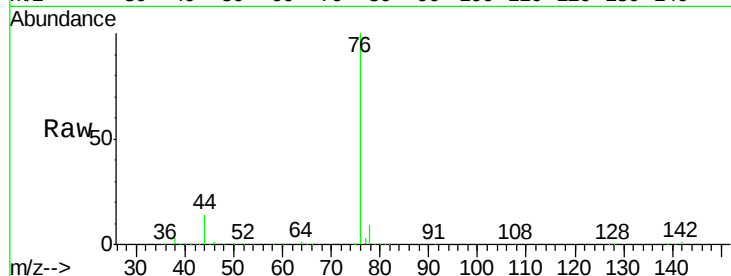
78 8.8 7.3 10.9

Manual Integrations

APPROVED

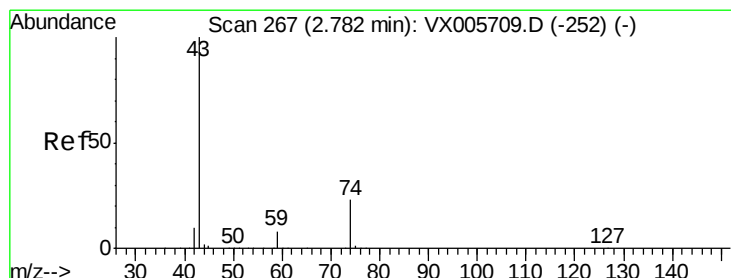
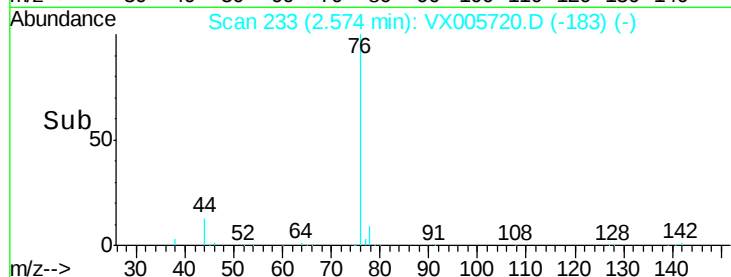
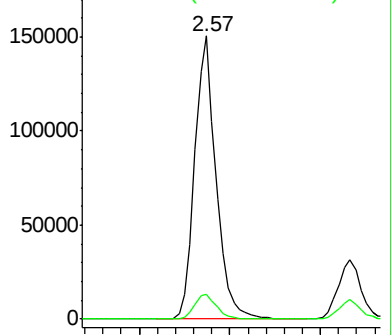
MMDadoda

11/2/2018 12:33:57 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.043 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005720.D

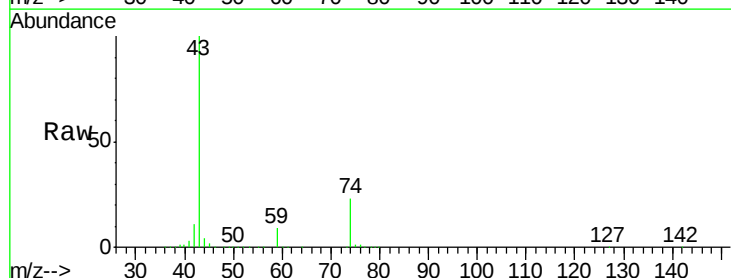
Acq: 01 Nov 2018 10:44

Tgt Ion: 43 Resp: 141747

Ion Ratio Lower Upper

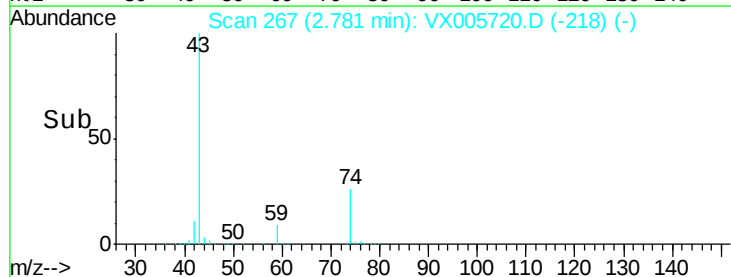
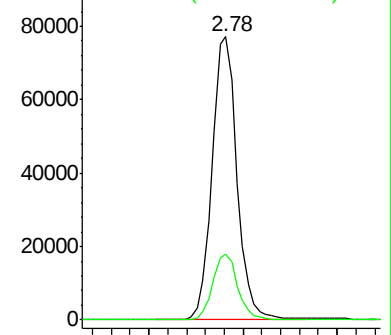
43 100

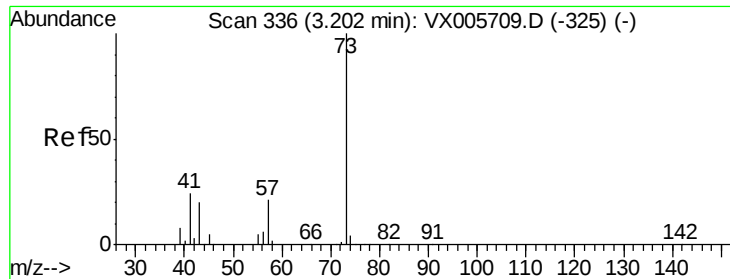
74 23.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





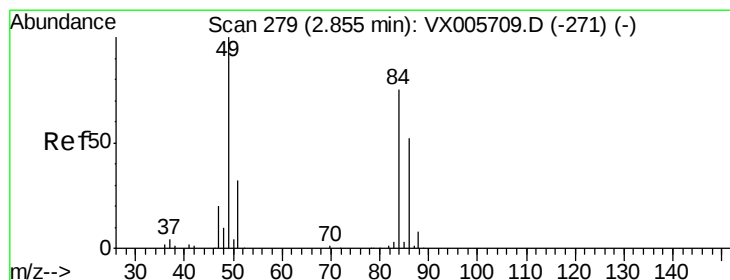
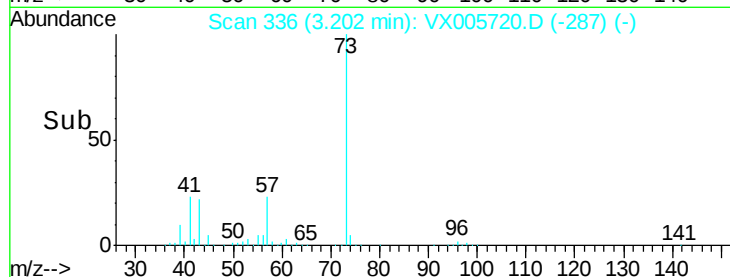
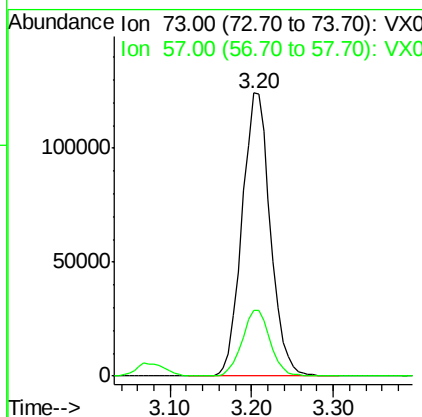
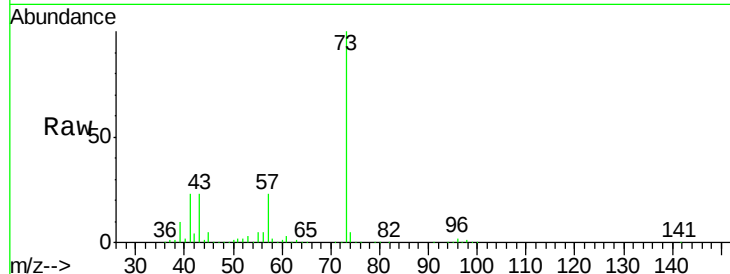
#19
Methyl tert-butyl Ether
Concen: 51.113 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 299088
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2

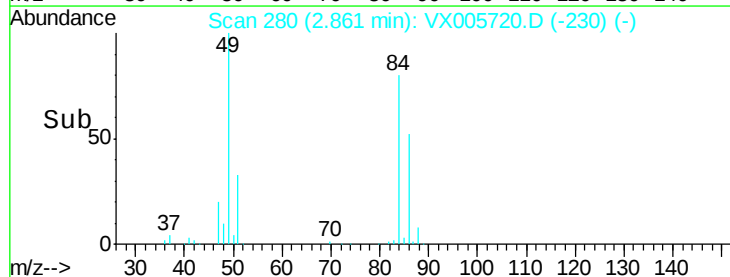
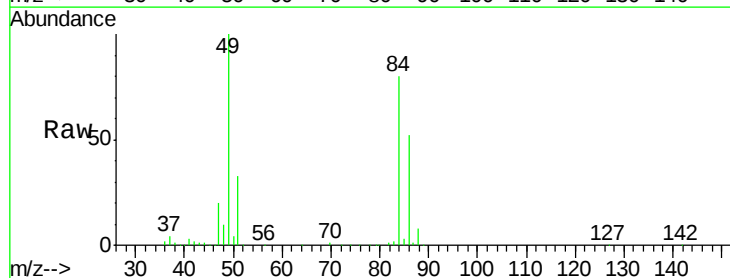
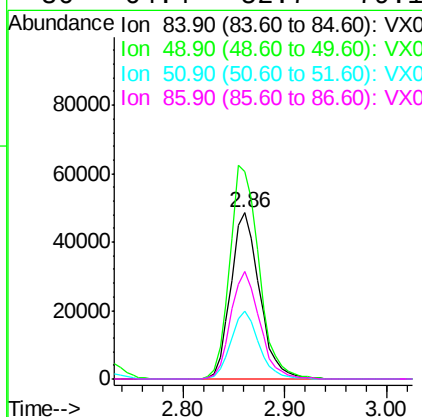
Manual Integrations
APPROVED

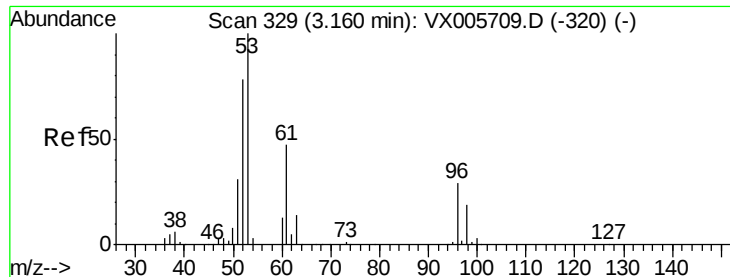
MMDadoda
11/2/2018 12:33:57 PM



#20
Methylene Chloride
Concen: 47.870 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion: 84 Resp: 94725
Ion Ratio Lower Upper
84 100
49 124.9 109.5 164.3
51 40.8 33.3 49.9
86 64.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.444 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 88442

Ion Ratio Lower Upper

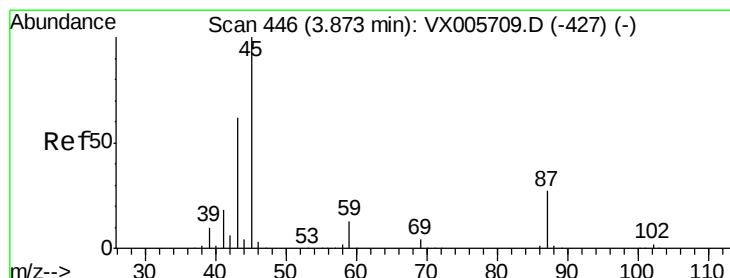
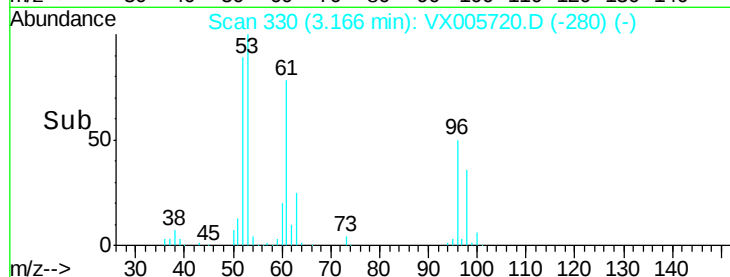
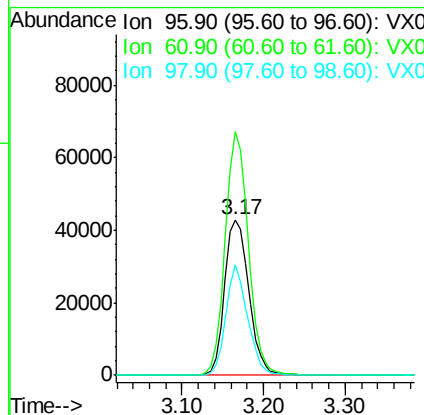
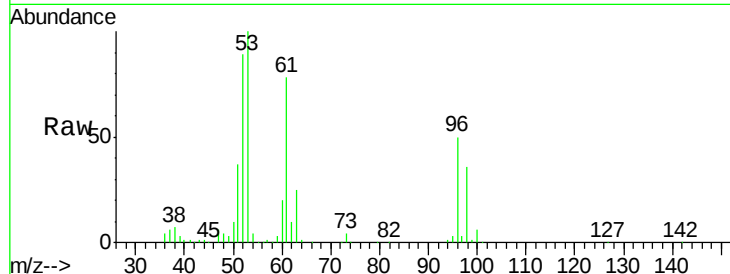
96 100

61 156.4 115.6 173.4

98 71.0 50.2 75.2

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#22

Diisopropyl ether

Concen: 49.848 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Tgt Ion: 45 Resp: 323220

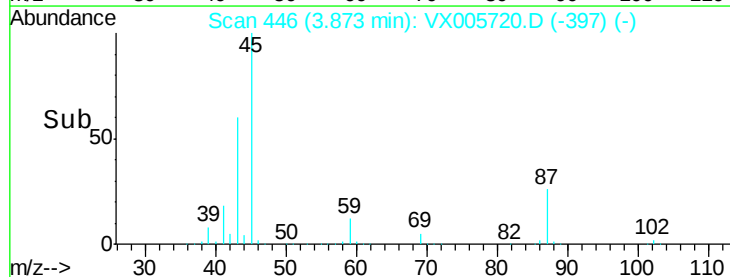
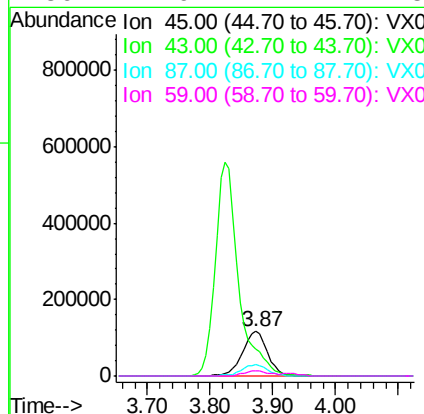
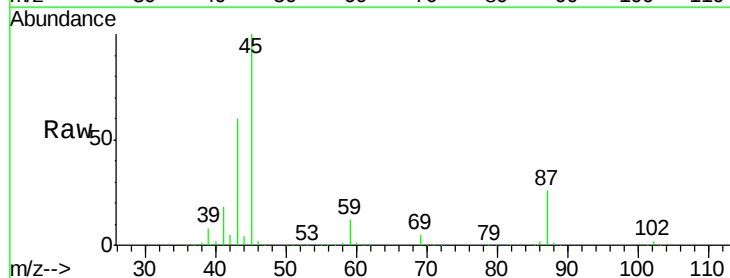
Ion Ratio Lower Upper

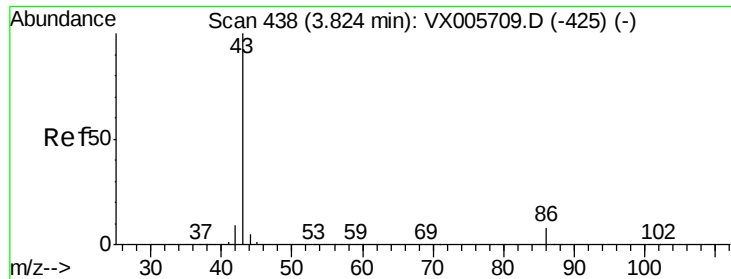
45 100

43 59.4 47.4 71.2

87 26.5 15.9 23.9#

59 11.9 7.7 11.5#





#23

Vinyl Acetate

Concen: 255.056 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1440499

Ion Ratio Lower Upper

43 100

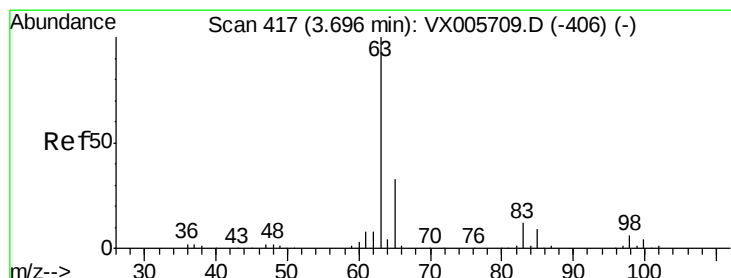
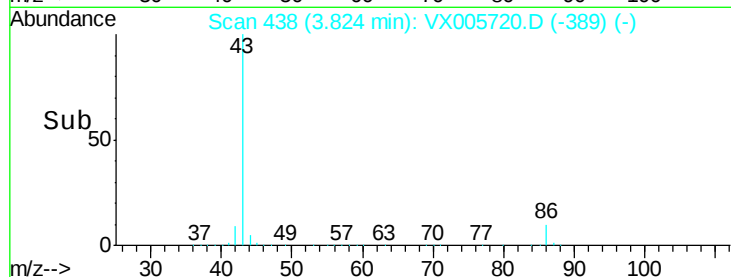
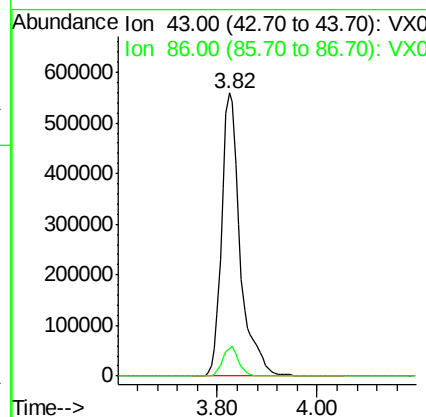
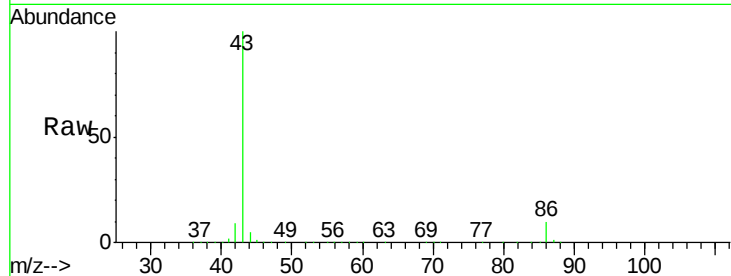
86 9.7 7.4 11.2

Manual Integrations

APPROVED

MMDadoda

11/2/2018 12:33:57 PM



#24

1,1-Dichloroethane

Concen: 48.432 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

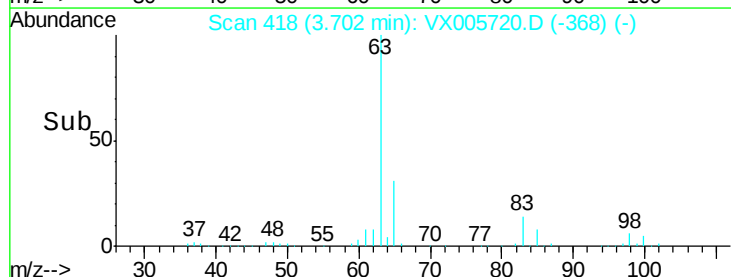
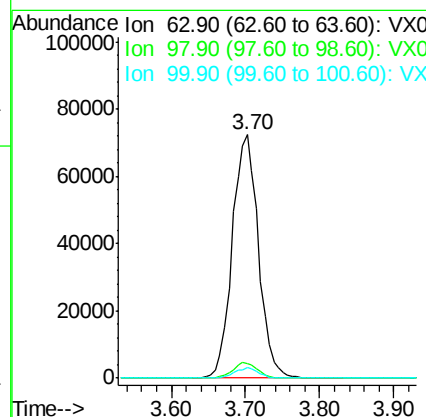
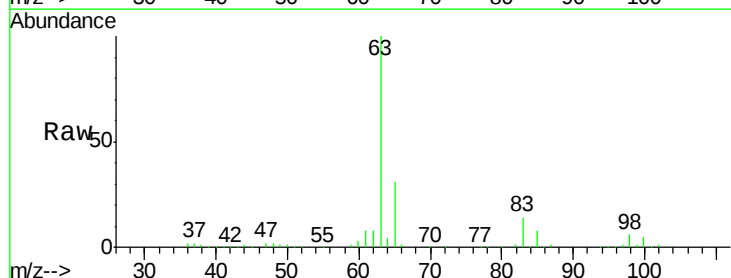
Tgt Ion: 63 Resp: 177577

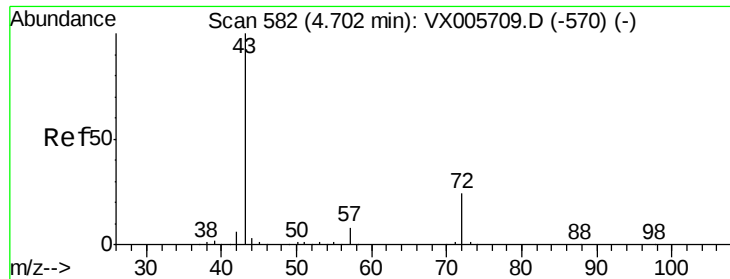
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 237.866 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 460433

Ion Ratio Lower Upper

43 100

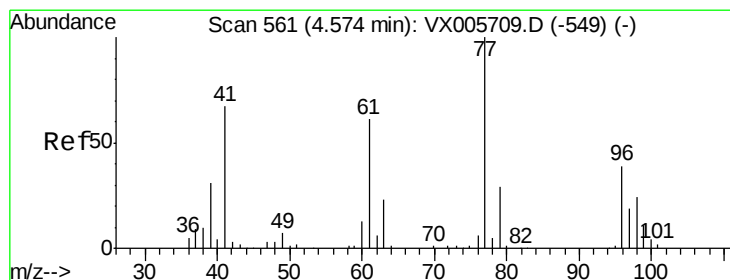
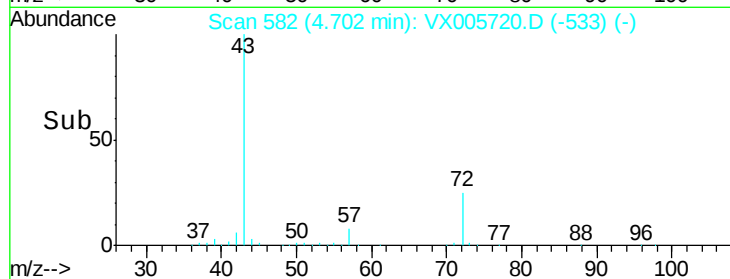
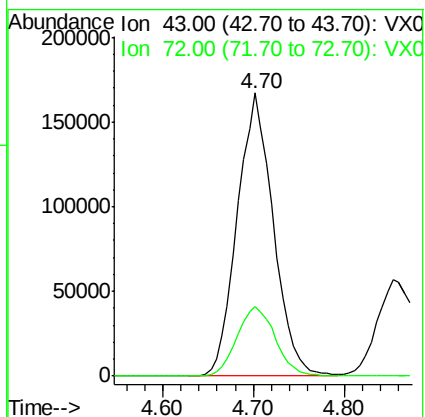
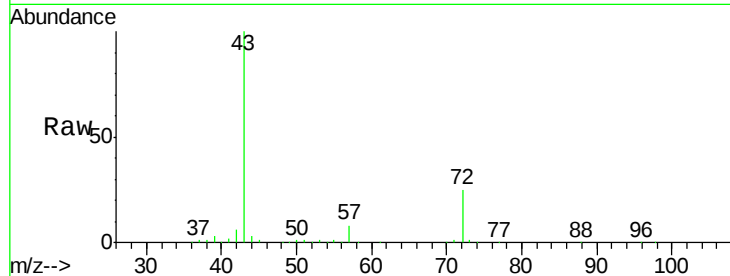
72 24.5 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/2/2018 12:33:57 PM



#26

2,2-Dichloropropane

Concen: 54.245 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005720.D

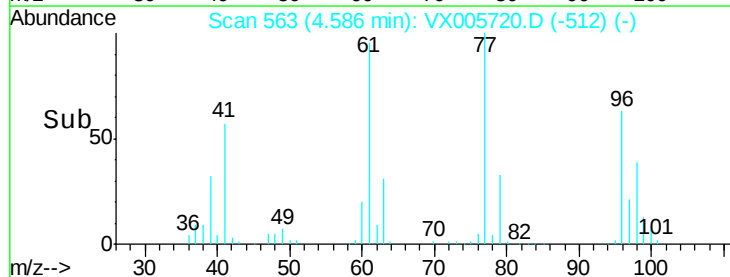
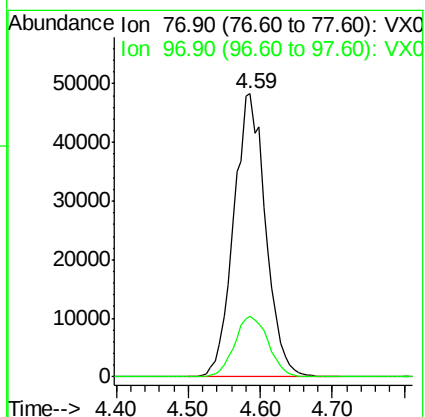
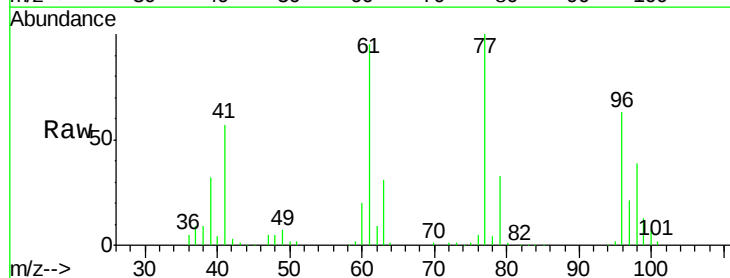
Acq: 01 Nov 2018 10:44

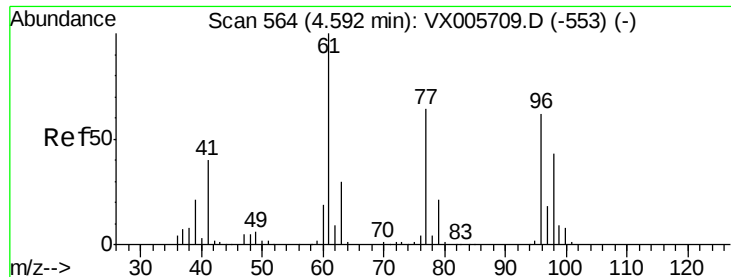
Tgt Ion: 77 Resp: 148675

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5





#27

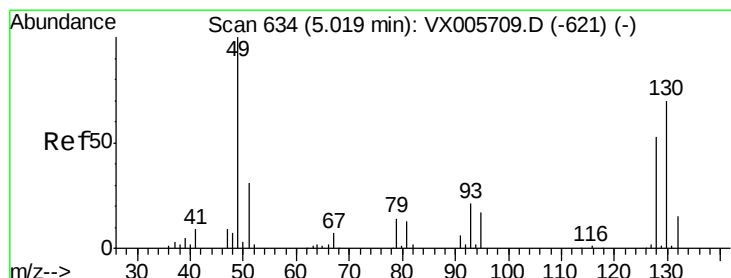
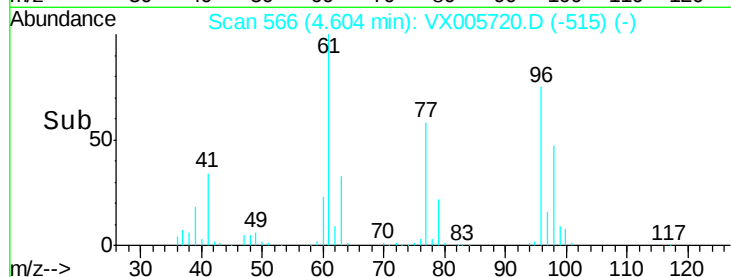
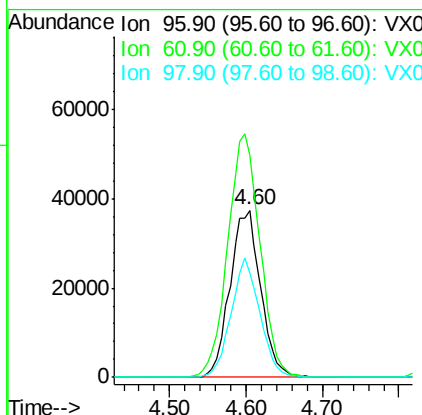
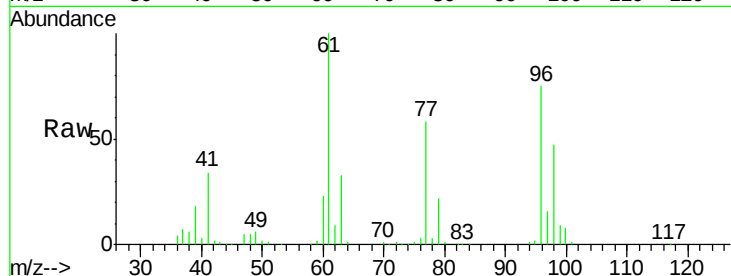
cis-1,2-Dichloroethene
Concen: 51.593 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	103700		
61	153.2	0.0	304.6	
98	66.9	0.0	127.4	

Manual Integrations
APPROVED

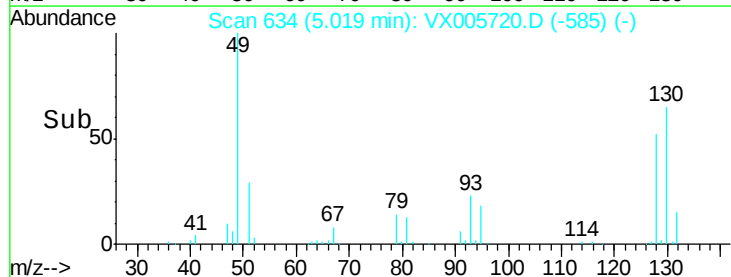
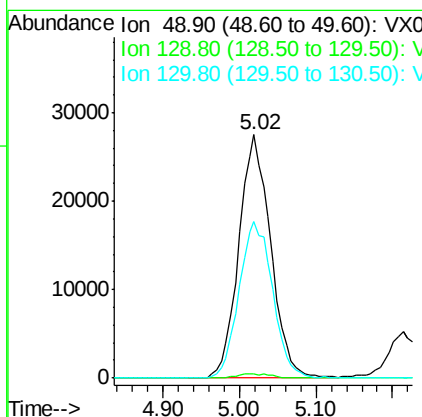
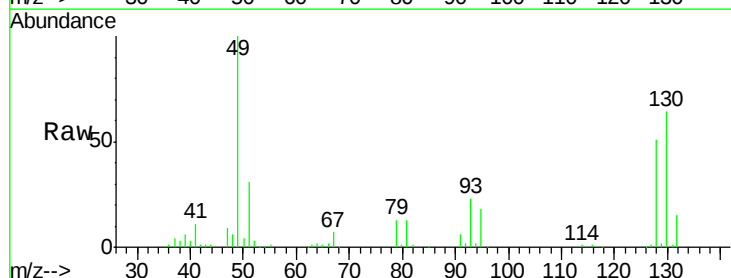
MMDadoda
11/2/2018 12:33:57 PM

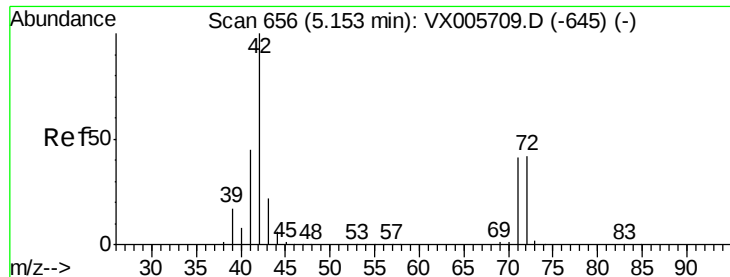


#28

Bromochloromethane
Concen: 44.498 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79597		
129	1.9	0.0	4.0	
130	67.7	58.9	88.3	





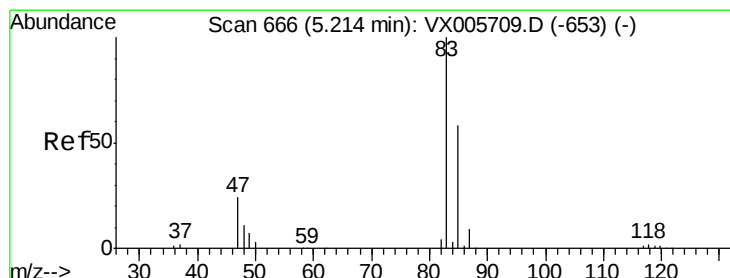
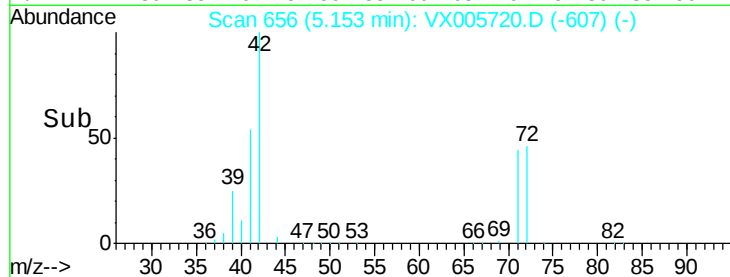
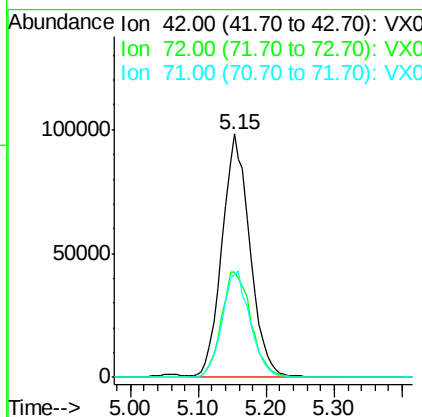
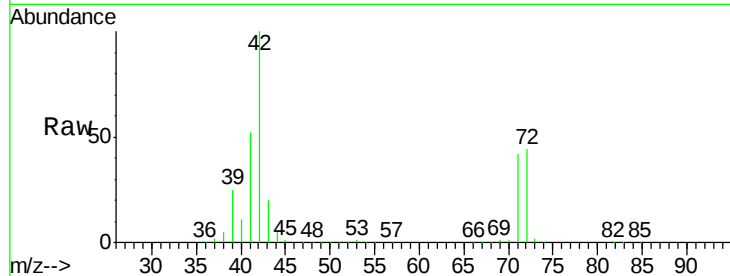
#29
Tetrahydrofuran
Concen: 235.842 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.2	32.0	48.0
71	43.7	29.8	44.8

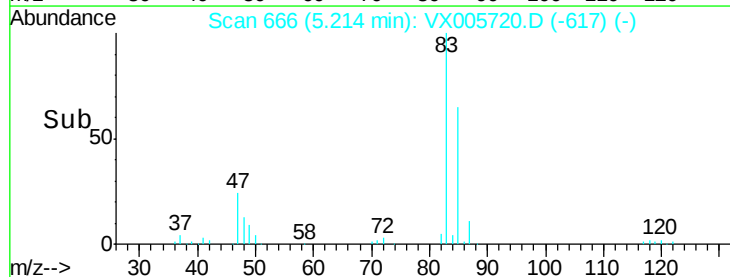
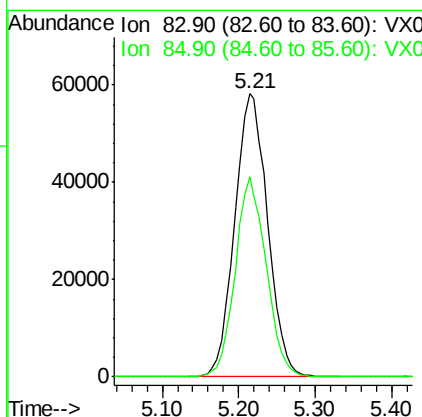
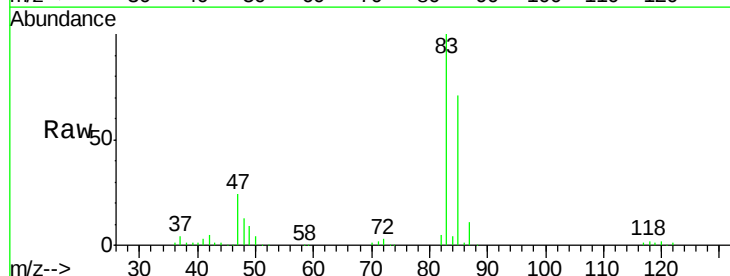
Manual Integrations
APPROVED

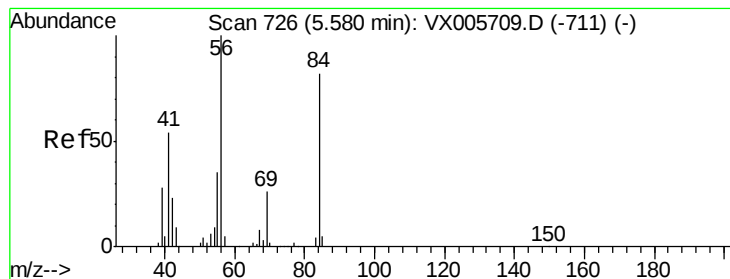
MMDadoda
11/2/2018 12:33:57 PM



#30
Chloroform
Concen: 48.351 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.8	50.6	76.0





#31

Cyclohexane

Concen: 53.866 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

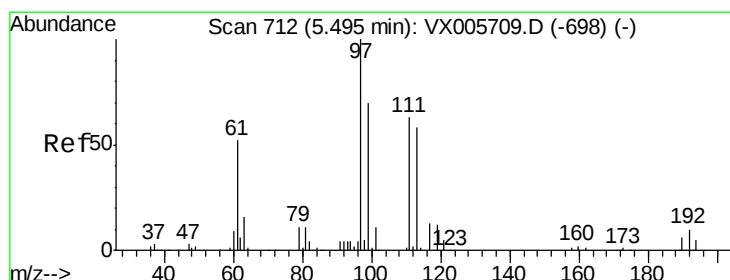
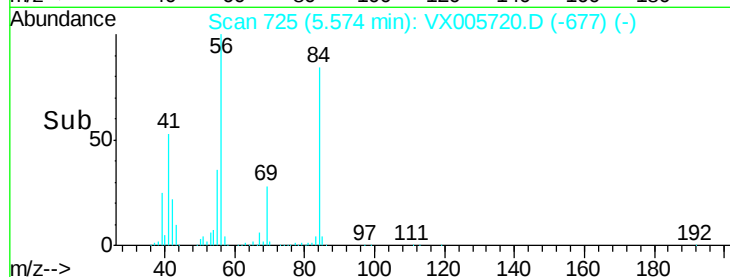
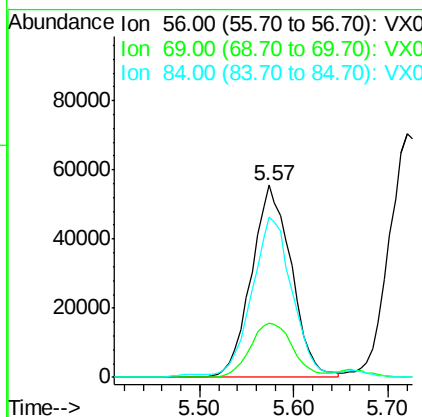
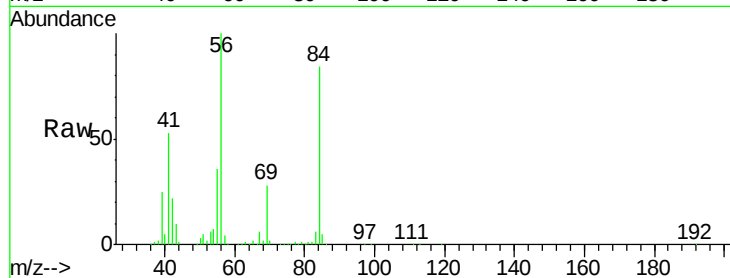
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.6	34.0
84	82.2	62.7	94.1

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#32

1,1,1-Trichloroethane

Concen: 51.634 ug/l

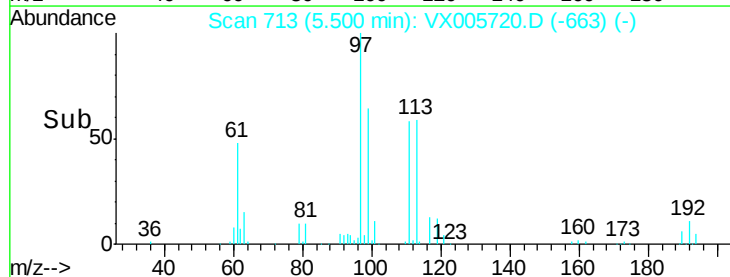
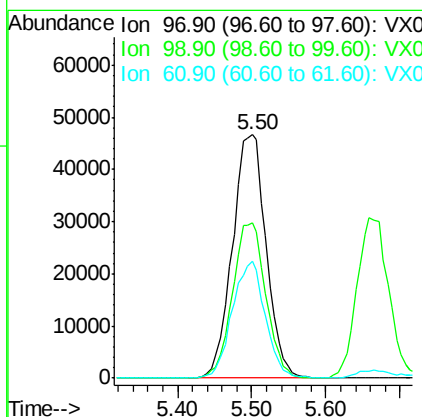
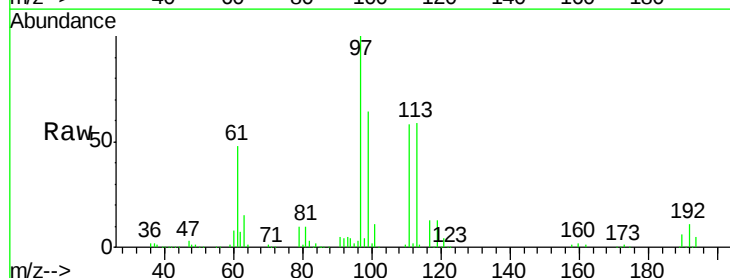
RT: 5.50 min Scan# 713

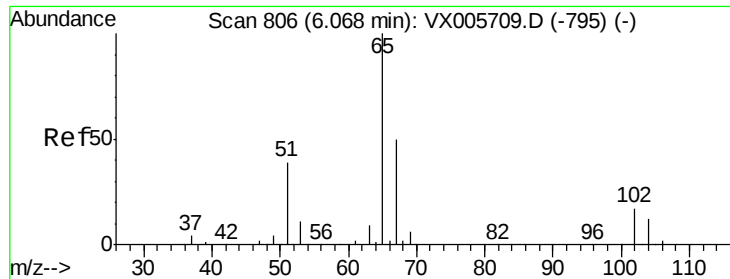
Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.3	78.5
61	47.0	35.2	52.8





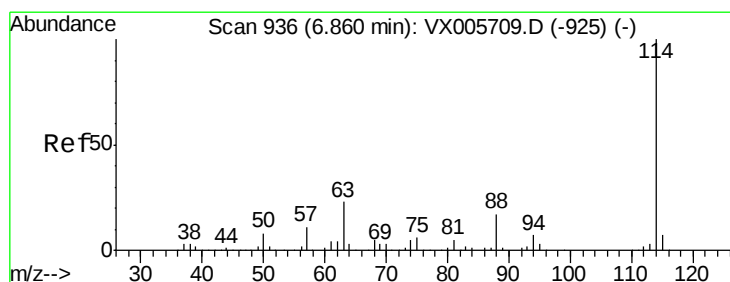
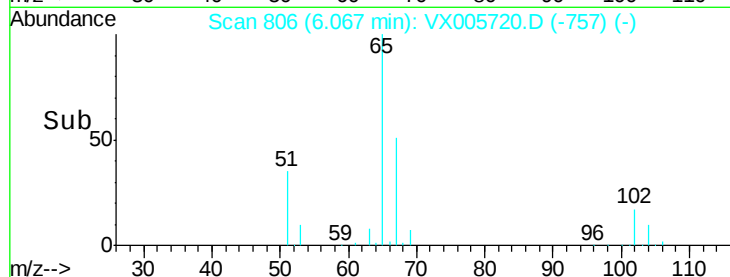
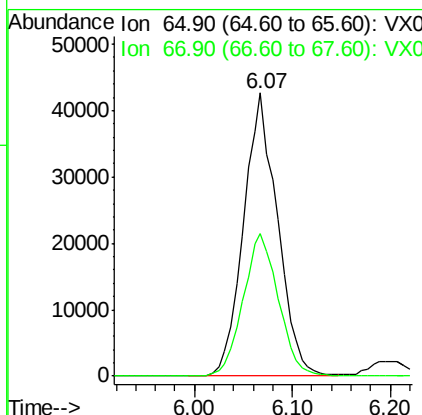
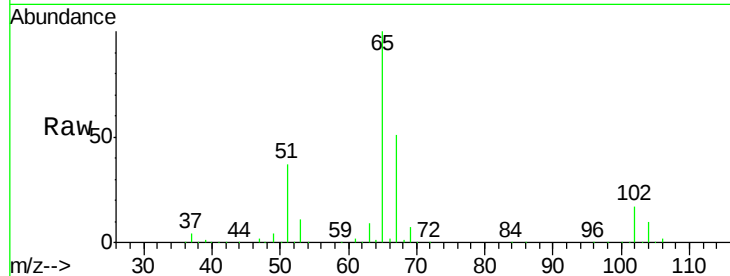
#33
 1,2-Dichloroethane-d4
 Concen: 44.753 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 102694
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0

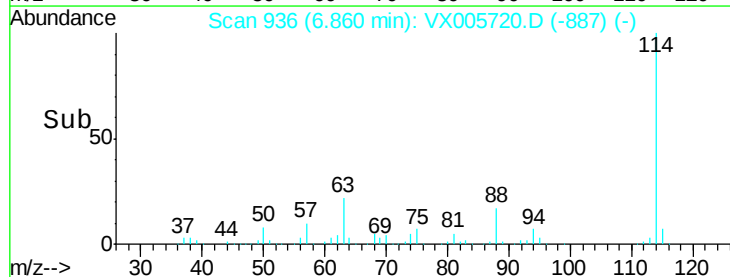
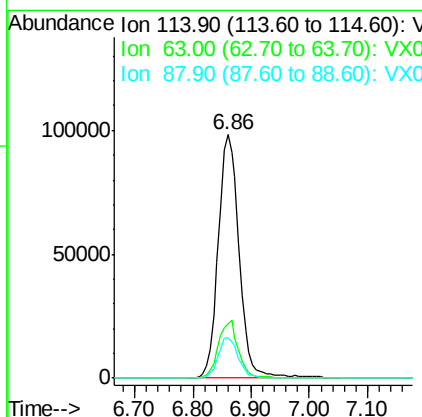
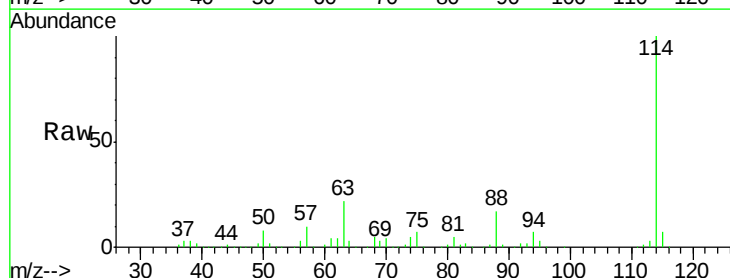
Manual Integrations
 APPROVED

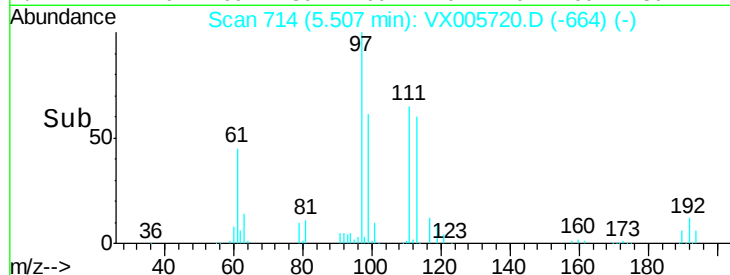
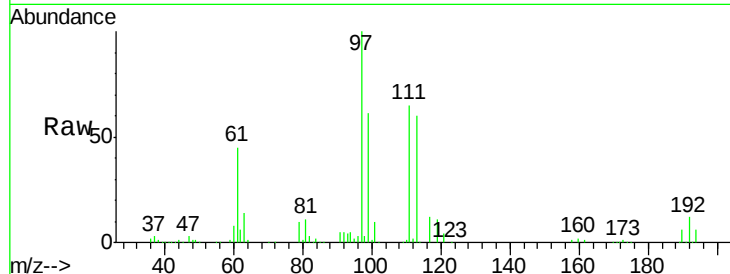
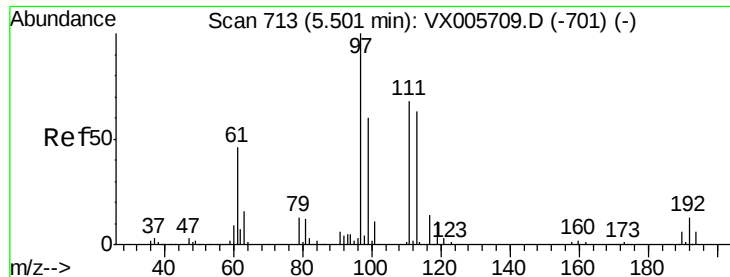
MMDadoda
 11/2/2018 12:33:57 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion: 114 Resp: 244808
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.8
 88 16.7 0.0 31.2





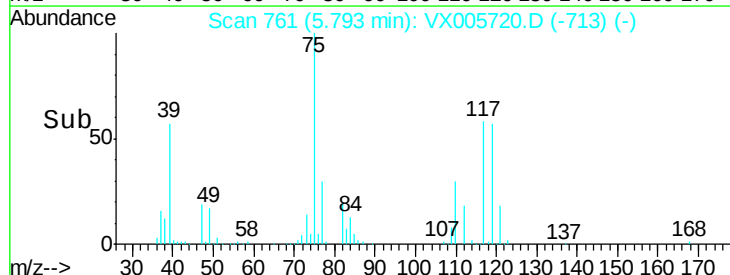
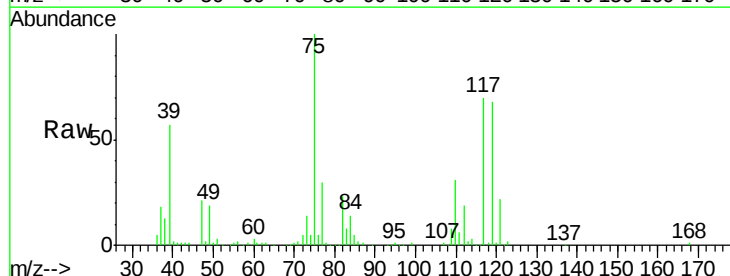
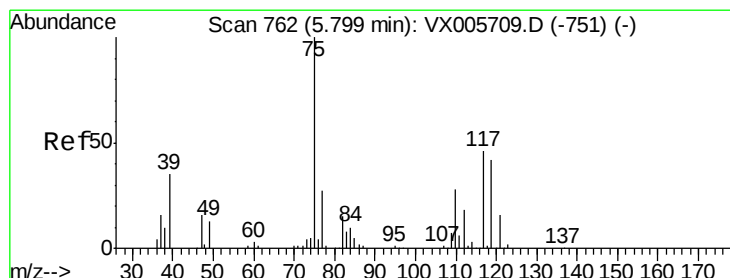
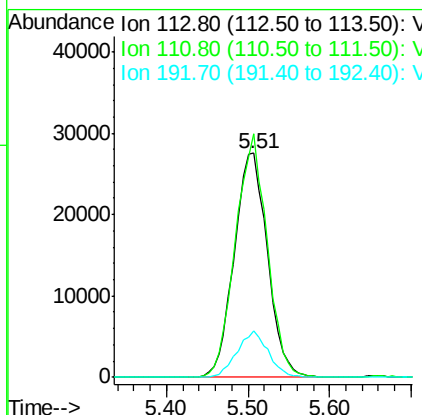
#35
Dibromofluoromethane
Concen: 46.094 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	78133		
111	103.1	82.3	123.5	
192	19.4	17.9	26.9	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

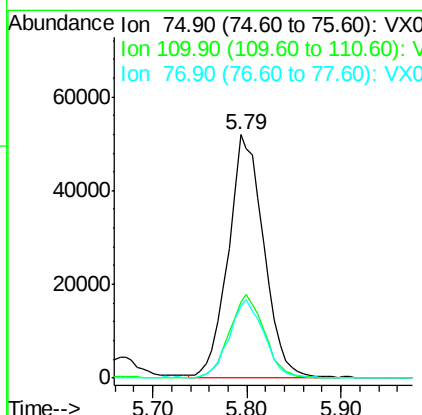
Manual Integrations
APPROVED

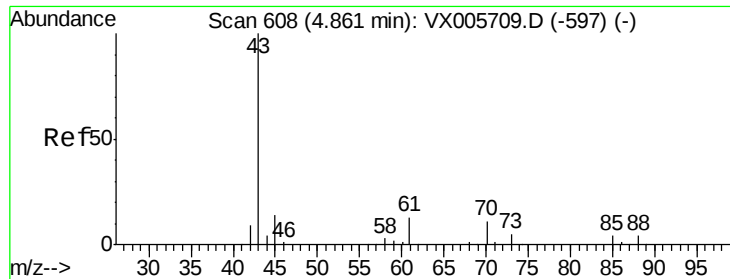
MMDadoda
11/2/2018 12:33:57 PM



#36
1,1-Dichloropropene
Concen: 51.813 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135141		
110	34.2	17.4	52.2	
77	31.9	25.8	38.6	





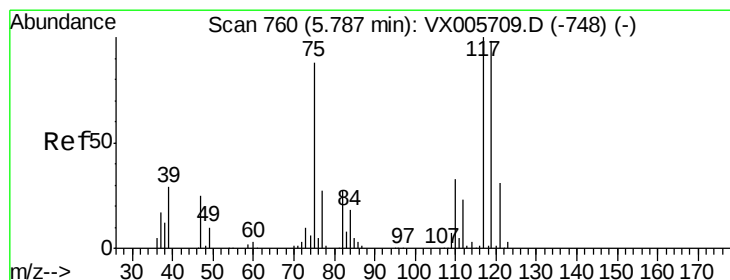
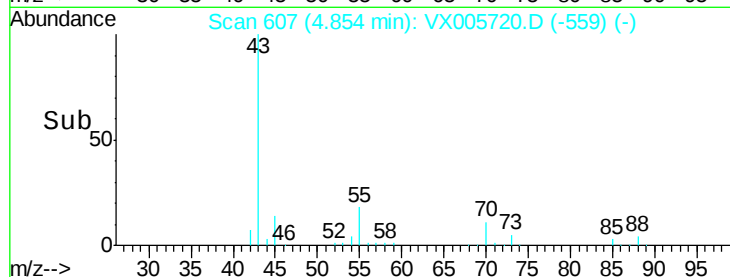
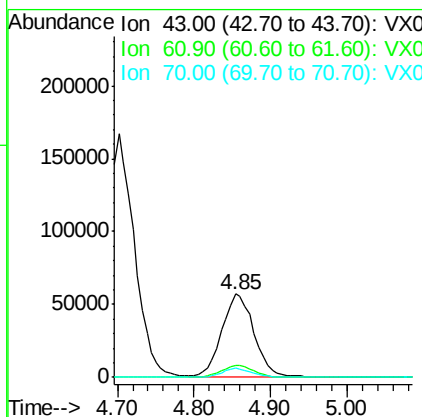
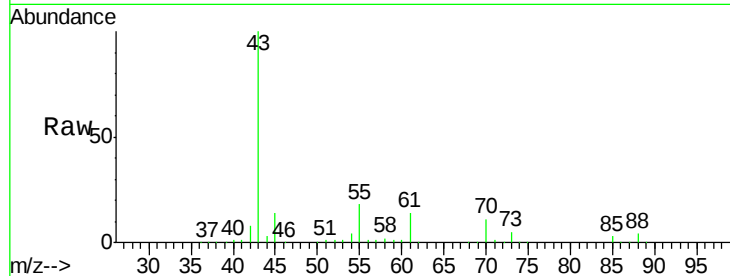
#37
Ethyl Acetate
Concen: 49.991 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 166347
Ion Ratio Lower Upper
43 100
61 14.4 10.8 16.2
70 10.4 7.8 11.8

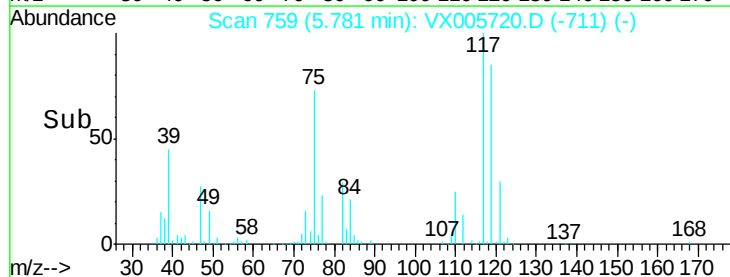
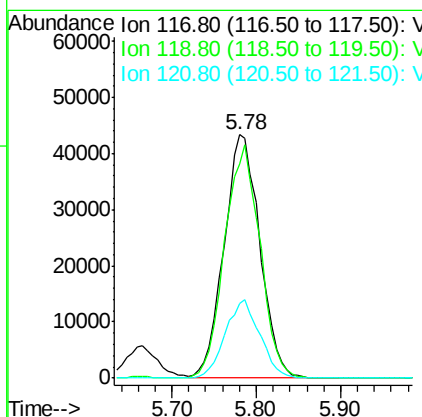
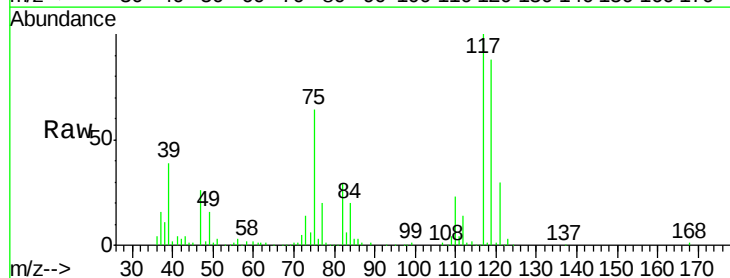
Manual Integrations
APPROVED

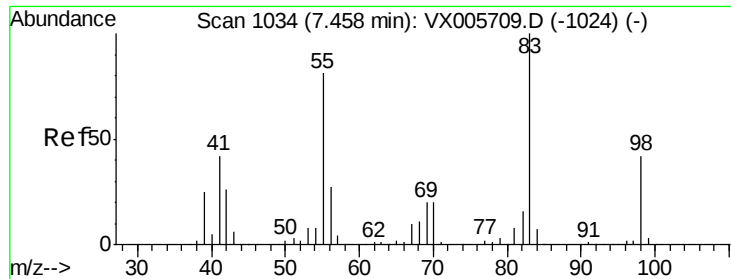
MMDadoda
11/2/2018 12:33:57 PM



#38
Carbon Tetrachloride
Concen: 53.232 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion: 117 Resp: 125439
Ion Ratio Lower Upper
117 100
119 88.0 78.1 117.1
121 30.4 24.6 36.8





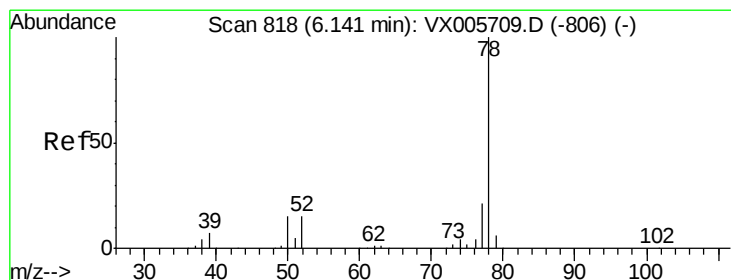
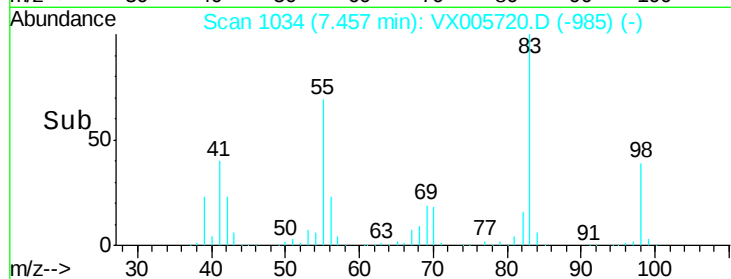
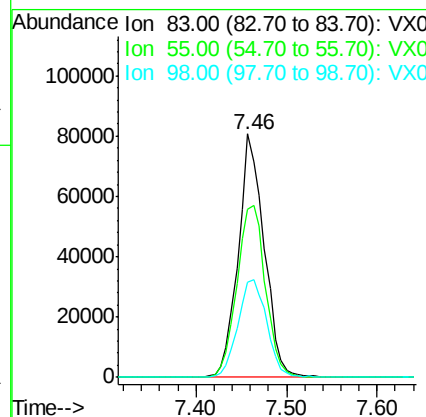
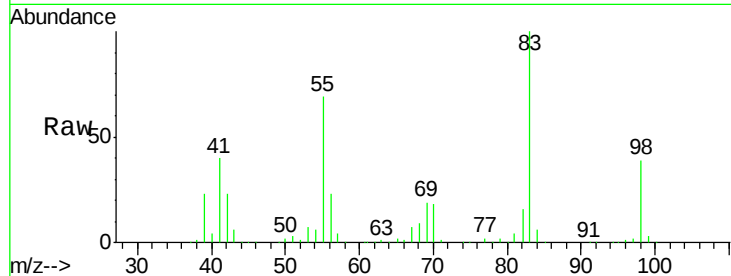
#39
Methylcyclohexane
Concen: 58.896 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.2	63.7	95.5
98	38.9	36.2	54.2

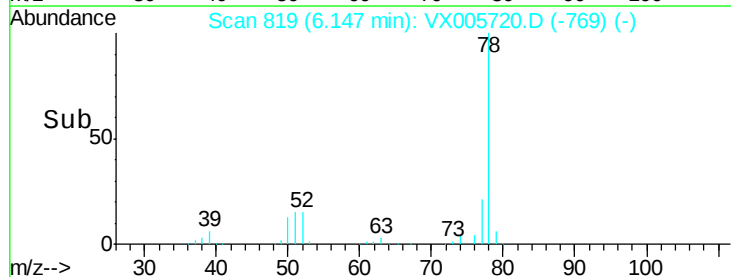
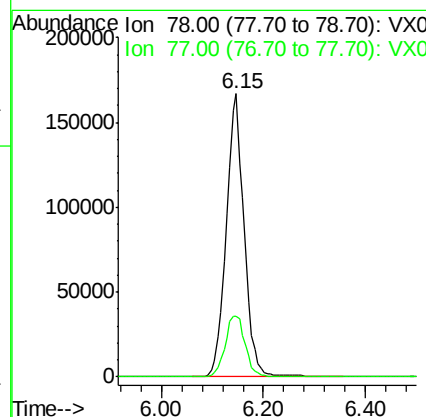
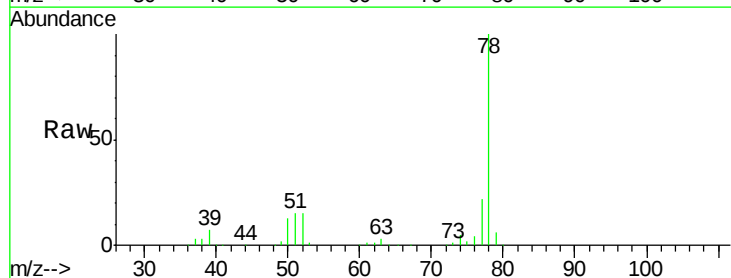
Manual Integrations
APPROVED

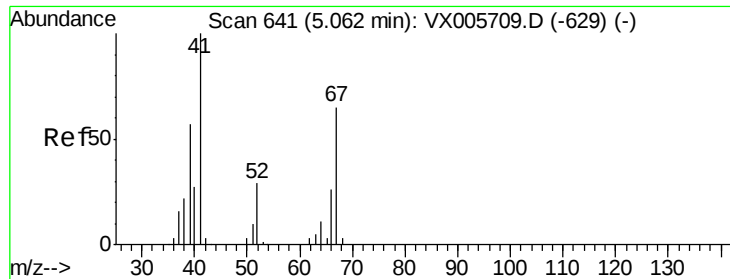
MMDadoda
11/2/2018 12:33:57 PM



#40
Benzene
Concen: 52.117 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.4	27.6





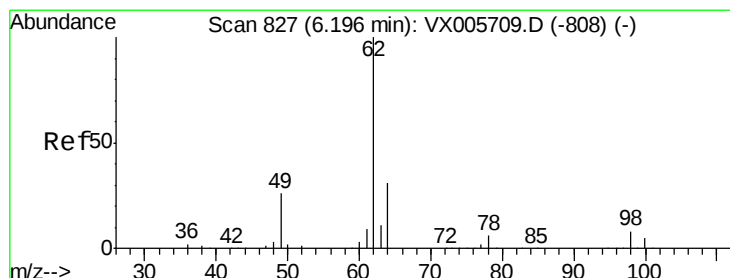
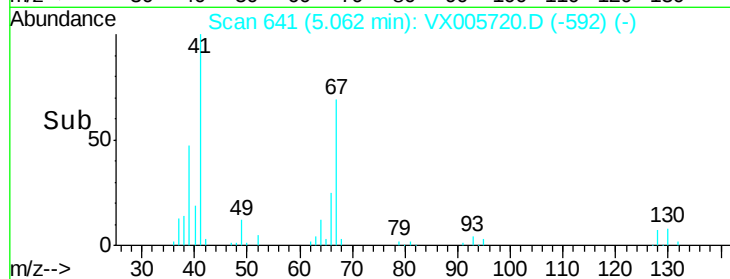
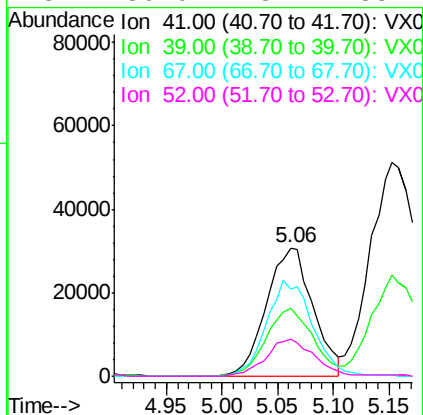
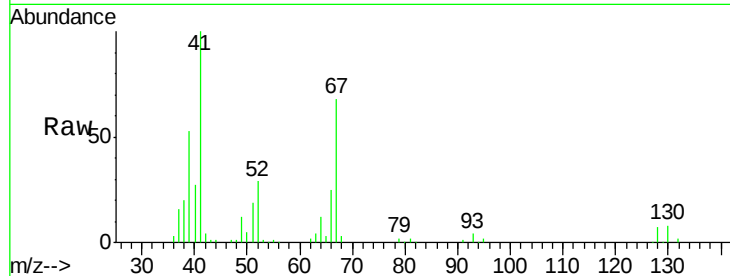
#41
Methacrylonitrile
Concen: 49.809 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		89554		
39	53.7	42.2	63.2		
67	74.2	53.4	80.0		
52	30.0	23.4	35.2		

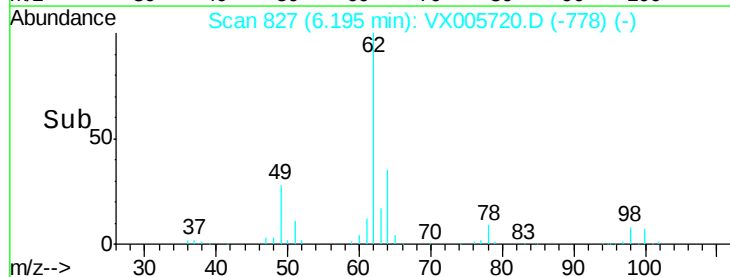
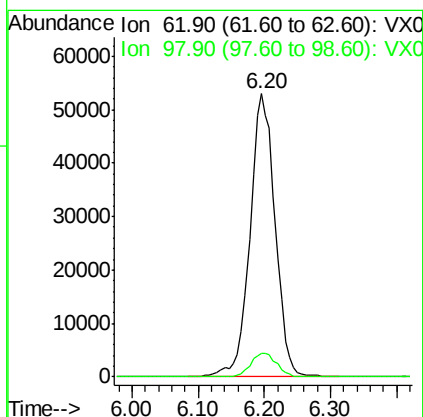
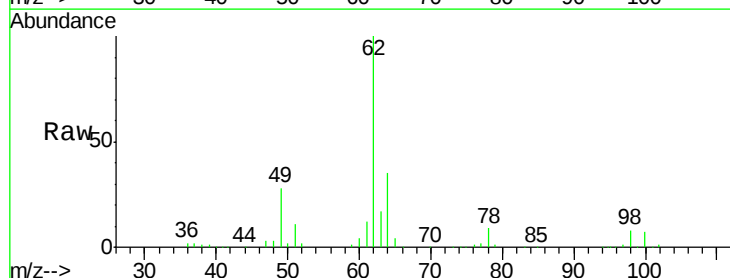
Manual Integrations
APPROVED

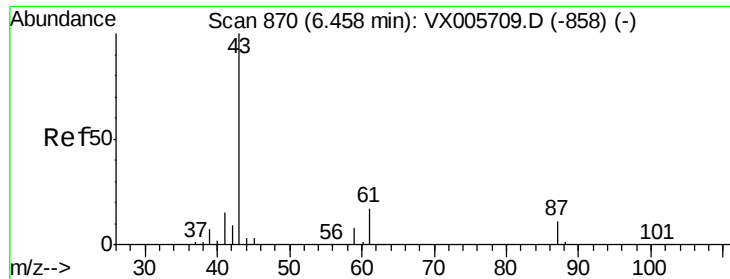
MMDadoda
11/2/2018 12:33:57 PM



#42
1,2-Dichloroethane
Concen: 48.964 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		140435		
98	8.7	0.0	17.8		





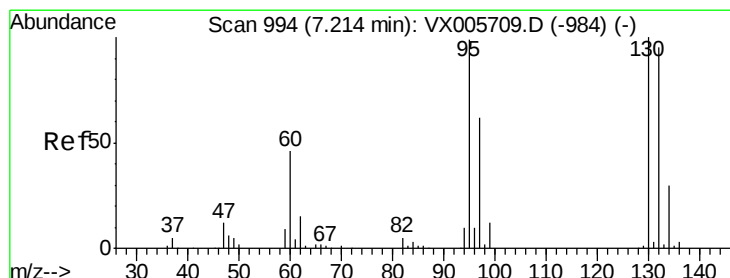
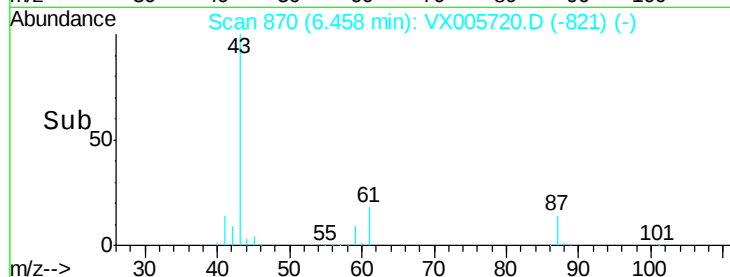
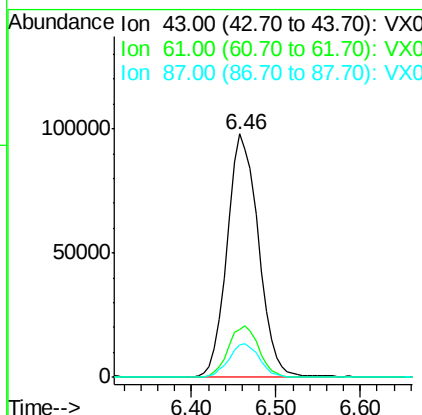
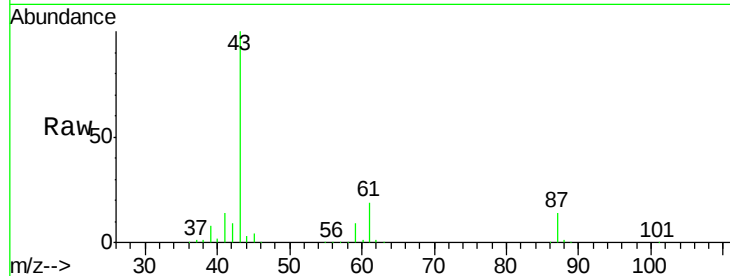
#43
Isopropyl Acetate
Concen: 51.176 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	14.6	22.0
87	13.6	9.6	14.4

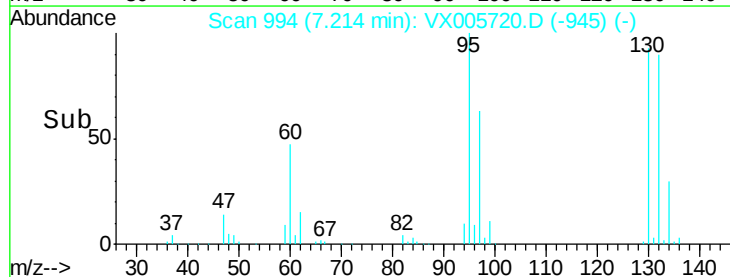
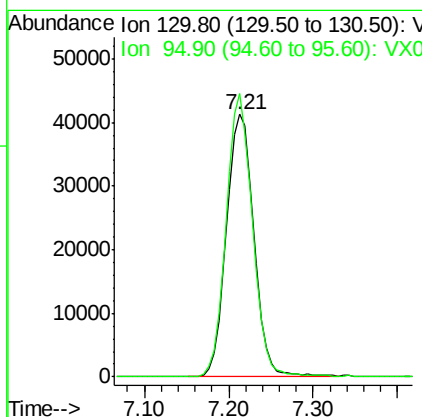
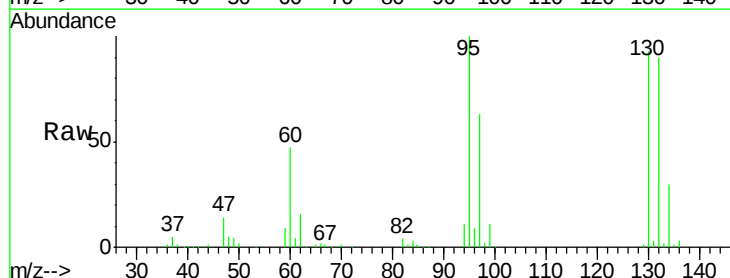
Manual Integrations
APPROVED

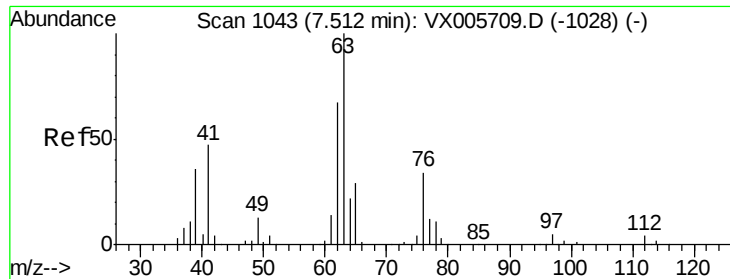
MMDadoda
11/2/2018 12:33:57 PM



#44
Trichloroethene
Concen: 51.231 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	194.2





#45

1,2-Dichloropropane

Concen: 52.467 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 104330

Ion Ratio Lower Upper

63 100

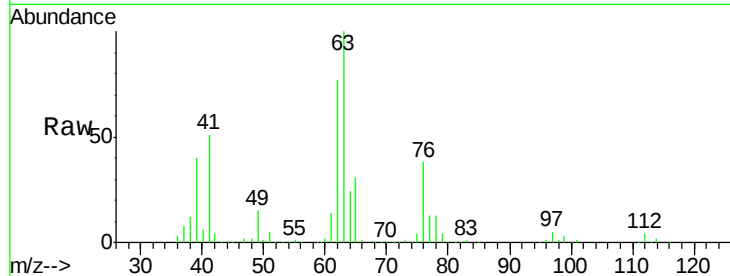
65 31.0 24.8 37.2

Manual Integrations

APPROVED

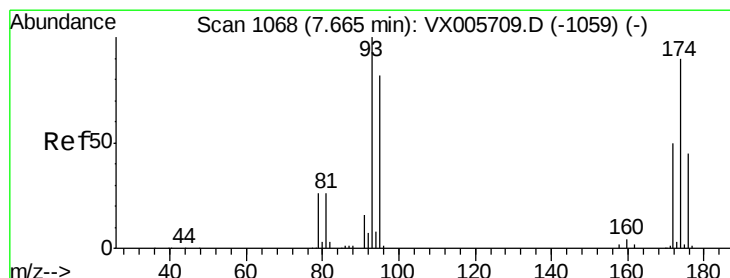
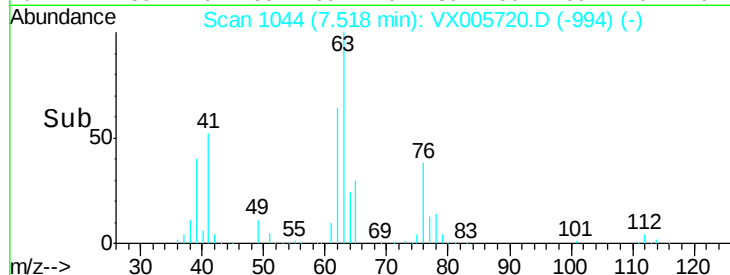
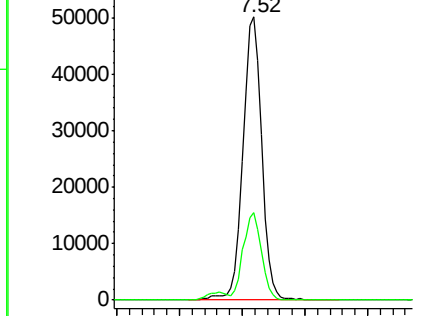
MMDadoda

11/2/2018 12:33:57 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.116 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

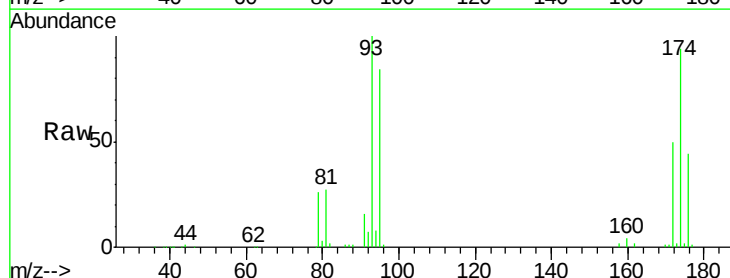
Tgt Ion: 93 Resp: 64959

Ion Ratio Lower Upper

93 100

95 82.2 67.4 101.0

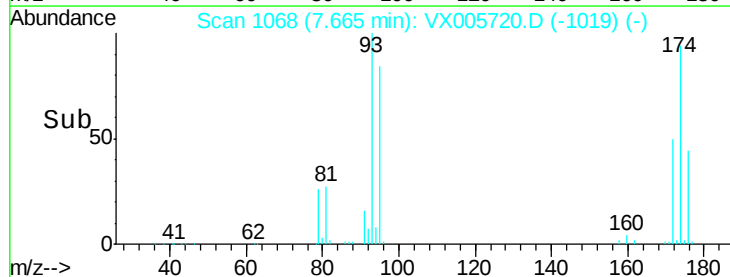
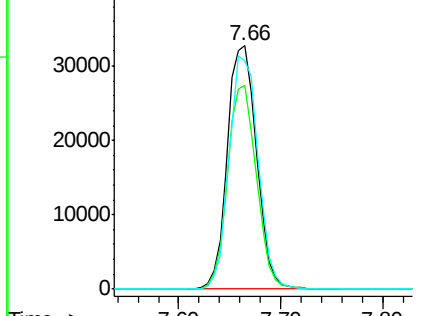
174 95.2 91.5 137.3

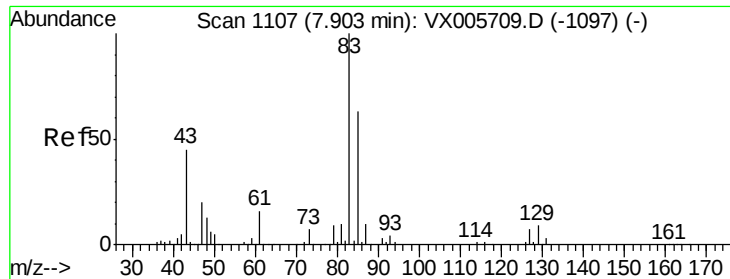


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.316 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

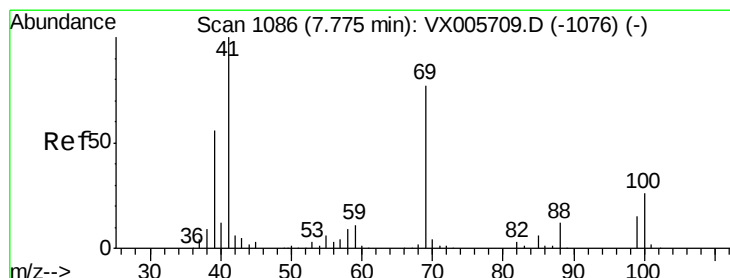
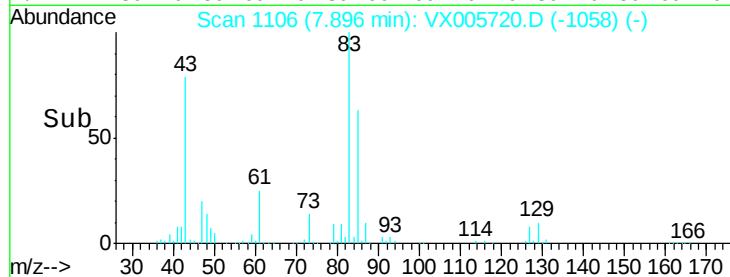
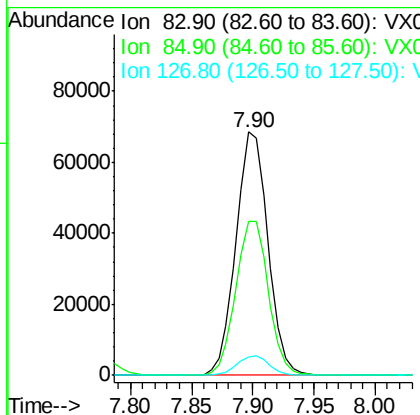
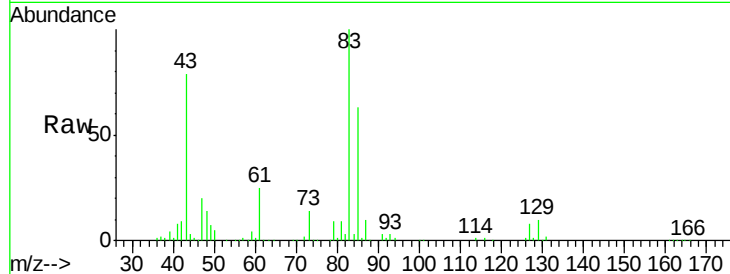
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	124707
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.2	75.4
127	7.6	6.9	10.3

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#48

Methyl methacrylate

Concen: 54.661 ug/l

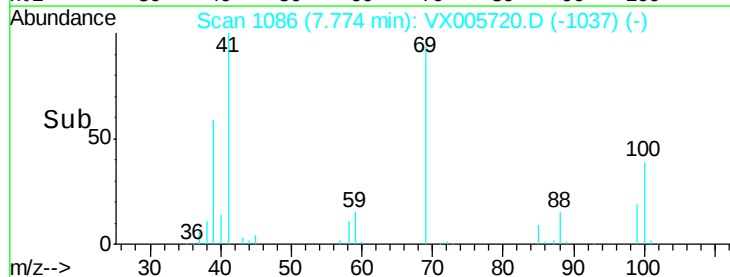
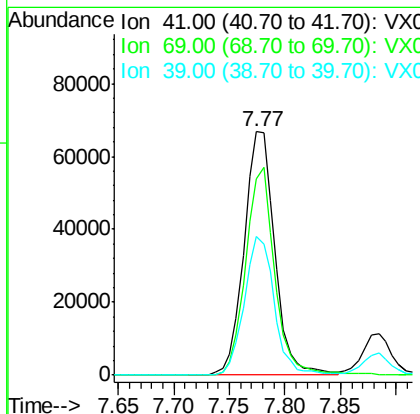
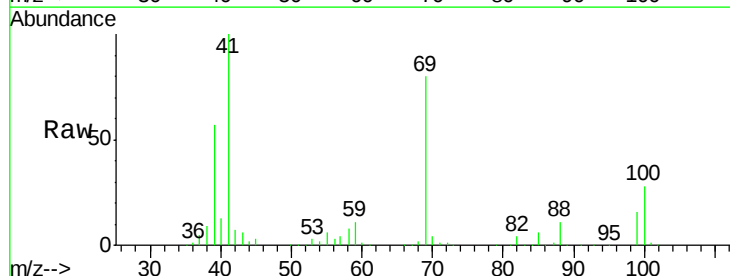
RT: 7.77 min Scan# 1086

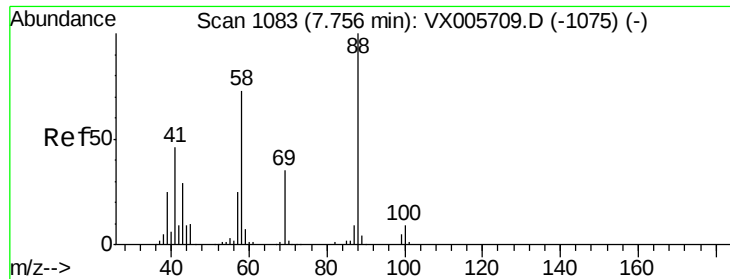
Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Tgt Ion:	41	Resp:	127773
Ion Ratio	Lower	Upper	
41	100		
69	81.5	63.2	94.8
39	56.1	42.2	63.2





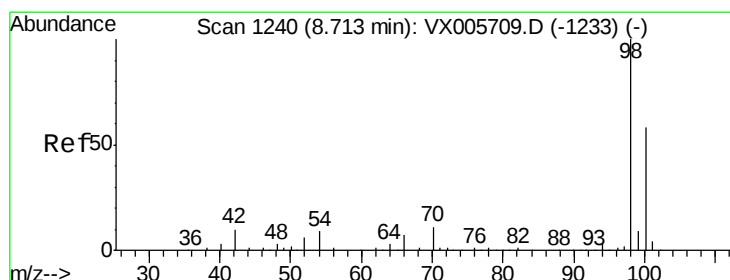
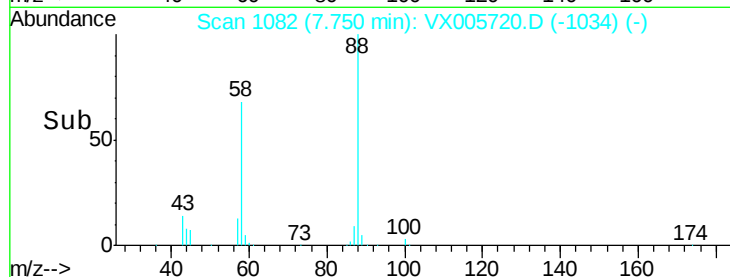
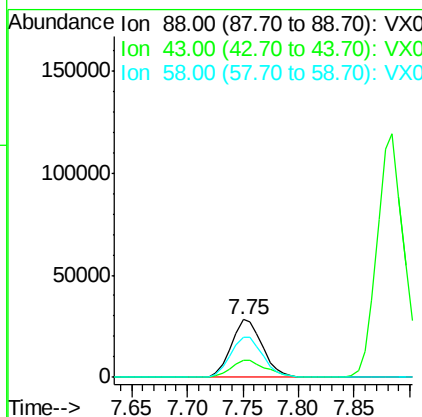
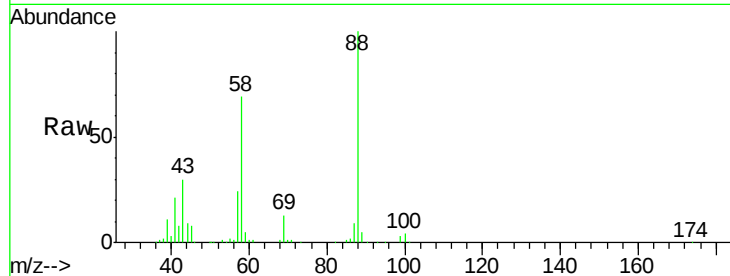
#49
1,4-Dioxane
Concen: 1050.185 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.4	41.0
58	72.9	59.4	89.2

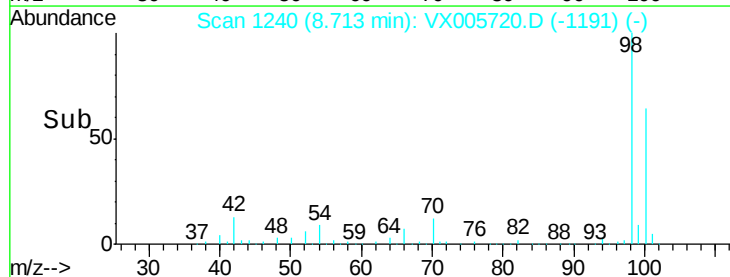
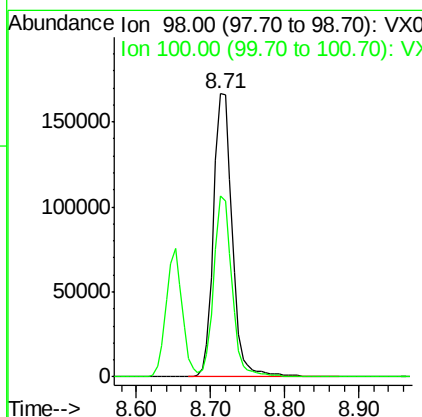
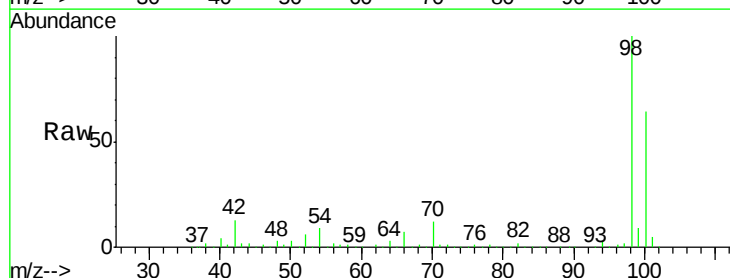
Manual Integrations
APPROVED

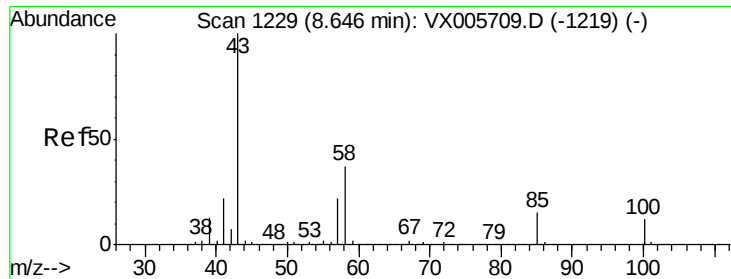
MMDadoda
11/2/2018 12:33:57 PM



#50
Toluene-d8
Concen: 48.399 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 257.109 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 846707

Ion Ratio Lower Upper

43 100

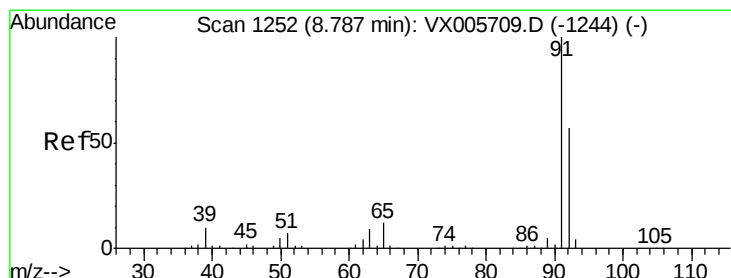
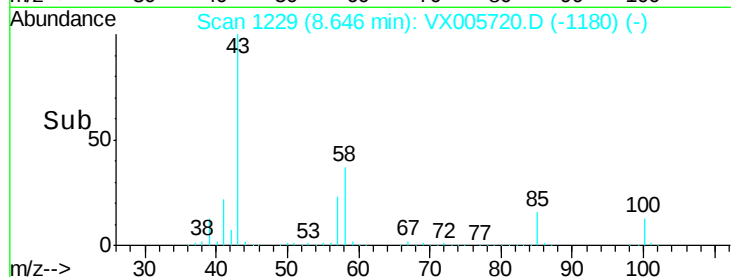
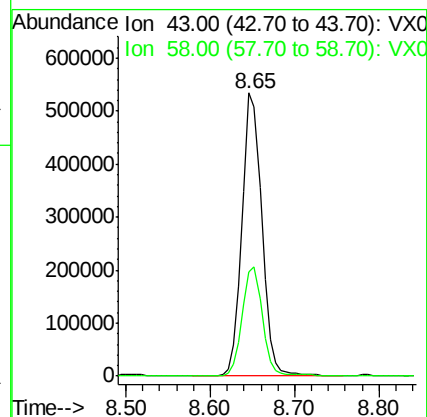
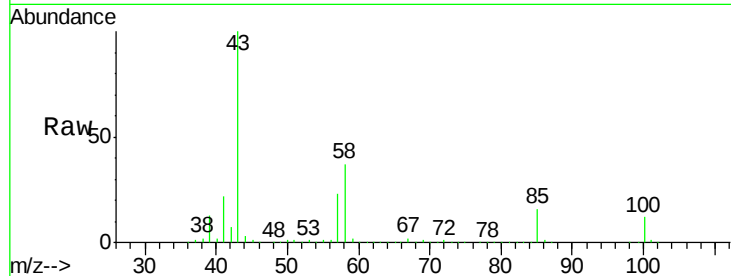
58 38.8 29.7 44.5

Manual Integrations

APPROVED

MMDadoda

11/2/2018 12:33:57 PM



#52

Toluene

Concen: 54.034 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005720.D

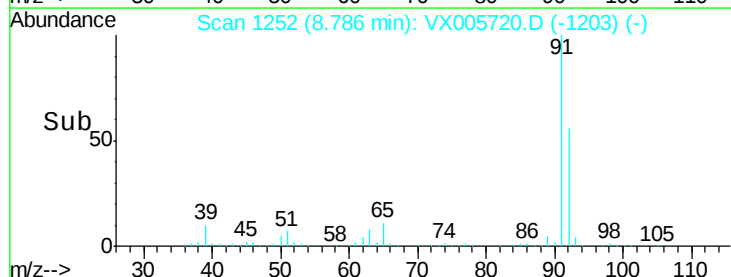
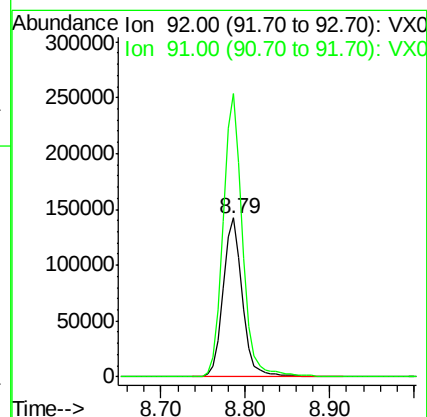
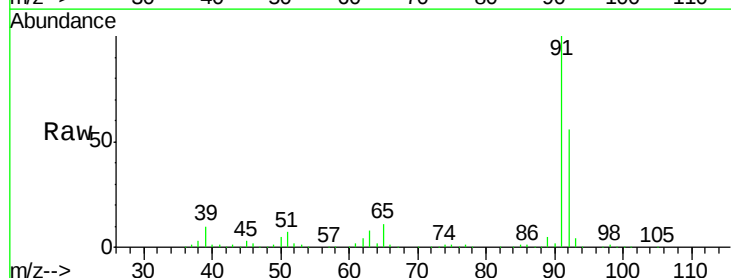
Acq: 01 Nov 2018 10:44

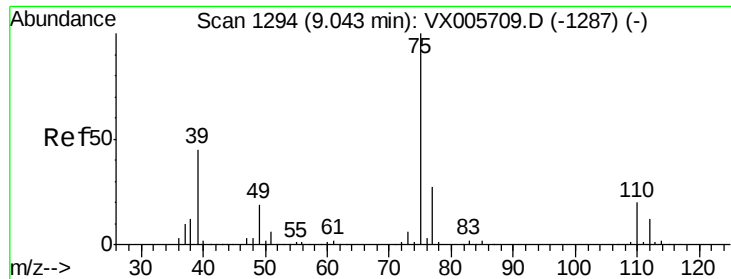
Tgt Ion: 92 Resp: 226784

Ion Ratio Lower Upper

92 100

91 178.6 140.4 210.6





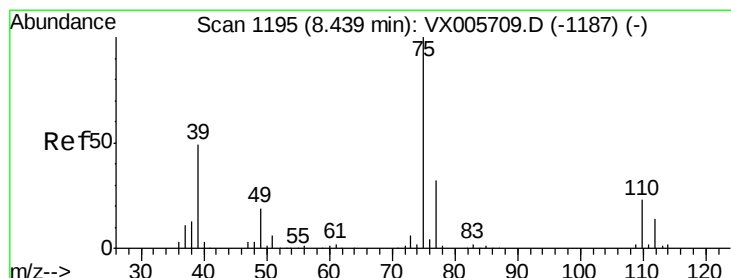
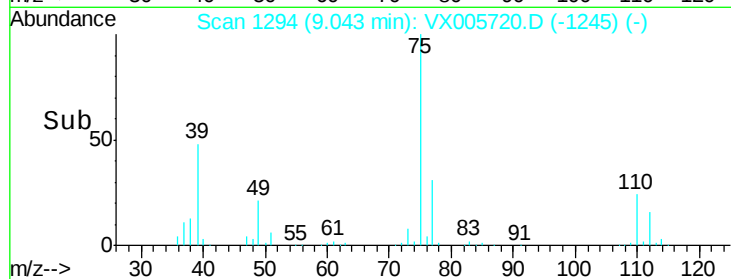
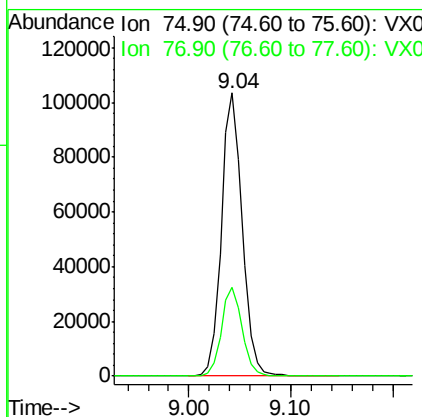
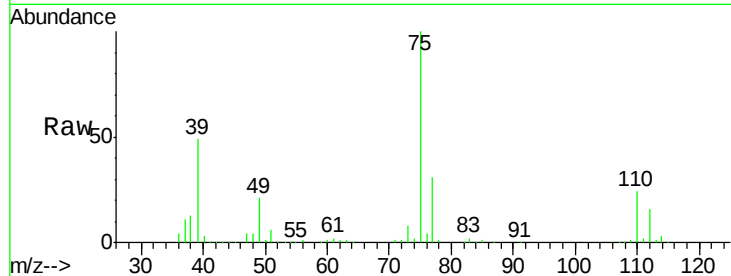
#53
t-1,3-Dichloropropene
Concen: 56.780 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 146678
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

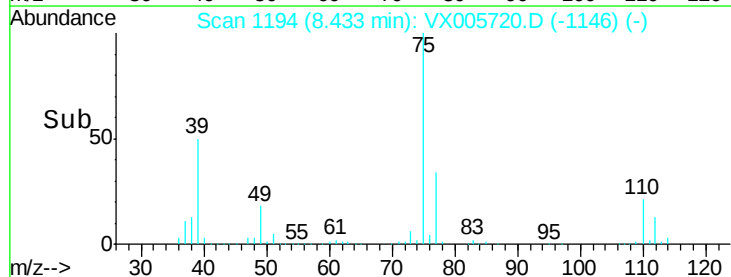
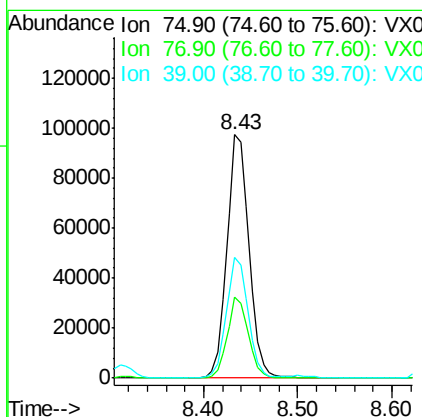
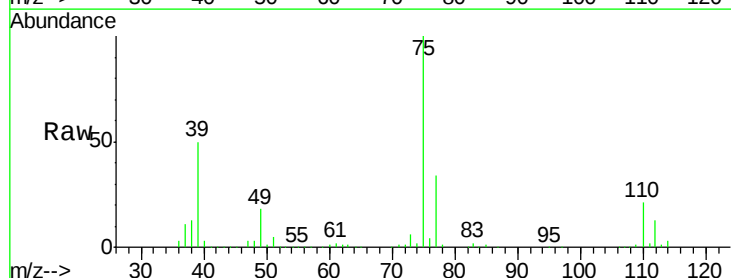
Manual Integrations
APPROVED

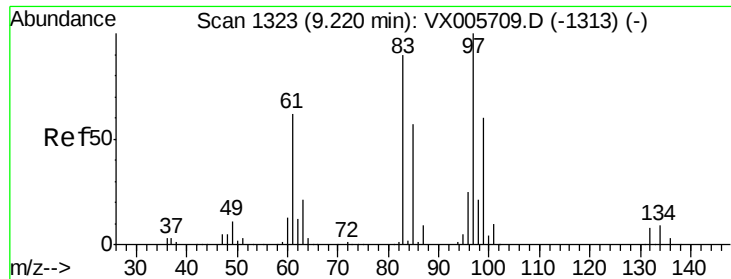
MMDadoda
11/2/2018 12:33:57 PM



#54
cis-1,3-Dichloropropene
Concen: 57.102 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion: 75 Resp: 158041
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8
39 49.6 38.2 57.2





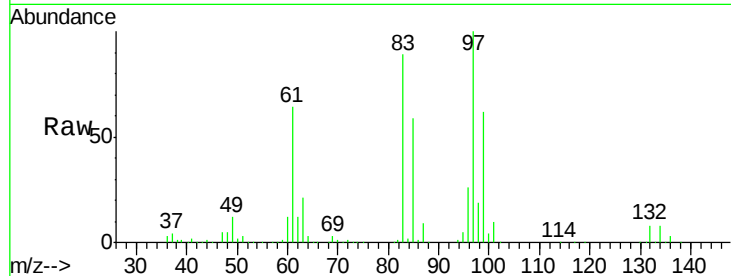
#55
 1,1,2-Trichloroethane
 Concen: 51.631 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

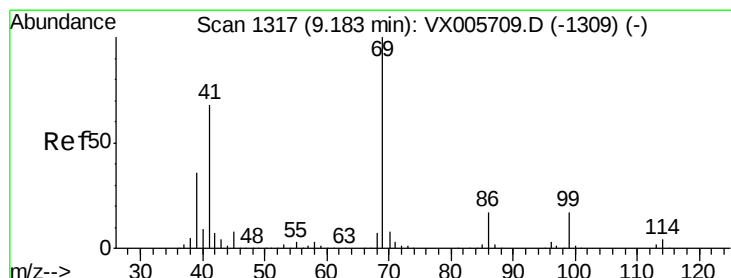
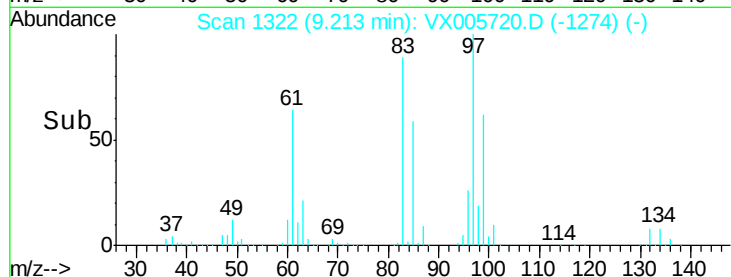
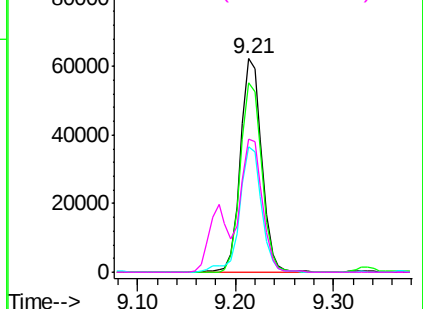
Tgt Ion:	97	Resp:	94109
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.7	106.1
85	58.7	45.8	68.6
99	62.2	51.8	77.8

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 12:33:57 PM

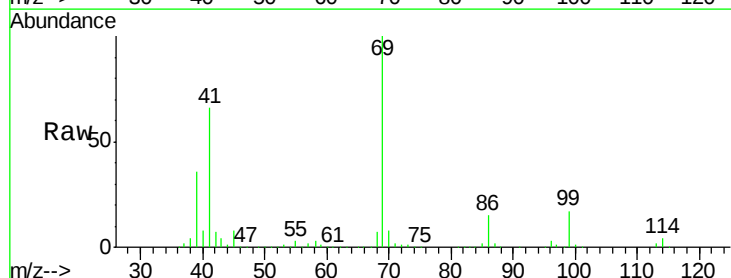


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

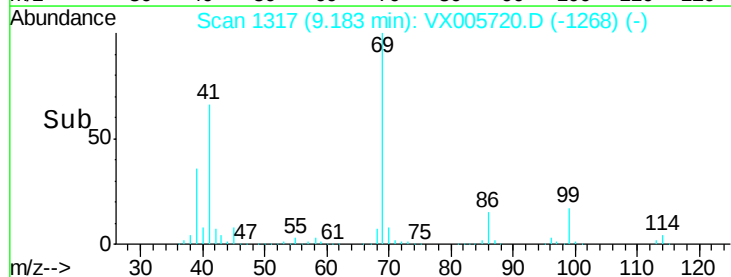
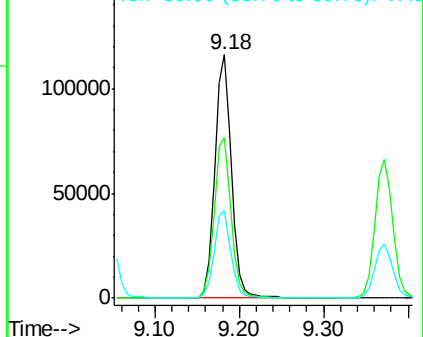


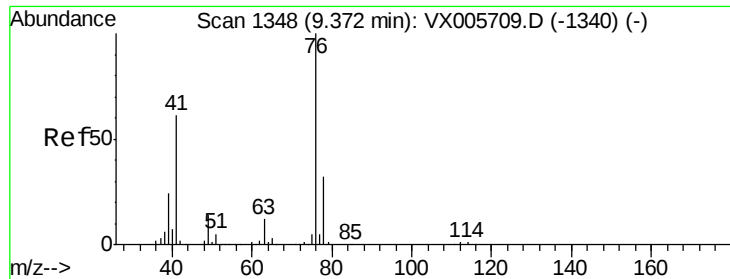
#56
 Ethyl methacrylate
 Concen: 51.178 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion:	69	Resp:	158536
Ion	Ratio	Lower	Upper
69	100		
41	67.1	57.0	85.6
39	36.1	28.3	42.5



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





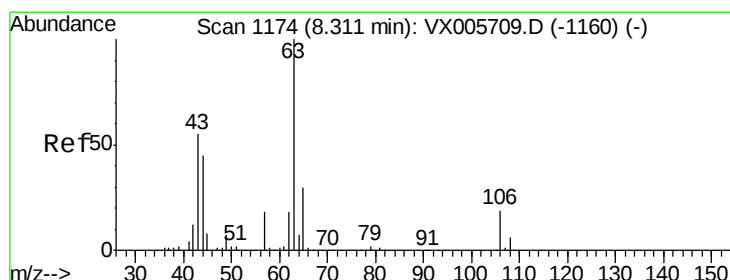
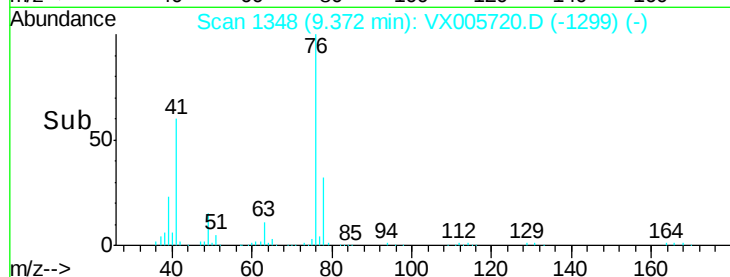
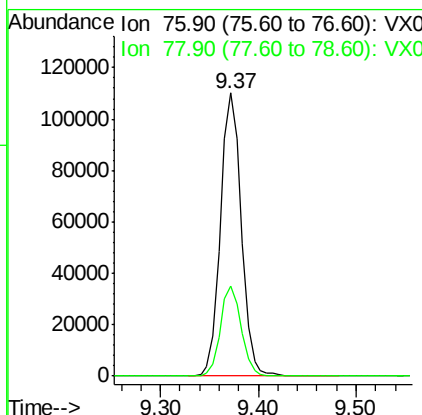
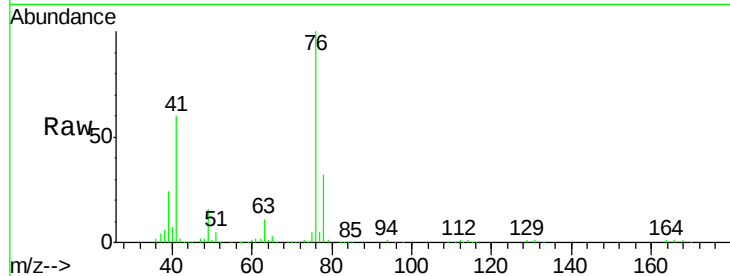
#57
 1,3-Dichloropropane
 Concen: 52.164 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 163326
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9

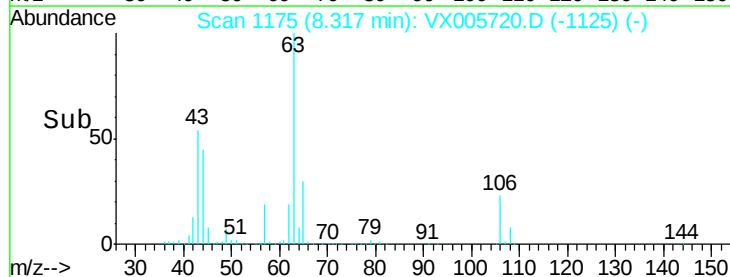
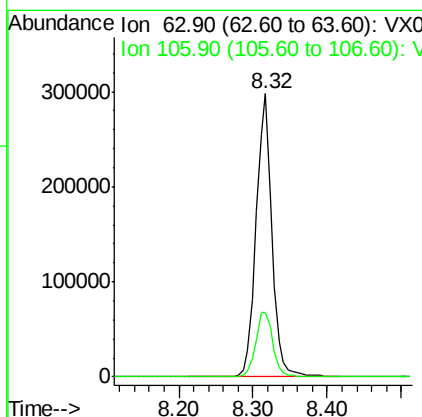
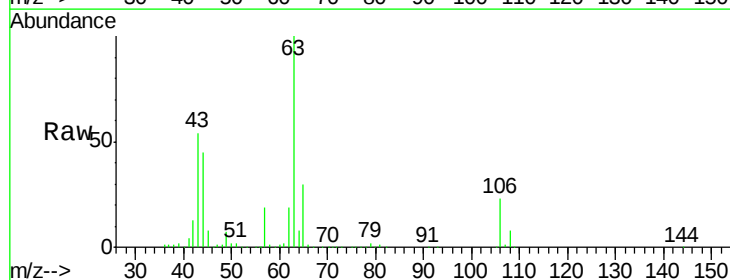
Manual Integrations
 APPROVED

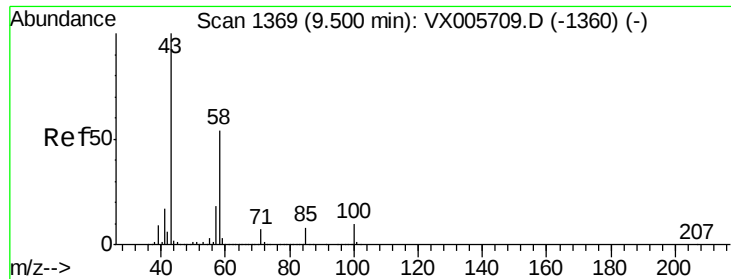
MMDadoda
 11/2/2018 12:33:57 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.993 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion: 63 Resp: 442978
 Ion Ratio Lower Upper
 63 100
 106 24.8 21.3 31.9





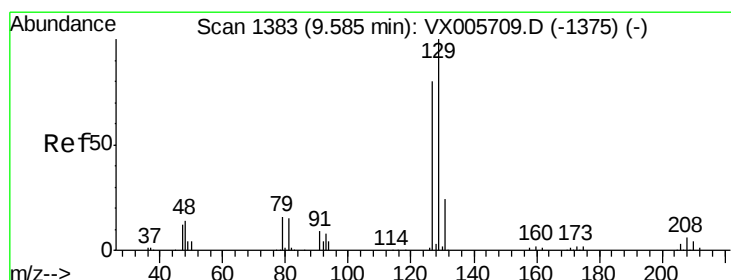
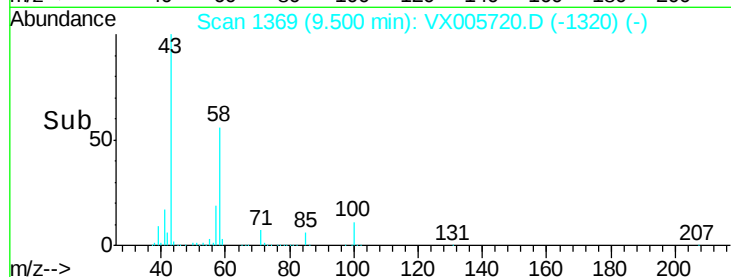
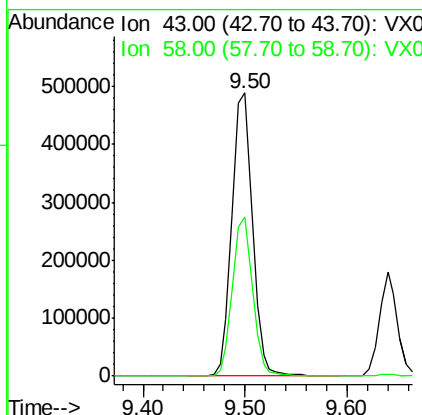
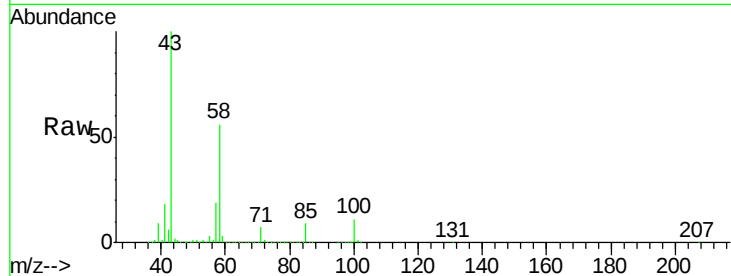
#59
2-Hexanone
Concen: 253.863 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 680353
Ion Ratio Lower Upper
43 100
58 55.4 25.9 77.8

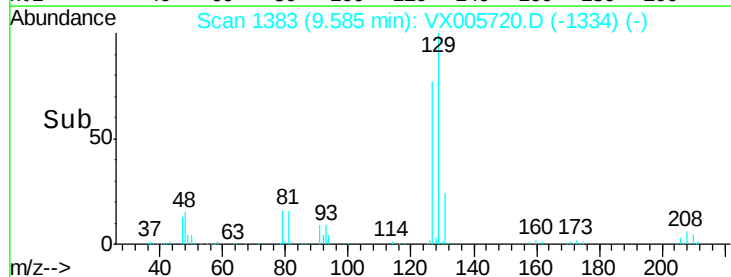
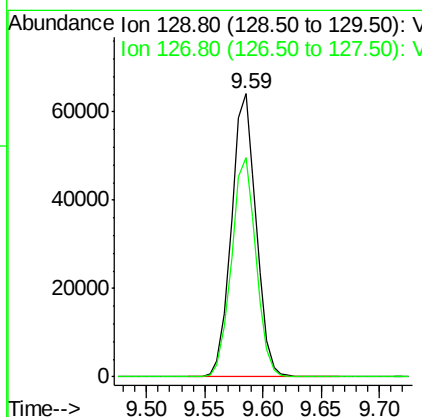
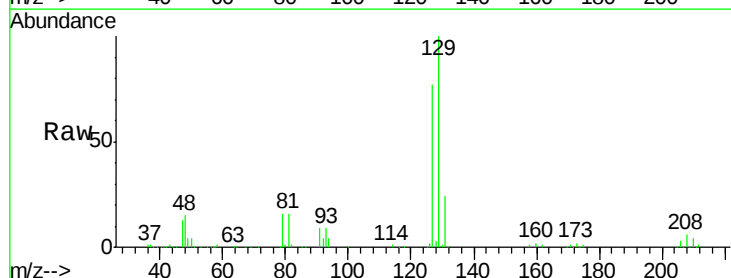
Manual Integrations
APPROVED

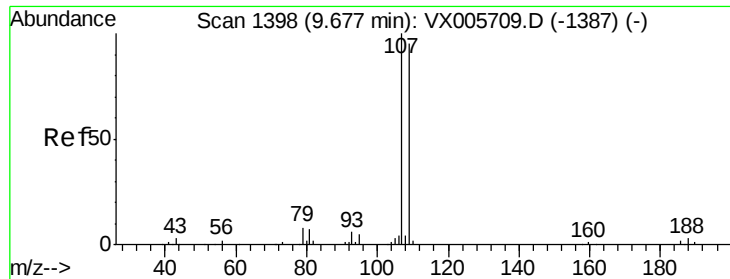
MMDadoda
11/2/2018 12:33:57 PM



#60
Dibromochloromethane
Concen: 53.810 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion: 129 Resp: 94776
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.233 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 97014

Ion Ratio Lower Upper

107 100

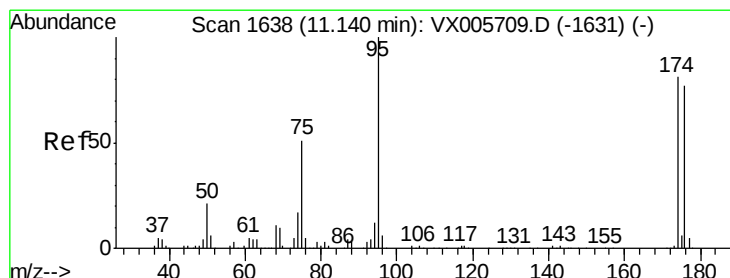
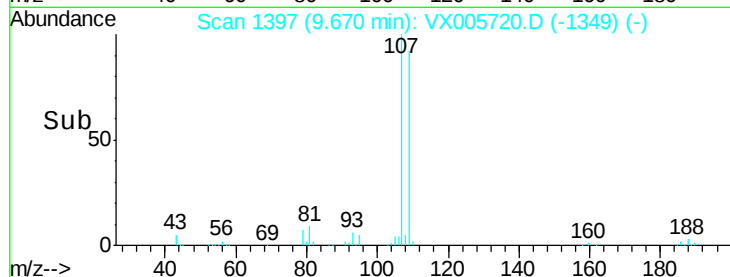
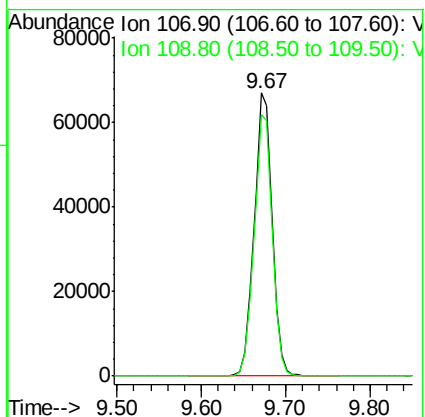
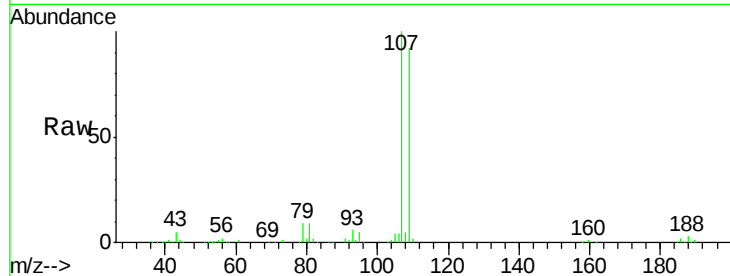
109 93.5 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

11/2/2018 12:33:57 PM



#62

4-Bromofluorobenzene

Concen: 48.973 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

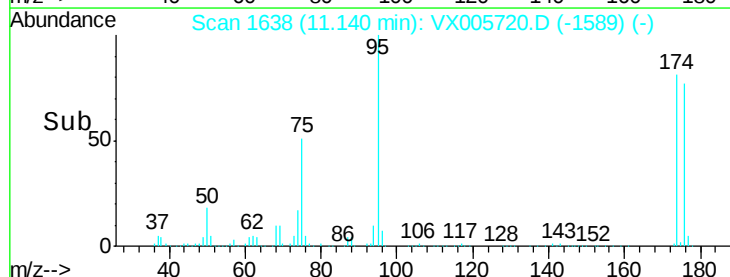
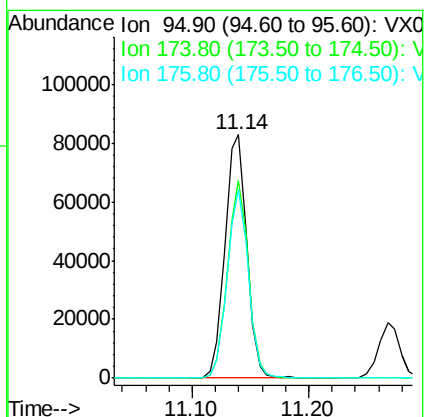
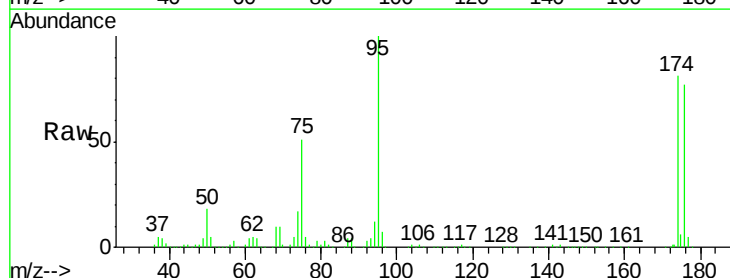
Tgt Ion: 95 Resp: 107455

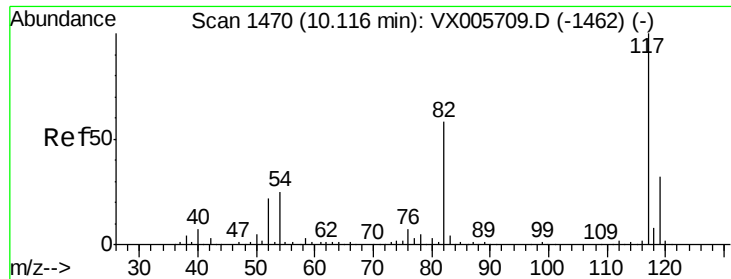
Ion Ratio Lower Upper

95 100

174 78.3 0.0 184.4

176 75.0 0.0 177.4





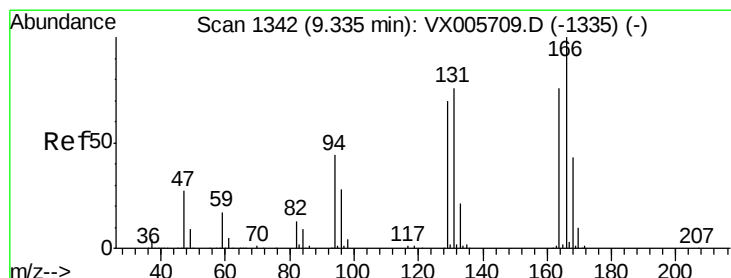
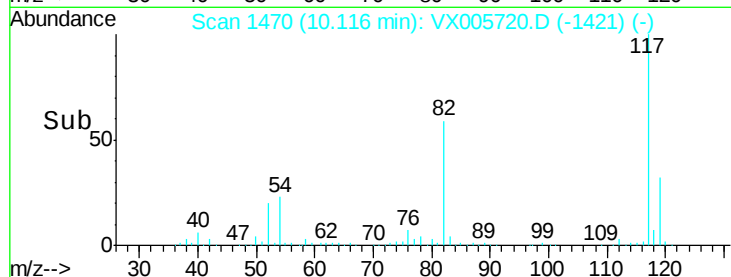
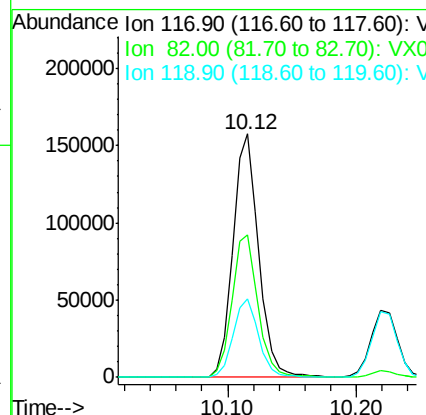
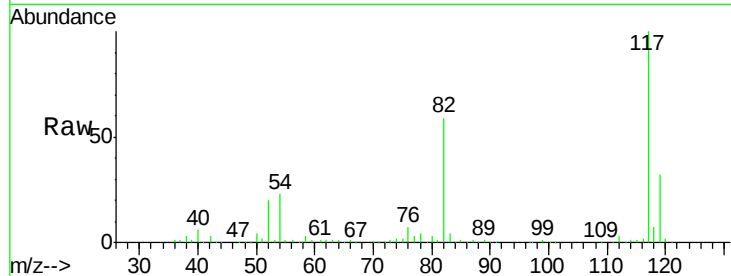
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	220527		
82	58.8	44.1	66.1	
119	32.5	26.2	39.2	

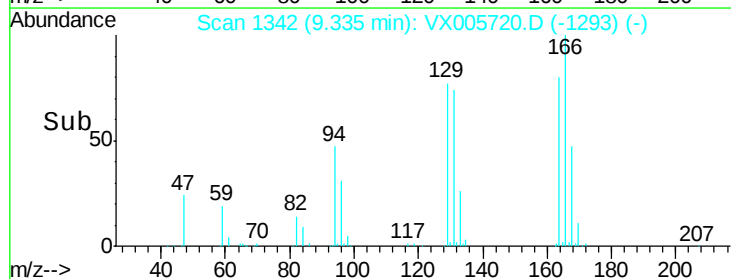
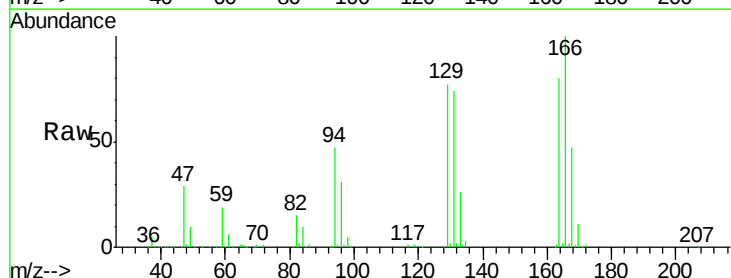
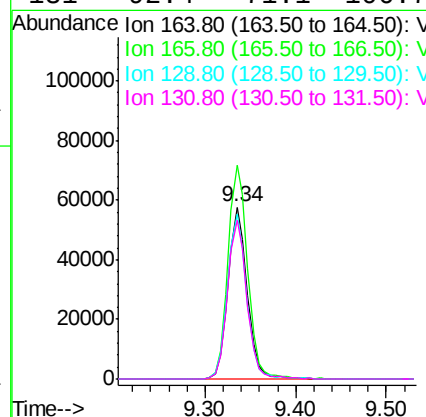
Manual Integrations
APPROVED

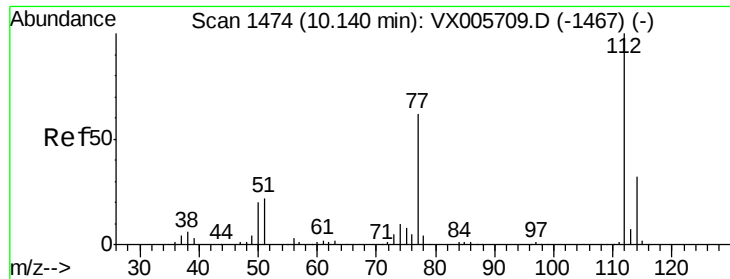
MMDadoda
11/2/2018 12:33:57 PM



#64
Tetrachloroethene
Concen: 52.460 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84520		
166	124.5	101.9	152.9	
129	96.3	72.6	109.0	
131	92.4	71.1	106.7	





#65

Chlorobenzene

Concen: 52.768 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 247279

Ion Ratio Lower Upper

112 100

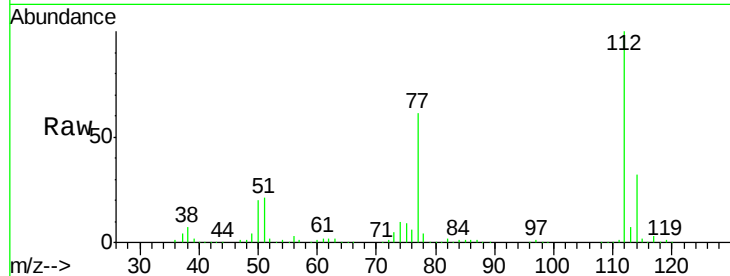
114 31.6 25.8 38.6

Manual Integrations

APPROVED

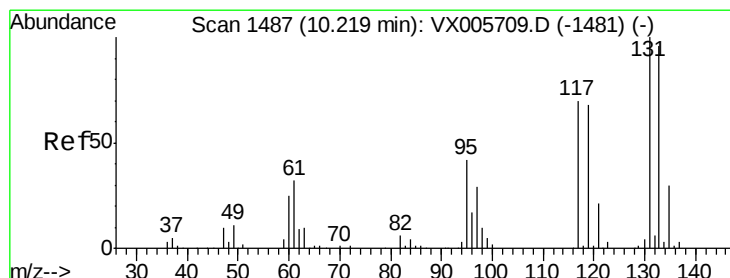
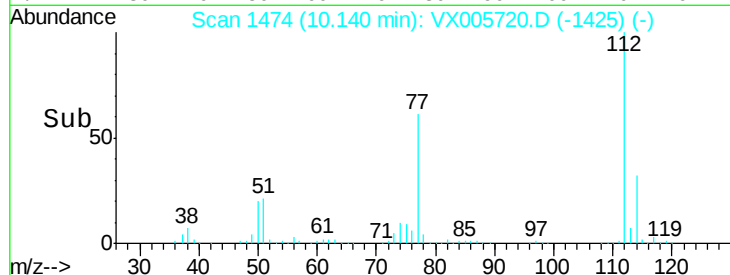
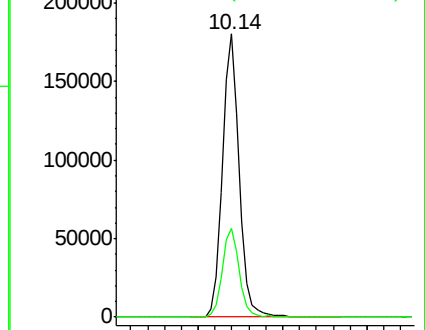
MMDadoda

11/2/2018 12:33:57 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.609 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

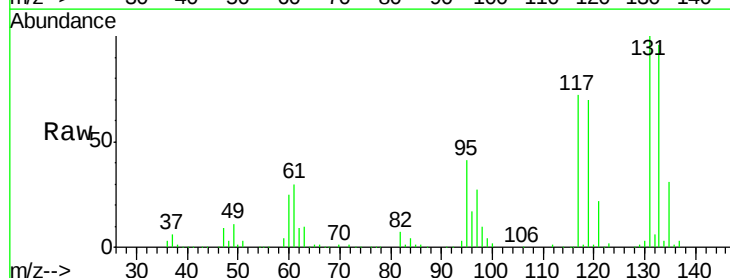
Tgt Ion:131 Resp: 86002

Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.5

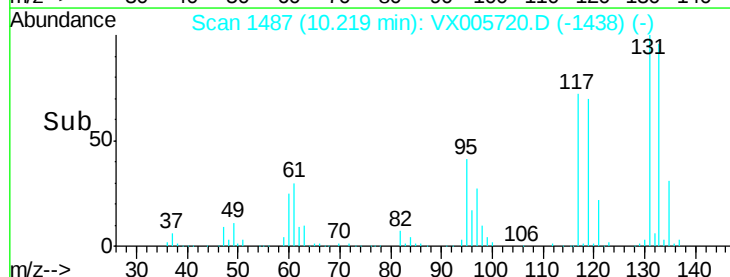
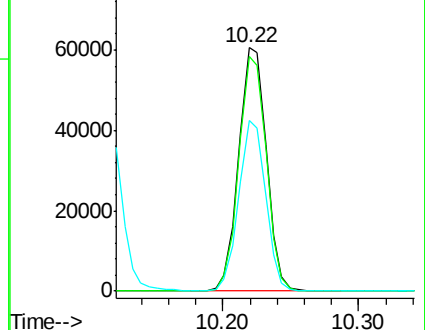
119 68.3 31.8 95.3

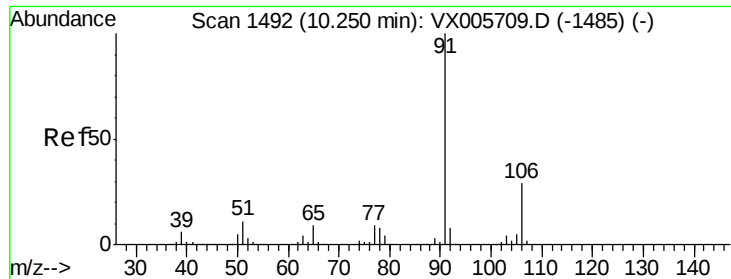


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





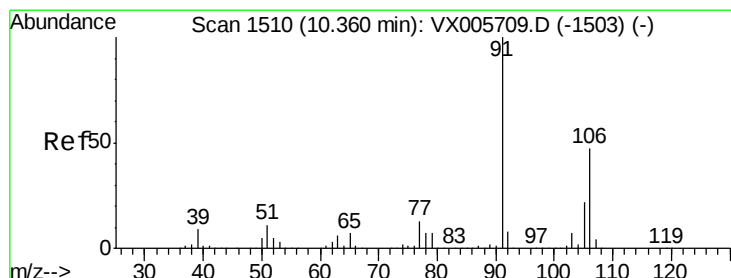
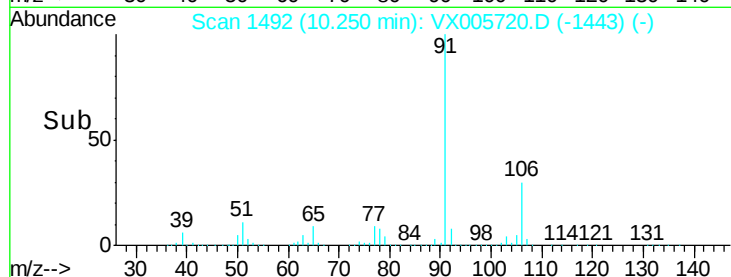
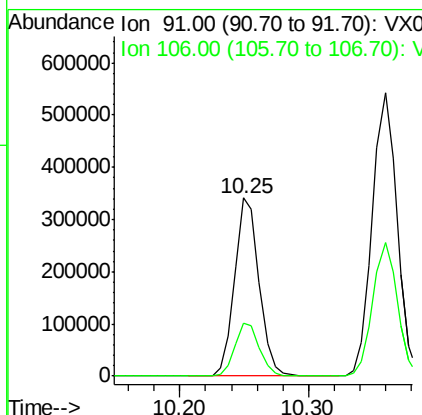
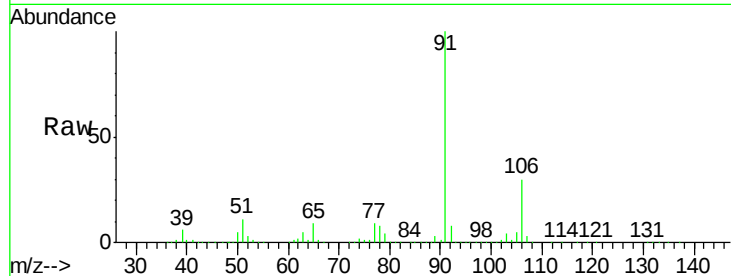
#67
Ethyl Benzene
Concen: 56.775 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 454073
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

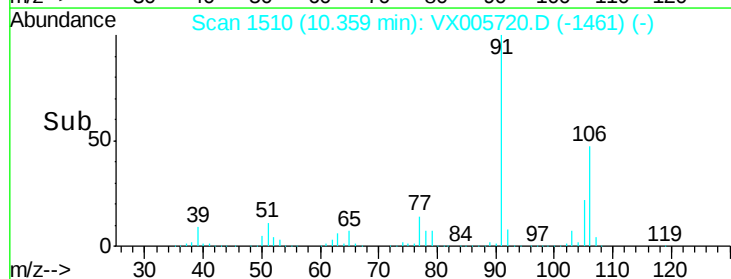
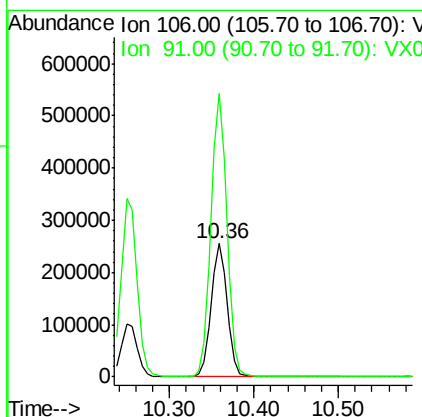
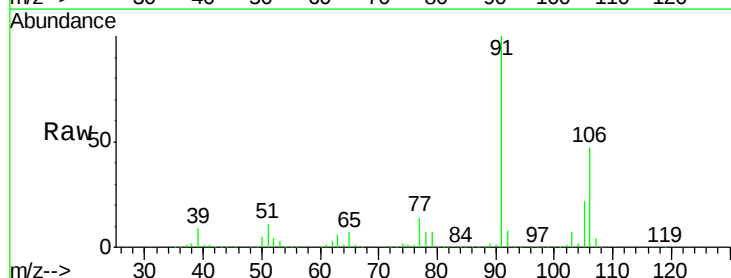
Manual Integrations
APPROVED

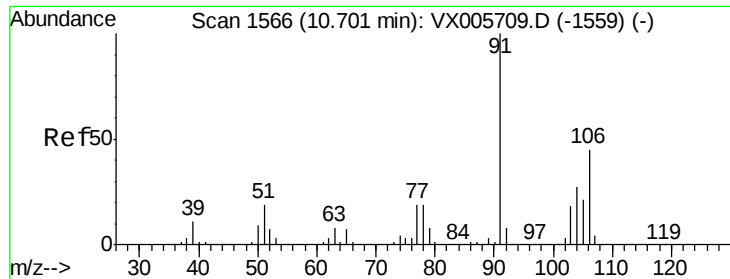
MMDadoda
11/2/2018 12:33:57 PM



#68
m/p-Xylenes
Concen: 113.859 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion: 106 Resp: 338374
Ion Ratio Lower Upper
106 100
91 212.7 164.2 246.4





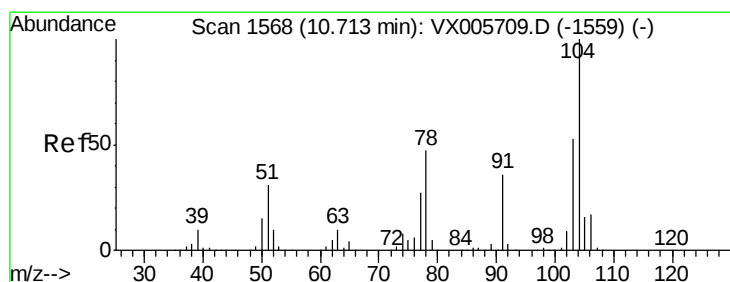
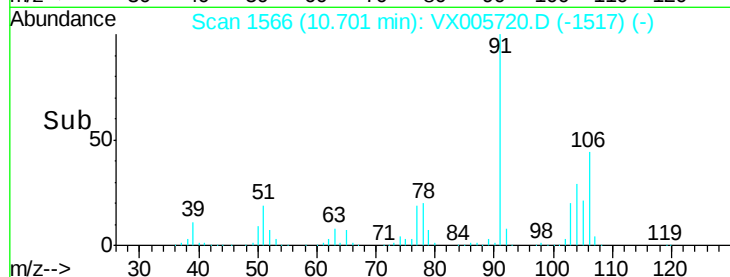
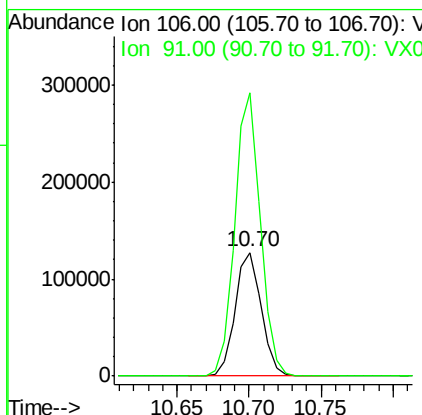
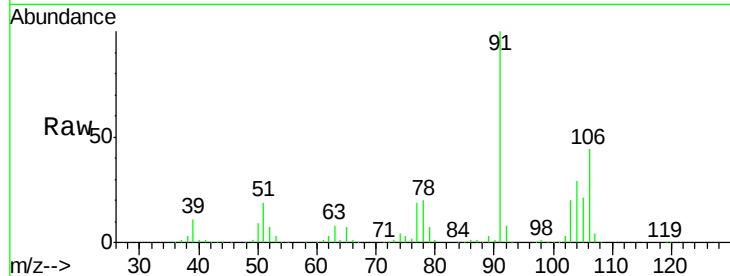
#69
o-Xylene
Concen: 57.005 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 162028
Ion Ratio Lower Upper
106 100
91 224.0 108.5 325.5

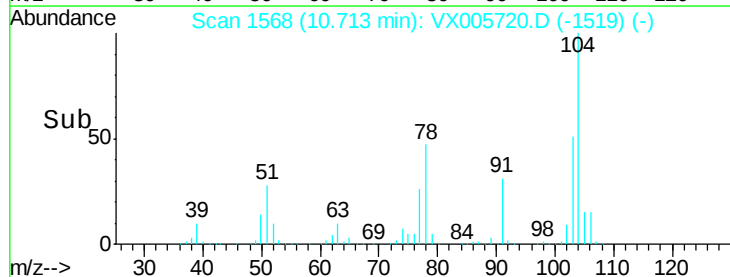
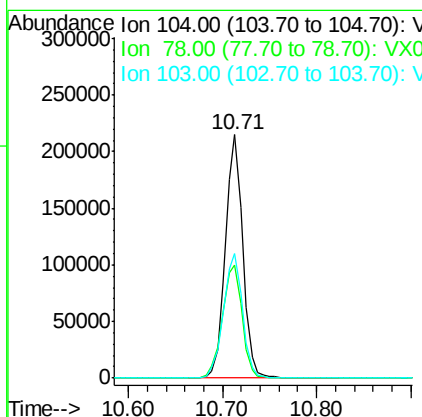
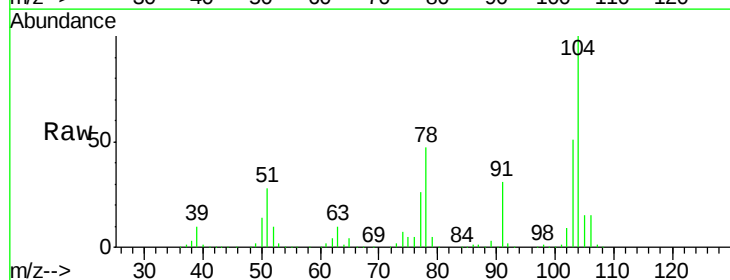
Manual Integrations
APPROVED

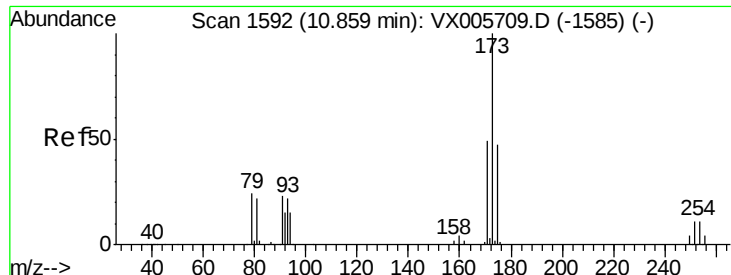
MMDadoda
11/2/2018 12:33:57 PM



#70
Styrene
Concen: 58.448 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion:104 Resp: 275927
Ion Ratio Lower Upper
104 100
78 52.8 40.2 60.4
103 56.0 44.9 67.3





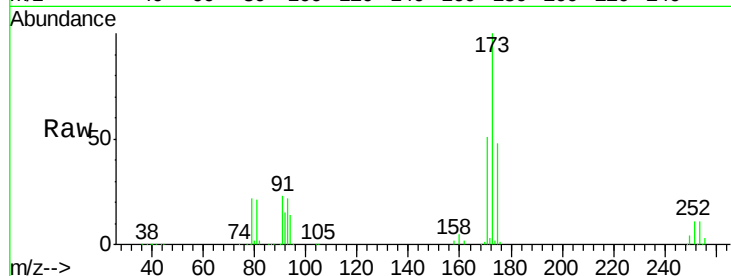
#71
Bromoform
Concen: 55.345 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

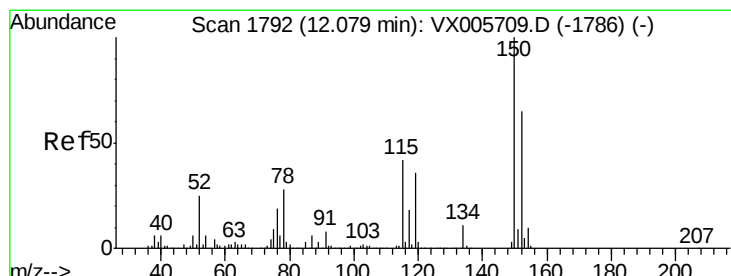
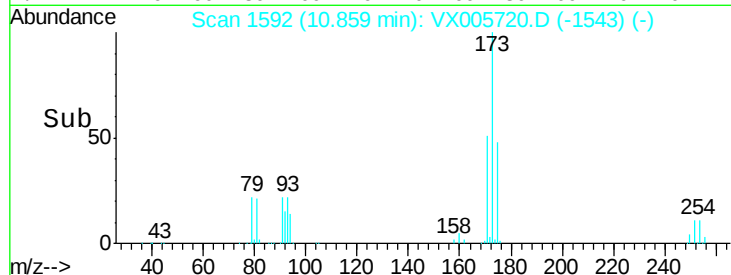
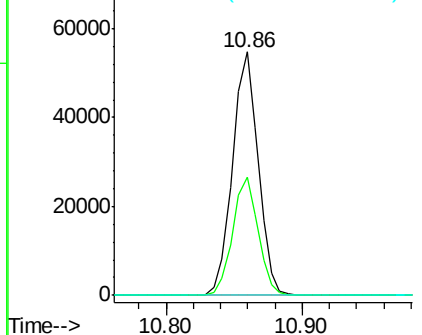
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM

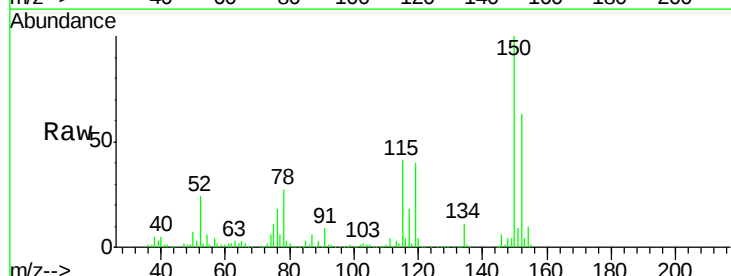


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

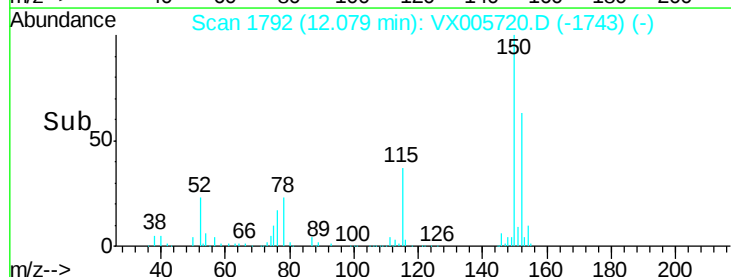
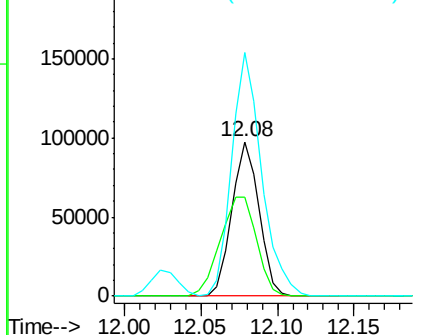


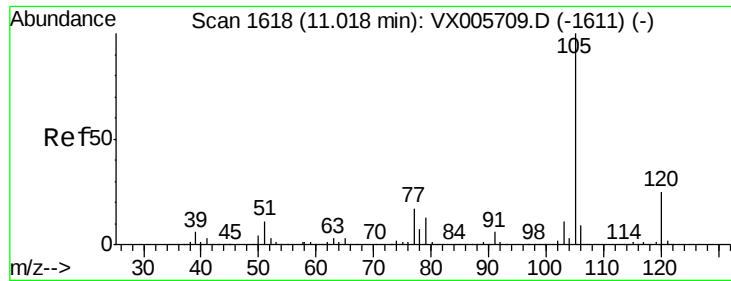
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.8	39.4	118.1
150	174.3	0.0	346.4



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: 56.600 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 447250

Ion Ratio Lower Upper

105 100

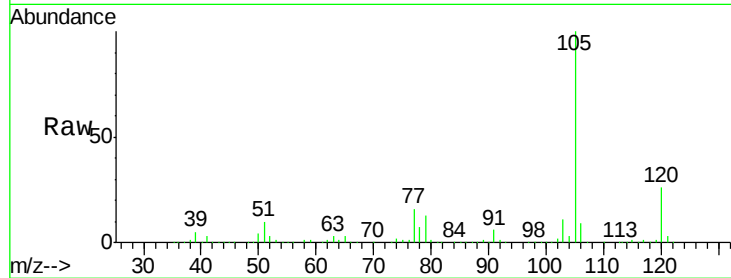
120 26.0 13.1 39.3

Manual Integrations

APPROVED

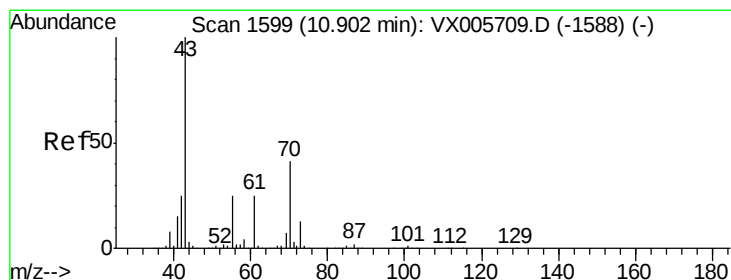
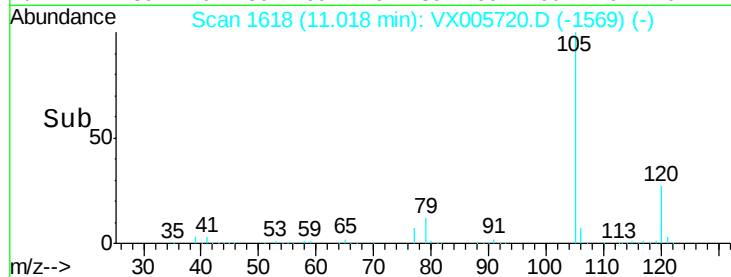
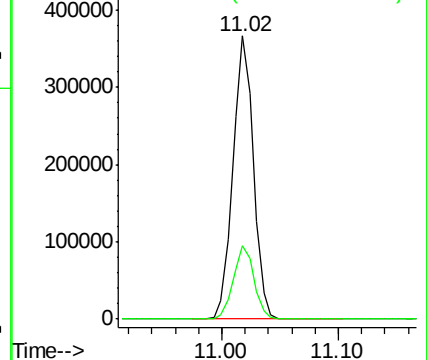
MMDadoda

11/2/2018 12:33:57 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.216 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Tgt Ion: 43 Resp: 228093

Ion Ratio Lower Upper

43 100

70 41.8 31.6 47.4

55 24.7 19.7 29.5

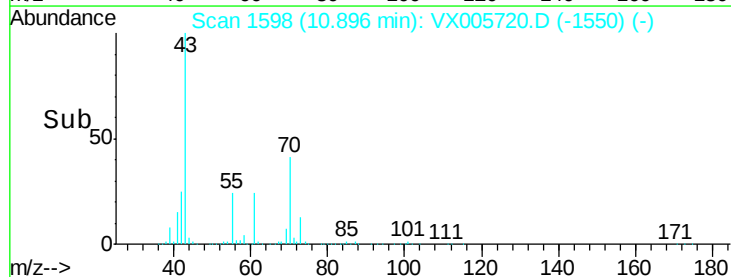
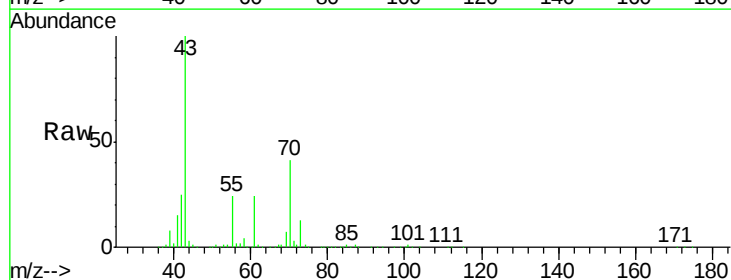
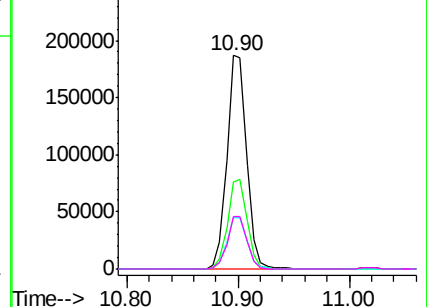
61 24.5 18.3 27.5

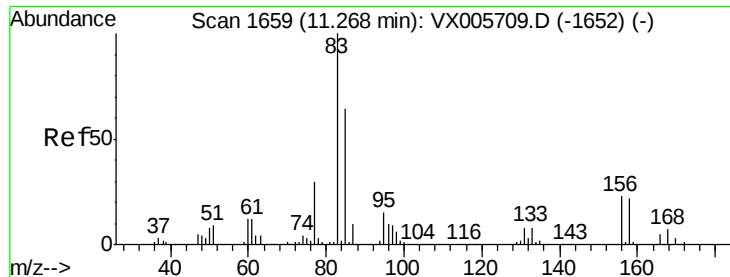
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.276 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 164823
Ion Ratio Lower Upper

83 100

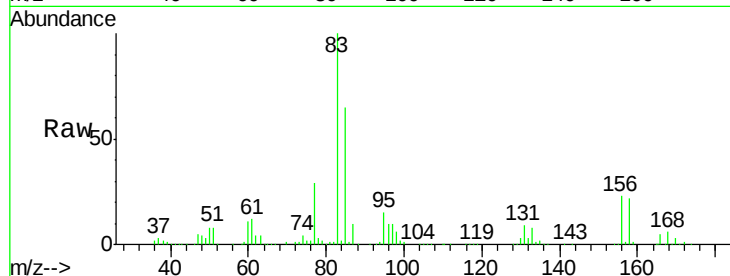
131 9.1 5.3 15.9

85 64.9 32.0 96.2

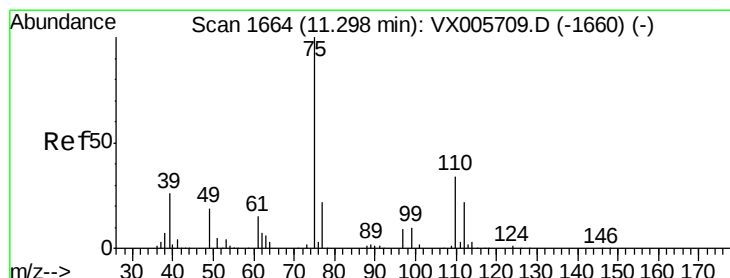
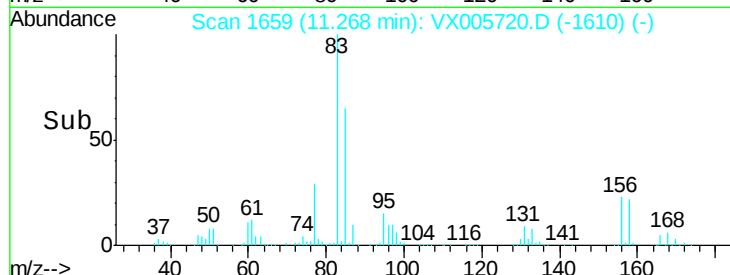
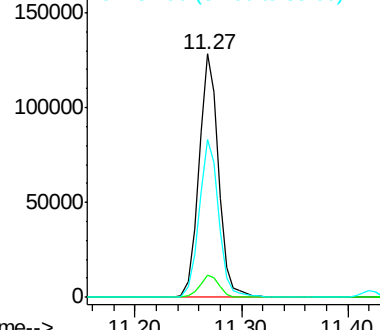
Manual Integrations
APPROVED

MMDadoda

11/2/2018 12:33:57 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.809 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

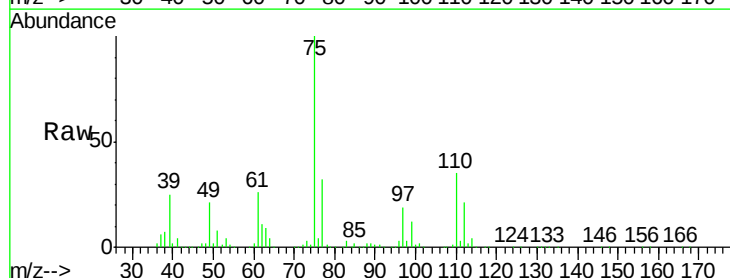
Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

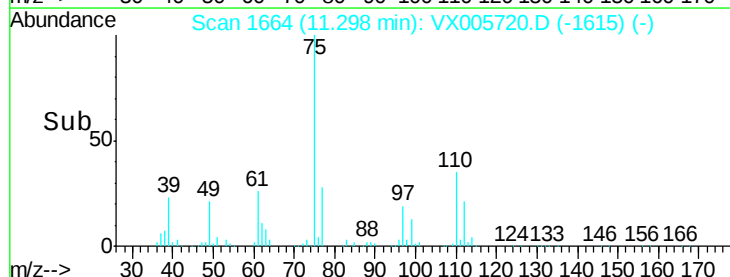
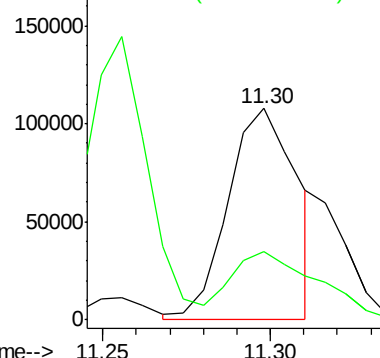
Tgt Ion: 75 Resp: 154553
Ion Ratio Lower Upper

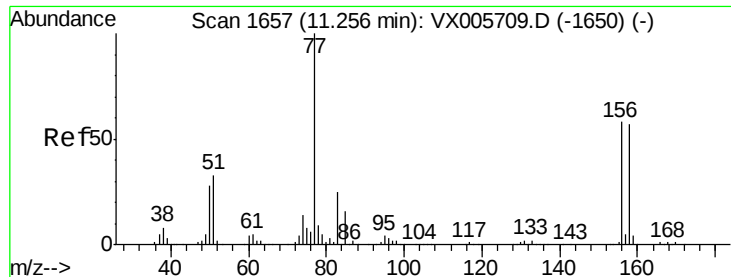
75 100

77 40.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





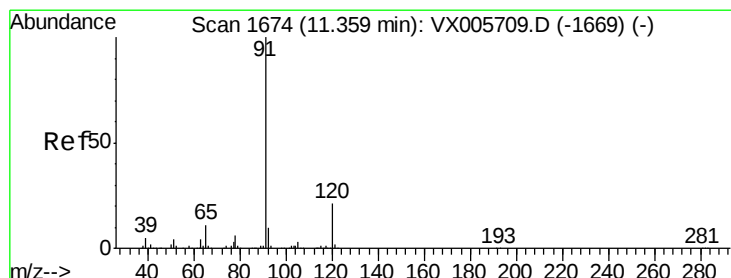
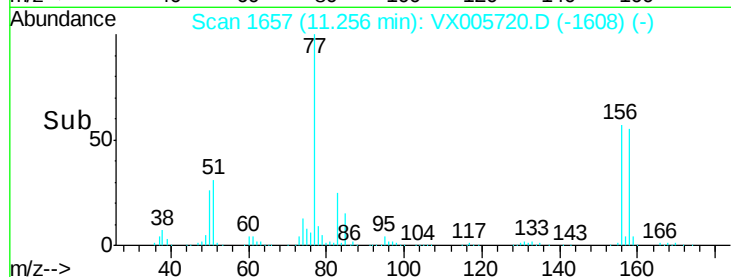
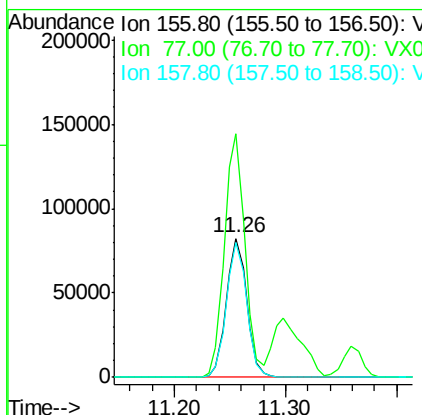
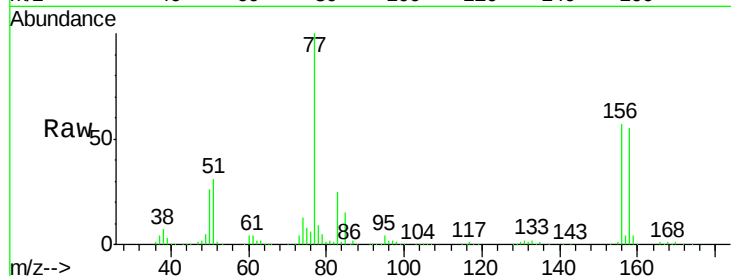
#77
Bromobenzene
Concen: 53.560 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	175.4	74.8	224.4
158	96.3	49.1	147.3

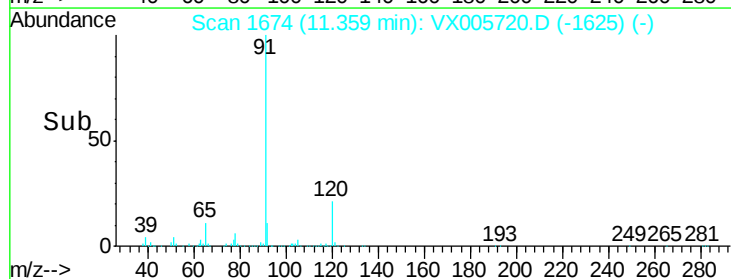
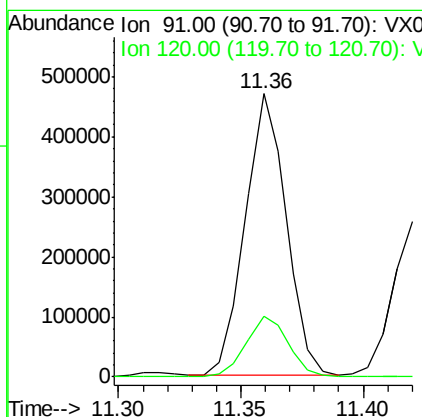
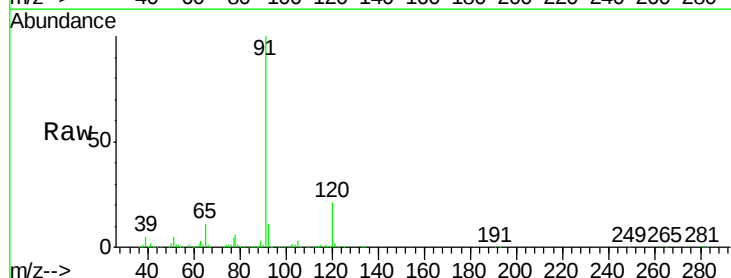
Manual Integrations
APPROVED

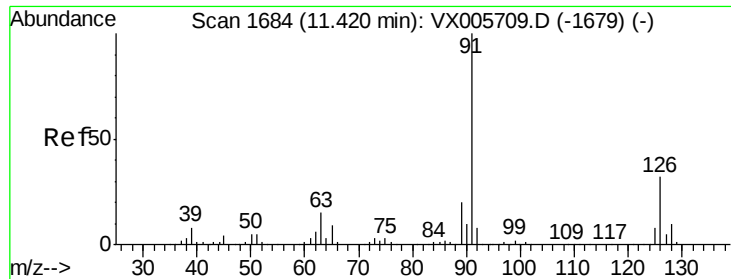
MMDadoda
11/2/2018 12:33:57 PM



#78
n-propylbenzene
Concen: 57.201 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.9	35.5





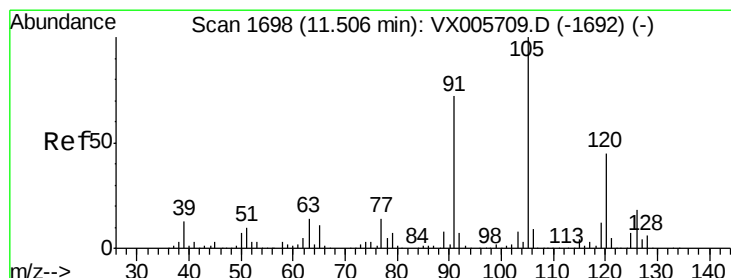
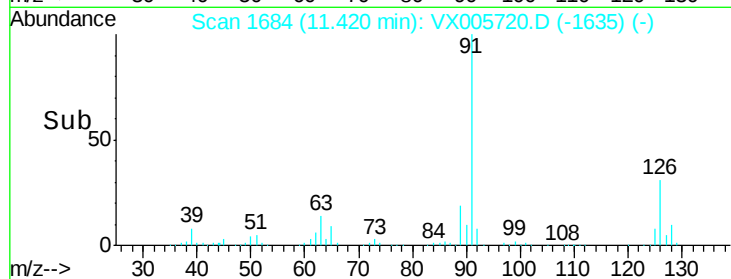
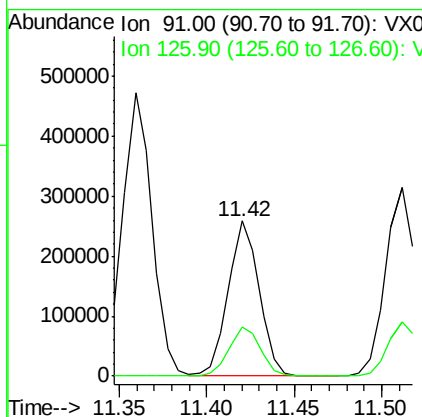
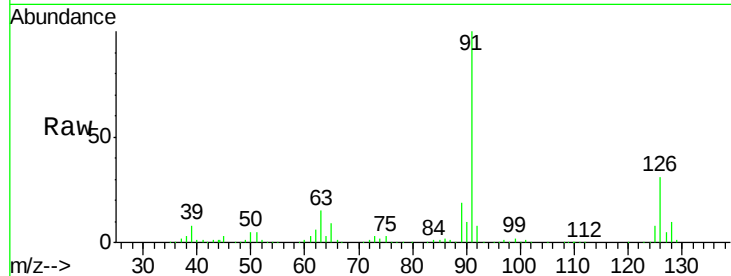
#79
 2-Chlorotoluene
 Concen: 55.300 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion: 91 Resp: 317501
 Ion Ratio Lower Upper
 91 100
 126 32.2 17.3 52.0

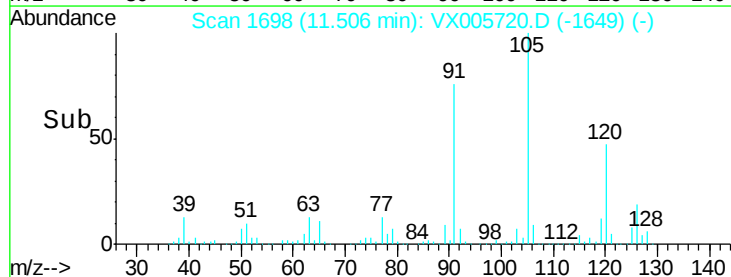
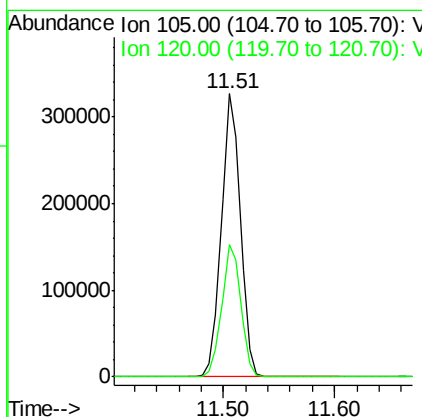
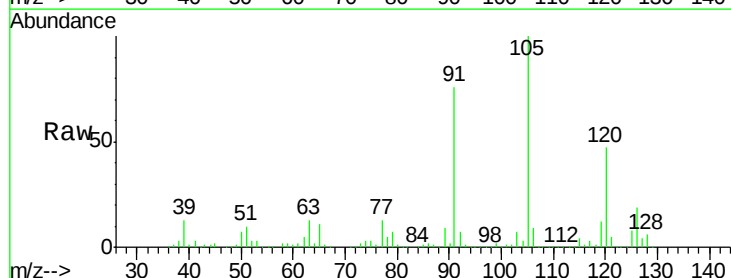
Manual Integrations
 APPROVED

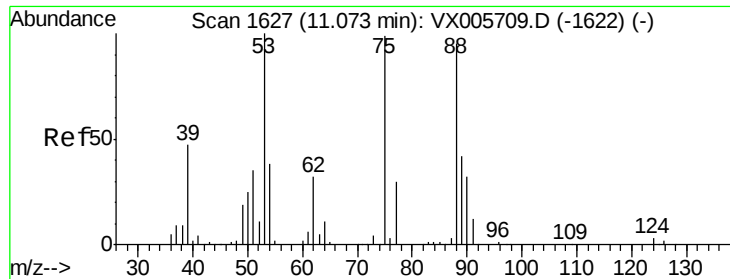
MMDadoda
 11/2/2018 12:33:57 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 57.656 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion: 105 Resp: 386843
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.257 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Instrument :

MSVOA_X

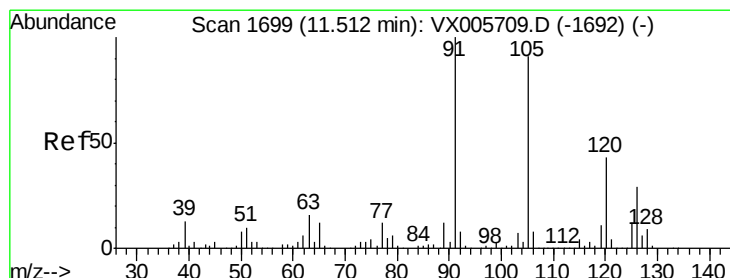
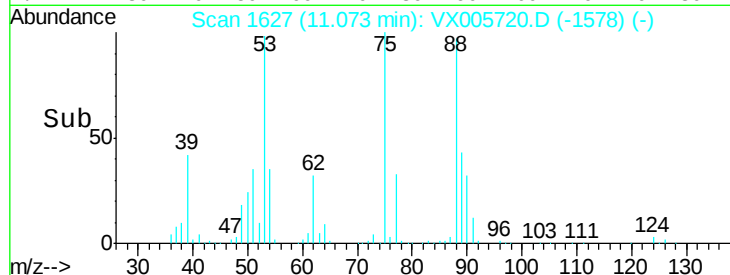
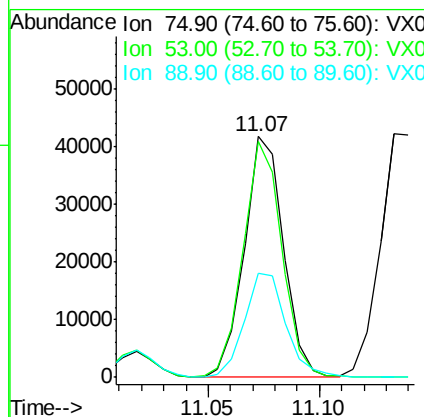
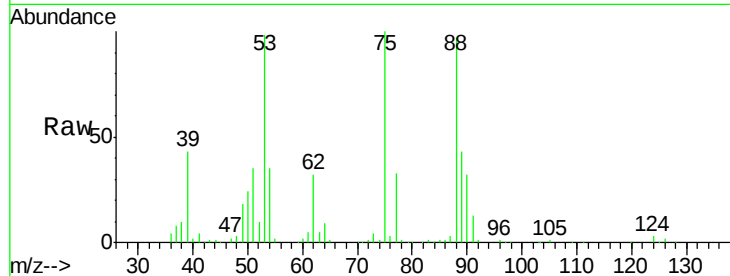
ClientSampled :

VSTDCCC050

Tgt Ion:	75	Resp:	51019
Ion Ratio	Lower	Upper	
75	100		
53	96.9	80.2	120.2
89	46.3	39.8	59.8

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#82

4-Chlorotoluene

Concen: 55.718 ug/l

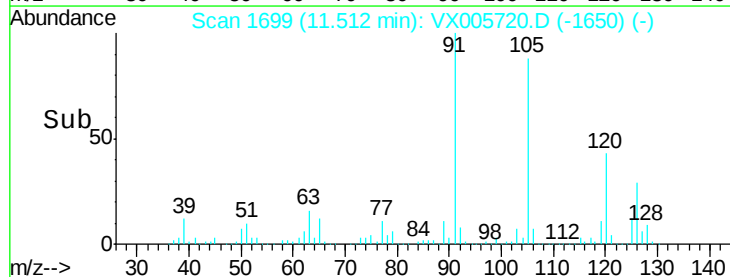
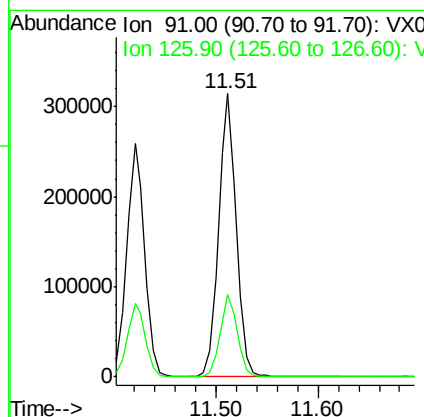
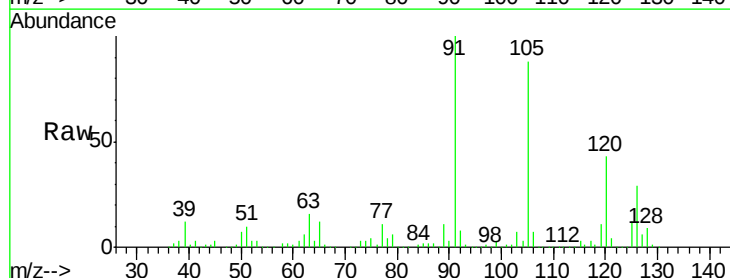
RT: 11.51 min Scan# 1699

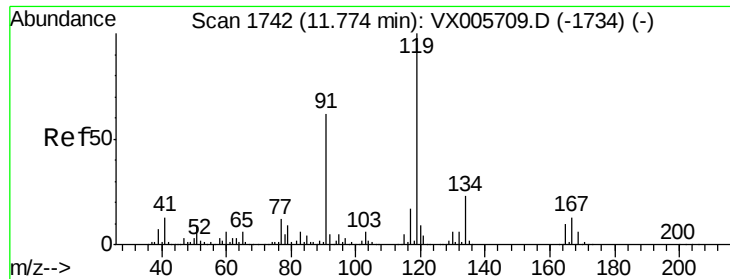
Delta R.T. -0.00 min

Lab File: VX005720.D

Acq: 01 Nov 2018 10:44

Tgt Ion:	91	Resp:	381914
Ion Ratio	Lower	Upper	
91	100		
126	28.6	15.2	45.6





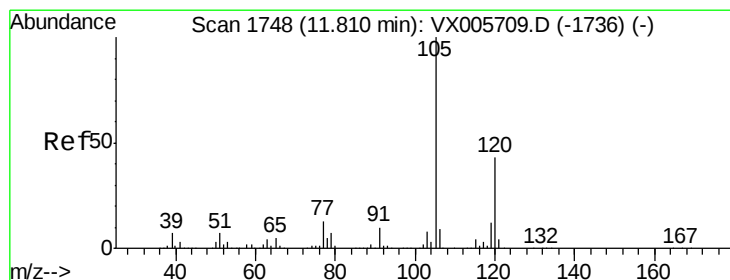
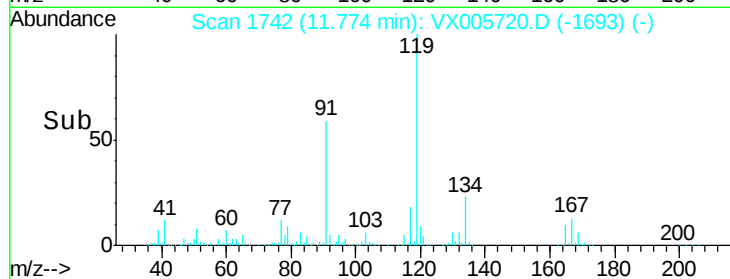
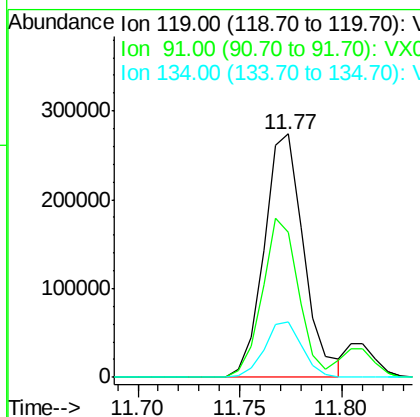
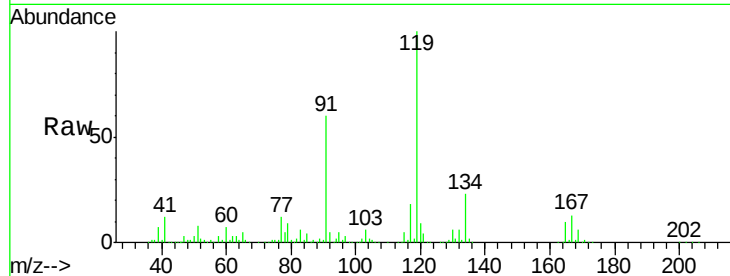
#83
 tert-Butylbenzene
 Concen: 57.930 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	370856		
91	60.1	28.5	85.5	
134	21.8	11.3	33.8	

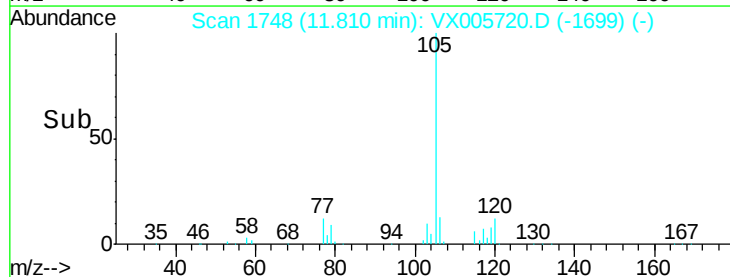
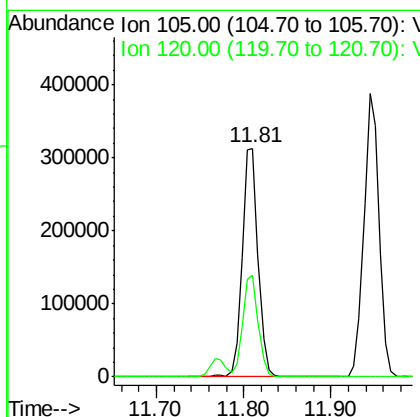
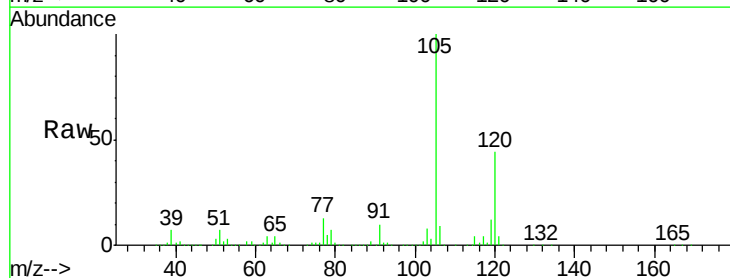
Manual Integrations
 APPROVED

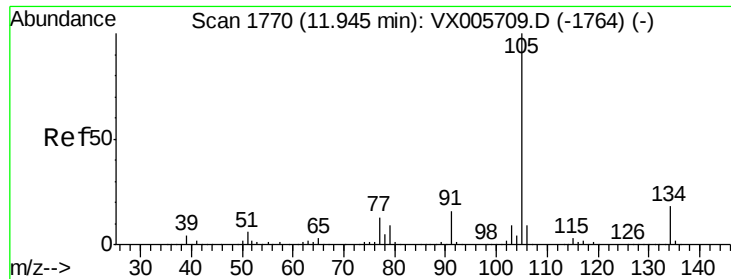
MMDadoda
 11/2/2018 12:33:57 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 58.297 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	394976		
120	43.4	22.4	67.0	





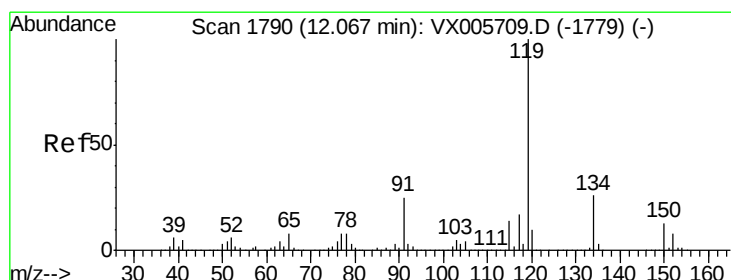
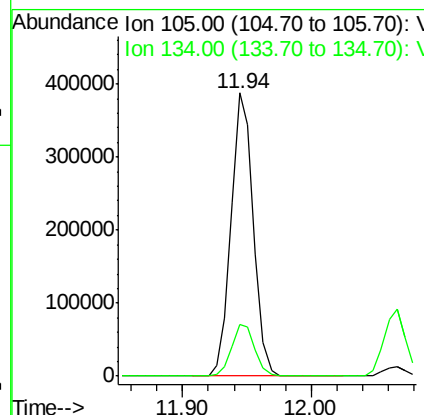
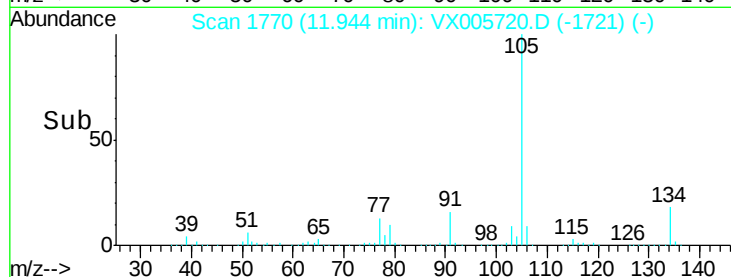
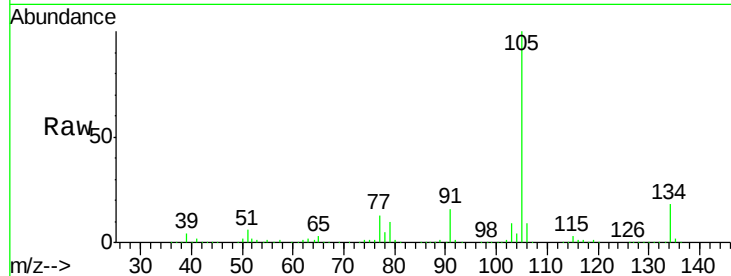
#85
 sec-Butylbenzene
 Concen: 57.527 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 472414
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.2 30.4

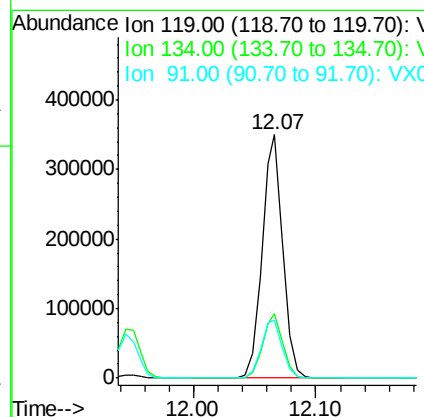
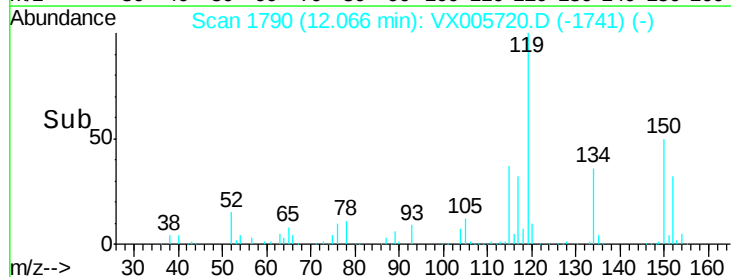
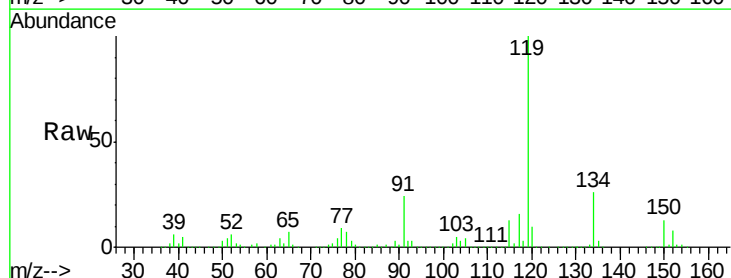
Manual Integrations
 APPROVED

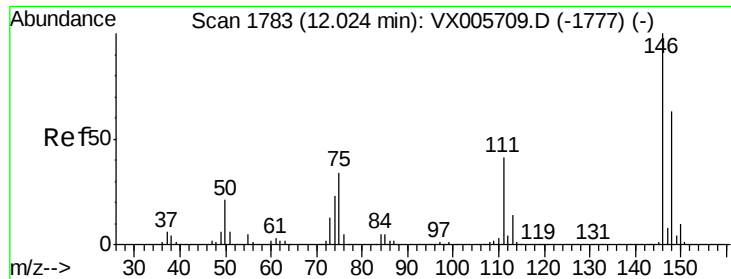
MMDadoda
 11/2/2018 12:33:57 PM



#86
 p-Isopropyltoluene
 Concen: 58.836 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion:119 Resp: 410924
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.6 11.4 34.2





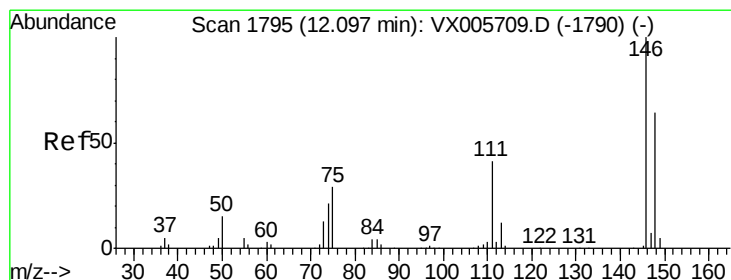
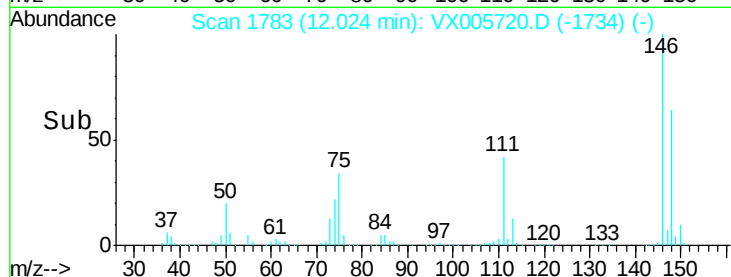
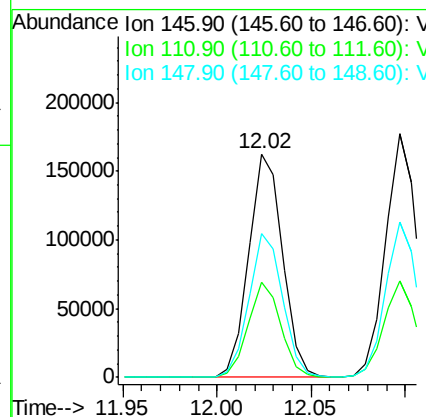
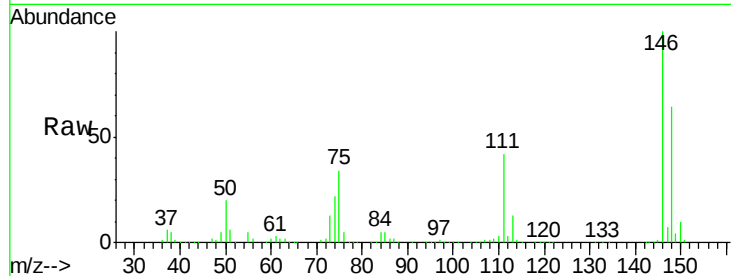
#87
 1,3-Dichlorobenzene
 Concen: 53.482 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.0	57.0
148	64.0	31.9	95.9

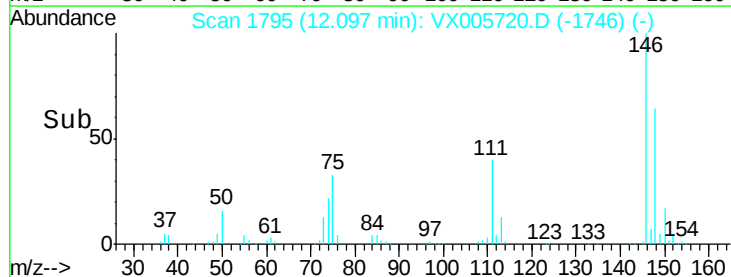
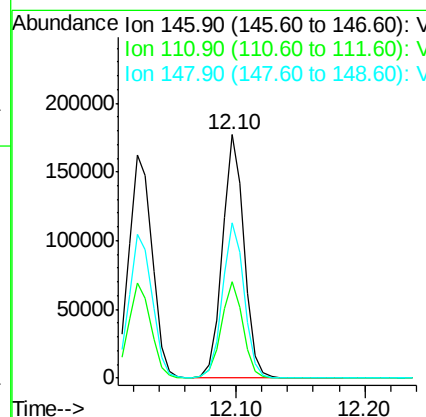
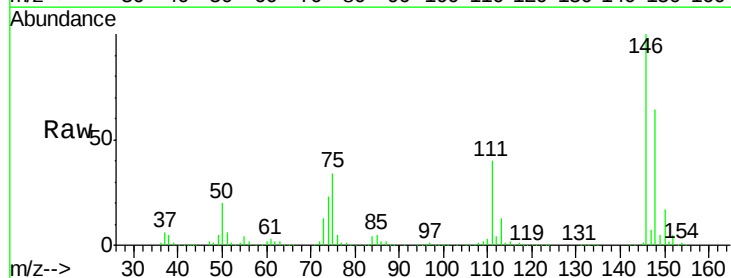
Manual Integrations
 APPROVED

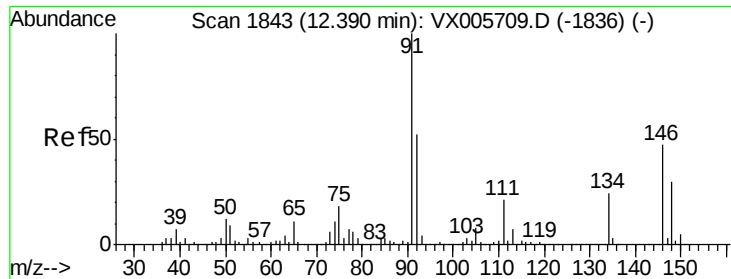
MMDadoda
 11/2/2018 12:33:57 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.395 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.6	55.8
148	64.6	32.1	96.3





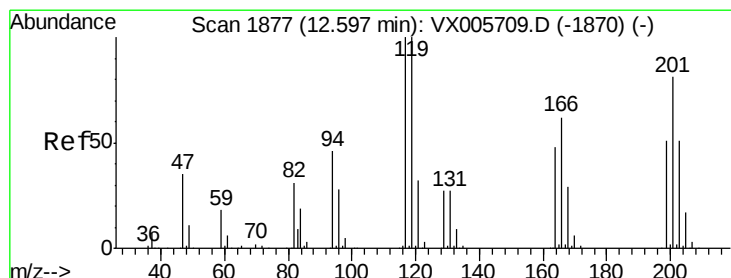
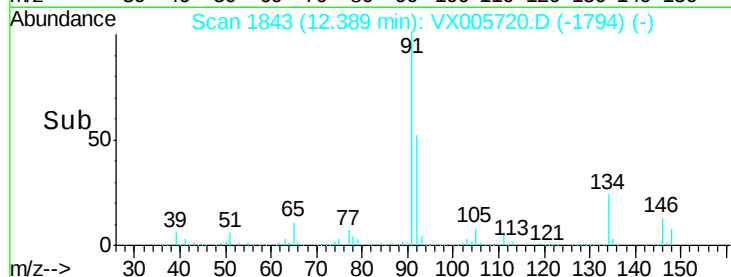
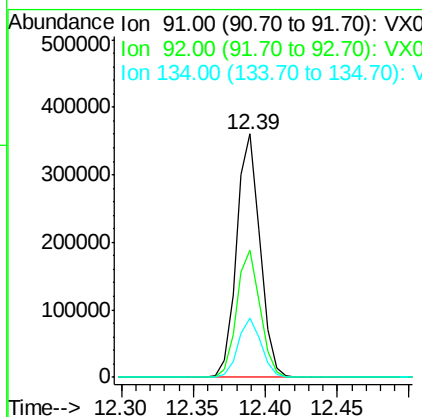
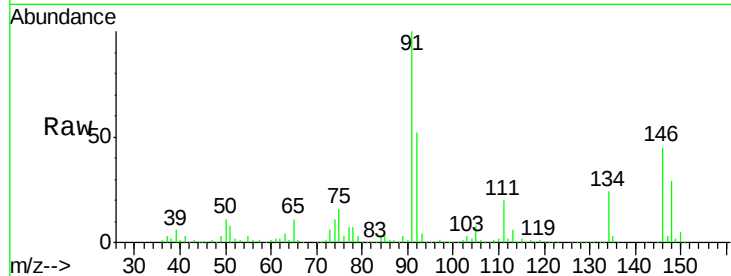
#89
n-Butylbenzene
Concen: 58.175 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	23.8	13.1	39.3

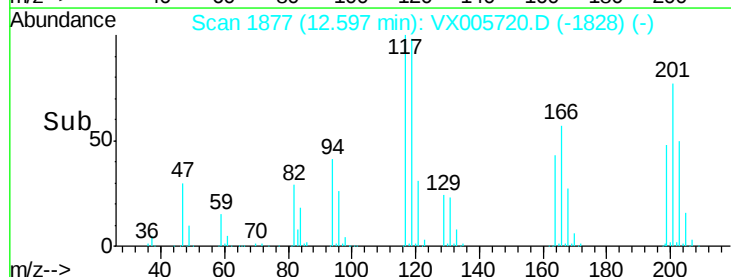
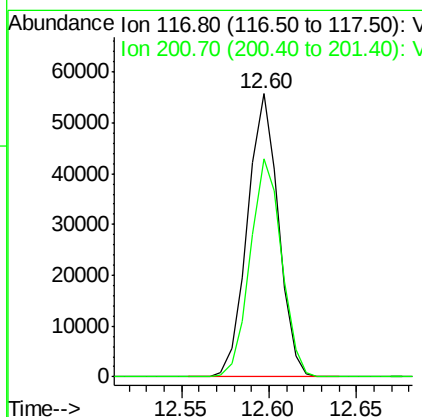
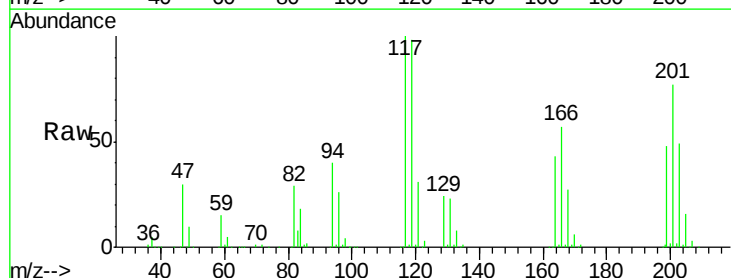
Manual Integrations
APPROVED

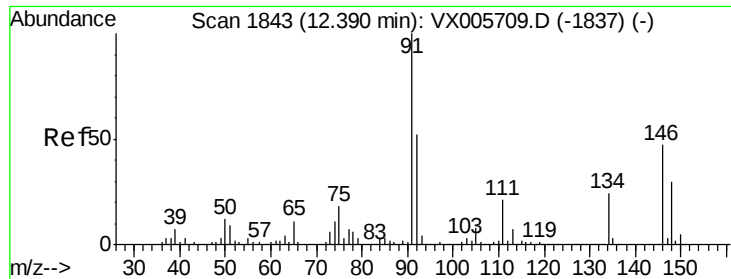
MMDadoda
11/2/2018 12:33:57 PM



#90
Hexachloroethane
Concen: 55.260 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	47.9	143.6





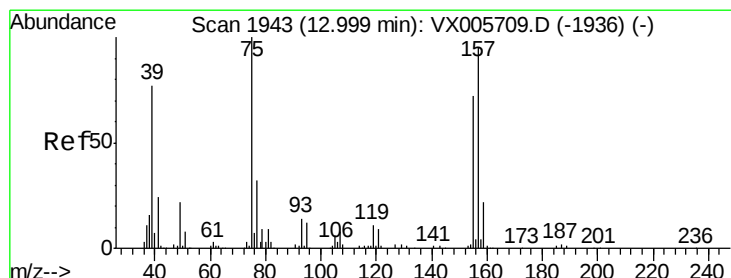
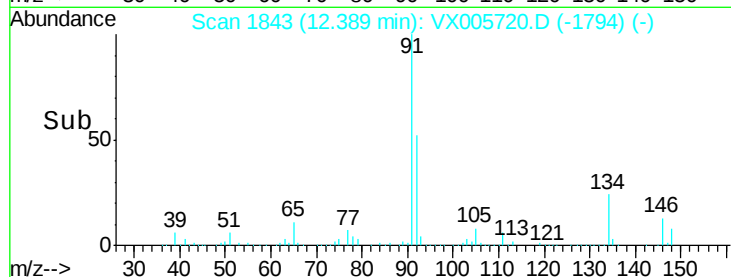
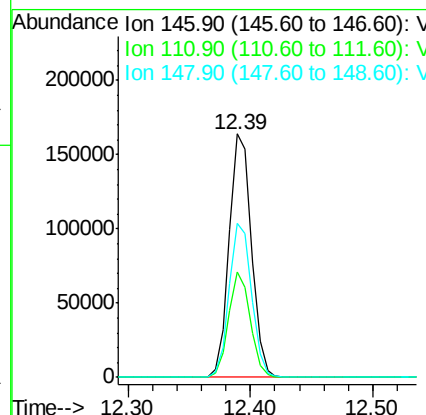
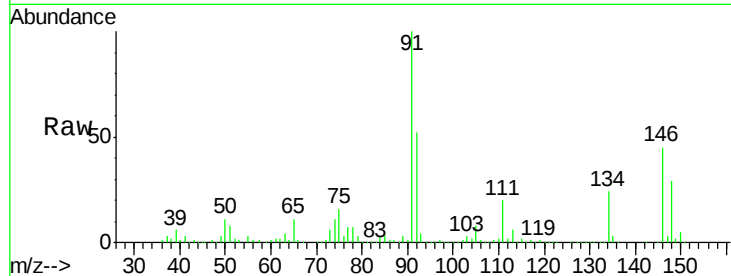
#91
1,2-Dichlorobenzene
Concen: 52.180 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	206617		
111	41.9	20.0	59.9	
148	63.5	32.2	96.6	

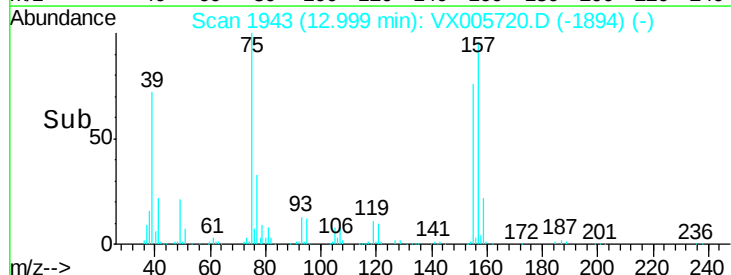
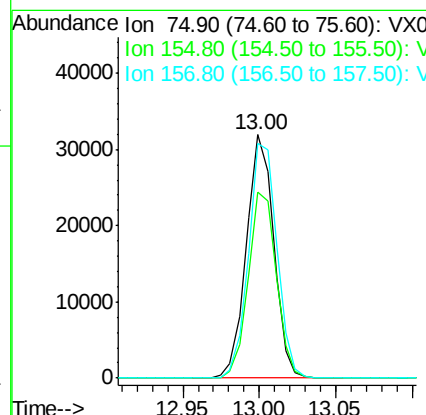
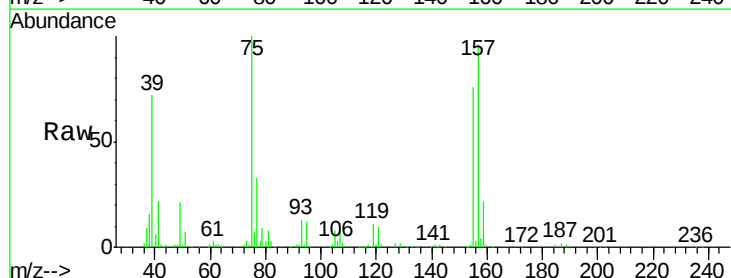
Manual Integrations
APPROVED

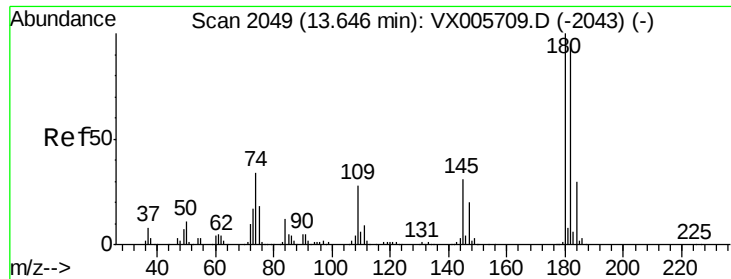
MMDadoda
11/2/2018 12:33:57 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.548 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39636		
155	78.3	45.4	136.1	
157	100.1	57.4	172.0	





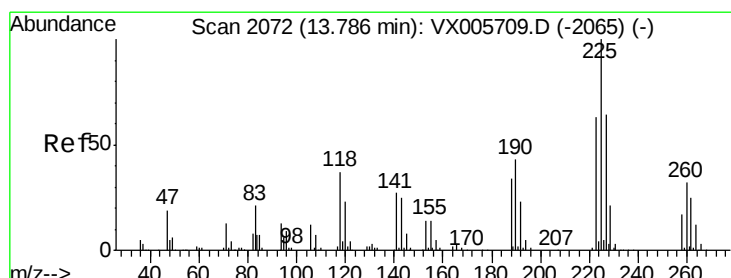
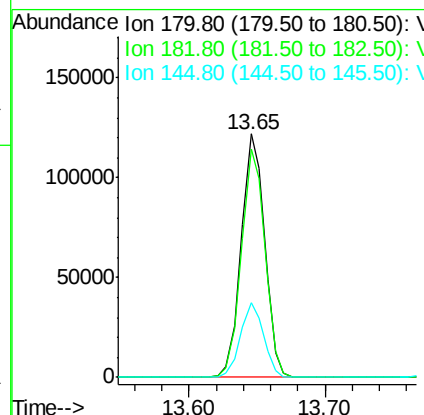
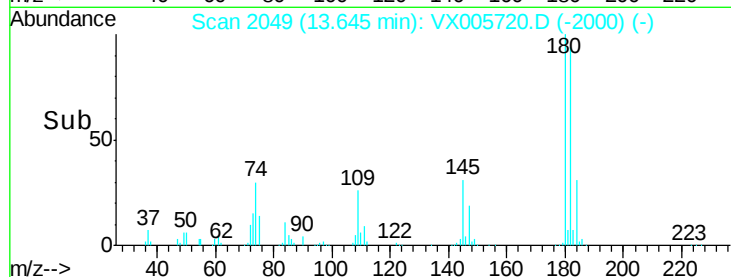
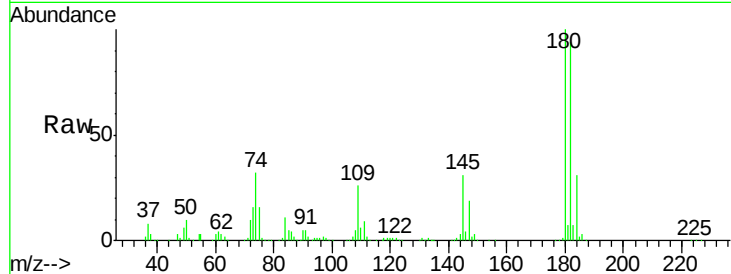
#93
 1,2,4-Trichlorobenzene
 Concen: 57.553 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	30.1	14.1	42.2

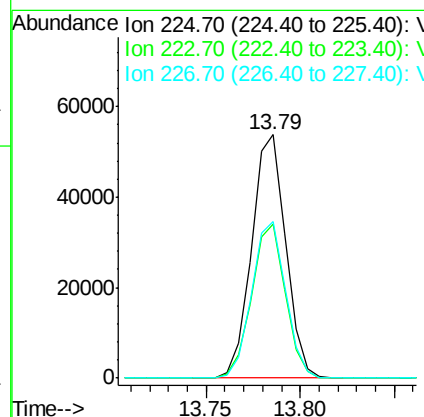
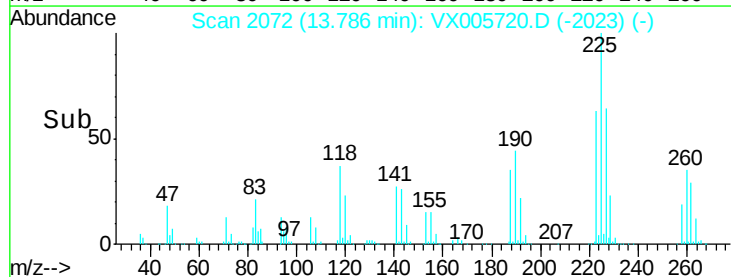
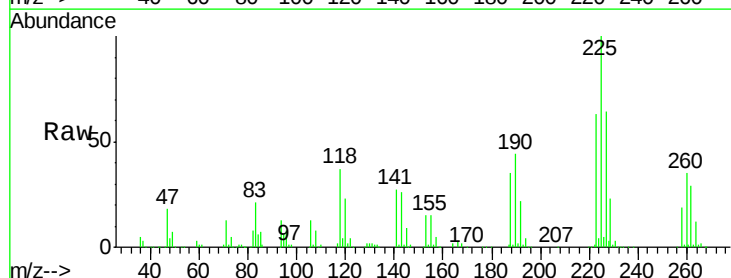
Manual Integrations
 APPROVED

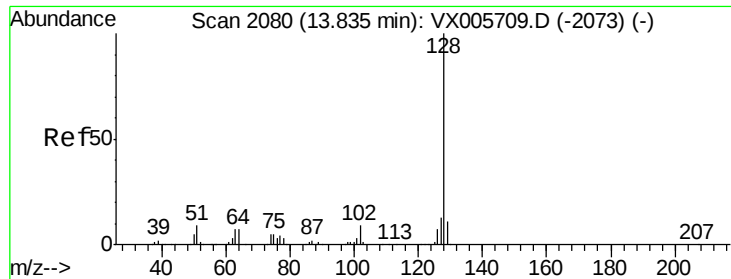
MMDadoda
 11/2/2018 12:33:57 PM



#94
 Hexachlorobutadiene
 Concen: 54.693 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005720.D
 Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.7	95.1
227	64.1	32.3	96.9





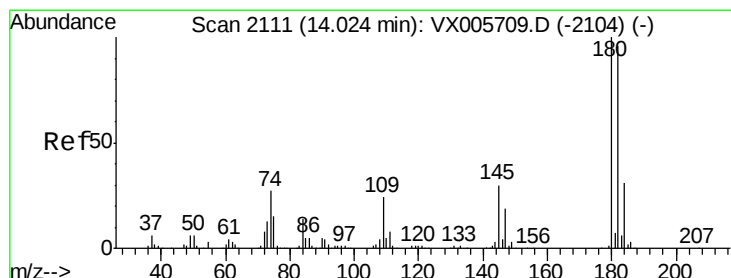
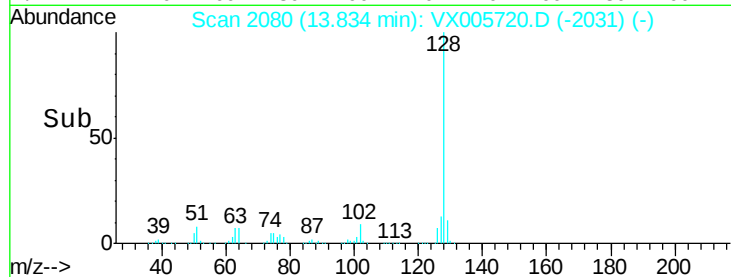
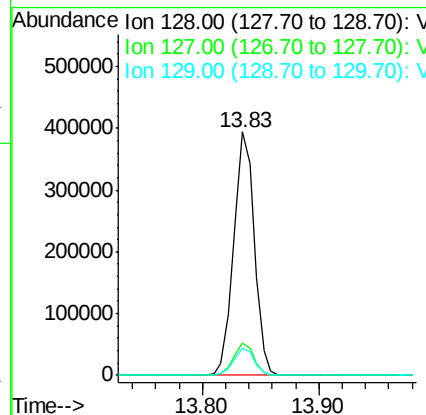
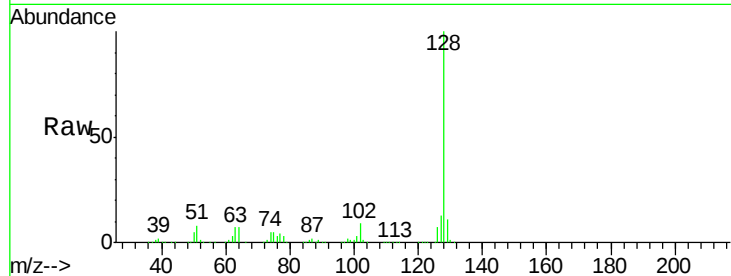
#95
Naphthalene
Concen: 58.191 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	486016		
127	13.1		10.4	15.6
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/2/2018 12:33:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.863 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005720.D
Acq: 01 Nov 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144432		
182	96.1		48.0	144.2
145	32.2		15.1	45.3

