

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014803.D
 Acq On : 04 Feb 2020 12:52
 Operator : JC/SP
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:25:34 PM

Quant Time: Feb 05 03:25:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	400451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	597496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	553893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231600	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.48	113	187698	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.71	98	697003	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	249957	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94389	17.905	ug/l	98
3) Chloromethane	1.32	50	92299	17.038	ug/l	100
4) Vinyl Chloride	1.40	62	106920	18.254	ug/l	100
5) Bromomethane	1.63	94	66318	16.669	ug/l	99
6) Chloroethane	1.72	64	61504	17.452	ug/l	97
7) Trichlorofluoromethane	1.92	101	127583	18.706	ug/l	98
8) Diethyl Ether	2.17	74	57582	19.343	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76696	19.156	ug/l	98
10) Methyl Iodide	2.50	142	95141	18.109	ug/l	98
11) Tert butyl alcohol	3.02	59	98826	94.130	ug/l	98
12) 1,1-Dichloroethene	2.36	96	72748	18.274	ug/l	97
13) Acrolein	2.28	56	57858	69.893	ug/l	98
14) Allyl chloride	2.72	41	131832	18.424	ug/l	99
15) Acrylonitrile	3.12	53	234202	96.412	ug/l	99
16) Acetone	2.43	43	227636	88.915	ug/l	100
17) Carbon Disulfide	2.56	76	178162	16.375	ug/l	98
18) Methyl Acetate	2.76	43	146784	20.064	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	262813	20.156	ug/l	99
20) Methylene Chloride	2.84	84	88512	18.664	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	77869	17.766	ug/l	96
22) Diisopropyl ether	3.84	45	280172	19.681	ug/l	95
23) Vinyl Acetate	3.80	43	1086254	100.098	ug/l	100
24) 1,1-Dichloroethane	3.68	63	148099	19.156	ug/l	99
25) 2-Butanone	4.65	43	334863	91.192	ug/l	97
26) 2,2-Dichloropropane	4.57	77	117336	18.961	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93823	19.126	ug/l	97
28) Bromochloromethane	5.00	49	61400	18.073	ug/l	97
29) Tetrahydrofuran	5.11	42	200440	91.969	ug/l	96
30) Chloroform	5.20	83	148174	19.348	ug/l	99
31) Cyclohexane	5.56	56	128595	17.685	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	123074	19.012	ug/l	99
36) 1,1-Dichloropropene	5.79	75	105486	19.000	ug/l	98
37) Ethyl Acetate	4.81	43	125326	19.709	ug/l	99
38) Carbon Tetrachloride	5.77	117	102905	19.408	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014803.D
 Acq On : 04 Feb 2020 12:52
 Operator : JC/SP
 Sample : VX0204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:25:34 PM

Quant Time: Feb 05 03:25:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130216	18.722	ug/l	96
40) Benzene	6.13	78	333936	19.467	ug/l	99
41) Methacrylonitrile	5.02	41	68986	18.857	ug/l	97
42) 1,2-Dichloroethane	6.18	62	124797	21.067	ug/l	100
43) Isopropyl Acetate	6.43	43	205285	19.715	ug/l	99
44) Trichloroethene	7.20	130	93260	19.247	ug/l	100
45) 1,2-Dichloropropane	7.50	63	87825	19.873	ug/l	99
46) Dibromomethane	7.65	93	58525	20.447	ug/l	99
47) Bromodichloromethane	7.89	83	111955	19.943	ug/l	99
48) Methyl methacrylate	7.76	41	100078	20.115	ug/l	99
49) 1,4-Dioxane	7.73	88	41601	394.462	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	649459	98.821	ug/l	100
52) Toluene	8.78	92	209491	19.867	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	123157	20.374	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	136682	20.555	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	90895	21.054	ug/l	98
56) Ethyl methacrylate	9.17	69	133700	19.400	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148793	20.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	220405	101.513	ug/l	99
59) 2-Hexanone	9.48	43	499738	97.991	ug/l	100
60) Dibromochloromethane	9.57	129	91051	20.205	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92206	20.200	ug/l	100
64) Tetrachloroethene	9.33	164	101263	18.469	ug/l	97
65) Chlorobenzene	10.13	112	230423	19.449	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	86921	19.898	ug/l	98
67) Ethyl Benzene	10.25	91	391327	19.344	ug/l	100
68) m/p-Xylenes	10.35	106	301288	39.313	ug/l	99
69) o-Xylene	10.69	106	143060	19.336	ug/l	99
70) Styrene	10.70	104	246361	19.850	ug/l	100
71) Bromoform	10.85	173	67908	19.549	ug/l #	99
73) Isopropylbenzene	11.01	105	389020	19.889	ug/l	100
74) N-amyl acetate	10.89	43	166447	19.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	131743	18.864	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	114345m	17.668	ug/l	
77) Bromobenzene	11.25	156	102531	19.512	ug/l	99
78) n-propylbenzene	11.35	91	437113	19.688	ug/l	99
79) 2-Chlorotoluene	11.42	91	264221	19.669	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	325203	20.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40341	17.738	ug/l	92
82) 4-Chlorotoluene	11.51	91	300199	19.629	ug/l	99
83) tert-Butylbenzene	11.76	119	302799	19.850	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	324913	19.954	ug/l	98
85) sec-Butylbenzene	11.94	105	374108	20.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	345798	20.023	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181447	19.214	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	182074	19.248	ug/l	98
89) n-Butylbenzene	12.39	91	291970	19.411	ug/l	98
90) Hexachloroethane	12.59	117	60255	18.783	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	185183	19.744	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28839	19.220	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
Data File : VX014803.D
Acq On : 04 Feb 2020 12:52
Operator : JC/SP
Sample : VX0204WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

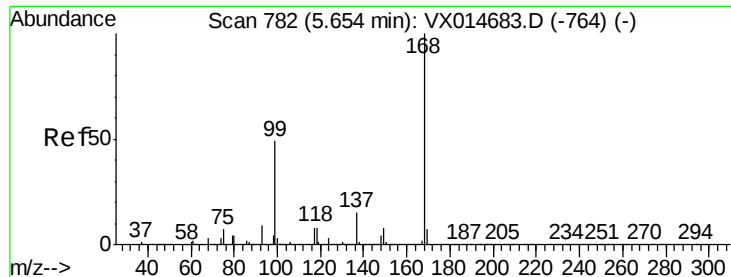
Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM

Quant Time: Feb 05 03:25:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	126921	20.989	ug/l	96
94) Hexachlorobutadiene	13.78	225	62808	20.180	ug/l	100
95) Naphthalene	13.83	128	359269	19.012	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	123861	20.257	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion:168 Resp: 400451

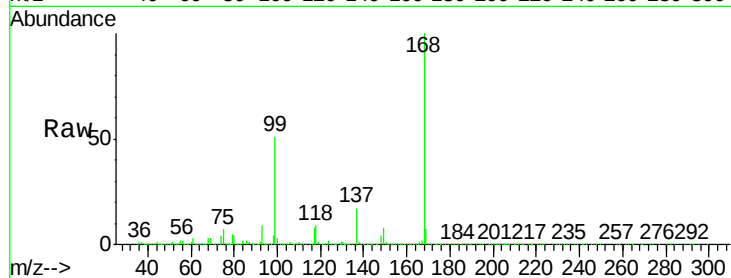
Ion Ratio Lower Upper

168 100

99 50.3 39.8 59.6

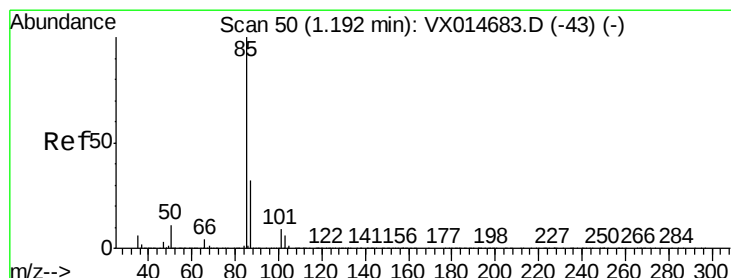
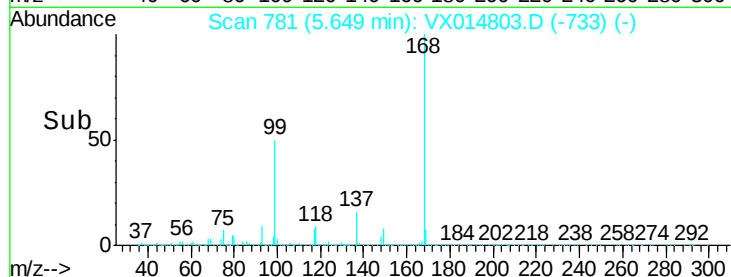
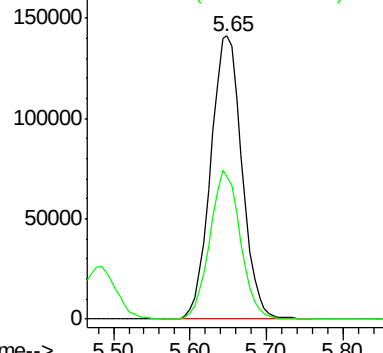
Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.905 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014803.D

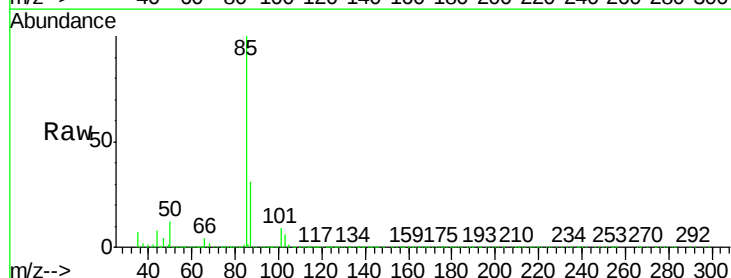
Acq: 04 Feb 2020 12:52

Tgt Ion: 85 Resp: 94389

Ion Ratio Lower Upper

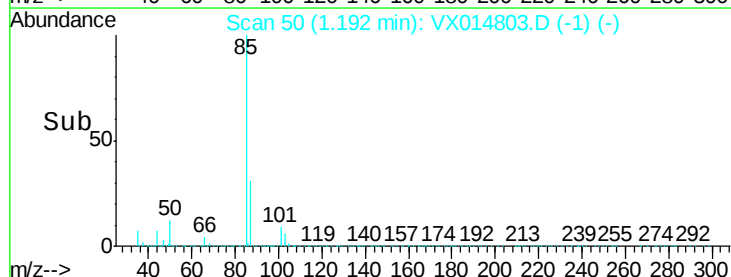
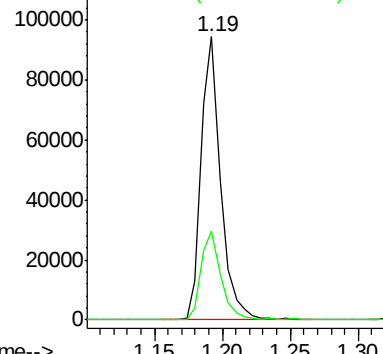
85 100

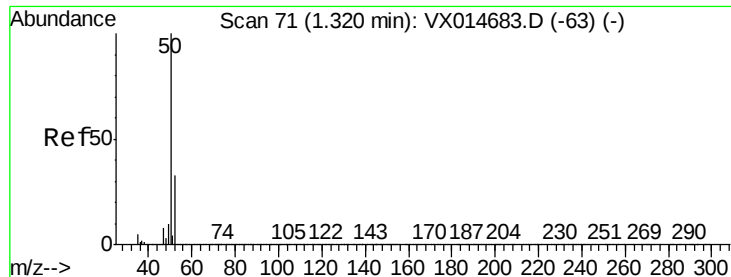
87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





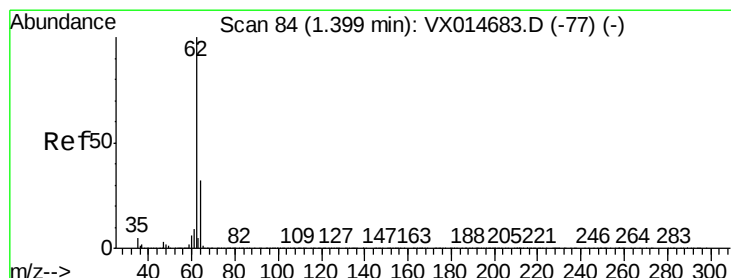
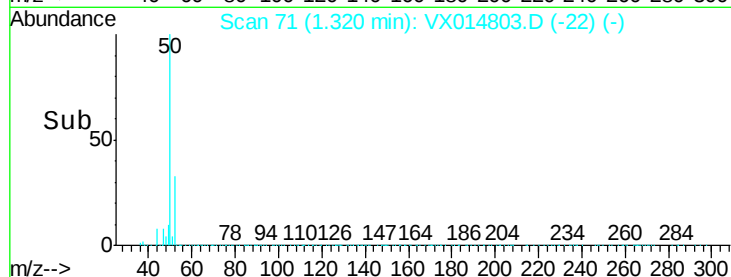
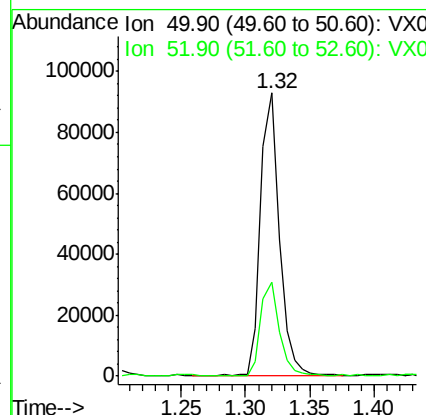
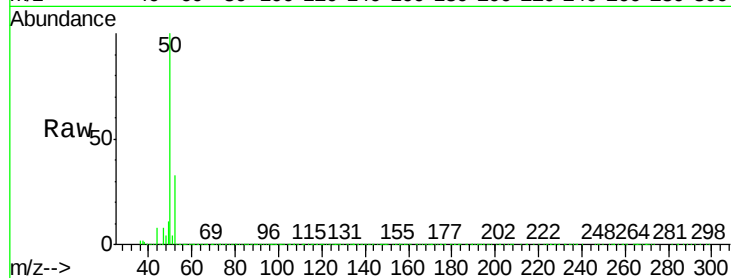
#3
Chloromethane
Concen: 17.038 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	50	Resp	92299
Ion Ratio	100	Lower	Upper
52	32.8	26.2	39.2

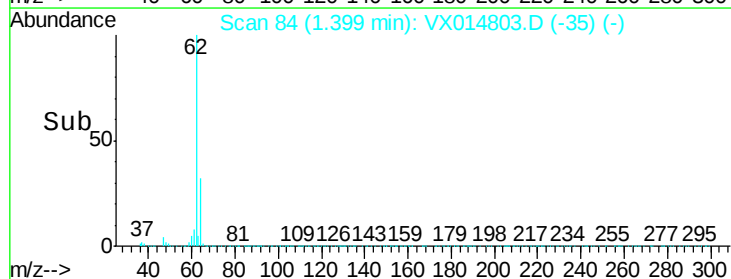
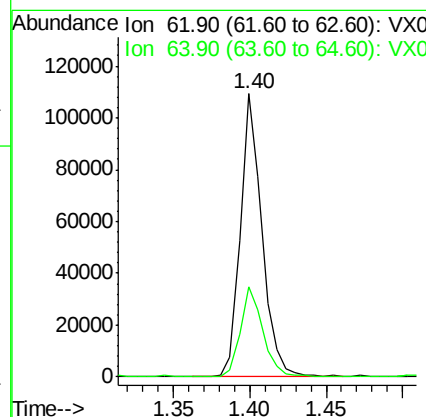
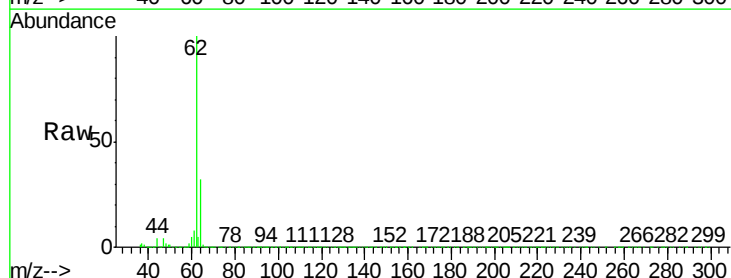
Manual Integrations
APPROVED

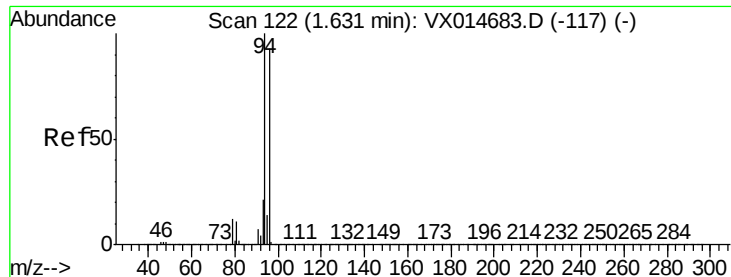
MMDadoda
2/5/2020 12:25:34 PM



#4
Vinyl Chloride
Concen: 18.254 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	62	Resp	106920
Ion Ratio	100	Lower	Upper
64	31.6	25.4	38.2





#5

Bromomethane

Concen: 16.669 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion: 94 Resp: 66318

Ion Ratio Lower Upper

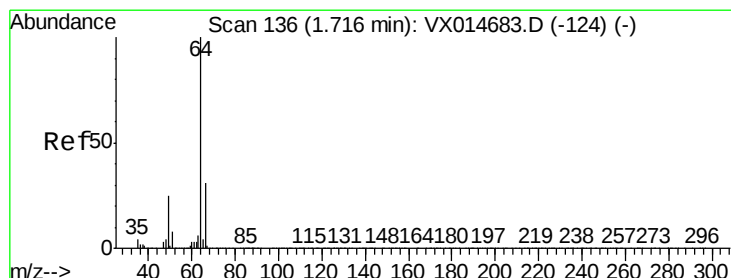
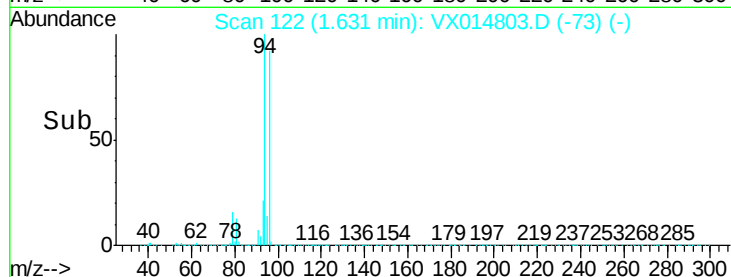
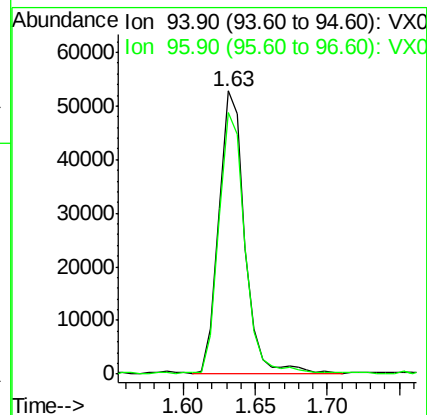
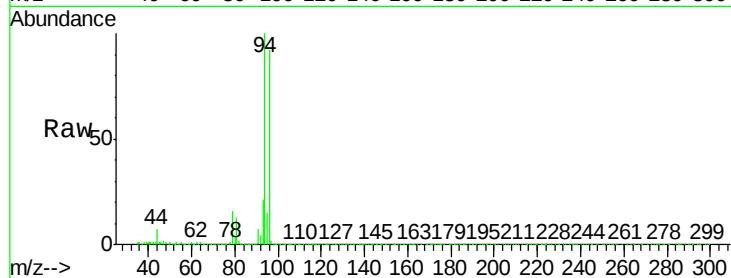
94 100

96 92.1 74.7 112.1

Manual Integrations
APPROVED

MMDadoda

2/5/2020 12:25:34 PM



#6

Chloroethane

Concen: 17.452 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014803.D

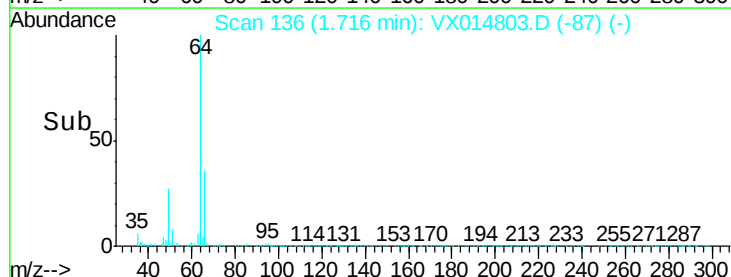
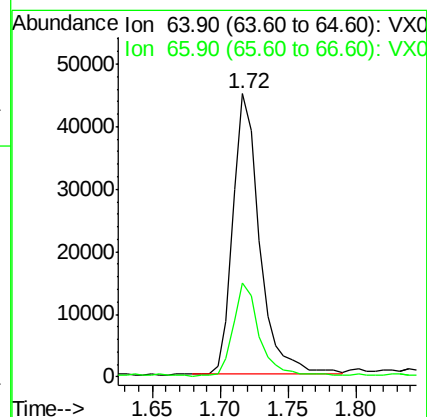
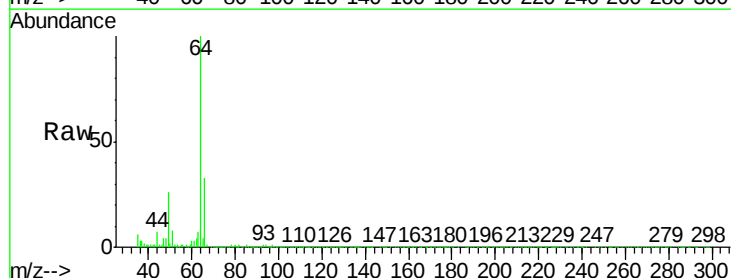
Acq: 04 Feb 2020 12:52

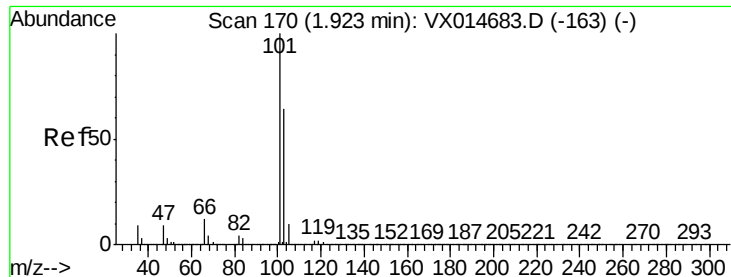
Tgt Ion: 64 Resp: 61504

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8





#7

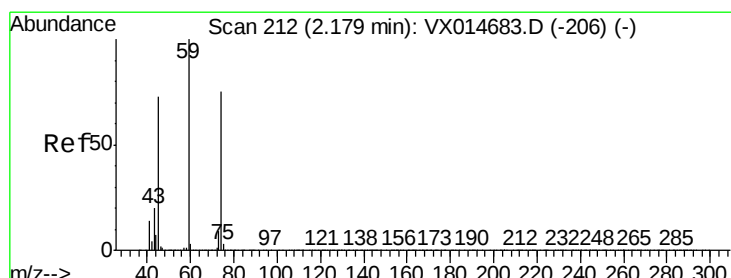
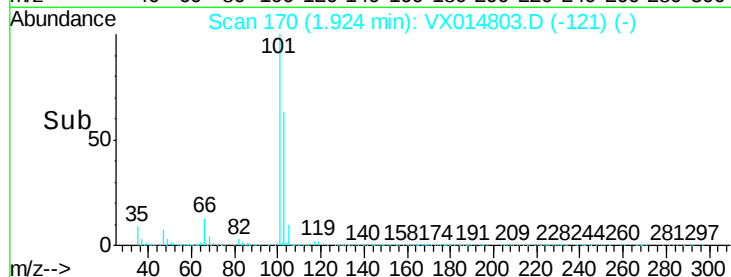
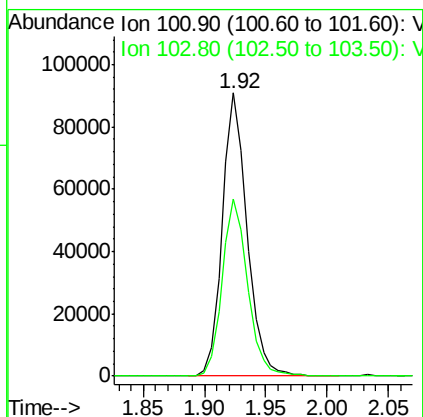
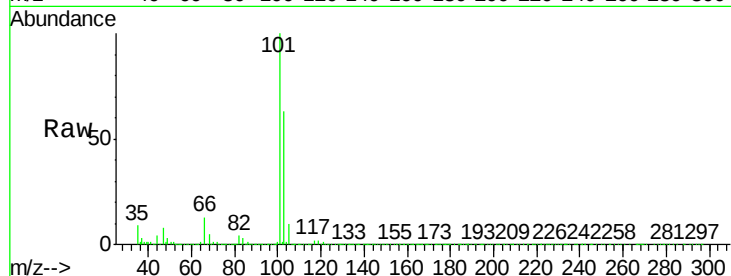
Trichlorofluoromethane
Concen: 18.706 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	127583		
103	62.5	51.0	76.6	

Manual Integrations
APPROVED

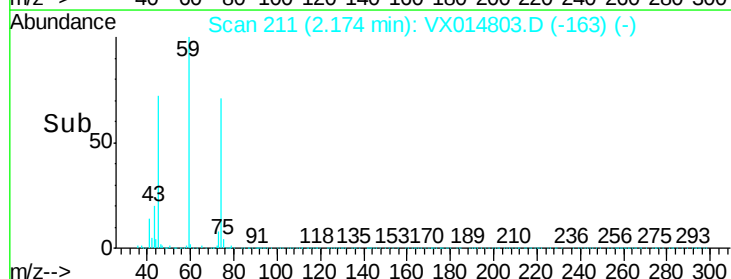
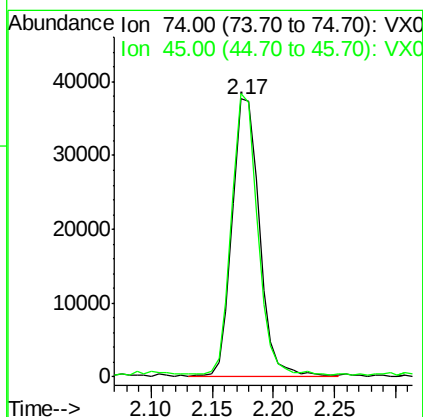
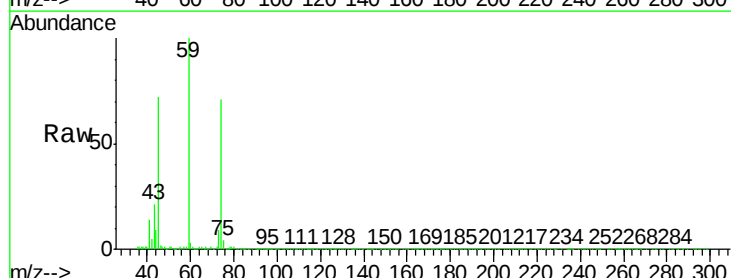
MMDadoda
2/5/2020 12:25:34 PM

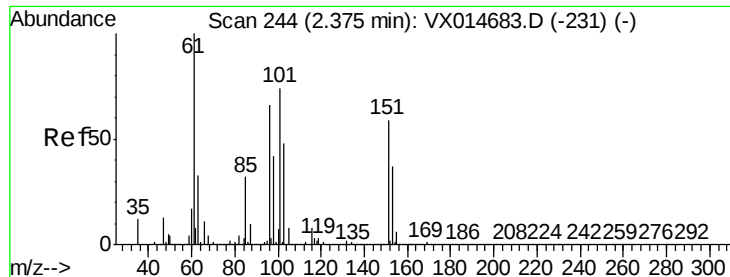


#8

Diethyl Ether
Concen: 19.343 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57582		
45	96.4	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.156 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

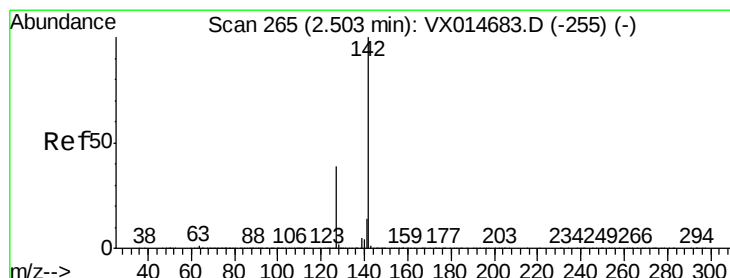
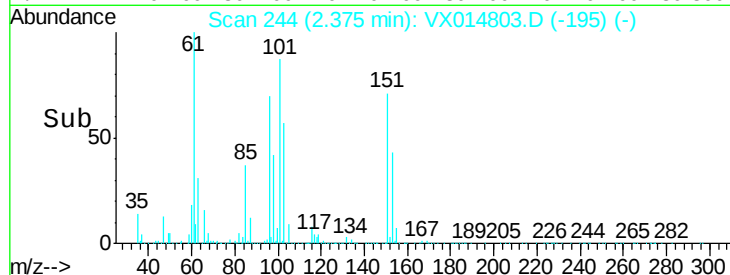
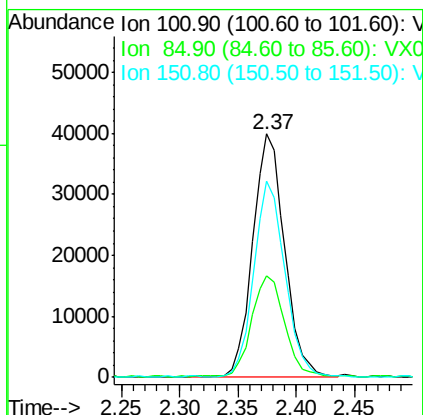
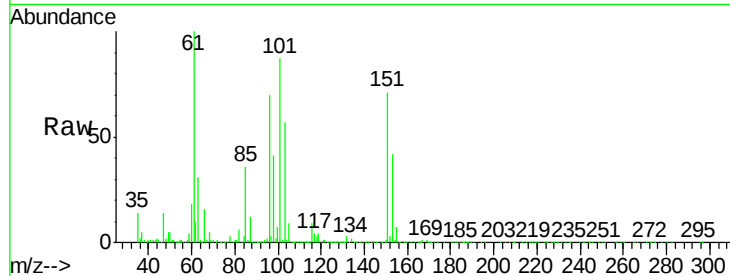
ClientSampleId :

VX0204WBSD01

Tot Ion:	101	Resp:	76696
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.7	52.1
151	78.3	64.7	97.1

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#10

Methyl Iodide

Concen: 18.109 ug/l

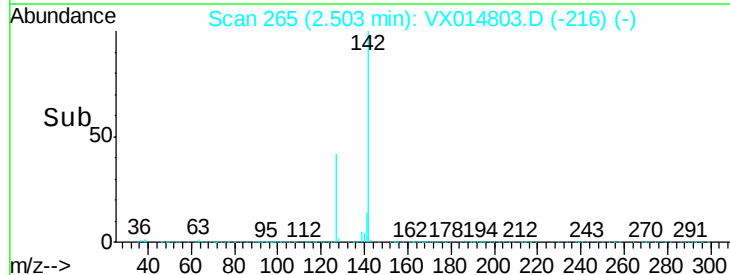
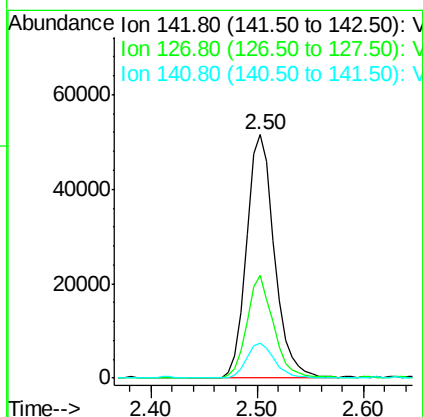
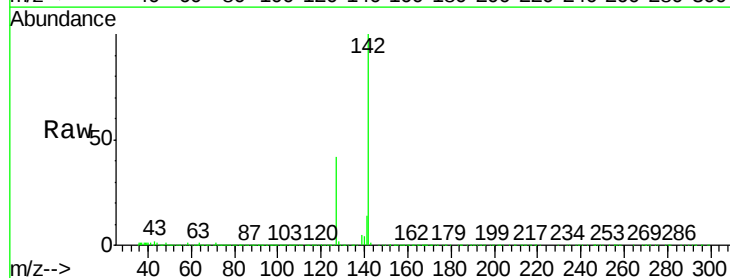
RT: 2.50 min Scan# 265

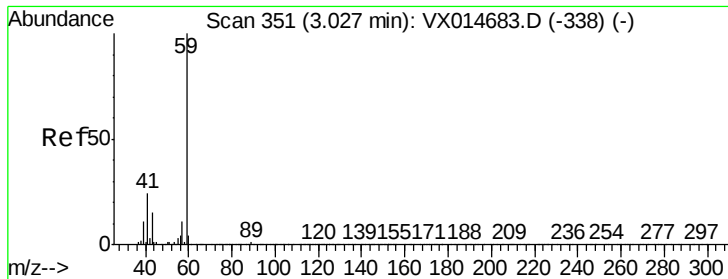
Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion:	142	Resp:	95141
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.1	46.7
141	14.0	11.3	16.9





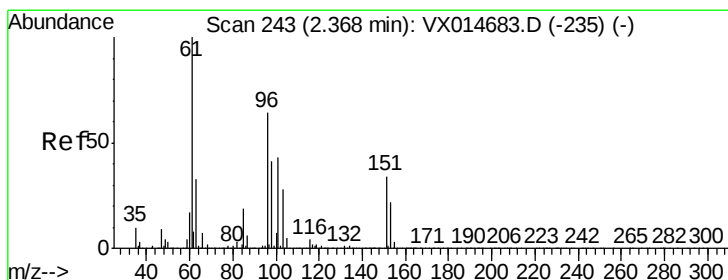
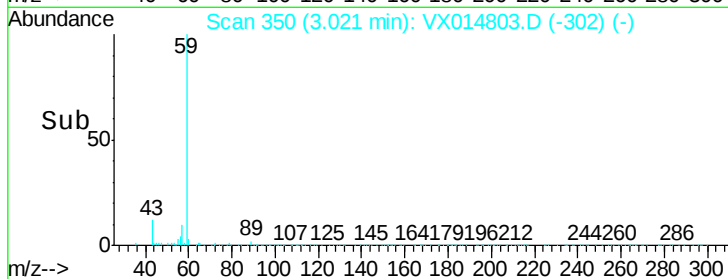
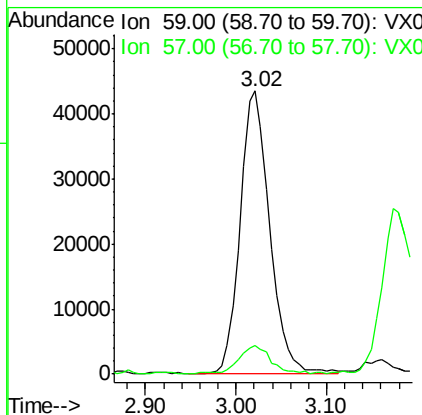
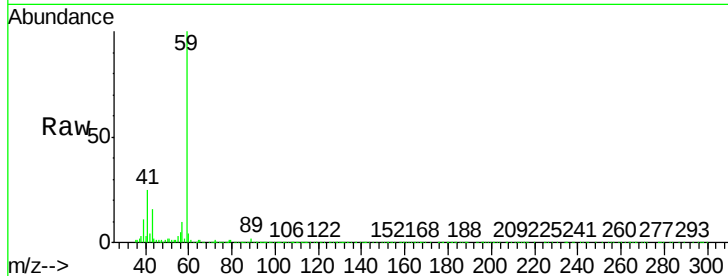
#11
Tert butyl alcohol
Concen: 94.130 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleID :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5

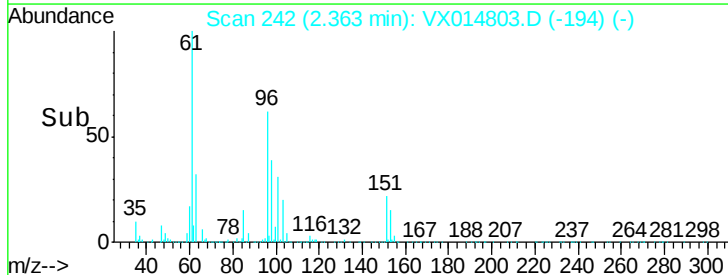
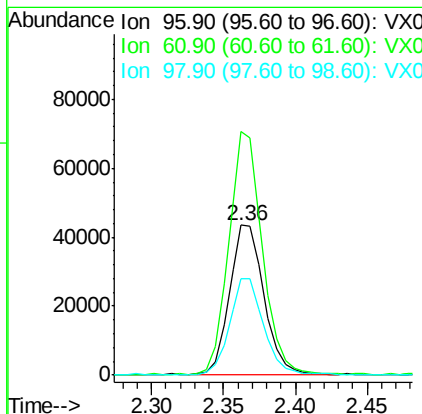
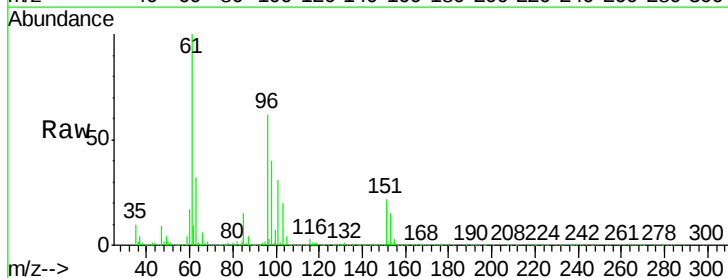
Manual Integrations
APPROVED

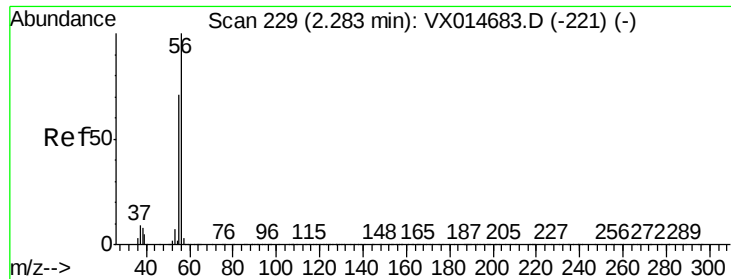
MMDadoda
2/5/2020 12:25:34 PM



#12
1,1-Dichloroethene
Concen: 18.274 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.9	125.8	188.8
98	64.0	51.5	77.3





#13

Acrolein

Concen: 69.893 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion: 56 Resp: 57858

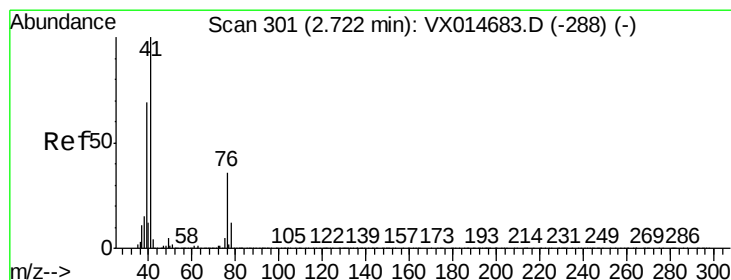
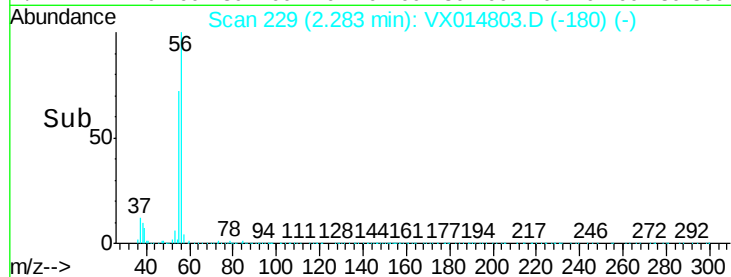
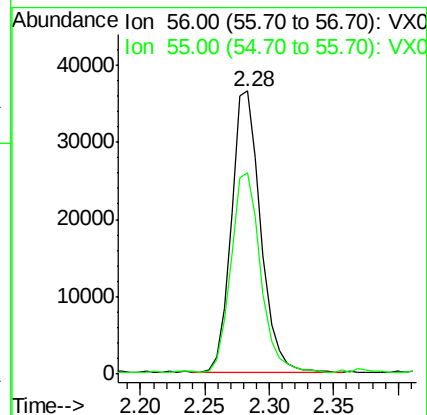
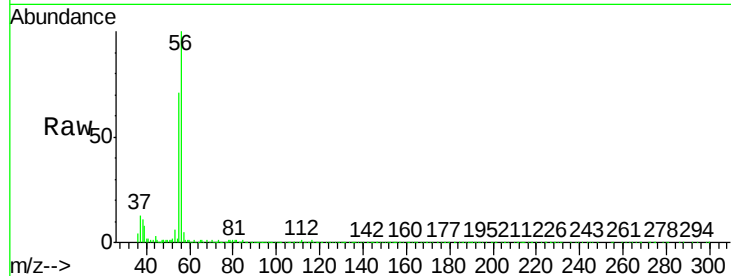
Ion Ratio Lower Upper

56 100

55 72.4 56.6 84.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#14

Allyl chloride

Concen: 18.424 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

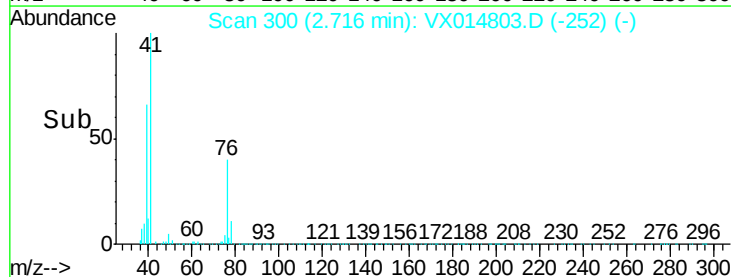
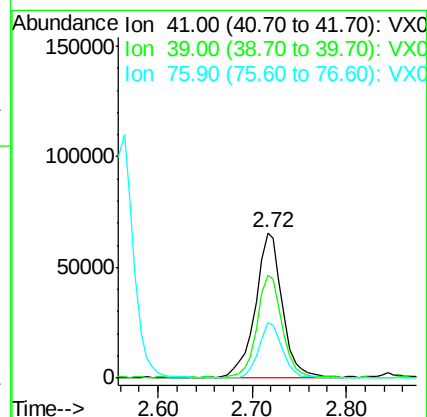
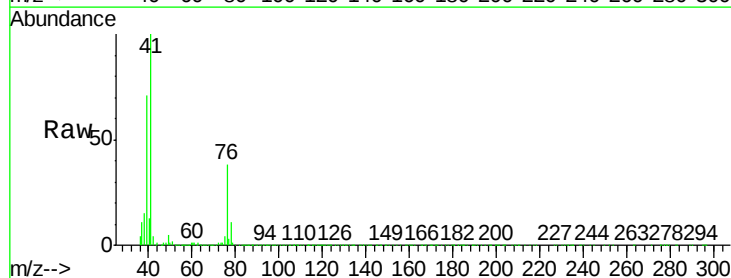
Tgt Ion: 41 Resp: 131832

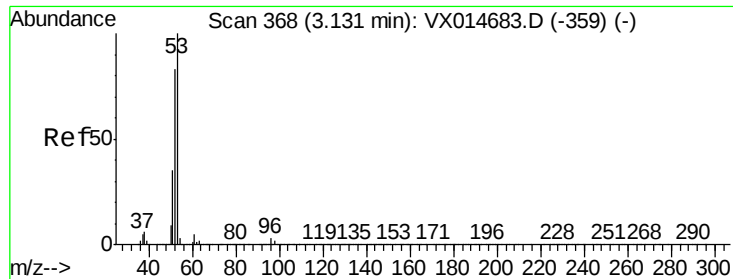
Ion Ratio Lower Upper

41 100

39 65.2 52.0 78.0

76 33.1 26.0 39.0





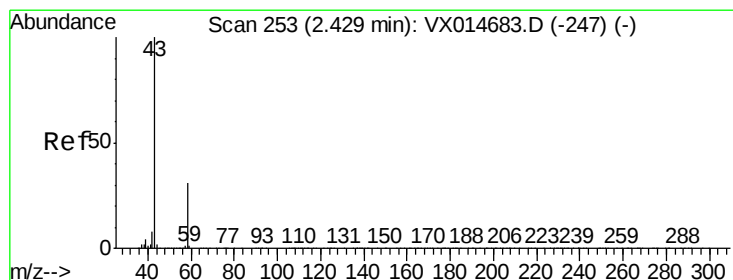
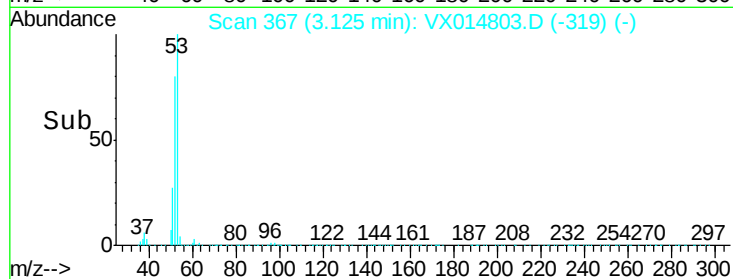
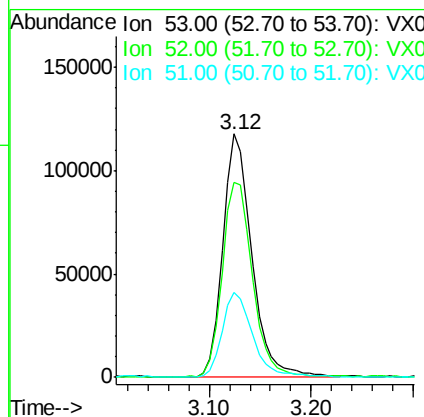
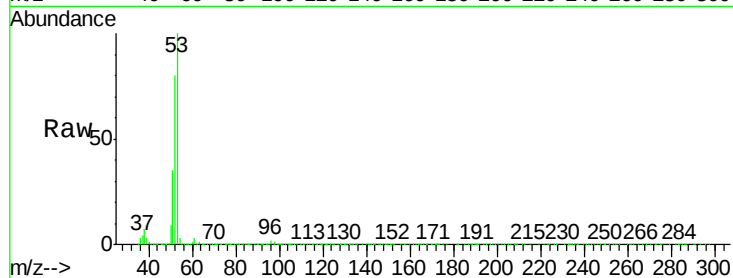
#15
 Acrylonitrile
 Concen: 96.412 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion:	53	Resp:	234202
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.4	99.6
51	36.1	28.7	43.1

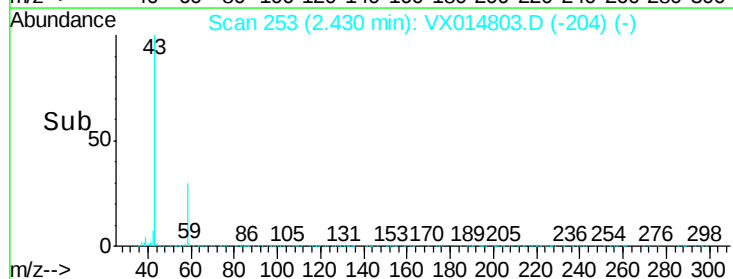
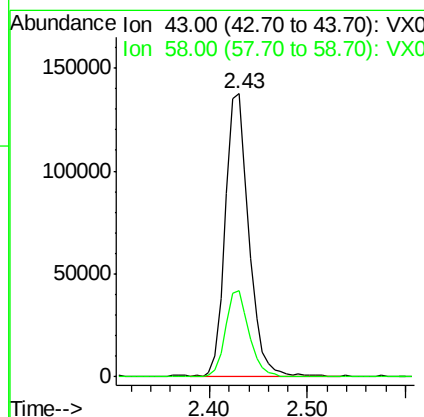
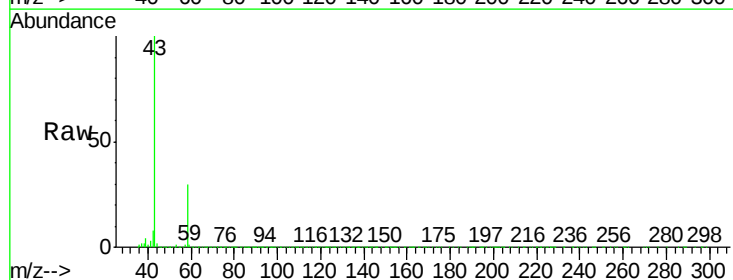
Manual Integrations
 APPROVED

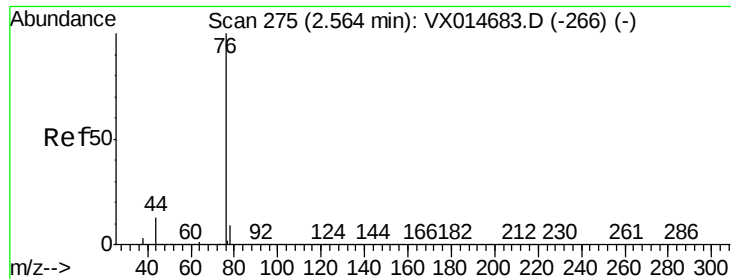
MMDadoda
 2/5/2020 12:25:34 PM



#16
 Acetone
 Concen: 88.915 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion:	43	Resp:	227636
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.5	36.7





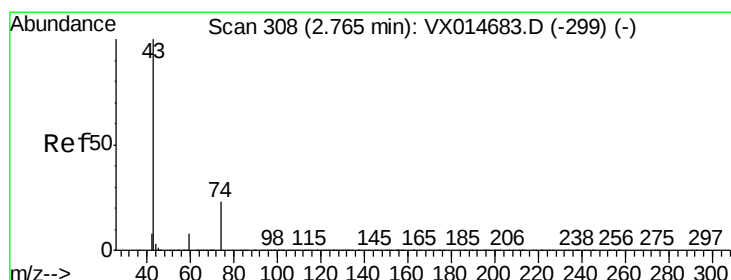
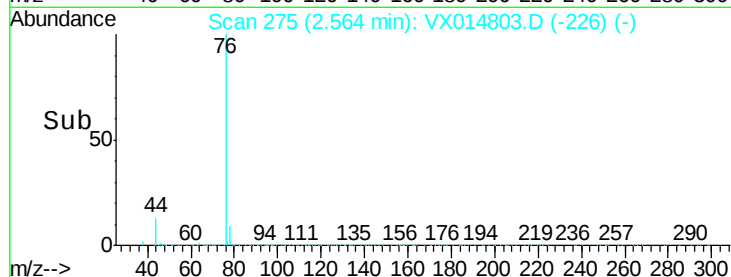
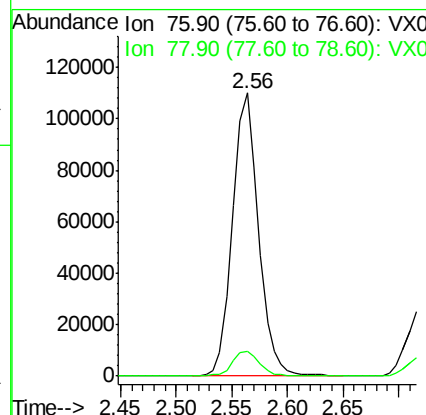
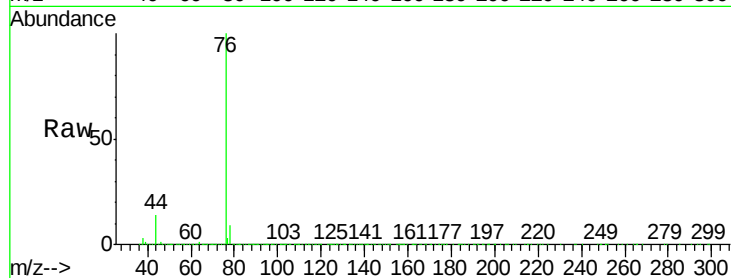
#17
Carbon Disulfide
Concen: 16.375 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.2	10.8

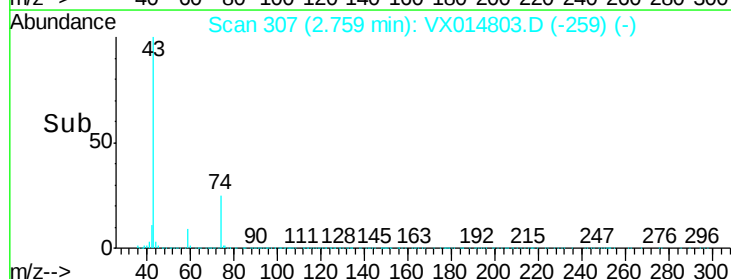
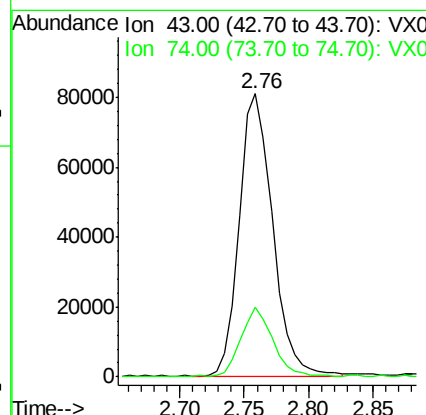
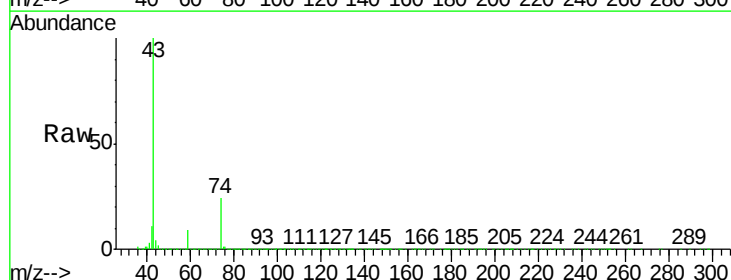
Manual Integrations
APPROVED

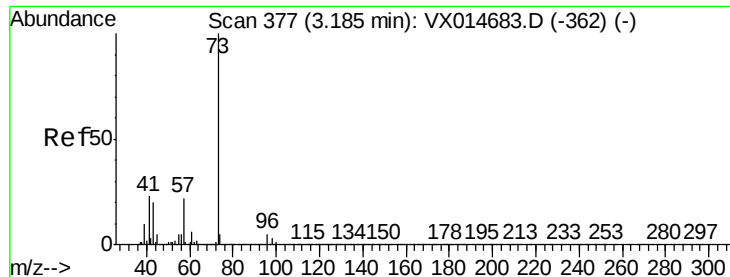
MMDadoda
2/5/2020 12:25:34 PM



#18
Methyl Acetate
Concen: 20.064 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.5	27.7





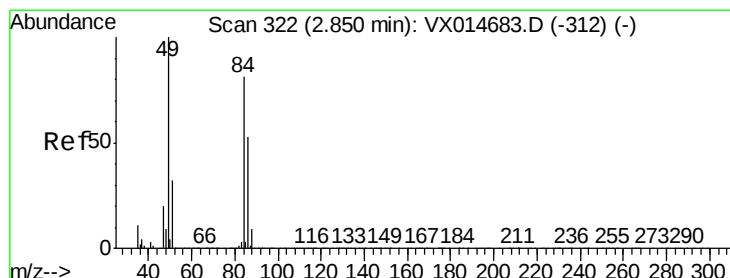
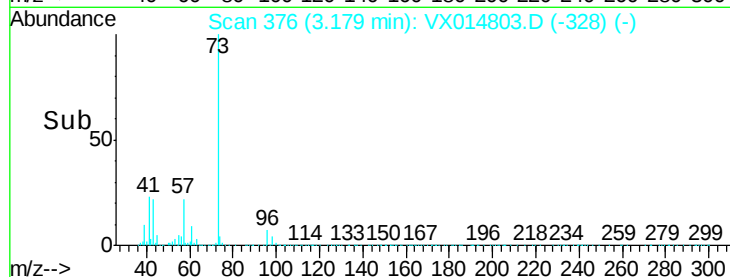
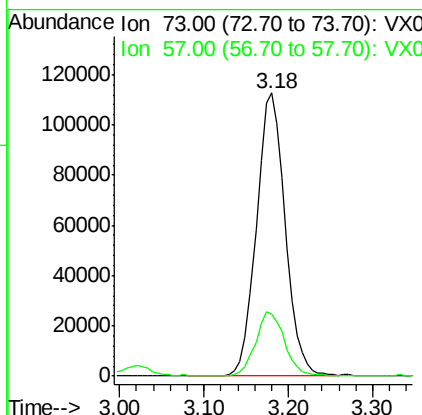
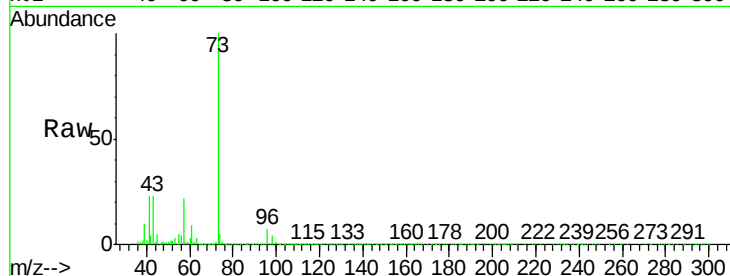
#19
Methvl tert-butvl Ether
Concen: 20.156 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	22.1	18.0	27.0

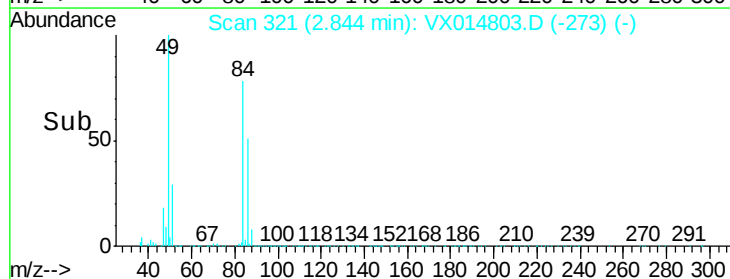
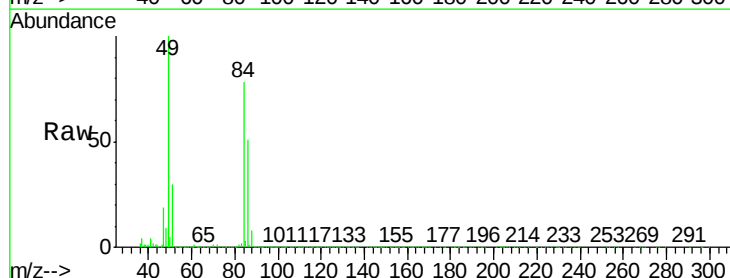
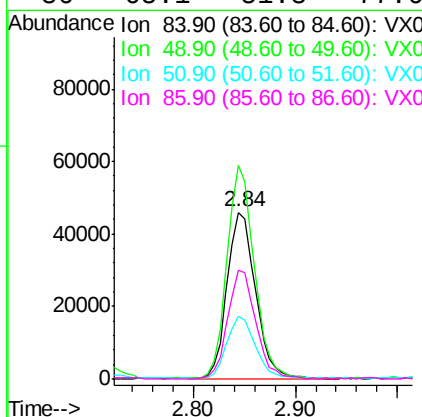
Manual Integrations
APPROVED

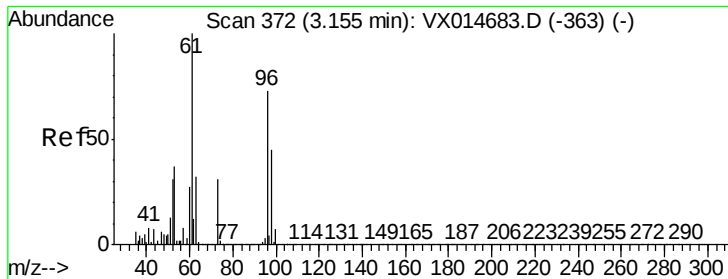
MMDadoda
2/5/2020 12:25:34 PM



#20
Methylene Chloride
Concen: 18.664 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	127.8	98.2	147.4
51	51	37.6	31.3	46.9
86	86	65.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.766 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

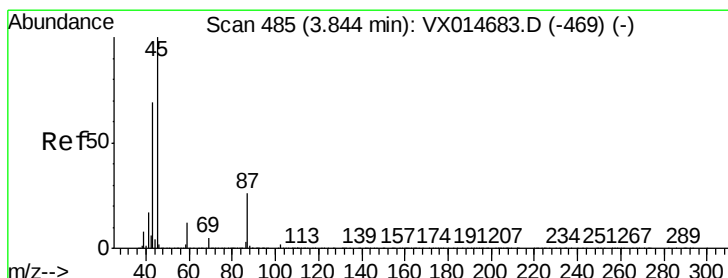
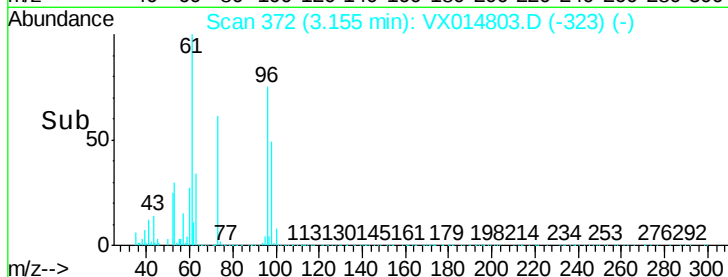
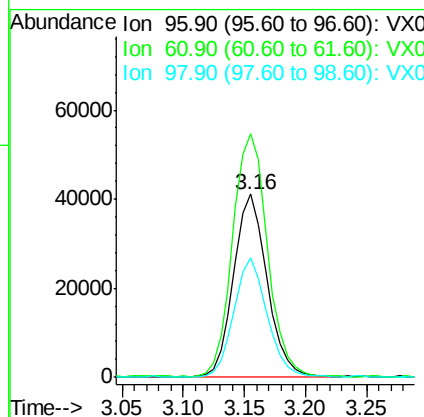
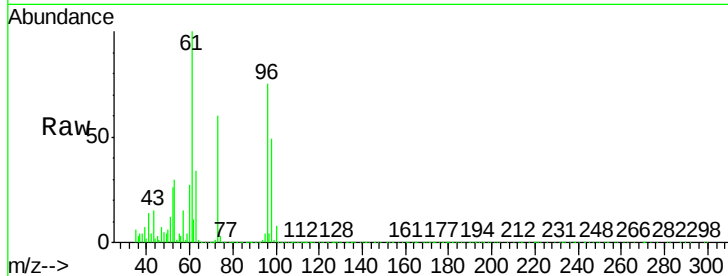
ClientSampleId :

VX0204WBSD01

Tot Ion:	96	Resp:	77869
Ion	Ratio	Lower	Upper
96	100		
61	133.0	109.8	164.6
98	65.2	49.6	74.4

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#22

Diisopropyl ether

Concen: 19.681 ug/l

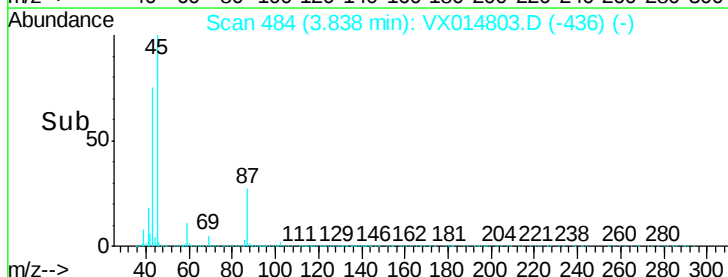
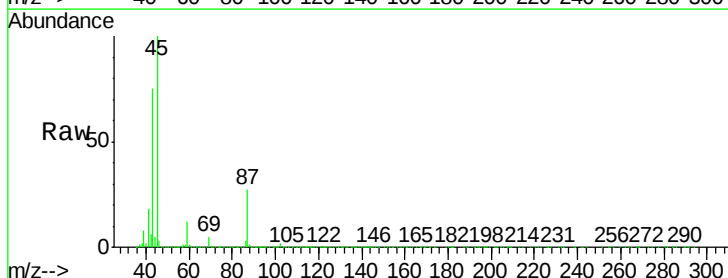
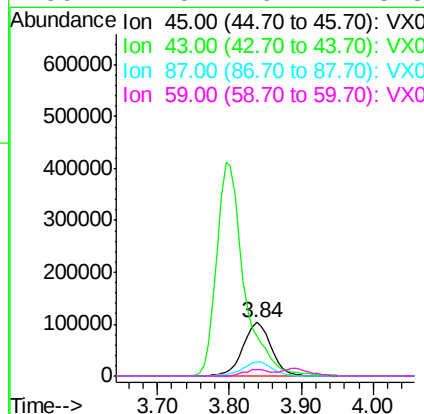
RT: 3.84 min Scan# 484

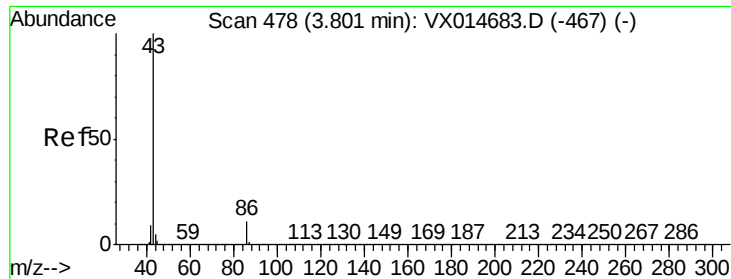
Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion:	45	Resp:	280172
Ion	Ratio	Lower	Upper
45	100		
43	74.5	55.1	82.7
87	26.8	20.7	31.1
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 100.098 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion: 43 Resp: 1086254

Ion Ratio Lower Upper

43 100

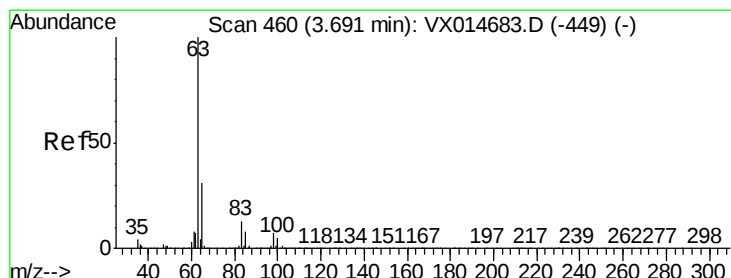
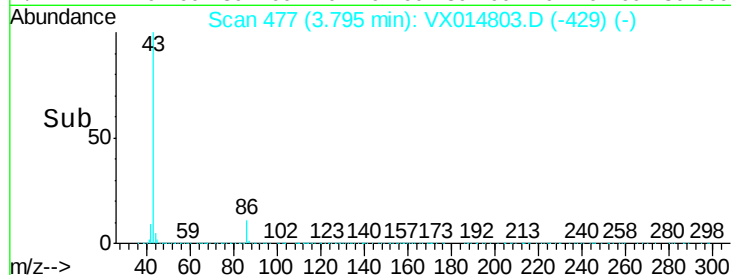
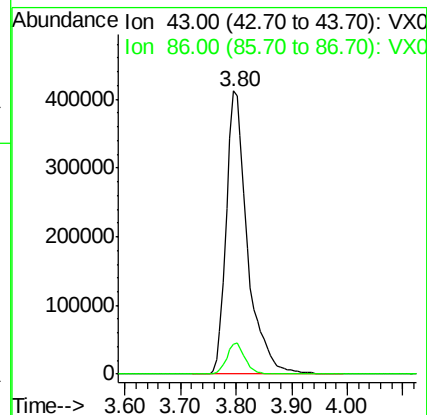
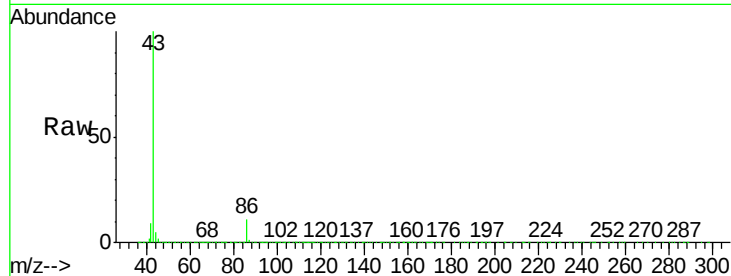
86 10.5 8.4 12.6

Manual Integrations

APPROVED

MMDadoda

2/5/2020 12:25:34 PM



#24

1,1-Dichloroethane

Concen: 19.156 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

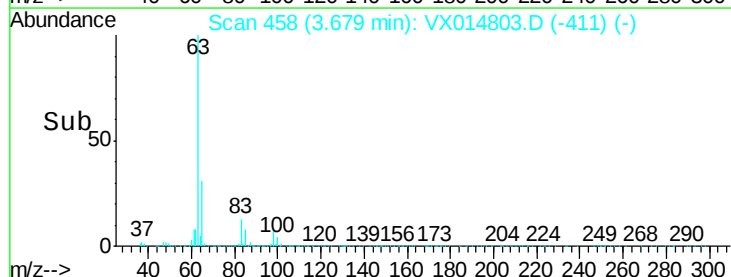
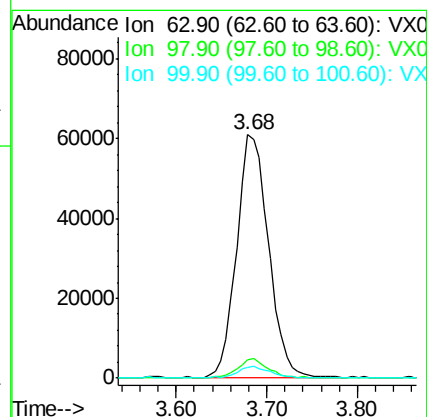
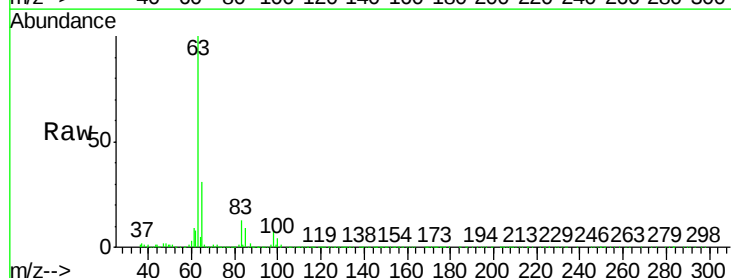
Tgt Ion: 63 Resp: 148099

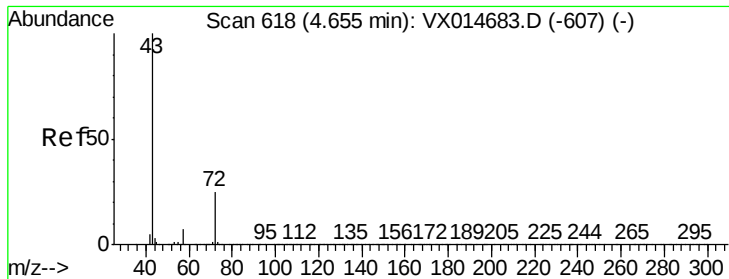
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 91.192 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion: 43 Resp: 334863

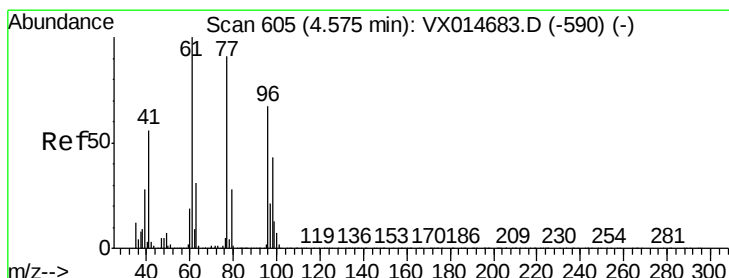
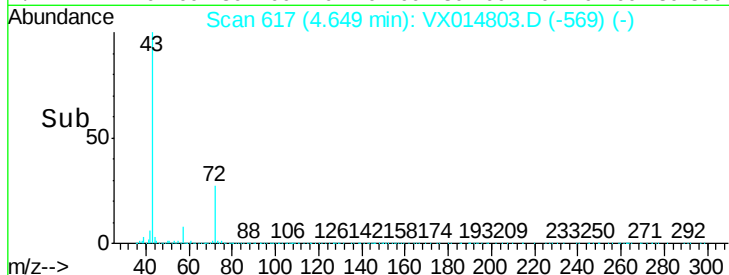
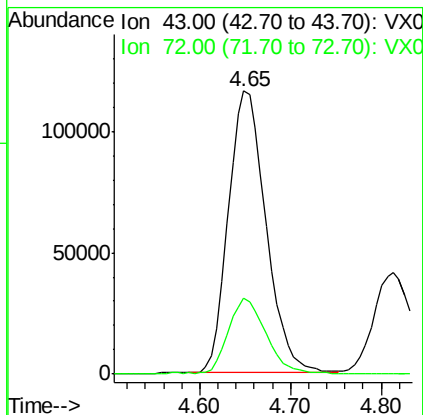
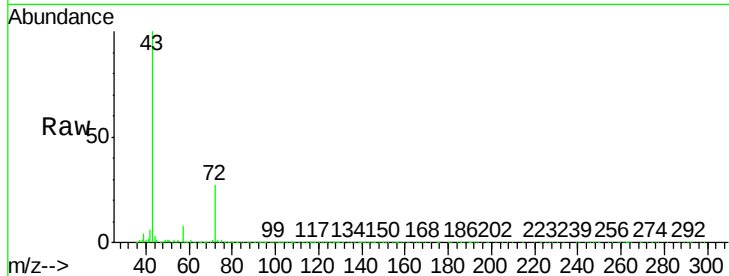
Ion Ratio Lower Upper

43 100

72 26.5 19.9 29.9

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#26

2,2-Dichloropropane

Concen: 18.961 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014803.D

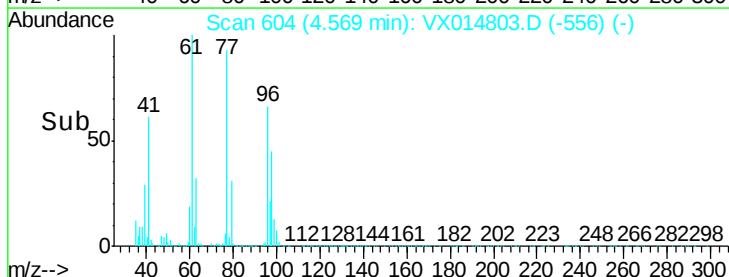
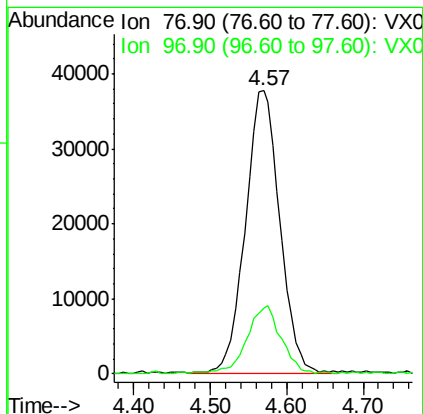
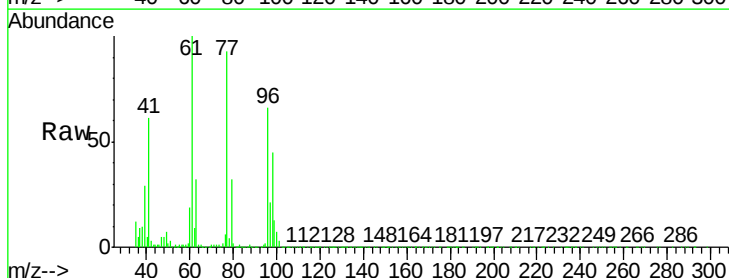
Acq: 04 Feb 2020 12:52

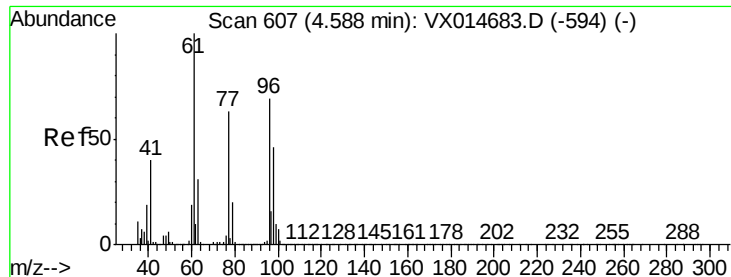
Tgt Ion: 77 Resp: 117336

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

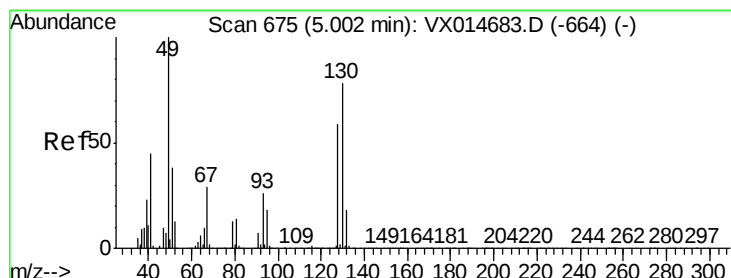
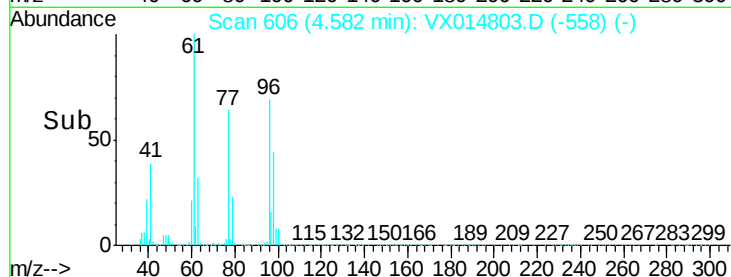
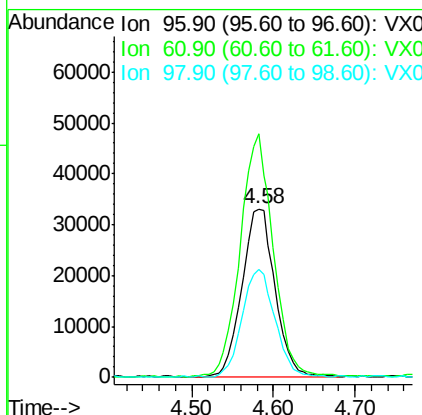
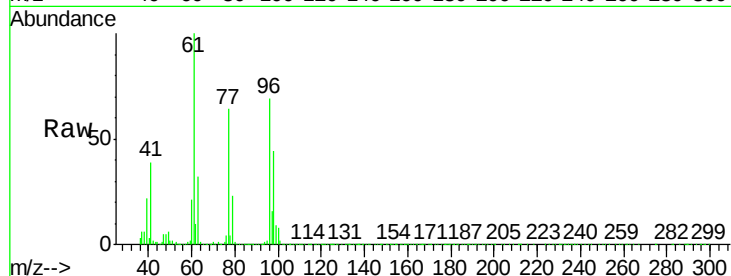
cis-1,2-Dichloroethene
Concen: 19.126 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	291.0
98	62.2	0.0	129.8

Manual Integrations
APPROVED

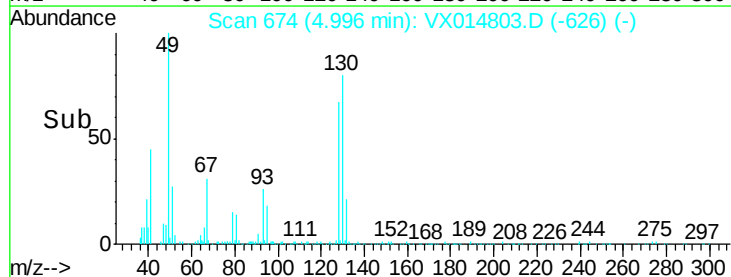
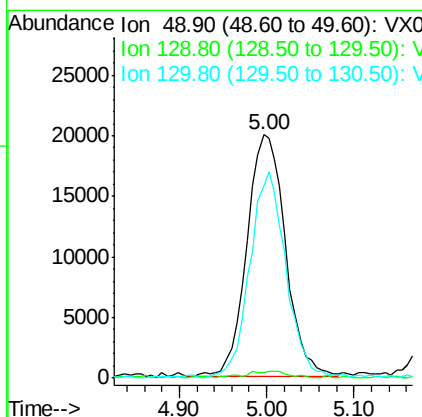
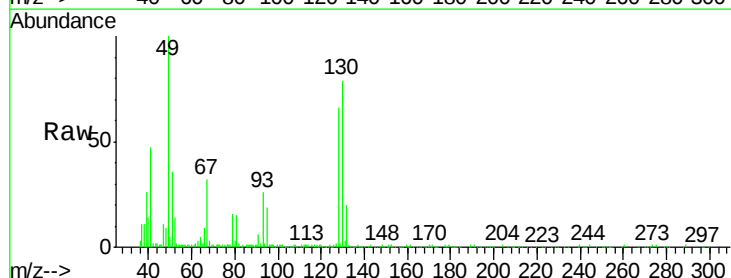
MMDadoda
2/5/2020 12:25:34 PM

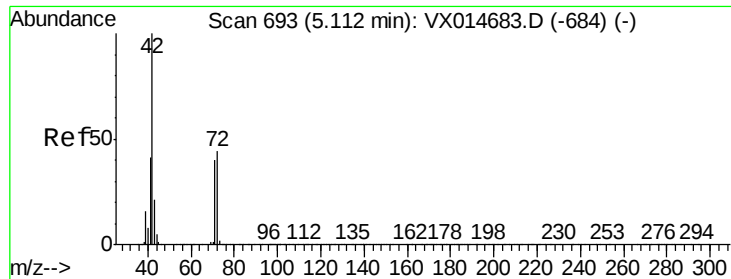


#28

Bromochloromethane
Concen: 18.073 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	4.8
130	80.5	62.4	93.6





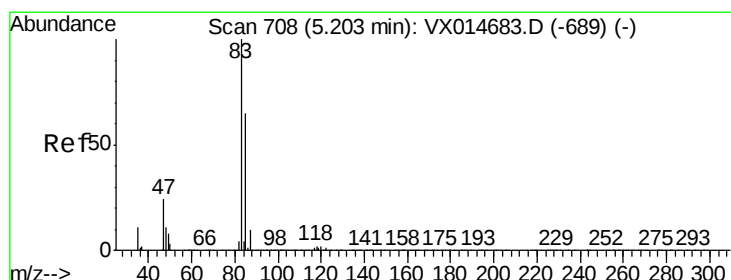
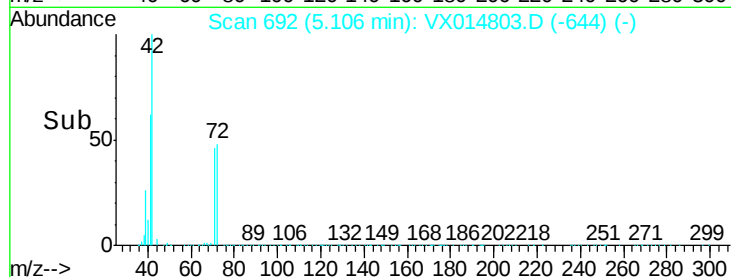
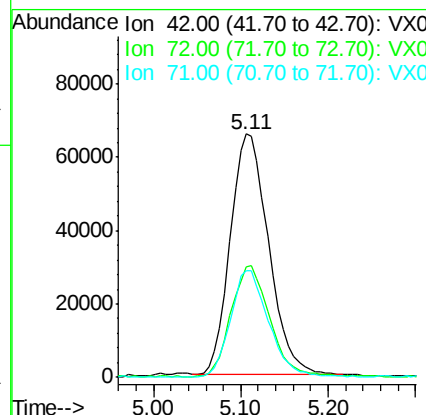
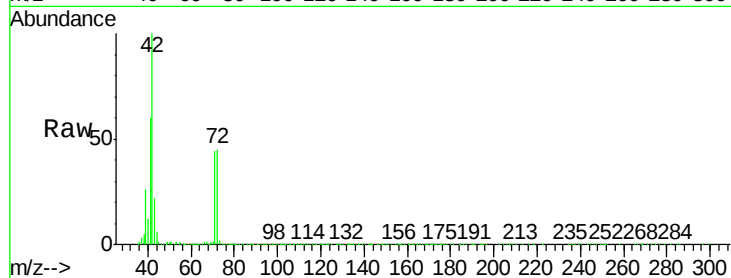
#29
Tetrahydrofuran
Concen: 91.969 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	35.3	52.9
71	43.8	33.1	49.7

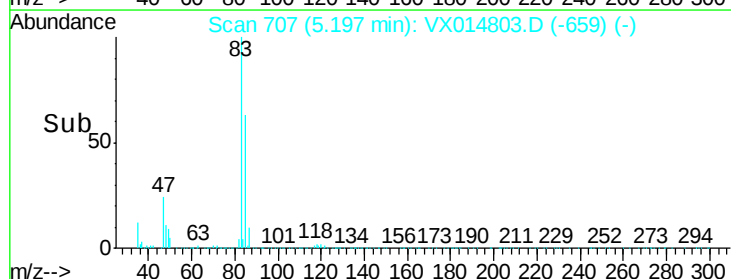
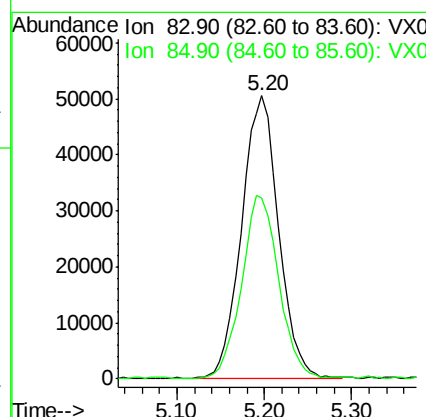
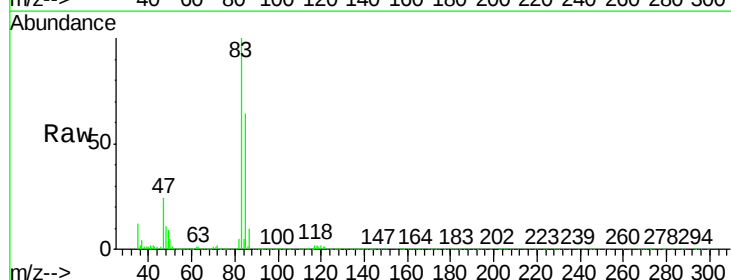
Manual Integrations
APPROVED

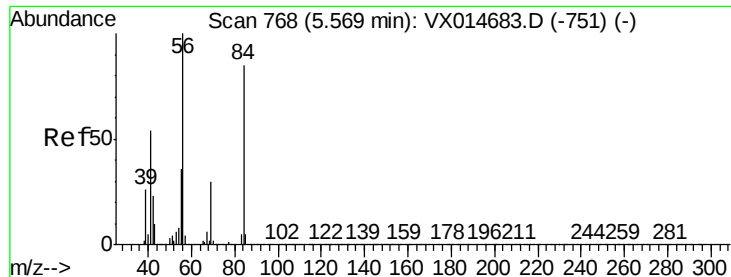
MMDadoda
2/5/2020 12:25:34 PM



#30
Chloroform
Concen: 19.348 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5





#31

Cyclohexane

Concen: 17.685 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

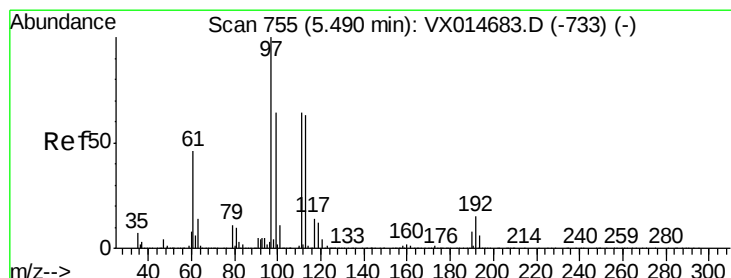
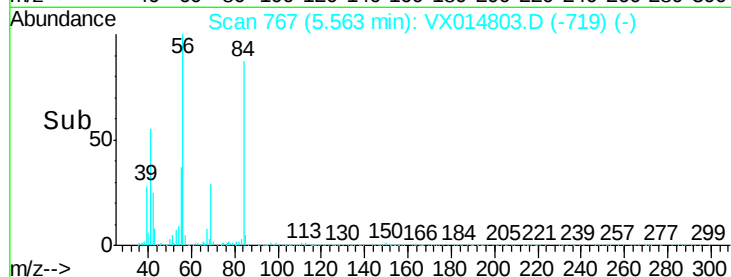
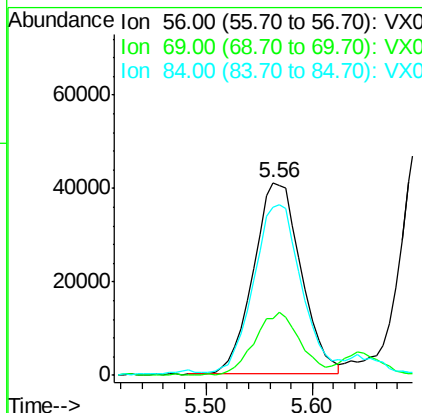
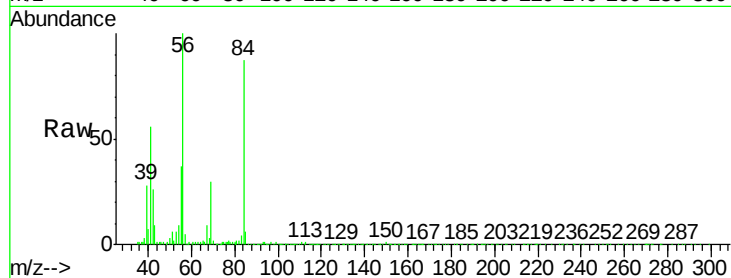
ClientSampled :

VX0204WBSD01

Tot Ion:	56	Resp:	128595
Ion Ratio		Lower	Upper
56	100		
69	29.6	23.4	35.2
84	85.0	68.4	102.6

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#32

1,1,1-Trichloroethane

Concen: 19.012 ug/l

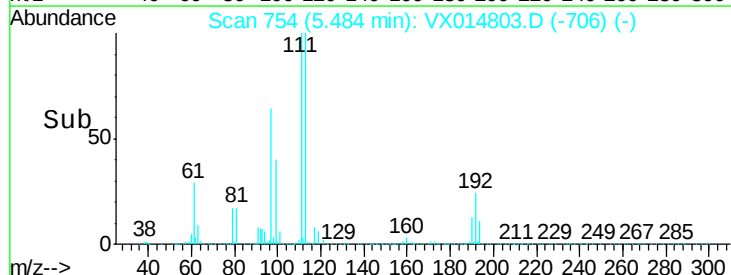
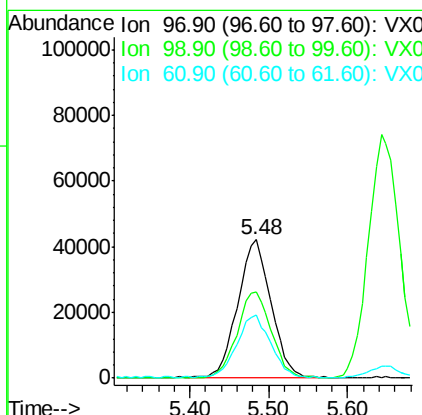
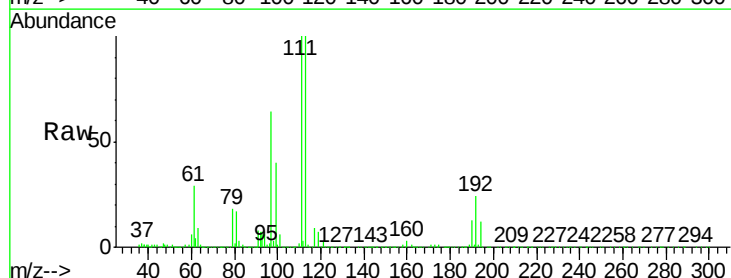
RT: 5.48 min Scan# 754

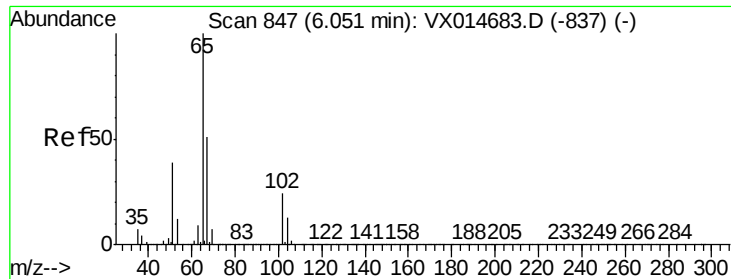
Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion:	97	Resp:	123074
Ion Ratio		Lower	Upper
97	100		
99	64.6	52.3	78.5
61	46.1	37.2	55.8





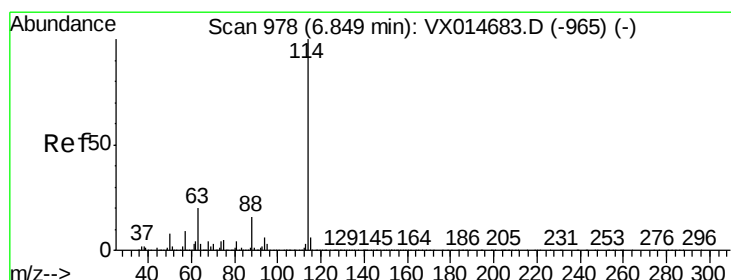
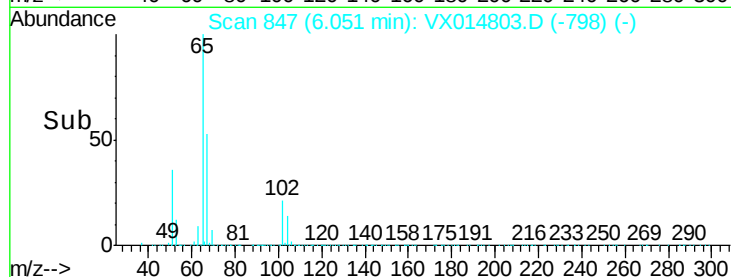
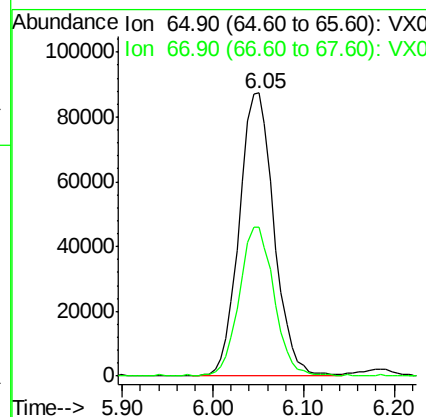
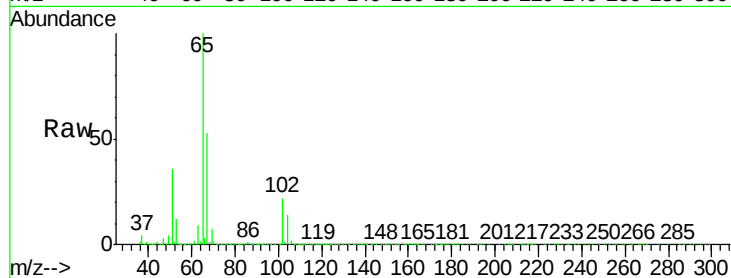
#33
 1,2-Dichloroethane-d4
 Concen: 49.526 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	231600		
67	51.8	0.0	107.4	

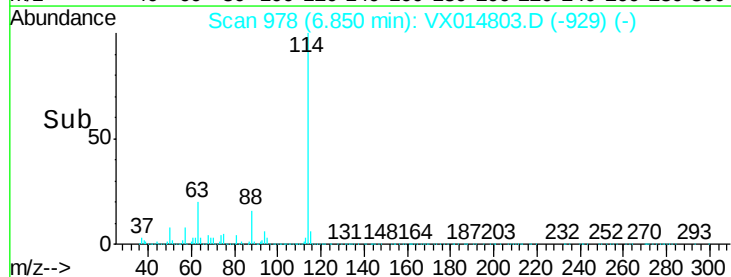
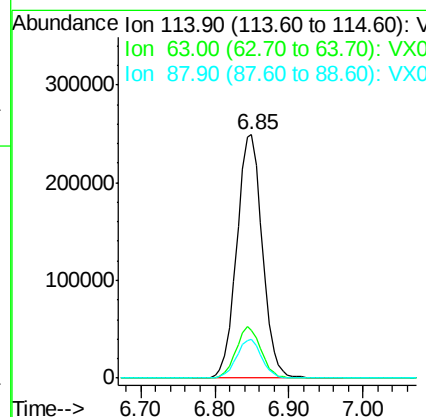
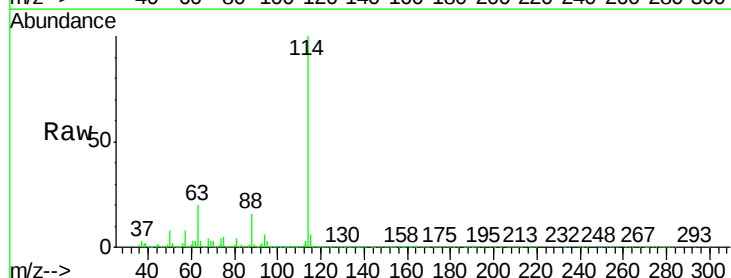
Manual Integrations
 APPROVED

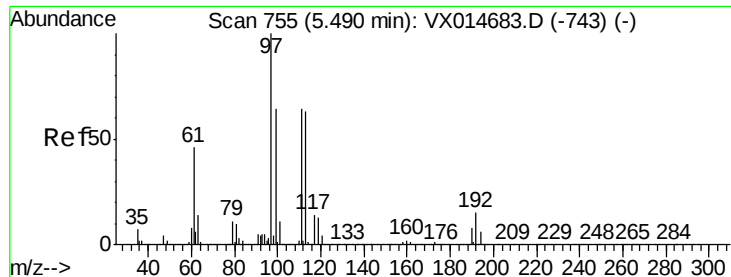
MMDadoda
 2/5/2020 12:25:34 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	597496		
63	19.8	0.0	40.6	
88	15.9	0.0	31.2	





#35

Dibromofluoromethane

Concen: 49.785 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

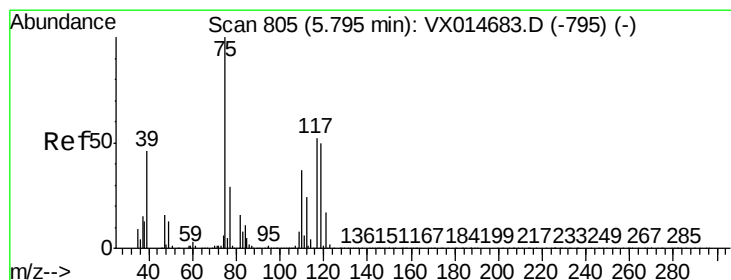
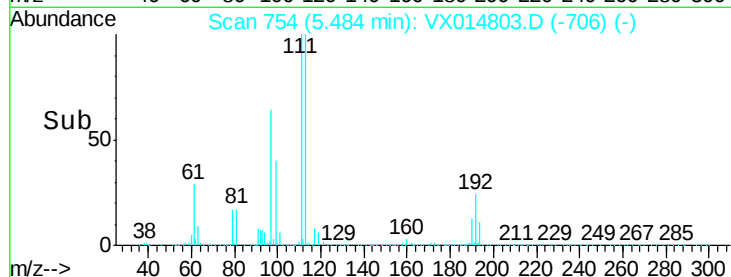
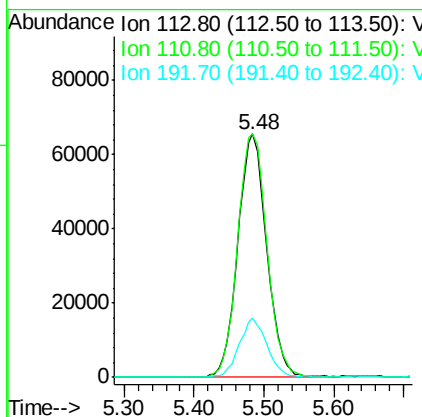
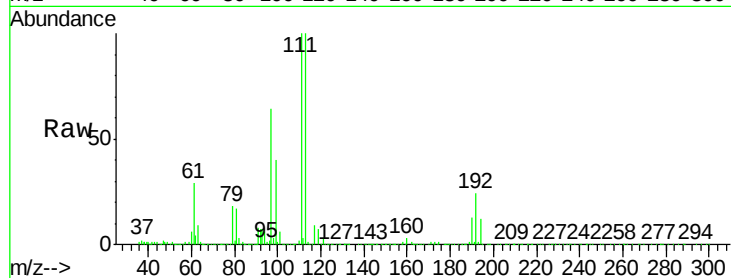
ClientSampleId :

VX0204WBSD01

Tot Ion:	113	Resp:	187698
Ion Ratio	Lower	Upper	
113	100		
111	102.2	80.7	121.1
192	23.2	18.5	27.7

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#36

1,1-Dichloropropene

Concen: 19.000 ug/l

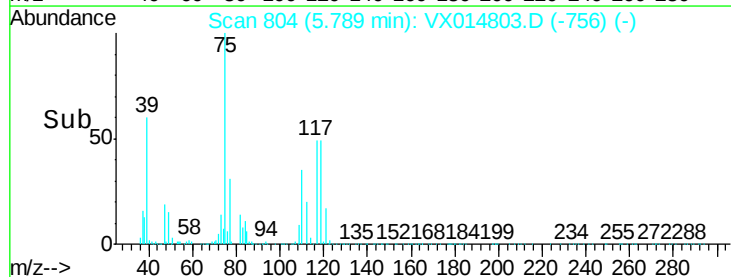
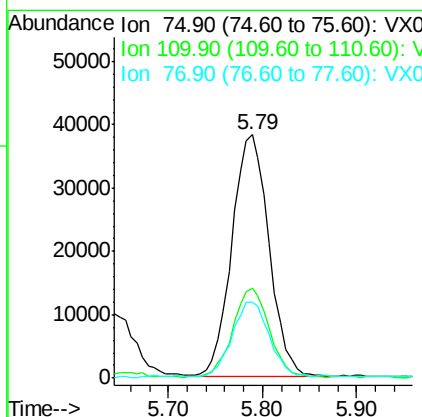
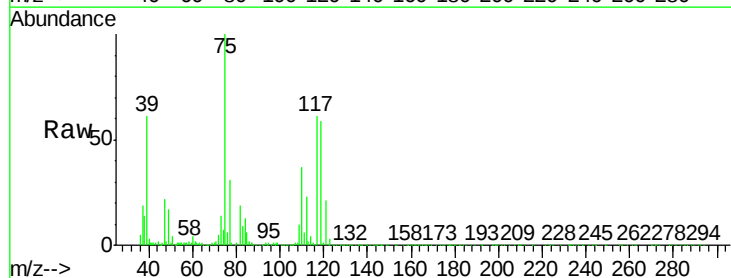
RT: 5.79 min Scan# 804

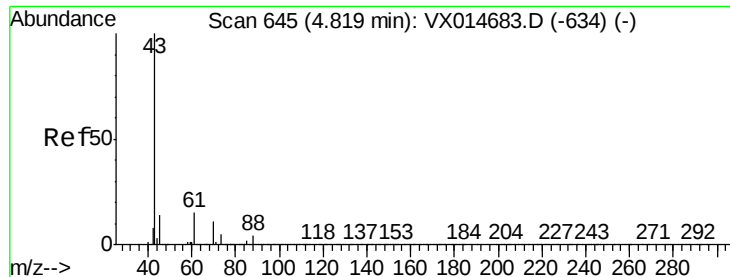
Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion:	75	Resp:	105486
Ion Ratio	Lower	Upper	
75	100		
110	37.2	17.9	53.7
77	31.1	24.1	36.1





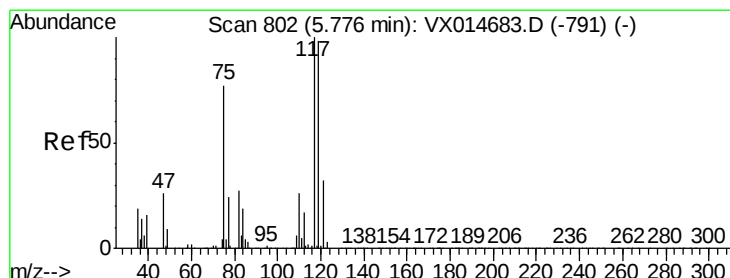
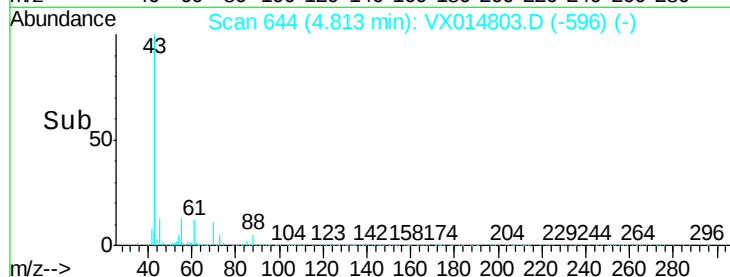
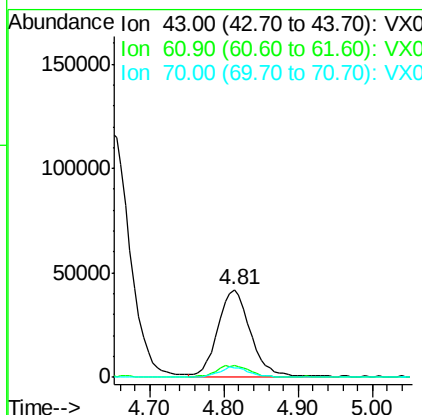
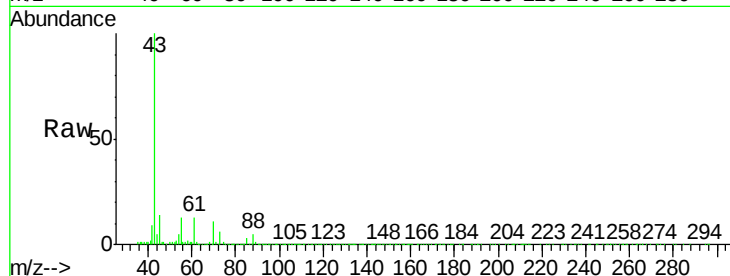
#37
Ethyl Acetate
Concen: 19.709 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.6	8.5	12.7

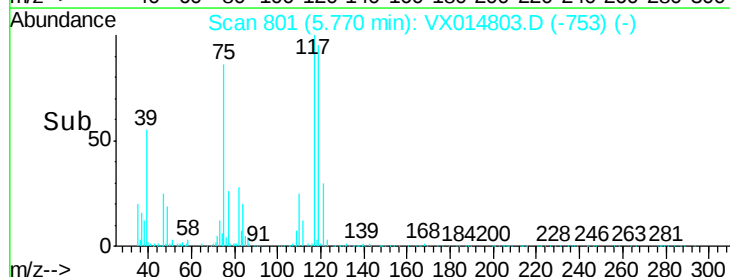
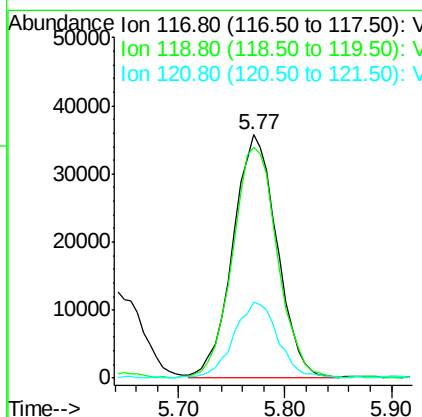
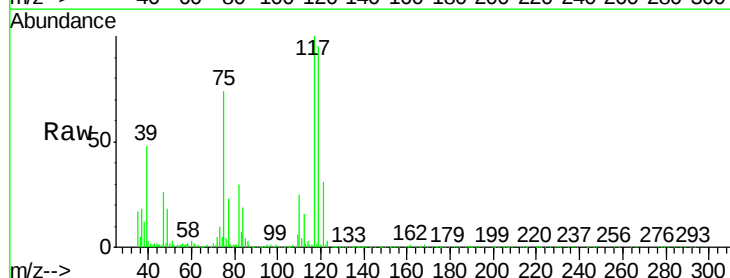
Manual Integrations
APPROVED

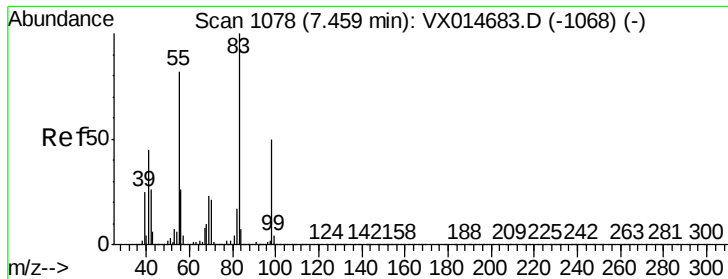
MMDadoda
2/5/2020 12:25:34 PM



#38
Carbon Tetrachloride
Concen: 19.408 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.9	116.9
121	31.1	25.4	38.2





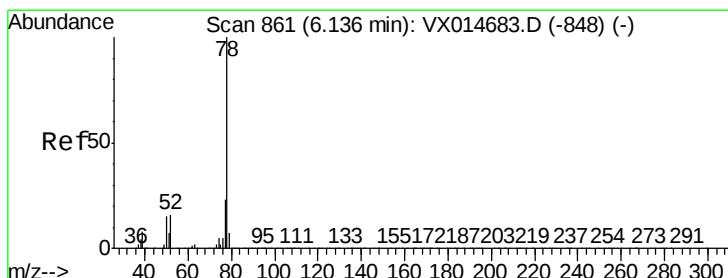
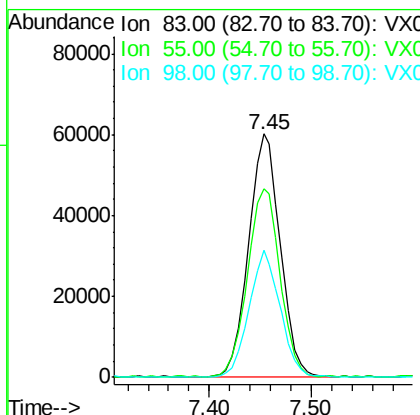
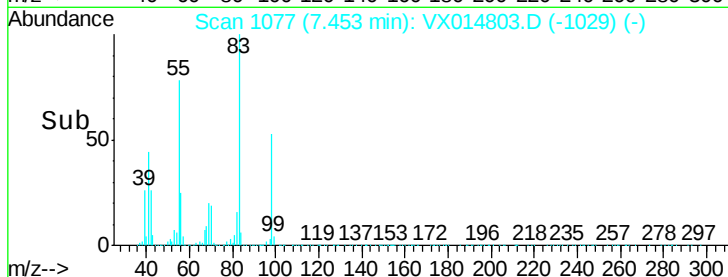
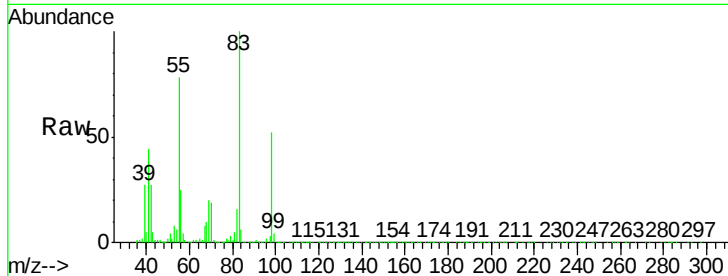
#39
Methvlcvclohexane
Concen: 18.722 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	65.6	98.4
98	52.1	40.2	60.4

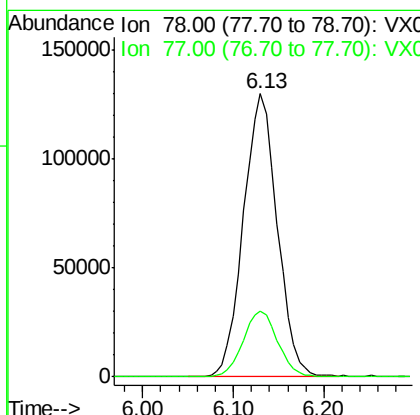
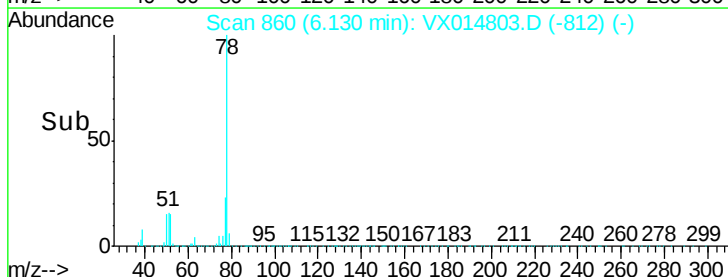
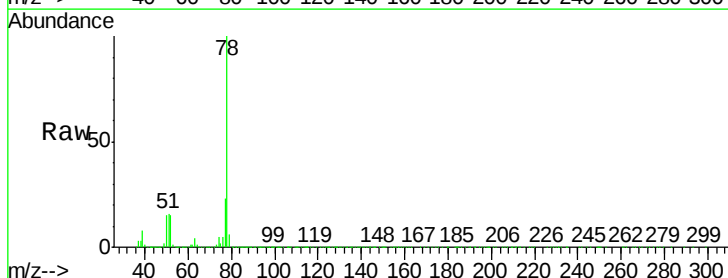
Manual Integrations
APPROVED

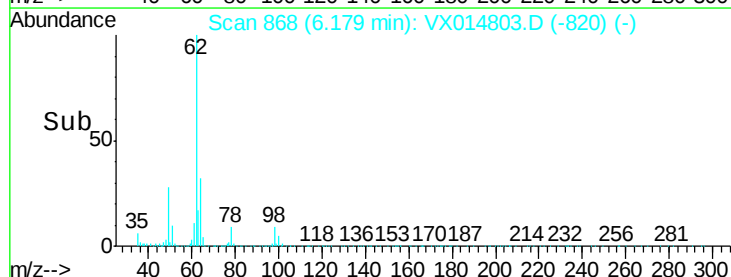
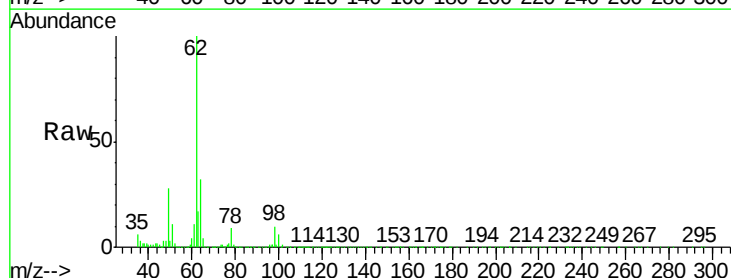
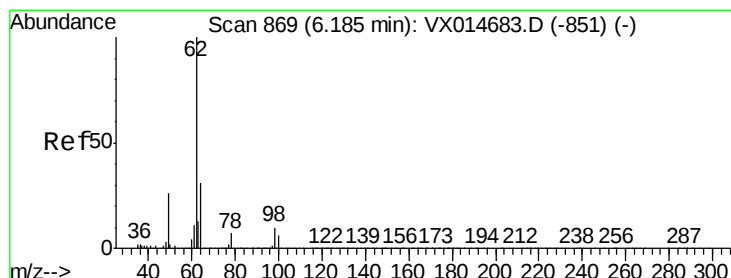
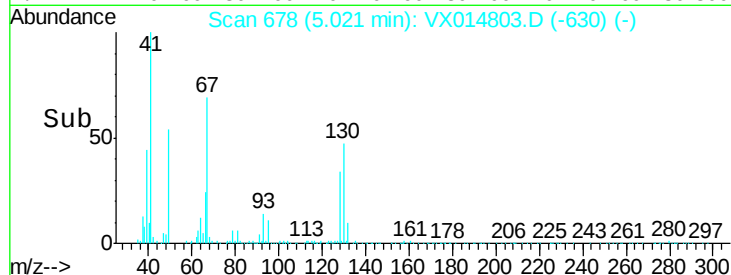
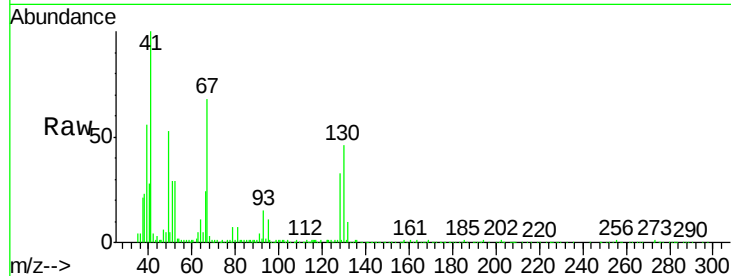
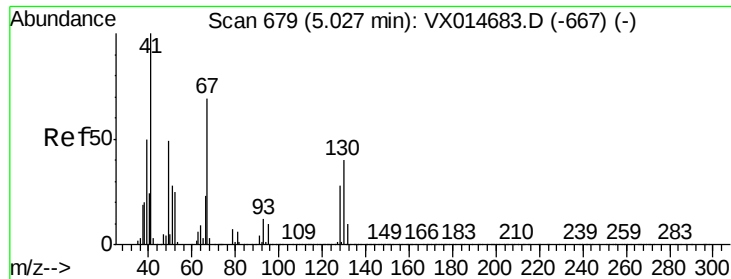
MMDadoda
2/5/2020 12:25:34 PM



#40
Benzene
Concen: 19.467 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





#41

Methacrylonitrile

Concen: 18.857 ug/l

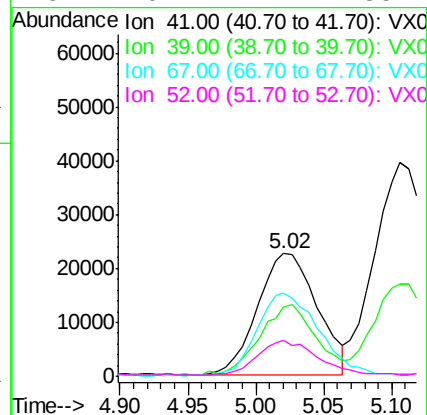
RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		68986		
39	54.9	42.2	63.2		
67	71.8	55.4	83.0		
52	29.1	22.1	33.1		



Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM

#42

1,2-Dichloroethane

Concen: 21.067 ug/l

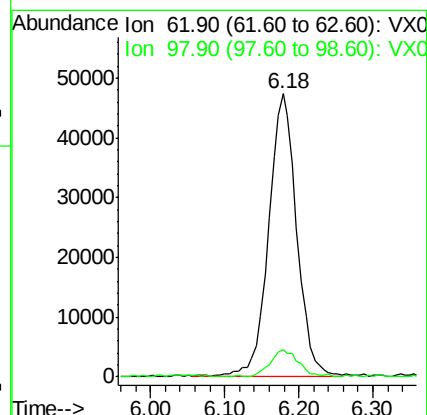
RT: 6.18 min Scan# 868

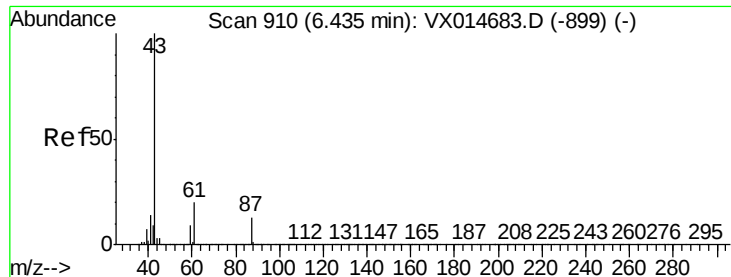
Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		124797		
98	9.9	0.0	20.0		





#43

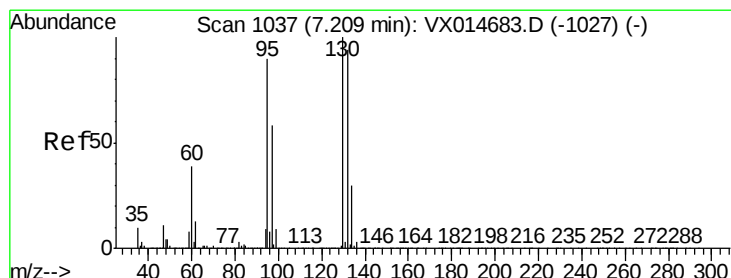
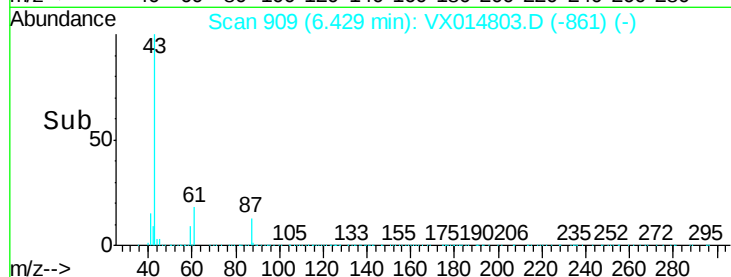
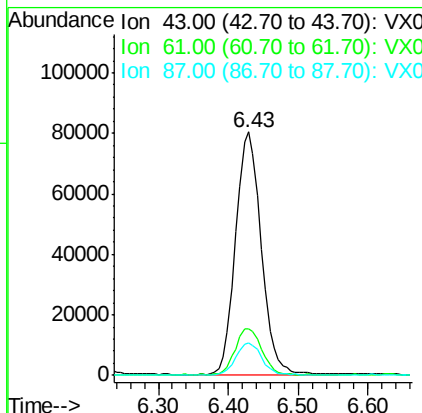
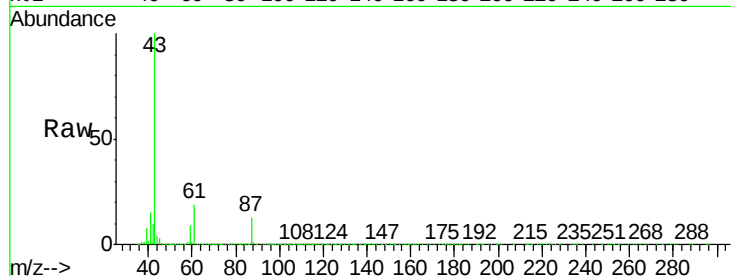
Isopropyl Acetate
 Concen: 19.715 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	13.2	10.5	15.7

Manual Integrations
 APPROVED

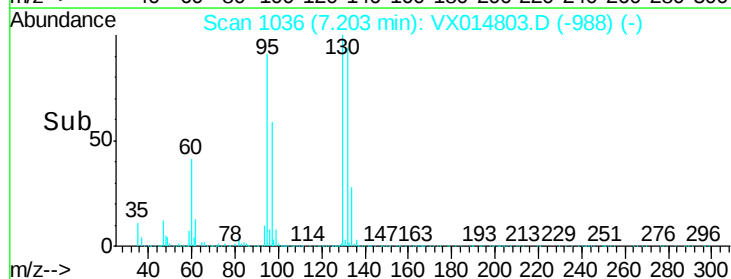
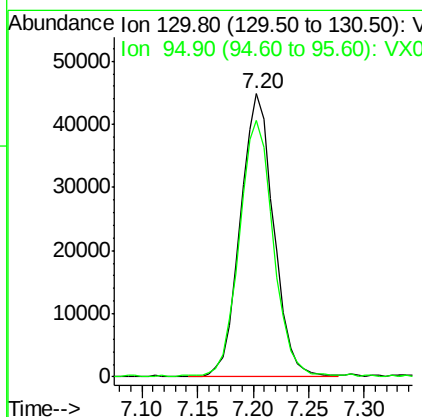
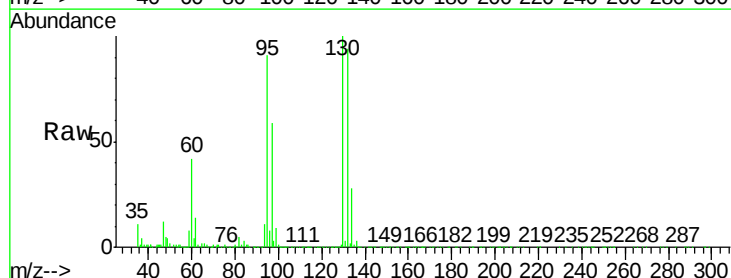
MMDadoda
 2/5/2020 12:25:34 PM

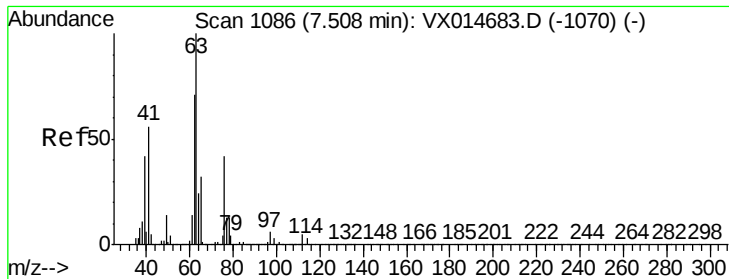


#44

Trichloroethene
 Concen: 19.247 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	179.8





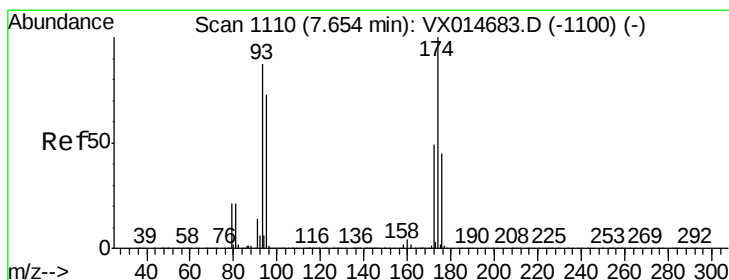
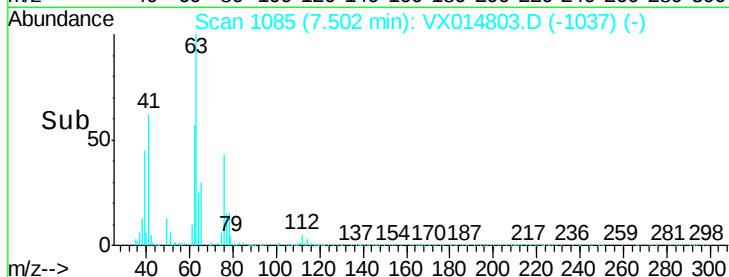
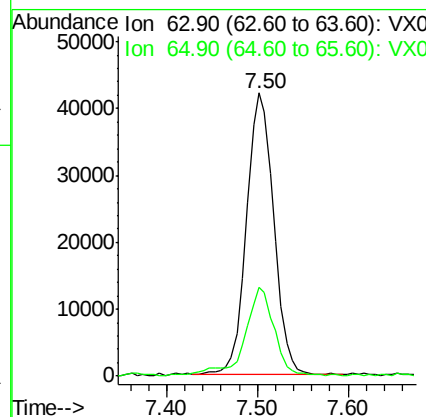
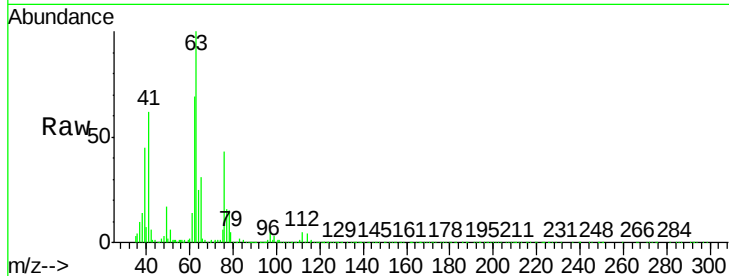
#45
 1,2-Dichloropropane
 Concen: 19.873 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	25.2	37.8

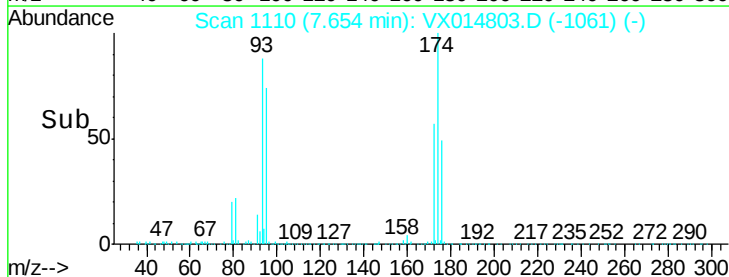
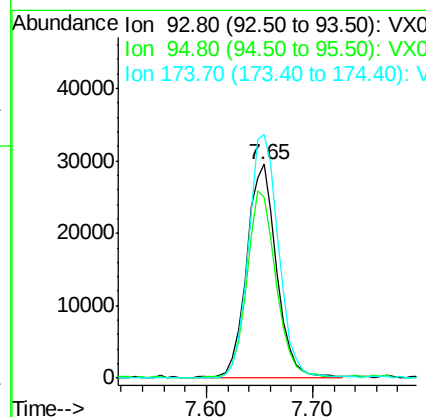
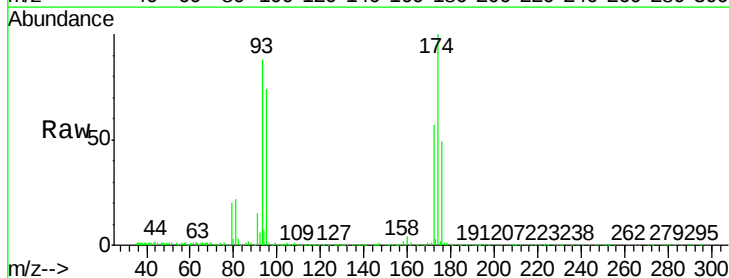
Manual Integrations
 APPROVED

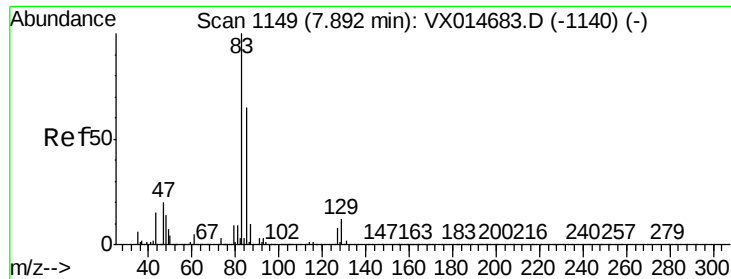
MMDadoda
 2/5/2020 12:25:34 PM



#46
 Dibromomethane
 Concen: 20.447 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.0	100.4
174	113.4	90.2	135.2





#47

Bromodichloromethane

Concen: 19.943 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

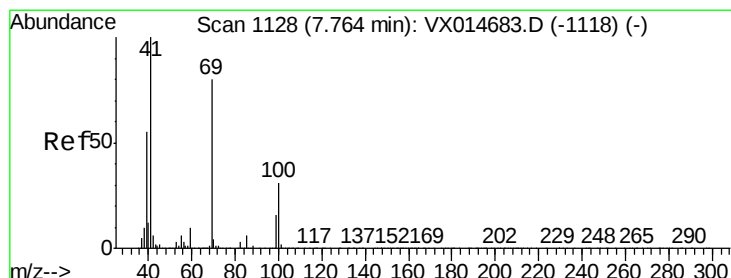
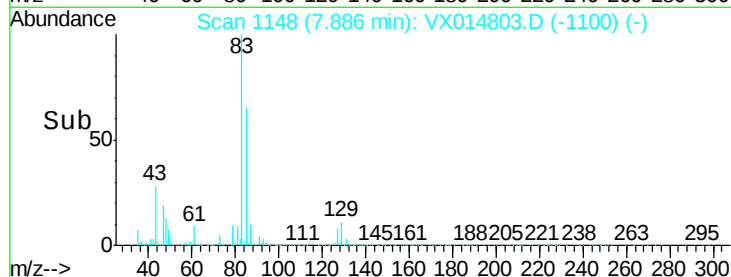
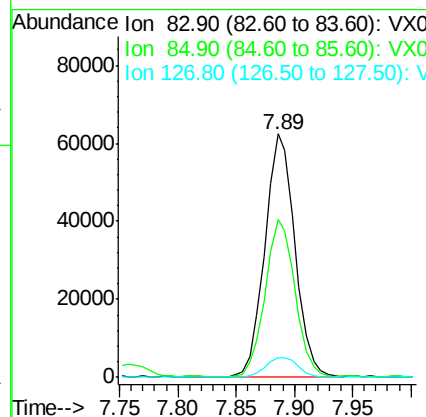
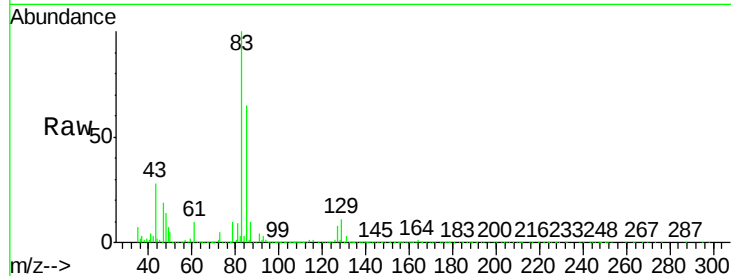
ClientSampleId :

VX0204WBSD01

Tot Ion:	83	Resp:	111955
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.2	78.2
127	8.0	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#48

Methyl methacrylate

Concen: 20.115 ug/l

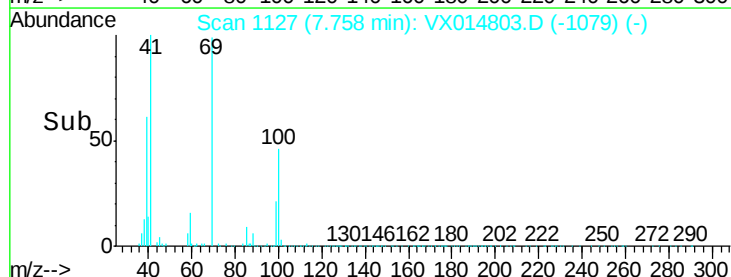
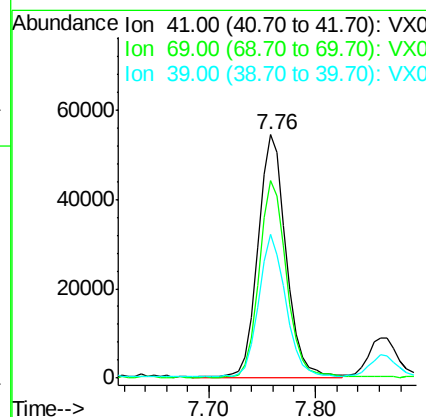
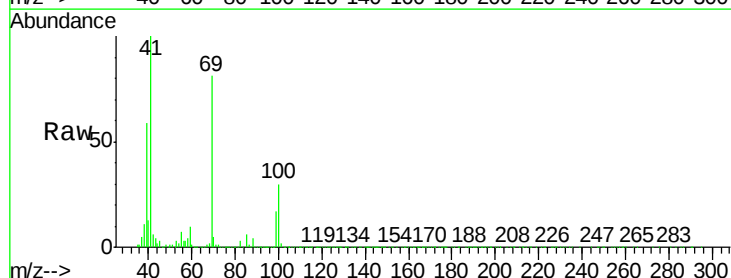
RT: 7.76 min Scan# 1127

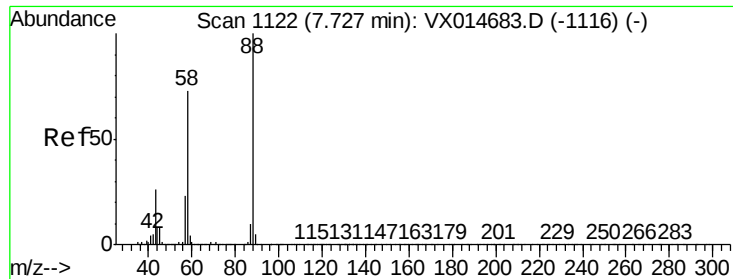
Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion:	41	Resp:	100078
Ion Ratio	Lower	Upper	
41	100		
69	79.4	63.5	95.3
39	56.8	43.7	65.5





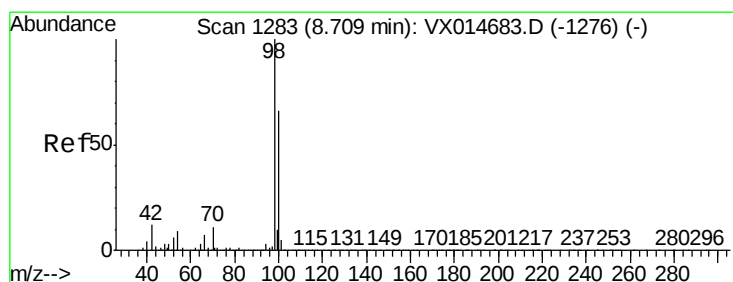
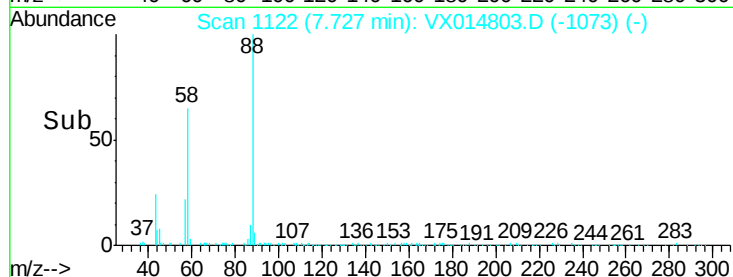
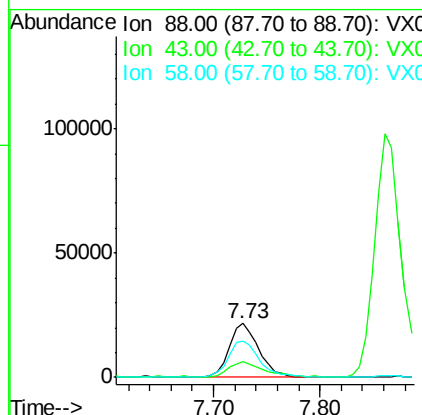
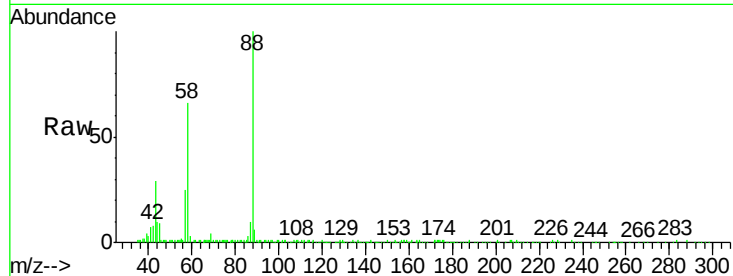
#49
1,4-Dioxane
Concen: 394.462 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampled :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	26.2	39.2
58	70.5	56.6	85.0

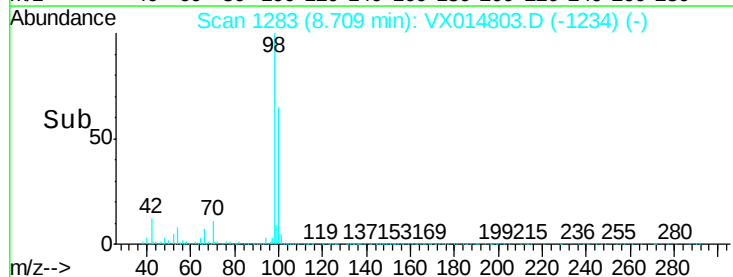
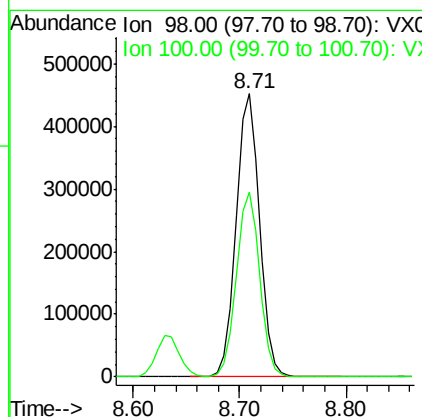
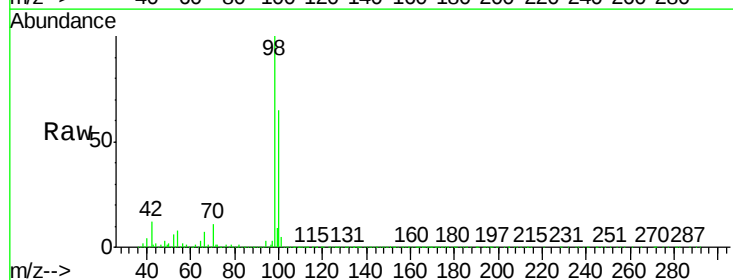
Manual Integrations
APPROVED

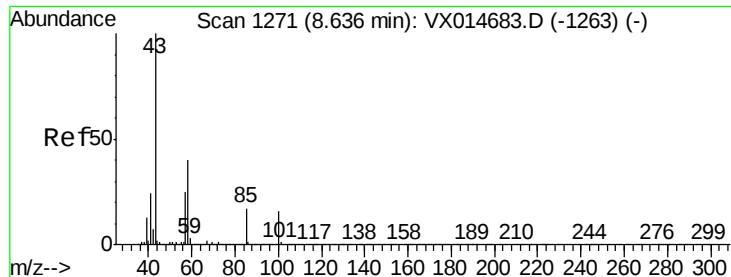
MMDadoda
2/5/2020 12:25:34 PM



#50
Toluene-d8
Concen: 48.089 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 98.821 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion: 43 Resp: 649459

Ion Ratio Lower Upper

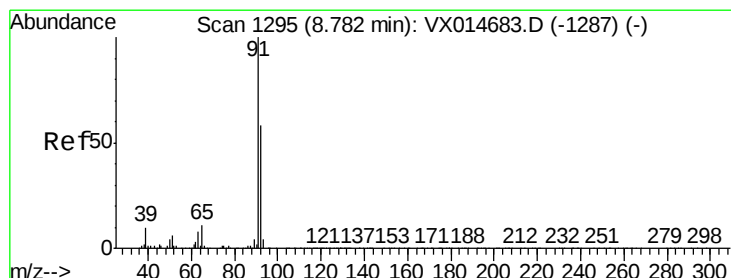
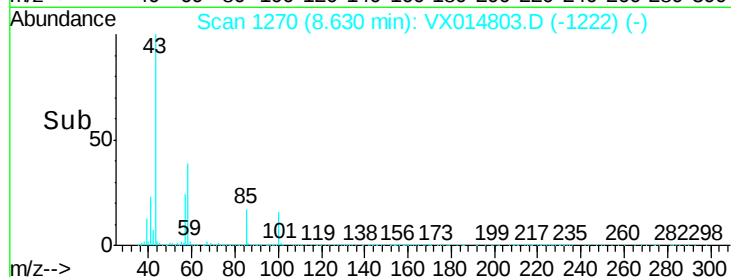
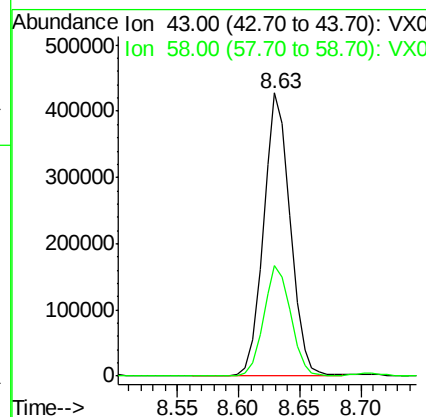
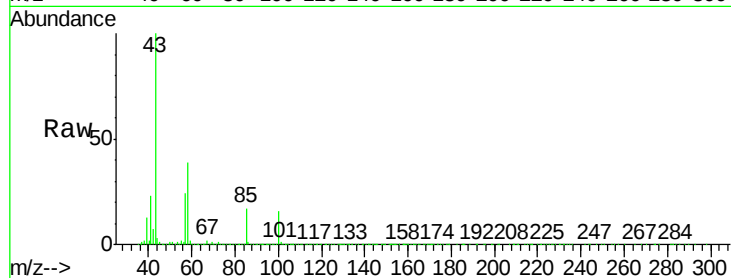
43 100

58 39.6 31.6 47.4

Manual Integrations
APPROVED

MMDadoda

2/5/2020 12:25:34 PM



#52

Toluene

Concen: 19.867 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014803.D

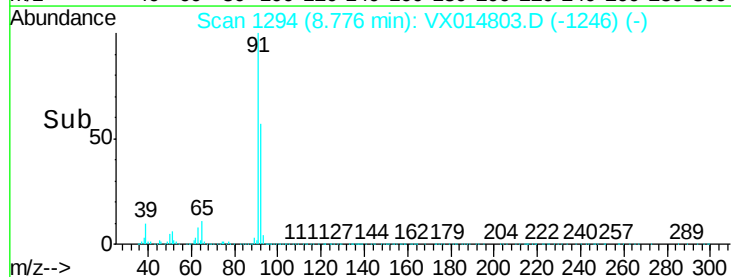
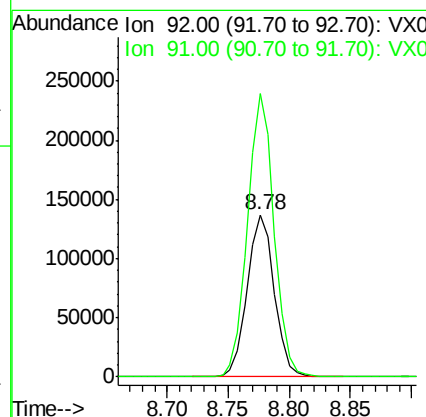
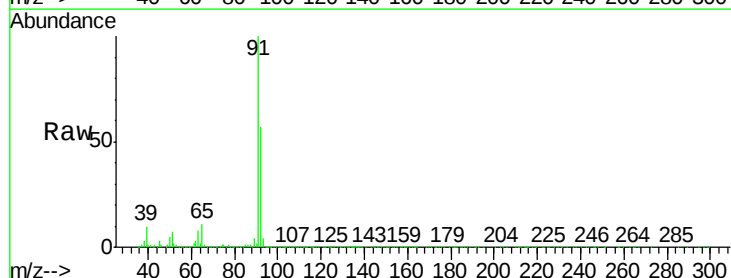
Acq: 04 Feb 2020 12:52

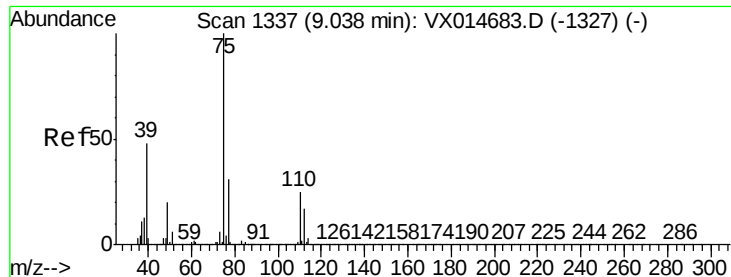
Tgt Ion: 92 Resp: 209491

Ion Ratio Lower Upper

92 100

91 171.1 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 20.374 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

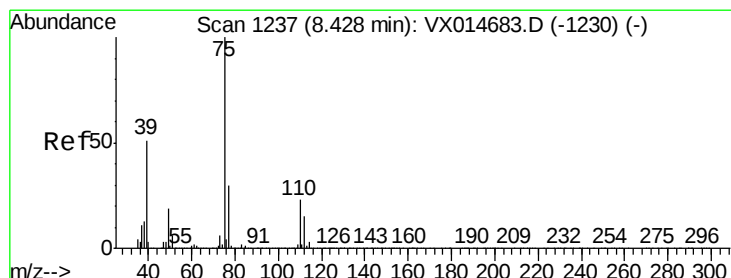
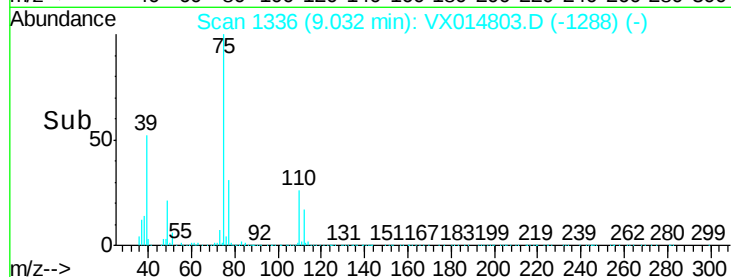
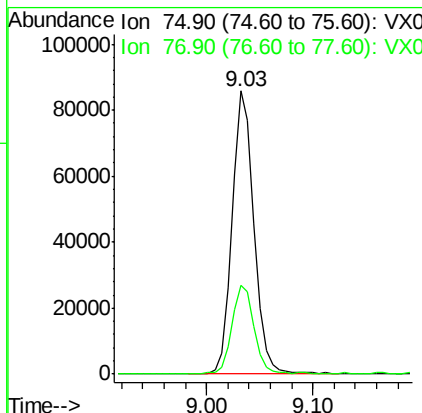
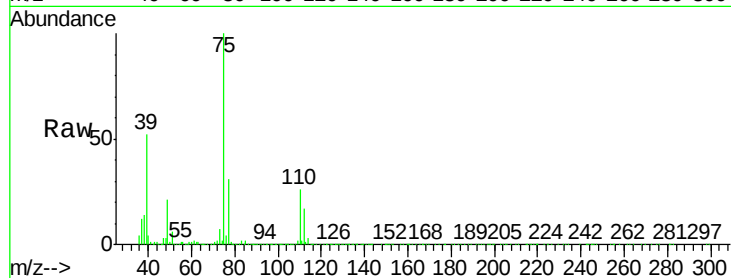
ClientSampleId :

VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#54

cis-1,3-Dichloropropene

Concen: 20.555 ug/l

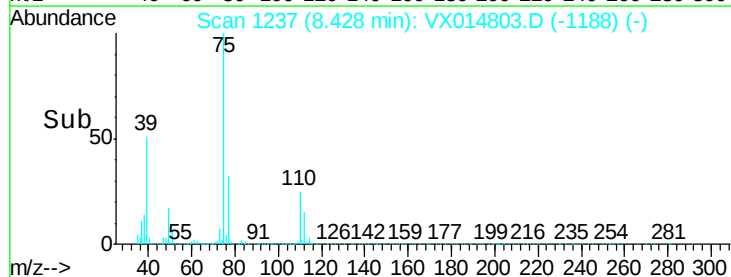
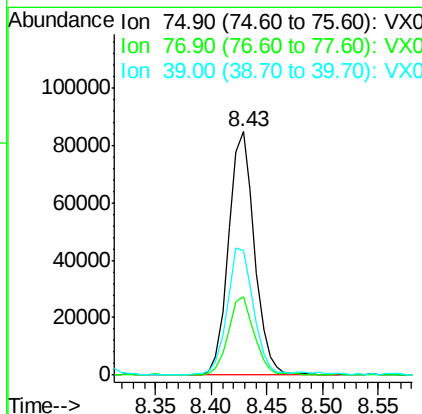
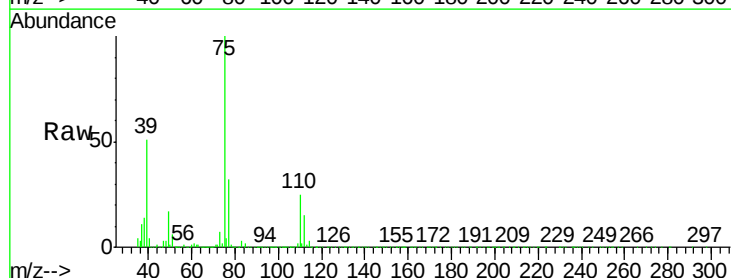
RT: 8.43 min Scan# 1237

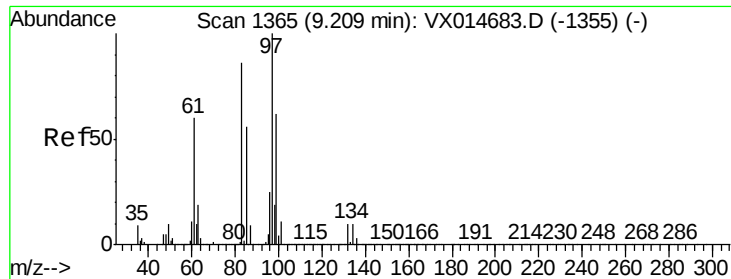
Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	23.9	35.9
39	50.9	40.9	61.3





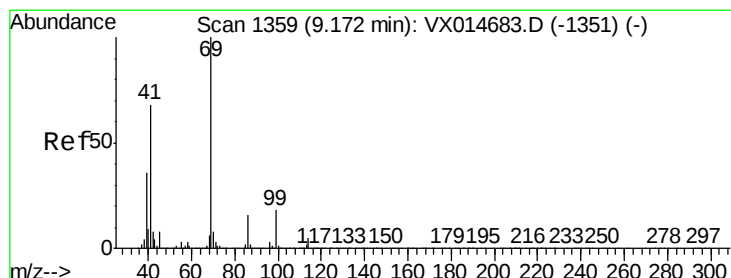
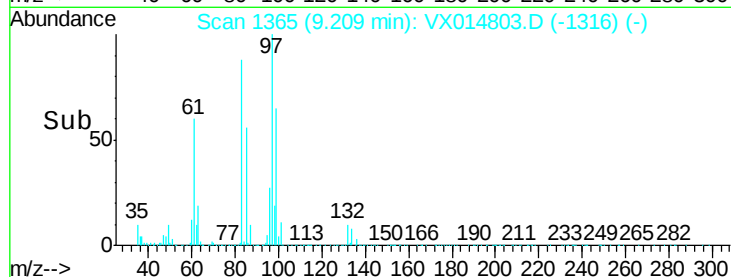
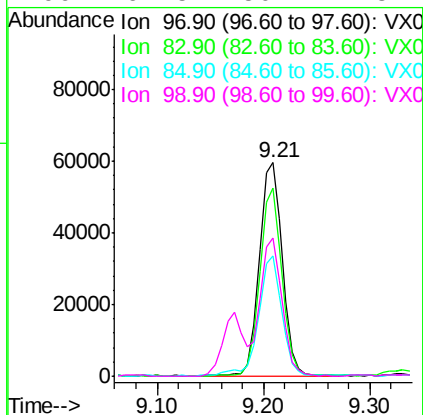
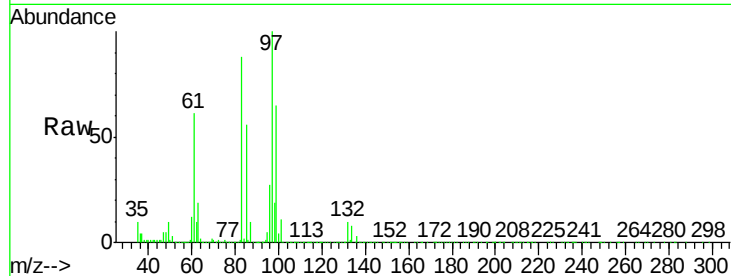
#55
 1,1,2-Trichloroethane
 Concen: 21.054 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90895		
83	87.9	69.2	103.8		
85	56.4	44.6	67.0		
99	64.5	50.1	75.1		

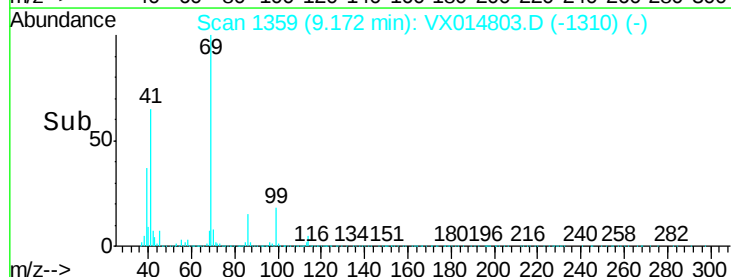
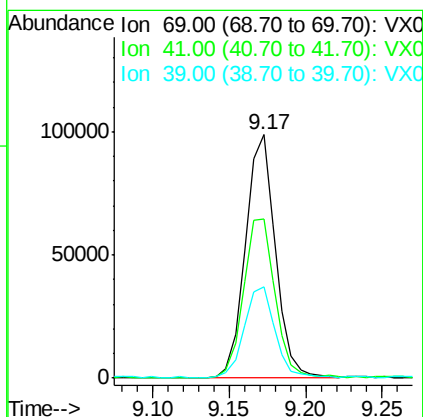
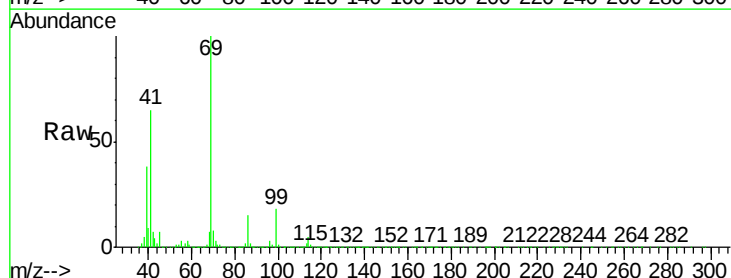
Manual Integrations
 APPROVED

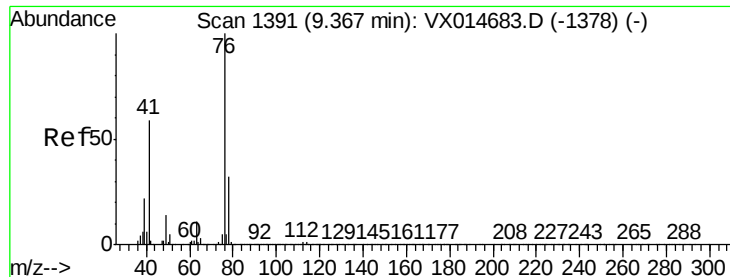
MMDadoda
 2/5/2020 12:25:34 PM



#56
 Ethyl methacrylate
 Concen: 19.400 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		133700		
41	69.1	54.9	82.3		
39	38.2	29.3	43.9		





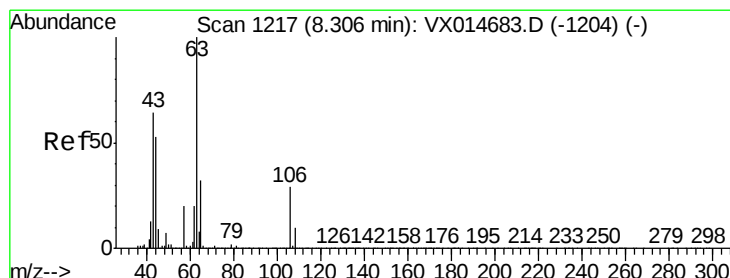
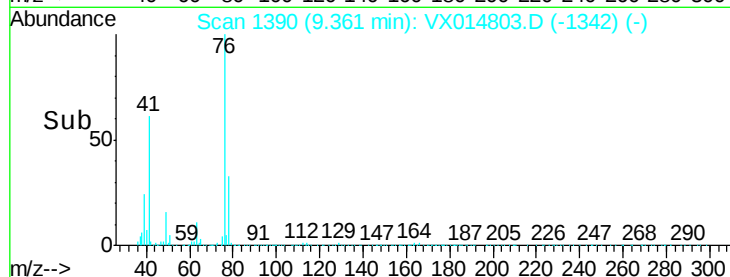
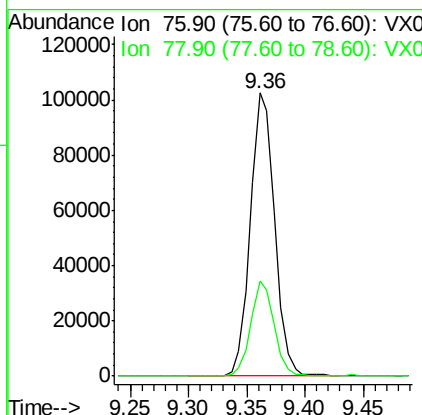
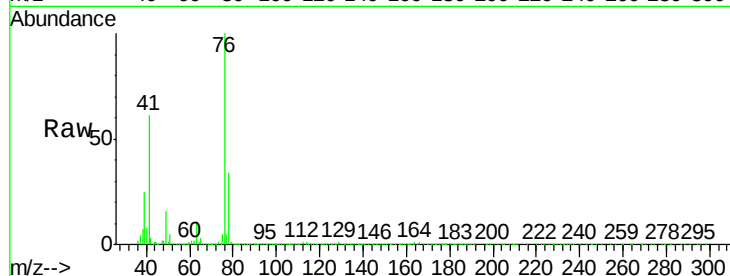
#57
 1,3-Dichloropropane
 Concen: 20.161 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion: 76 Resp: 148793
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0

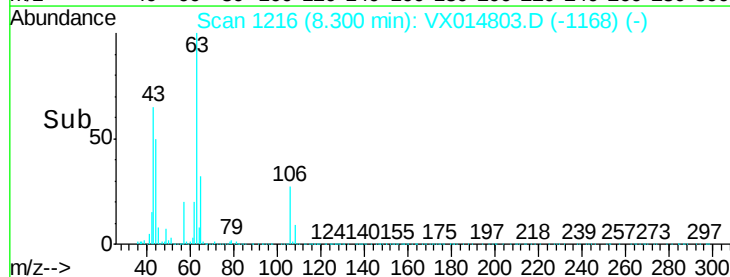
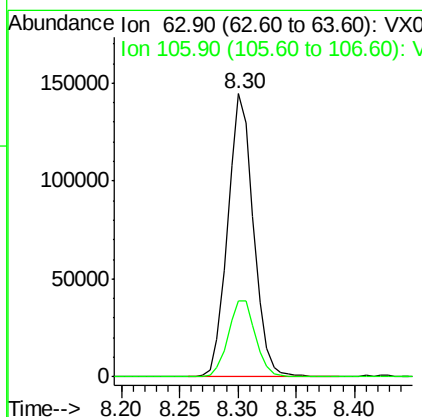
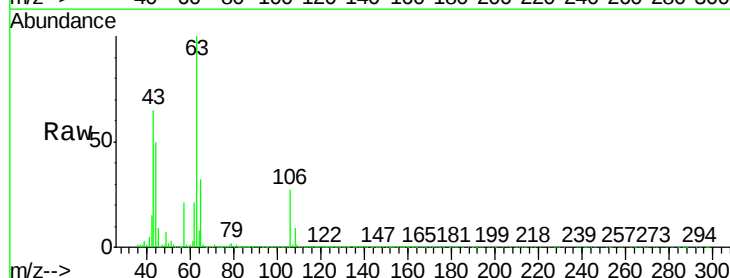
Manual Integrations
 APPROVED

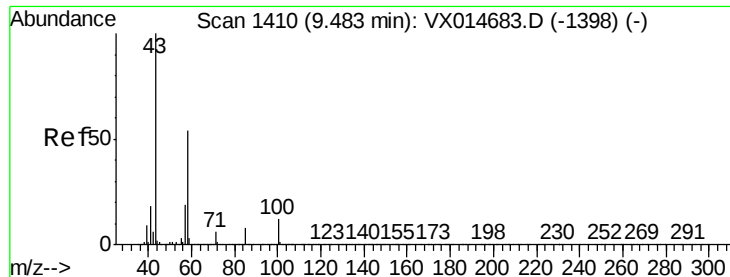
MMDadoda
 2/5/2020 12:25:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.513 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion: 63 Resp: 220405
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.7 34.1





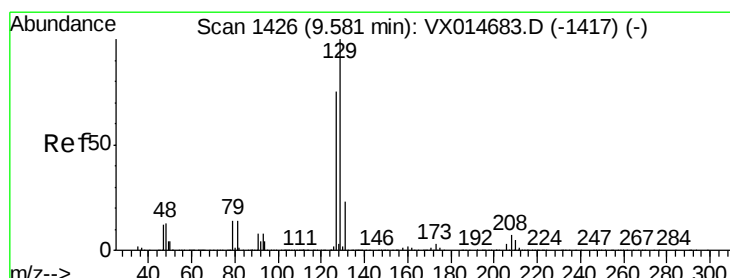
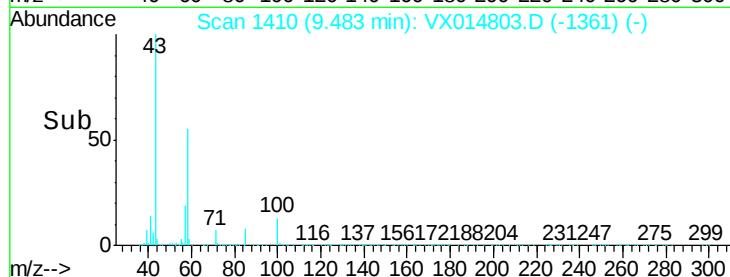
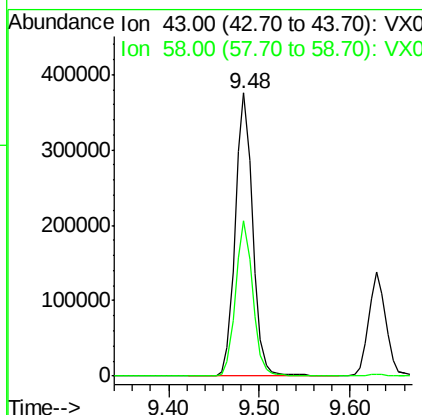
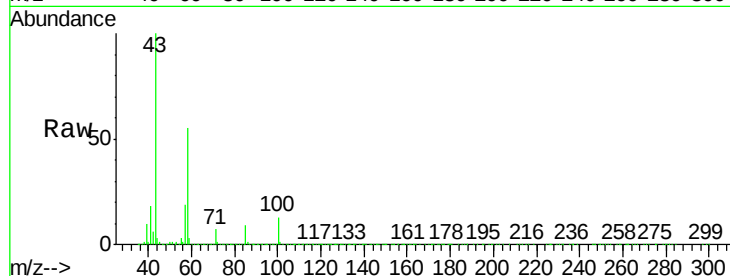
#59
2-Hexanone
Concen: 97.991 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion: 43 Resp: 499738
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.5

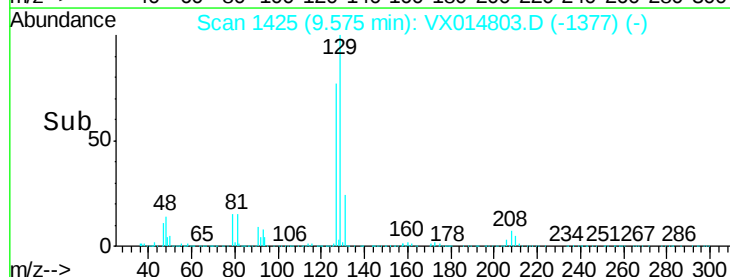
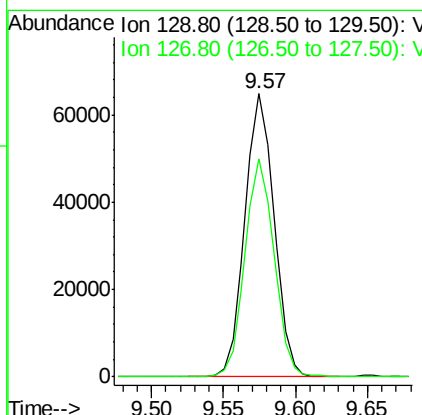
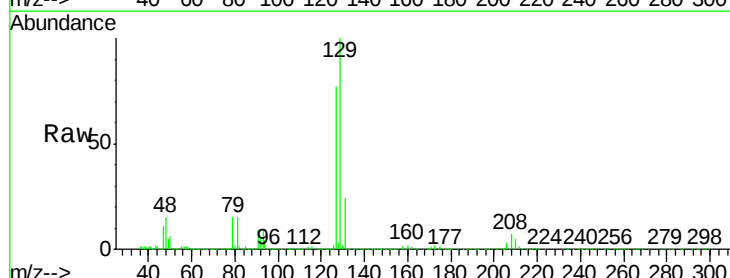
Manual Integrations
APPROVED

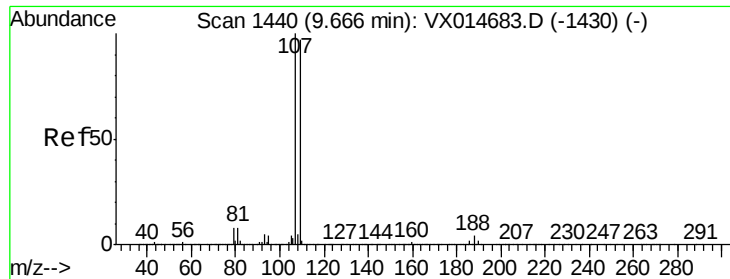
MMDadoda
2/5/2020 12:25:34 PM



#60
Dibromochloromethane
Concen: 20.205 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion: 129 Resp: 91051
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.200 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion: 107 Resp: 92206

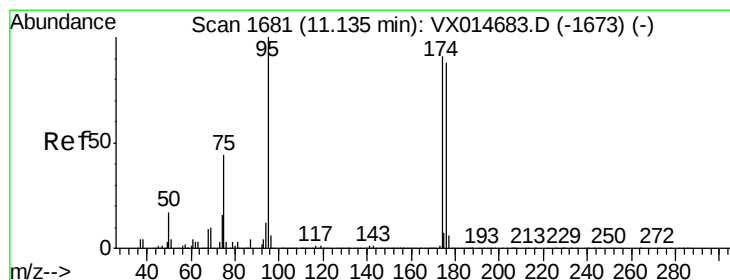
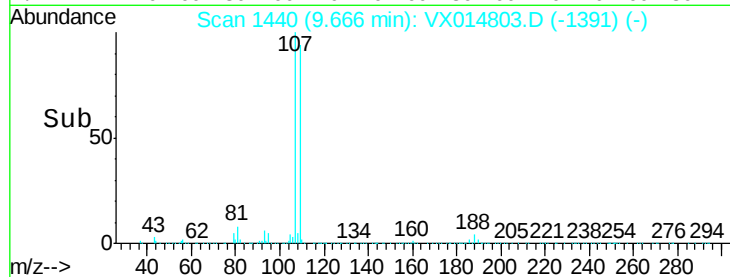
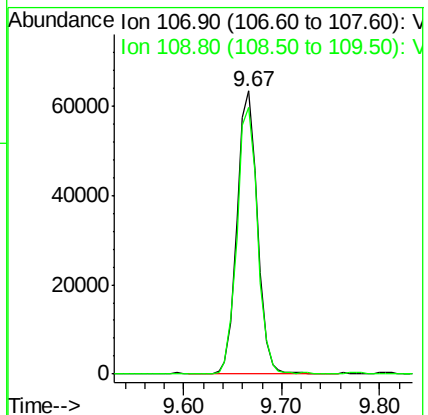
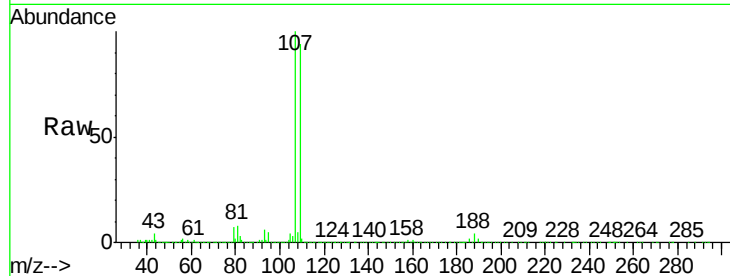
Ion Ratio Lower Upper

107 100

109 95.0 76.2 114.2

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#62

4-Bromofluorobenzene

Concen: 48.412 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

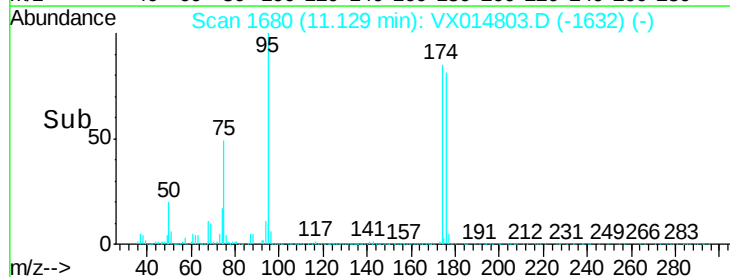
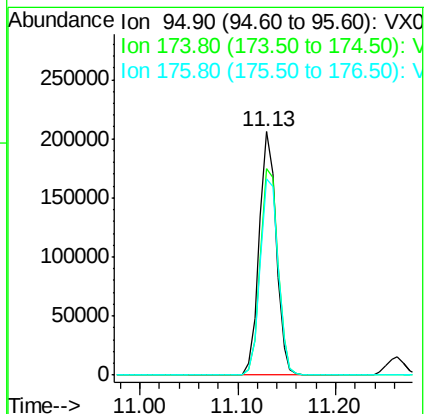
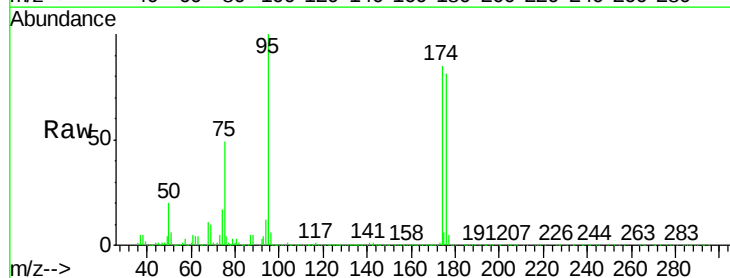
Tgt Ion: 95 Resp: 249957

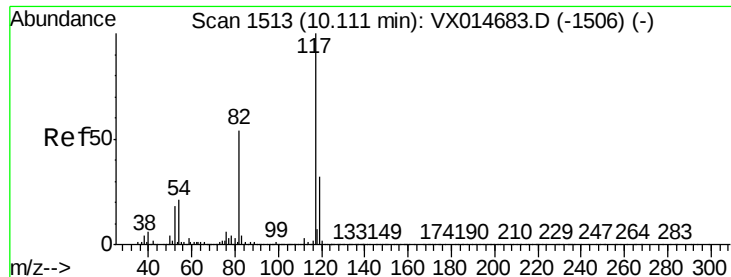
Ion Ratio Lower Upper

95 100

174 89.5 0.0 176.0

176 86.2 0.0 172.2





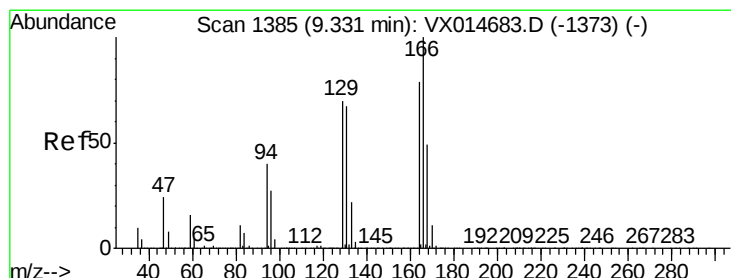
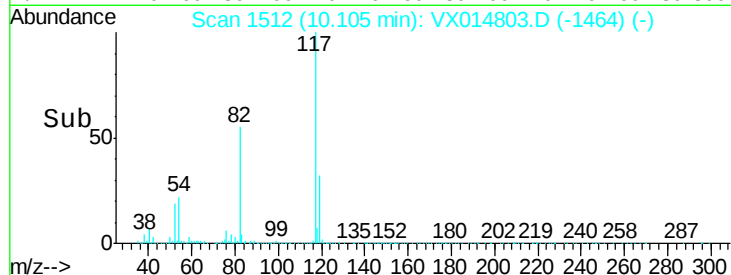
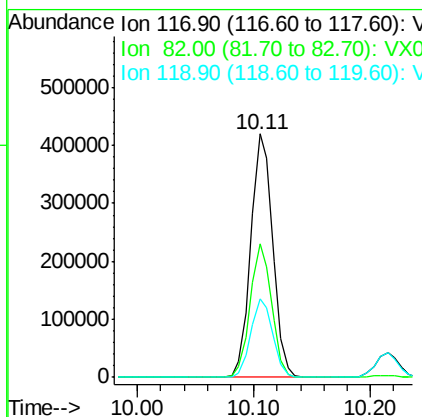
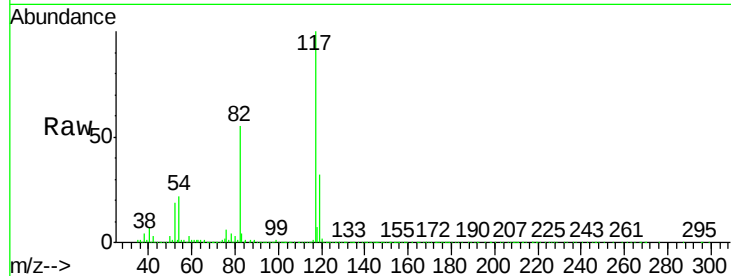
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	553893		
82	54.9	43.2	64.8	
119	32.2	25.8	38.6	

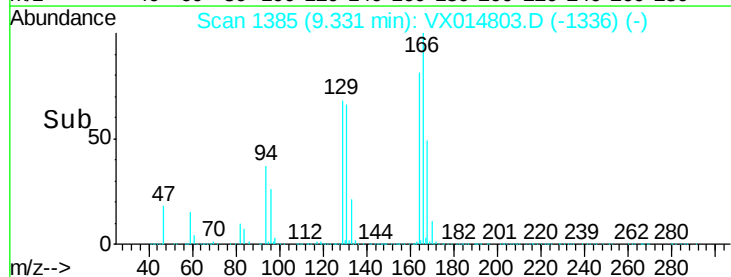
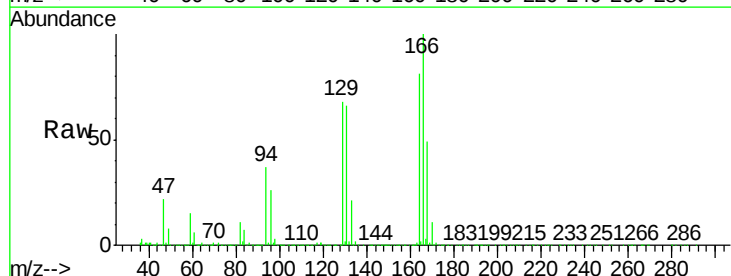
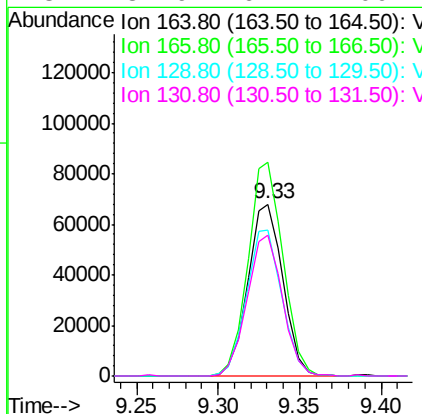
Manual Integrations
APPROVED

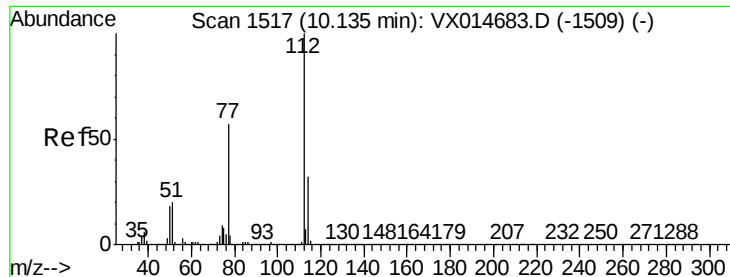
MMDadoda
2/5/2020 12:25:34 PM



#64
Tetrachloroethene
Concen: 18.469 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101263		
166	124.0	100.9	151.3	
129	84.8	71.0	106.6	
131	81.9	67.1	100.7	





#65

Chlorobenzene

Concen: 19.449 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion:112 Resp: 230423

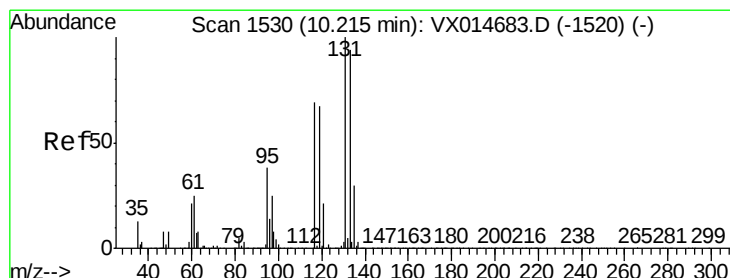
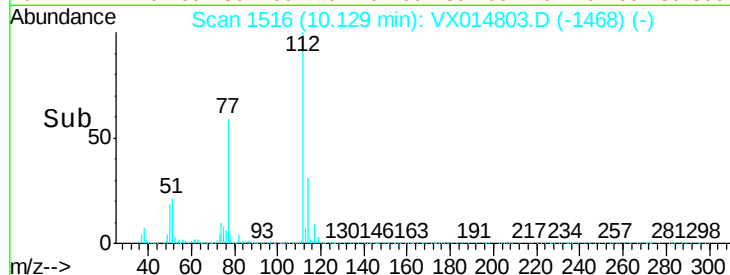
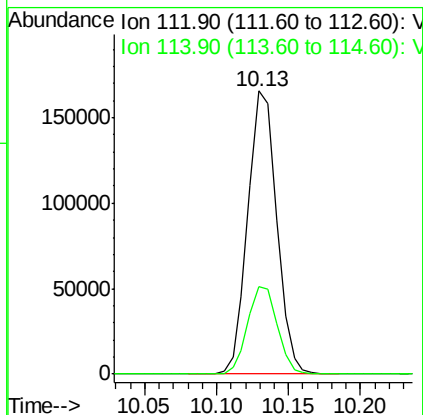
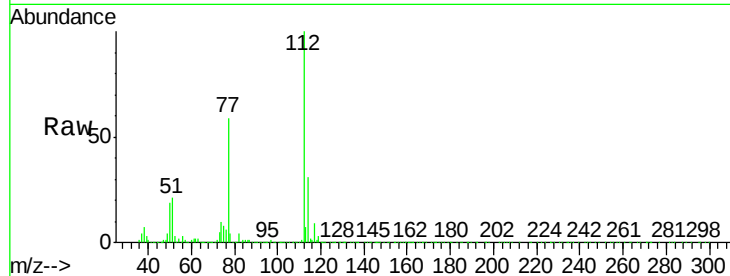
Ion Ratio Lower Upper

112 100

114 30.7 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.898 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

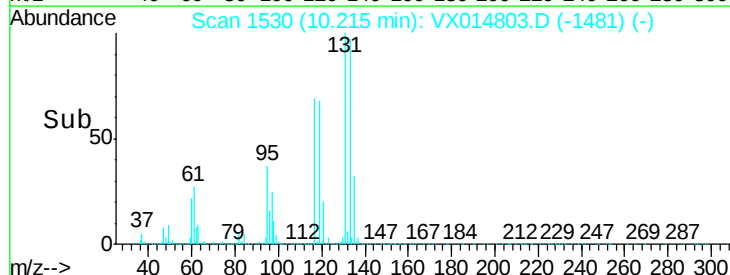
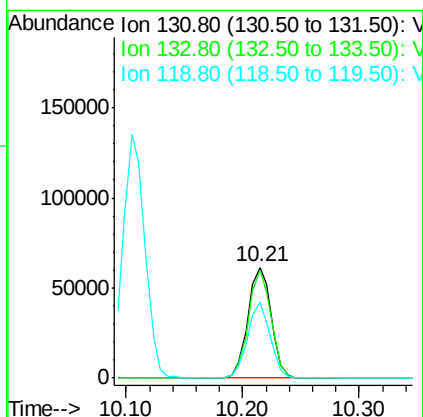
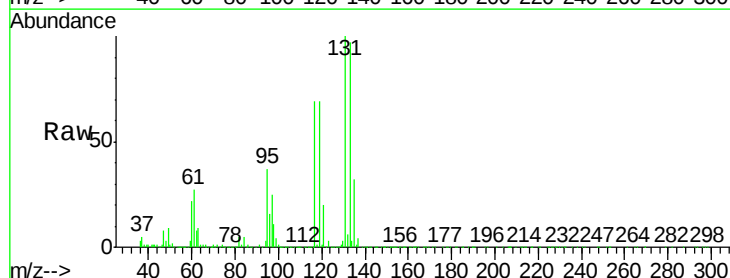
Tgt Ion:131 Resp: 86921

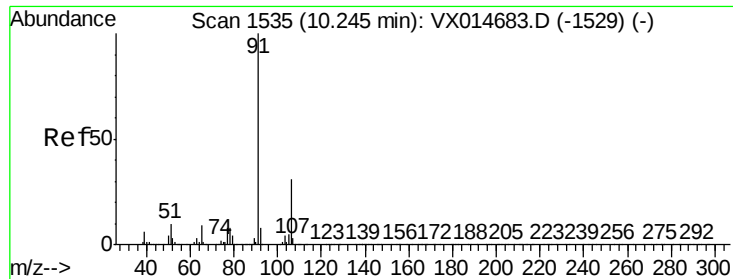
Ion Ratio Lower Upper

131 100

133 93.4 47.4 142.3

119 65.2 33.3 99.8





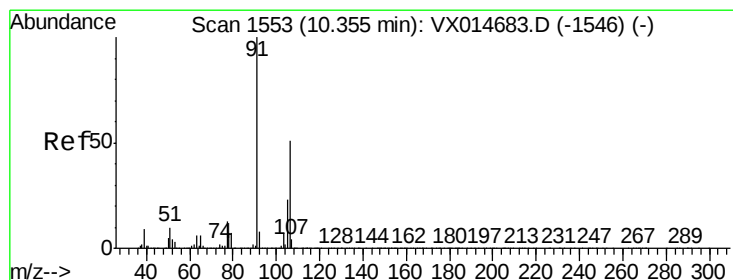
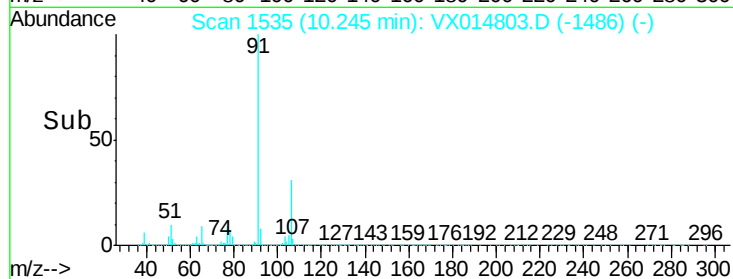
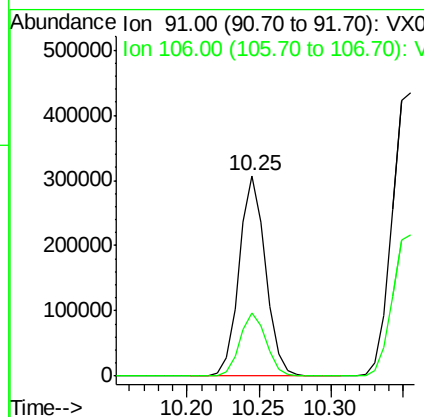
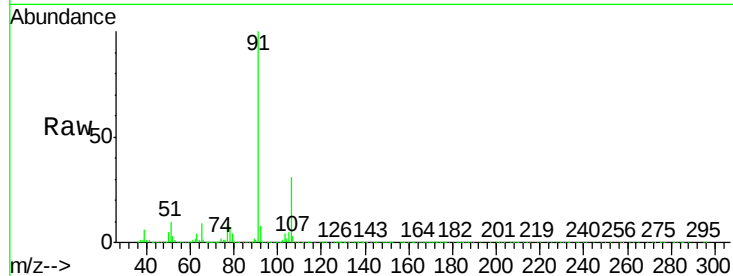
#67
Ethyl Benzene
Concen: 19.344 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampled :
VX0204WBSD01

Tot Ion: 91 Resp: 391327
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

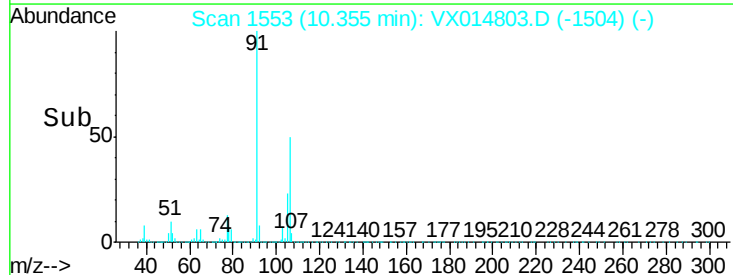
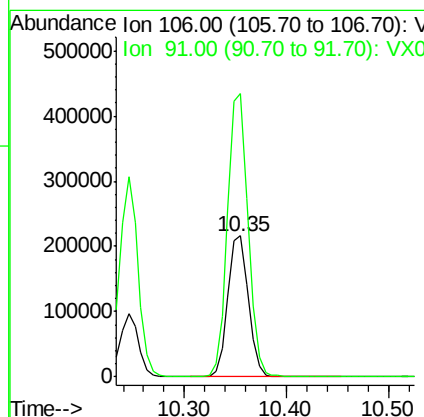
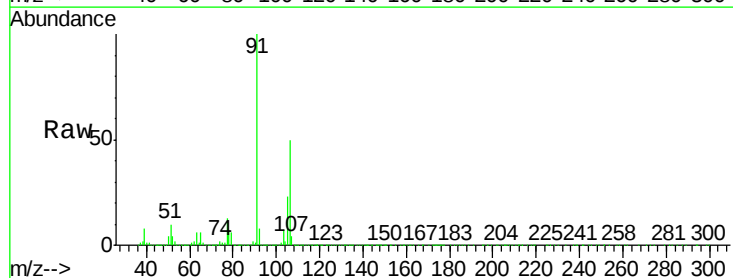
Manual Integrations
APPROVED

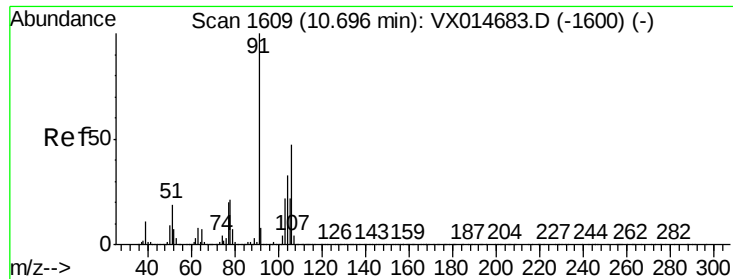
MMDadoda
2/5/2020 12:25:34 PM



#68
m/p-Xylenes
Concen: 39.313 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion: 106 Resp: 301288
Ion Ratio Lower Upper
106 100
91 200.8 159.4 239.2





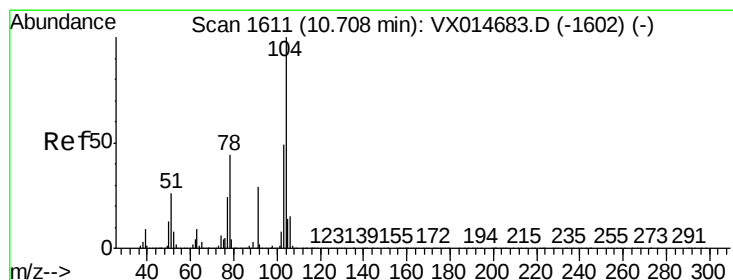
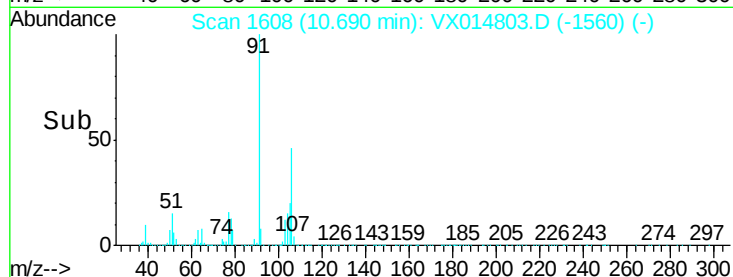
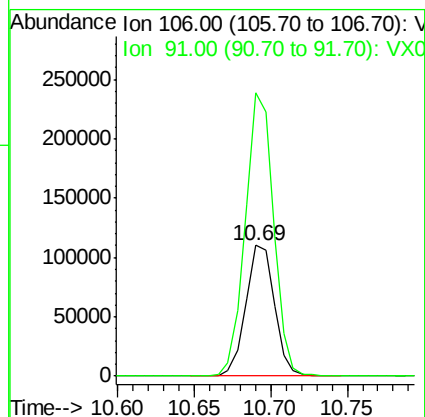
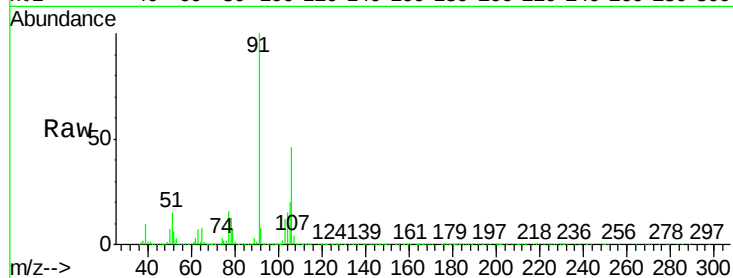
#69
o-Xylene
Concen: 19.336 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.8	106.2	318.6

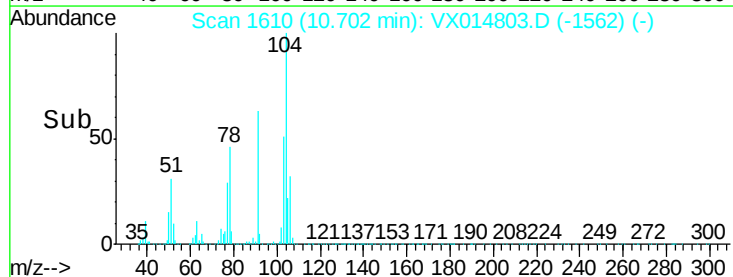
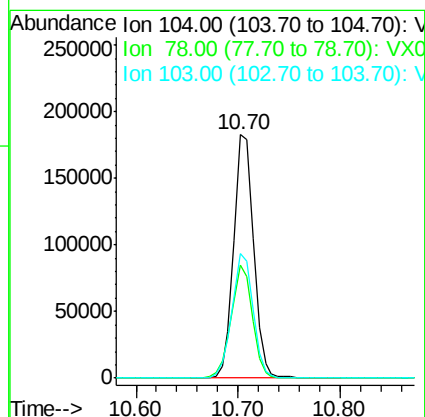
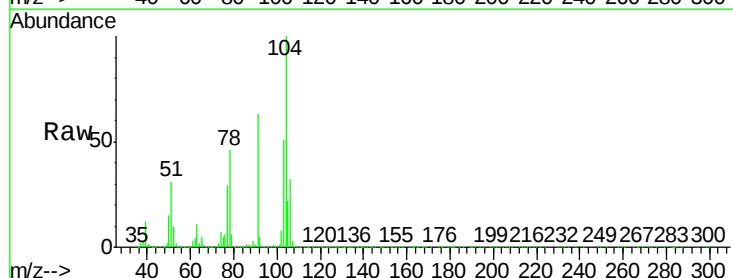
Manual Integrations
APPROVED

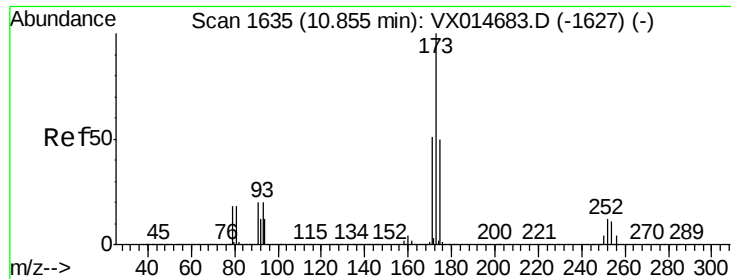
MMDadoda
2/5/2020 12:25:34 PM



#70
Styrene
Concen: 19.850 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.3	58.9
103	54.2	43.5	65.3





#71

Bromoform

Concen: 19.549 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion:173 Resp: 67908

Ion Ratio Lower Upper

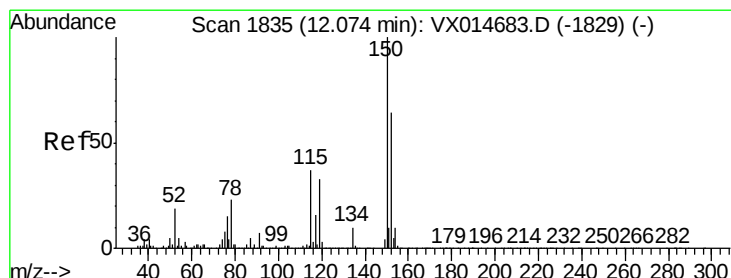
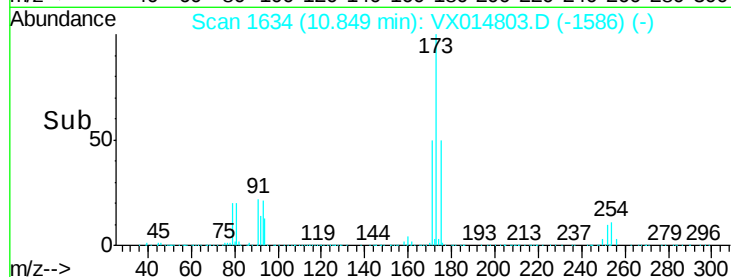
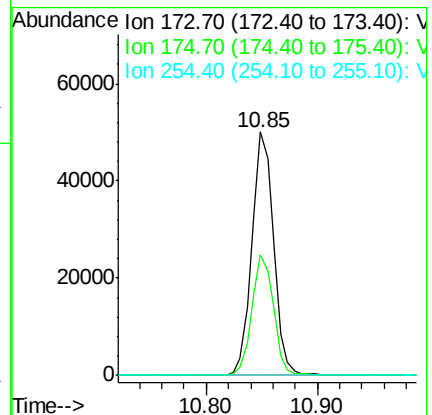
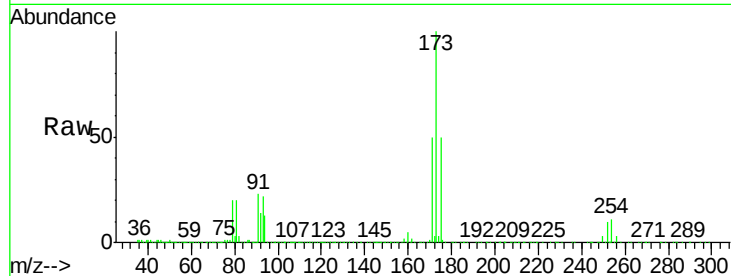
173 100

175 49.5 24.6 73.6

254 0.1 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

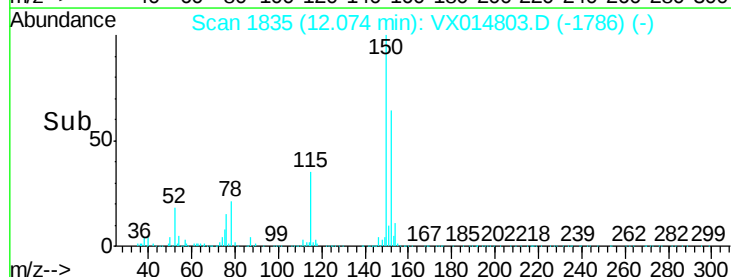
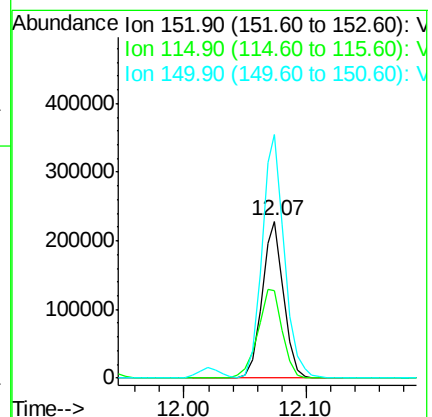
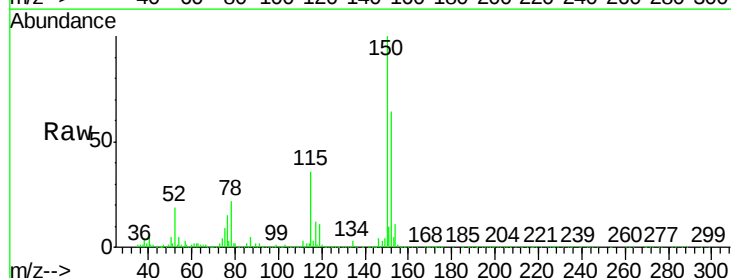
Tgt Ion:152 Resp: 278180

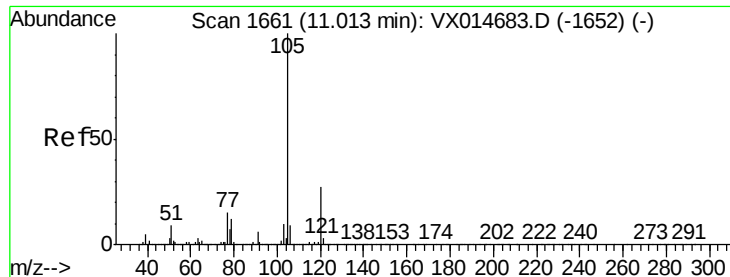
Ion Ratio Lower Upper

152 100

115 65.0 39.4 118.1

150 162.0 0.0 351.2





#73

Isopropylbenzene

Concen: 19.889 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0204WBSD01

Tot Ion: 105 Resp: 389020

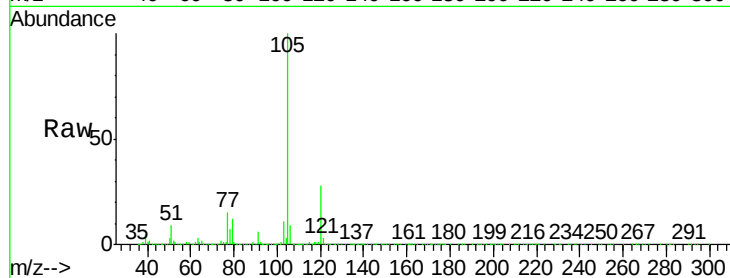
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

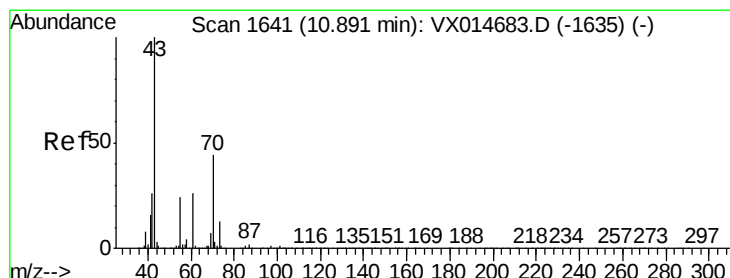
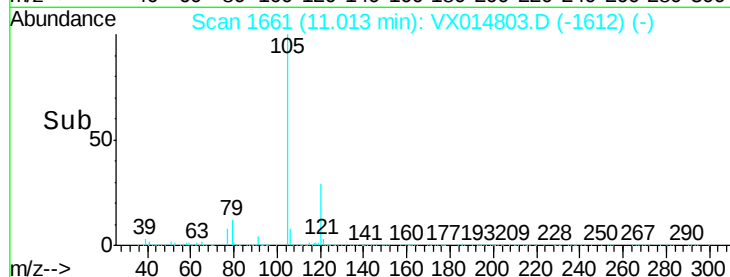
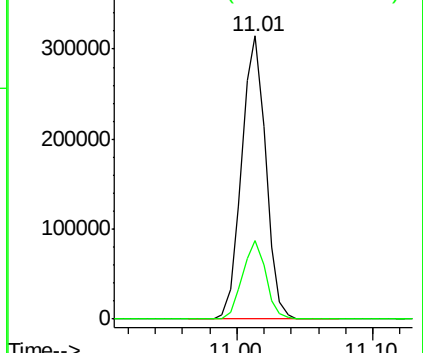
Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 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: 19.419 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion: 43 Resp: 166447

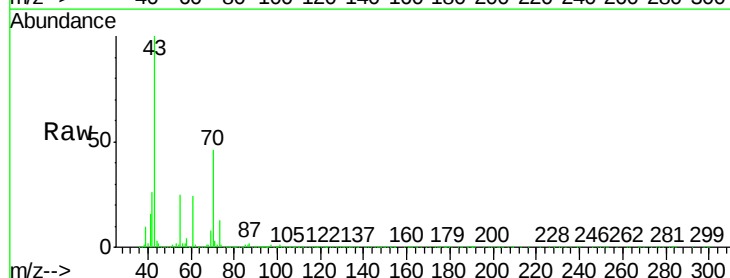
Ion Ratio Lower Upper

43 100

70 43.8 34.6 52.0

55 25.7 19.4 29.2

61 24.4 19.8 29.6

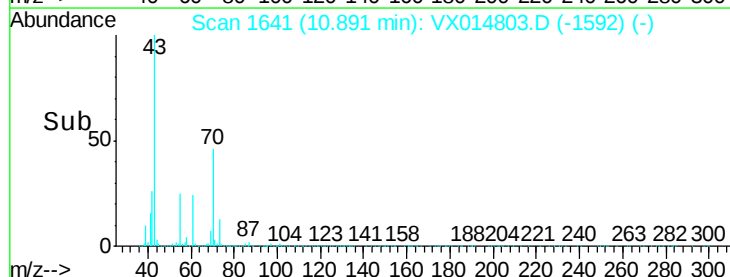
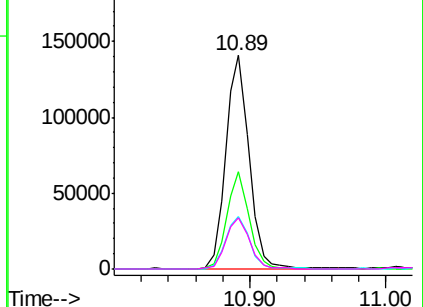


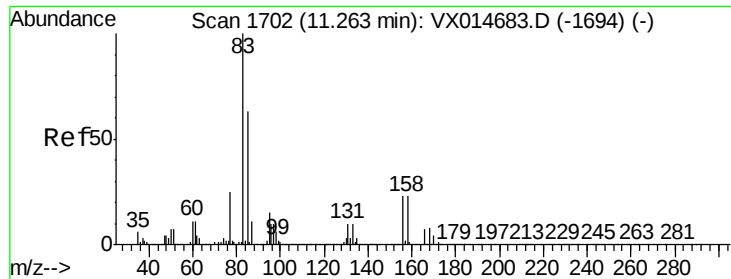
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.864 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

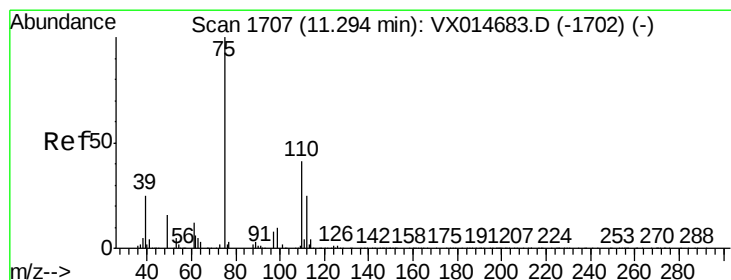
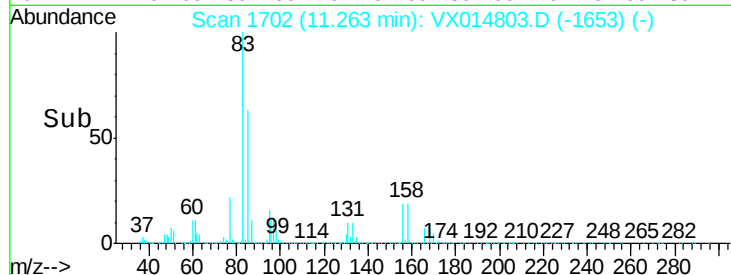
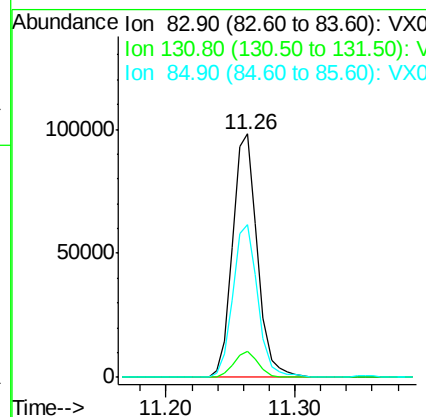
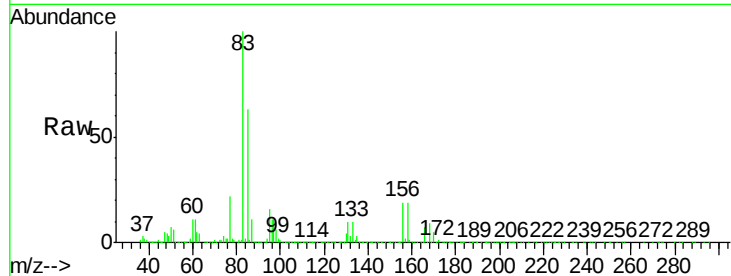
ClientSampled :

VX0204WBSD01

Tot Ion:	83	Resp:	131743
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.0	15.0
85	64.3	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#76

1,2,3-Trichloropropane

Concen: 17.668 ug/l m

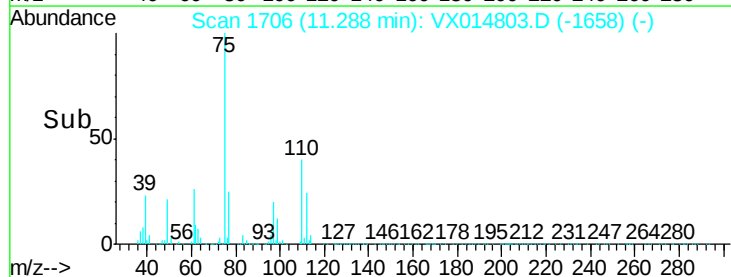
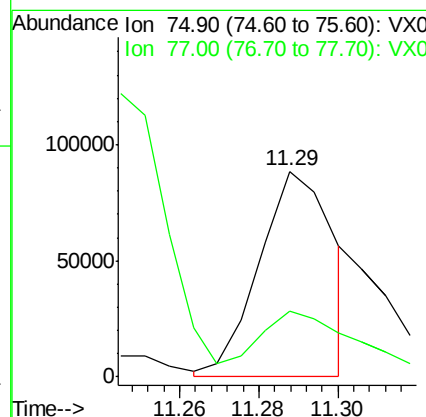
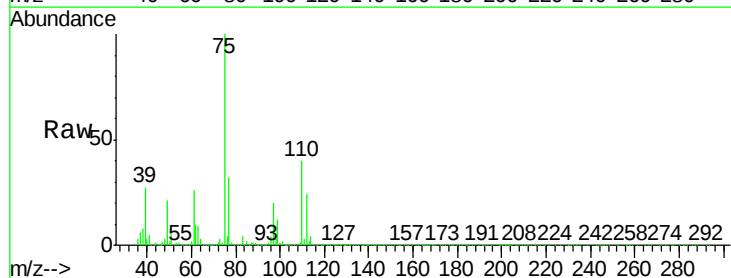
RT: 11.29 min Scan# 1706

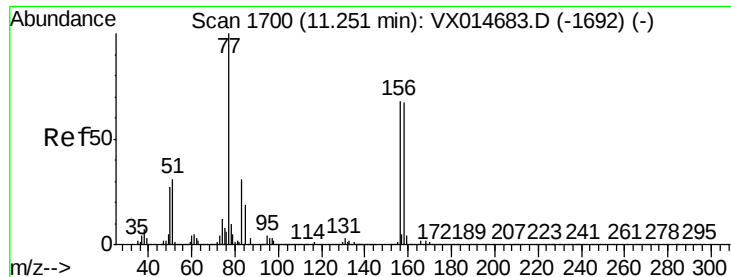
Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion:	75	Resp:	114345
Ion Ratio	Lower	Upper	
75	100		
77	43.0	18.7	56.1





#77

Bromobenzene

Concen: 19.512 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

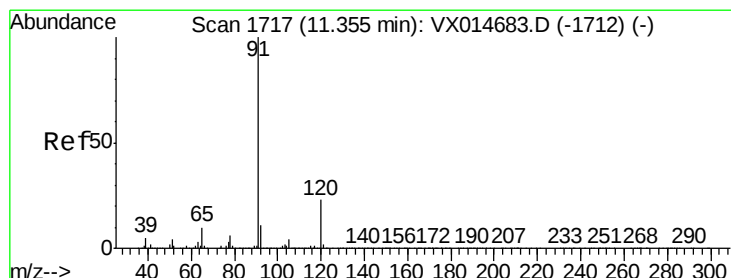
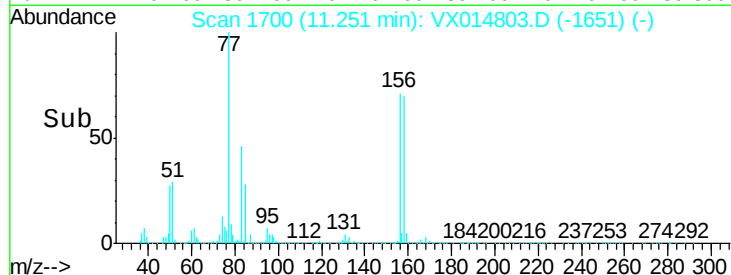
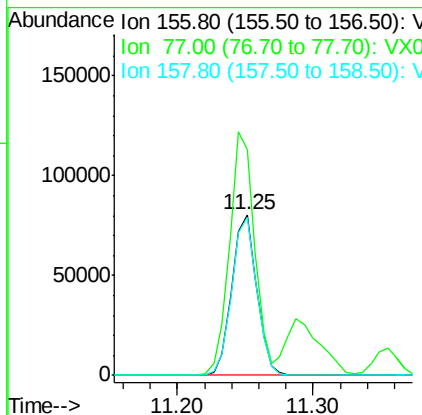
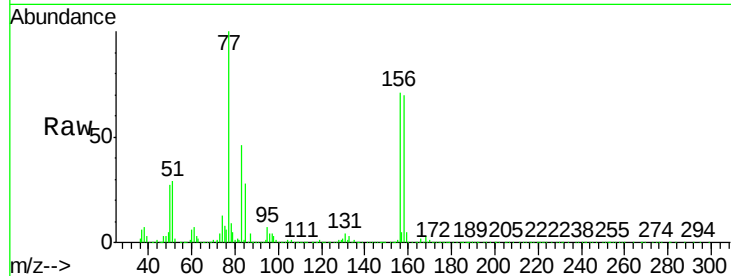
ClientSampleId :

VX0204WBSD01

Tot Ion:	156	Resp:	102531
Ion Ratio	Lower	Upper	
156	100		
77	152.1	77.5	232.5
158	98.4	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#78

n-propylbenzene

Concen: 19.688 ug/l

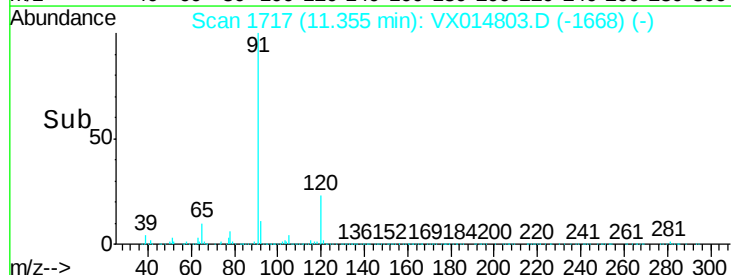
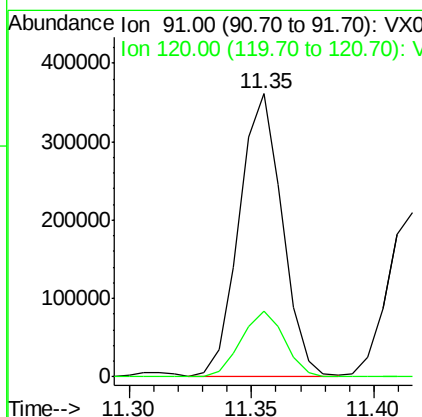
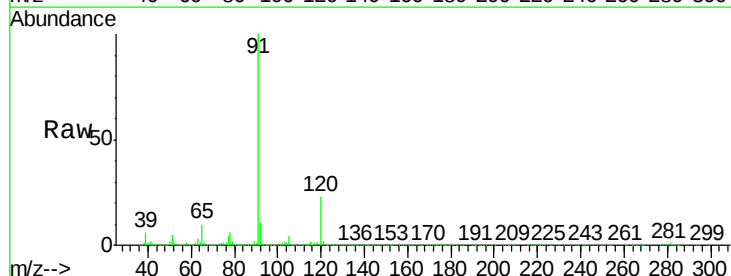
RT: 11.35 min Scan# 1717

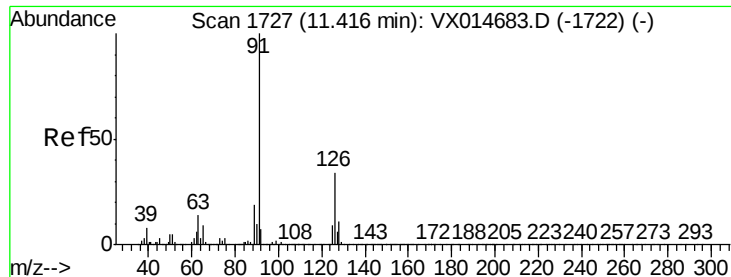
Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Tgt Ion:	91	Resp:	437113
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.669 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBSD01

Tot Ion: 91 Resp: 264221

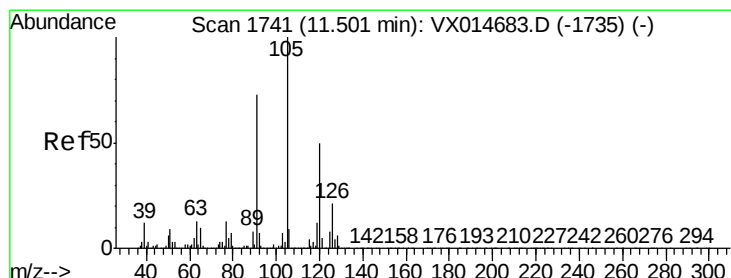
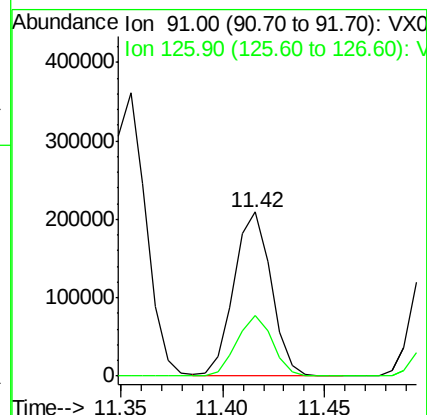
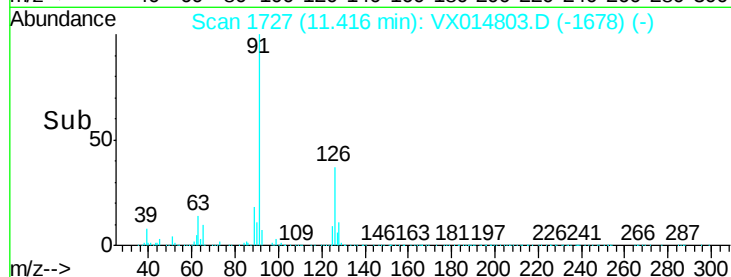
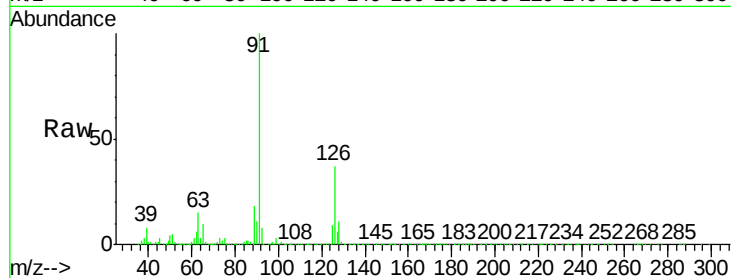
Ion Ratio Lower Upper

91 100

126 35.8 17.3 51.9

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.032 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014803.D

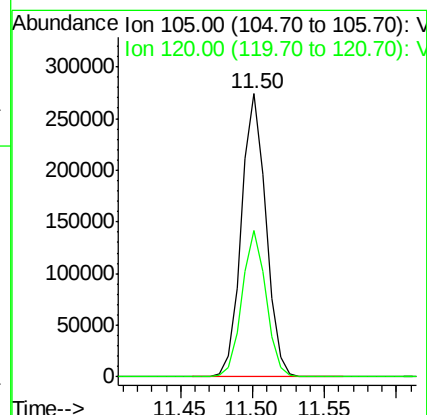
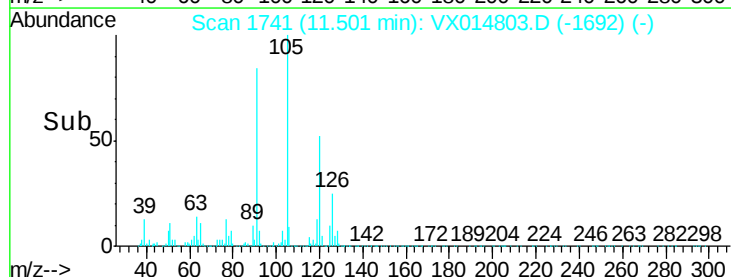
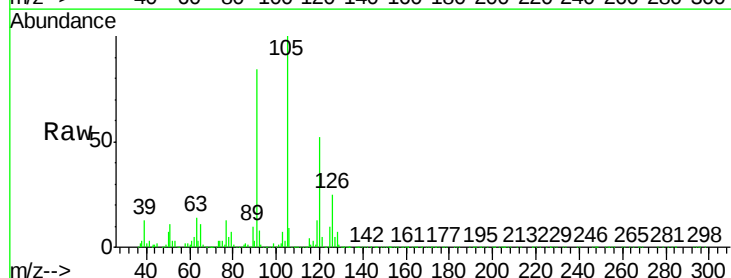
Acq: 04 Feb 2020 12:52

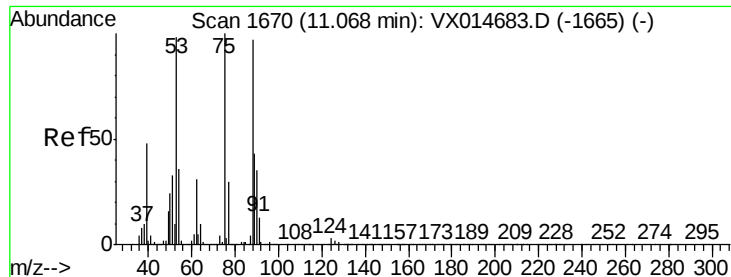
Tgt Ion: 105 Resp: 325203

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.6





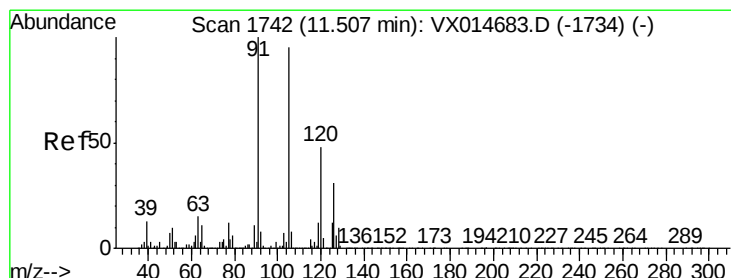
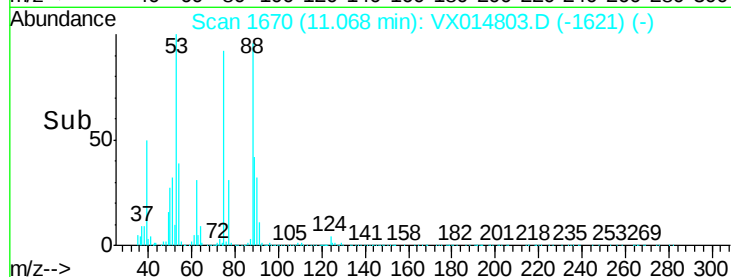
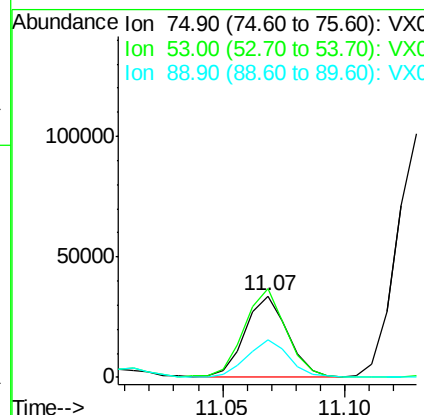
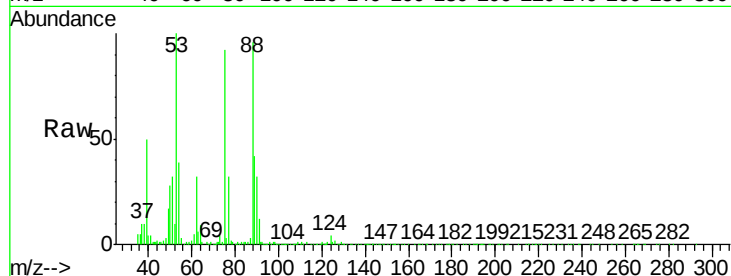
#81
trans-1,4-Dichloro-2-butene
Concen: 17.738 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.0	78.8	118.2
89	47.0	35.4	53.0

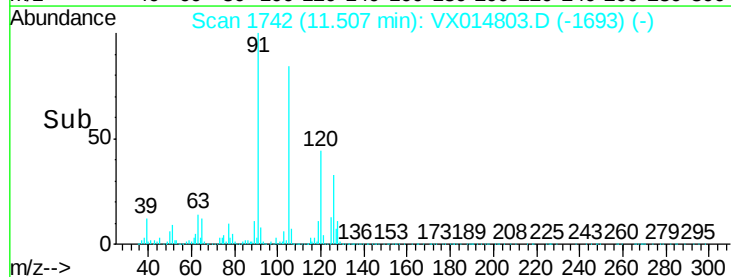
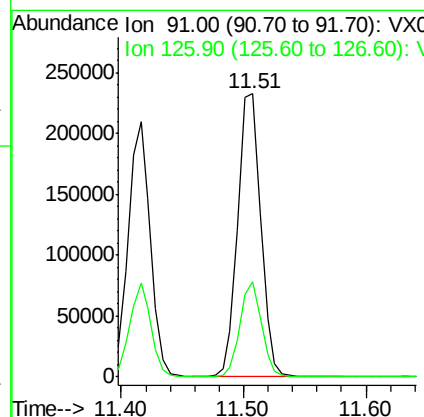
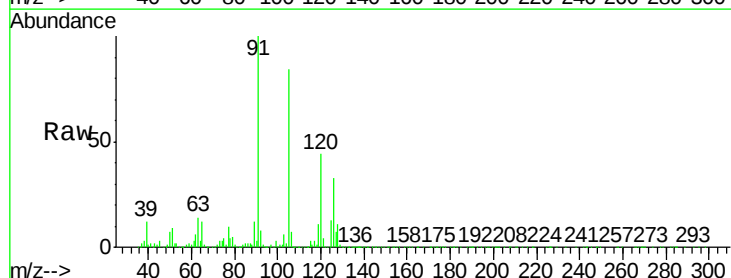
Manual Integrations
APPROVED

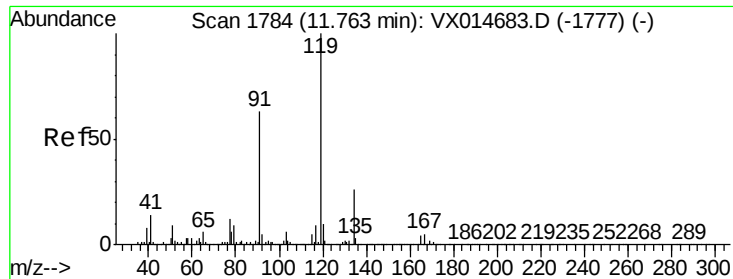
MMDadoda
2/5/2020 12:25:34 PM



#82
4-Chlorotoluene
Concen: 19.629 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4





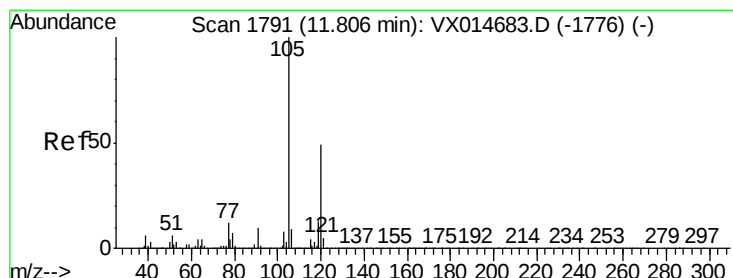
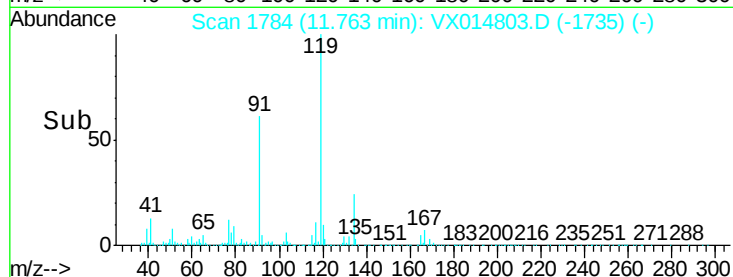
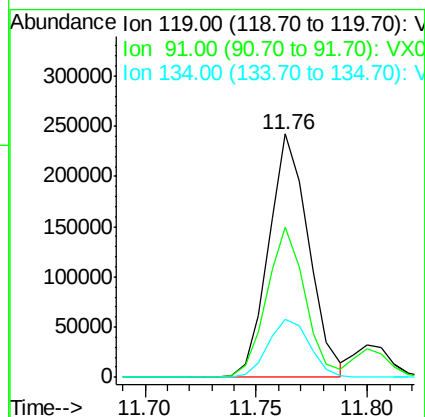
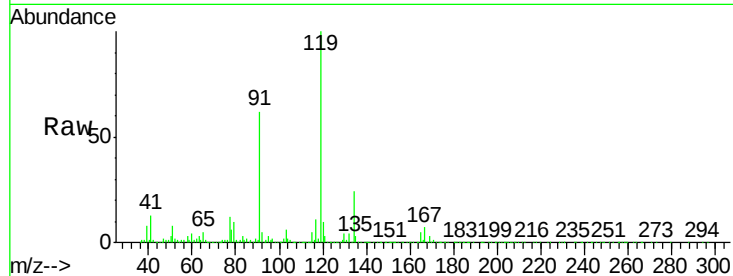
#83
tert-Butylbenzene
Concen: 19.850 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	302799		
91	59.1	30.0	90.0	
134	24.6	12.7	38.0	

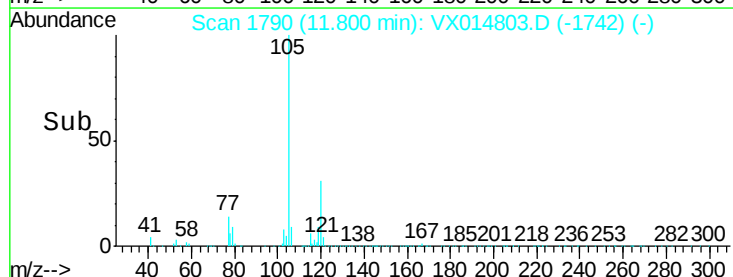
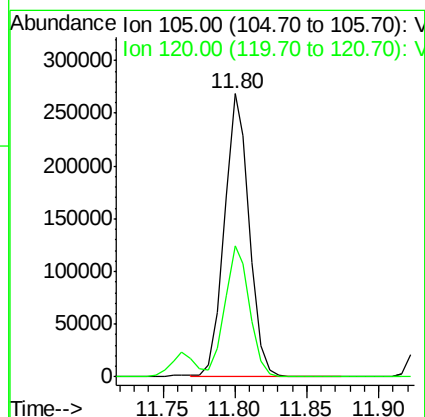
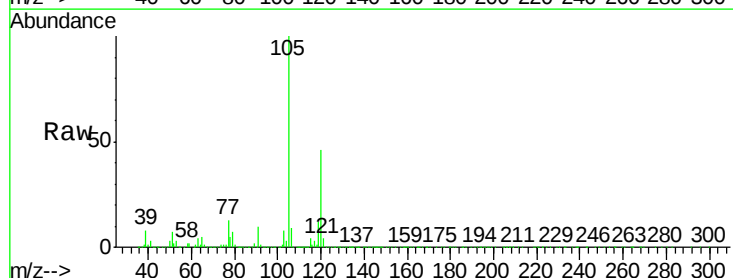
Manual Integrations
APPROVED

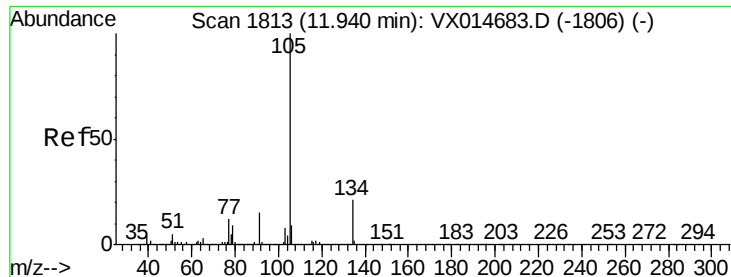
MMDadoda
2/5/2020 12:25:34 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.954 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	324913		
120	45.5	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.019 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

Instrument :

MSVOA_X

ClientSampled :

VX0204WBSD01

Tot Ion:105 Resp: 374108

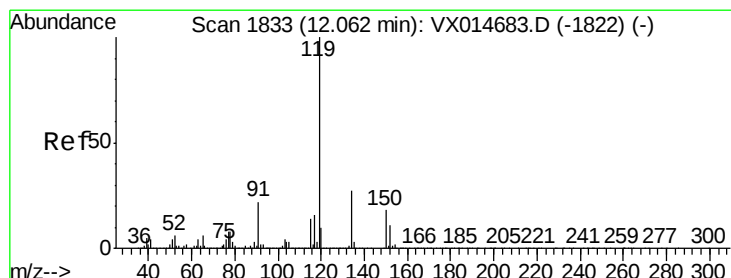
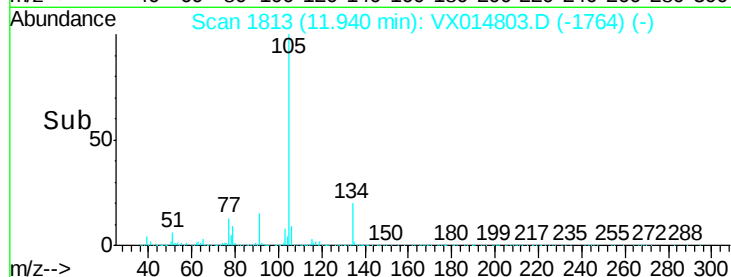
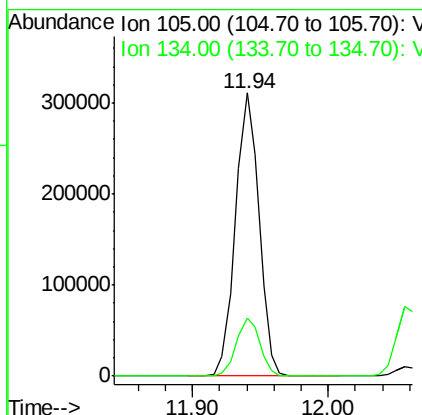
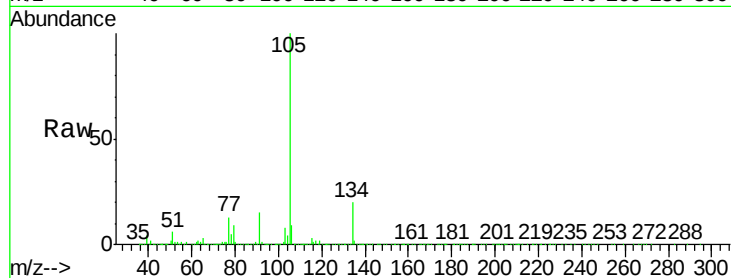
Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#86

p-Isopropyltoluene

Concen: 20.023 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014803.D

Acq: 04 Feb 2020 12:52

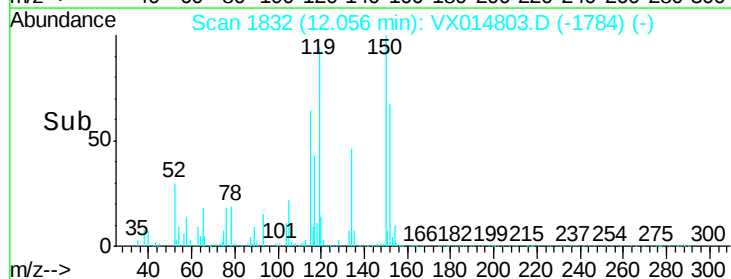
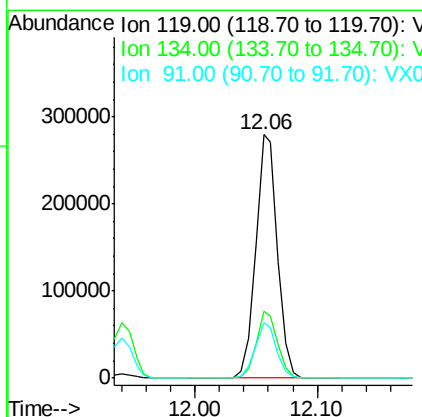
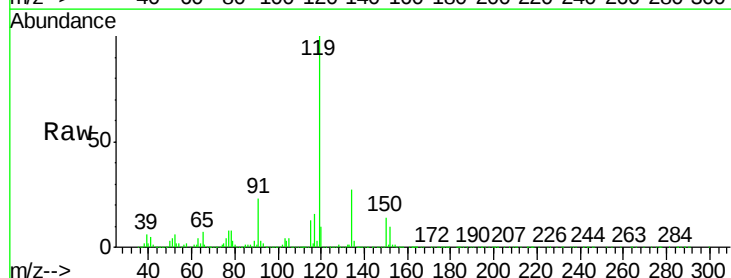
Tgt Ion:119 Resp: 345798

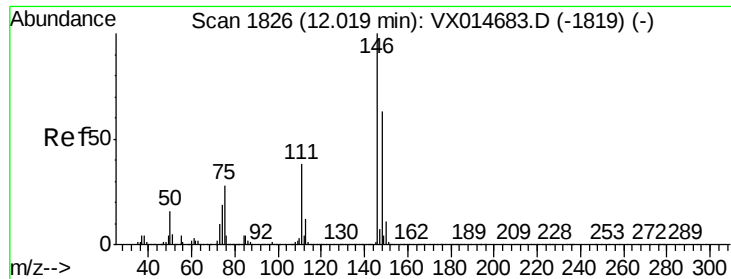
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.4 11.3 33.8





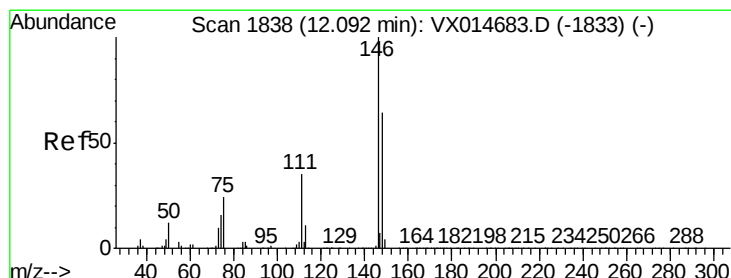
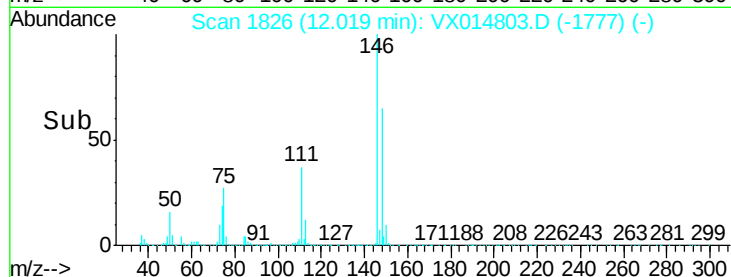
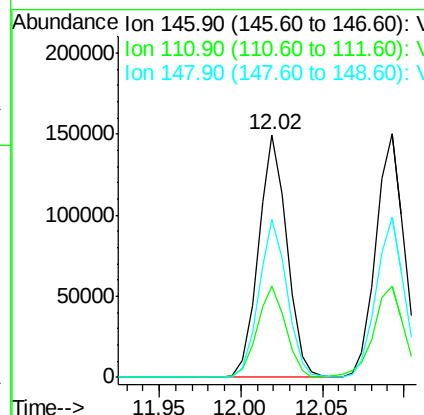
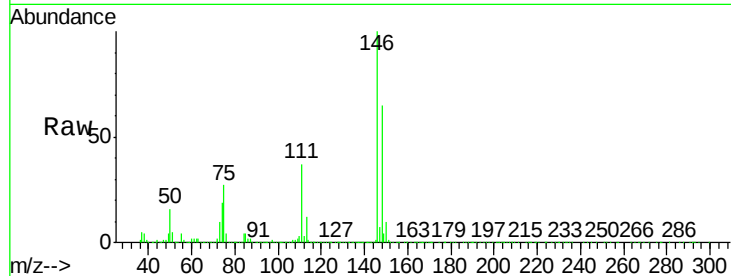
#87
 1,3-Dichlorobenzene
 Concen: 19.214 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	64.4	31.6	95.0

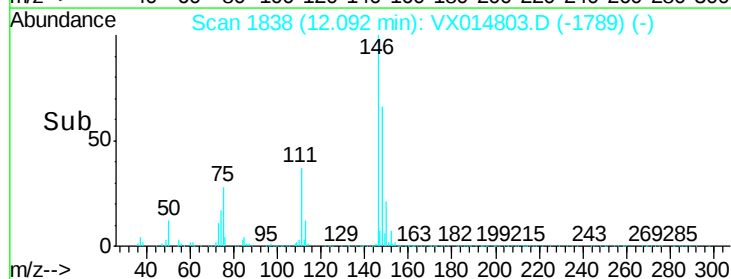
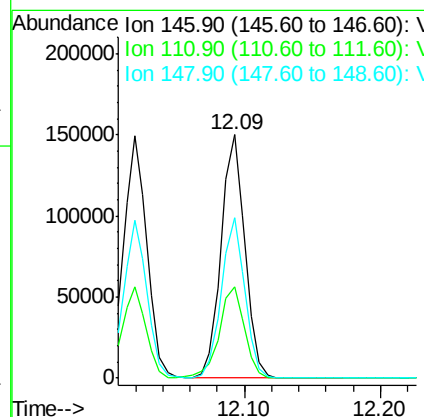
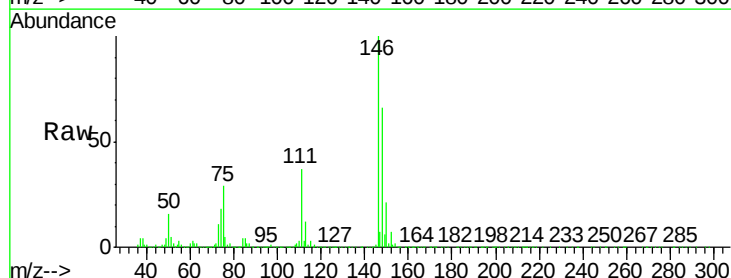
Manual Integrations
 APPROVED

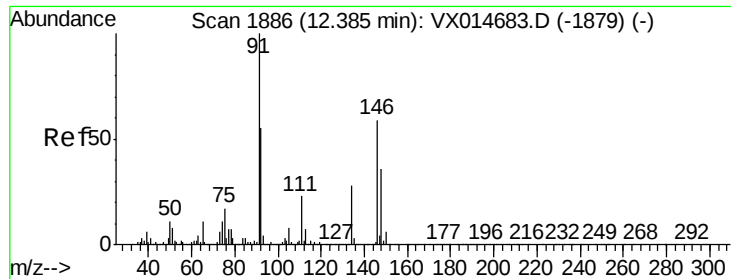
MMDadoda
 2/5/2020 12:25:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.248 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.6	55.8
148	64.9	32.0	96.2





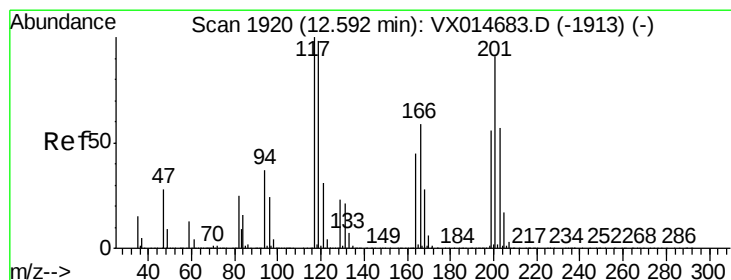
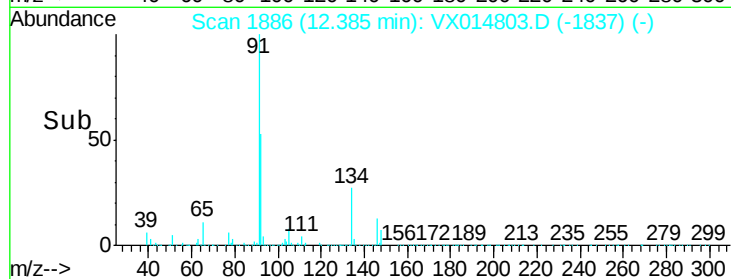
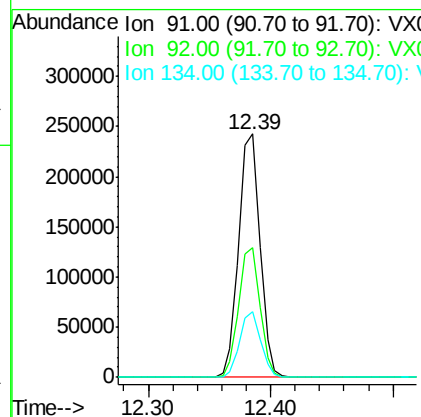
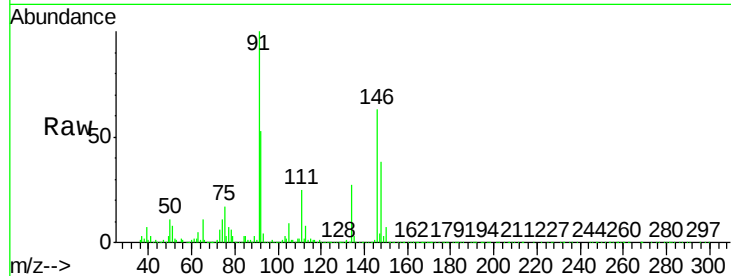
#89
n-Butylbenzene
Concen: 19.411 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.6	82.7
134	26.5	13.3	39.8

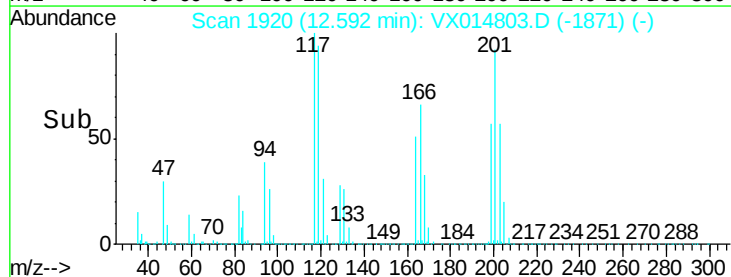
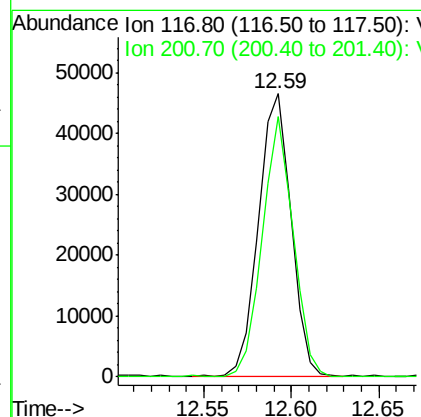
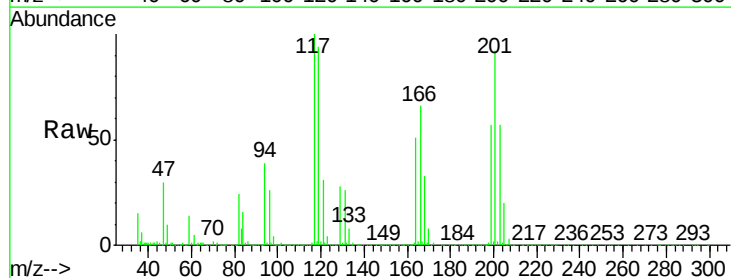
Manual Integrations
APPROVED

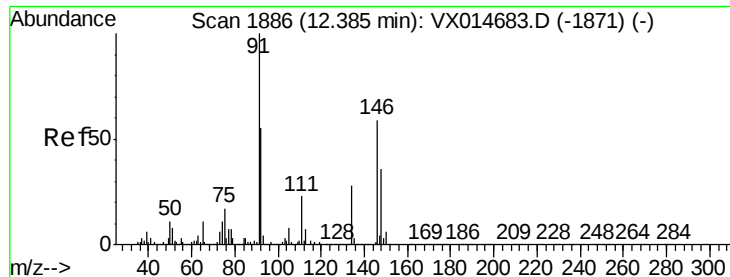
MMDadoda
2/5/2020 12:25:34 PM



#90
Hexachloroethane
Concen: 18.783 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.4	133.1





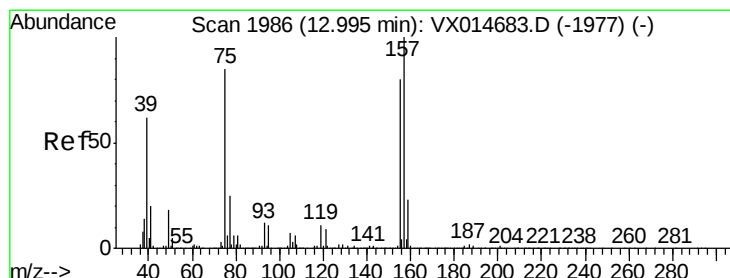
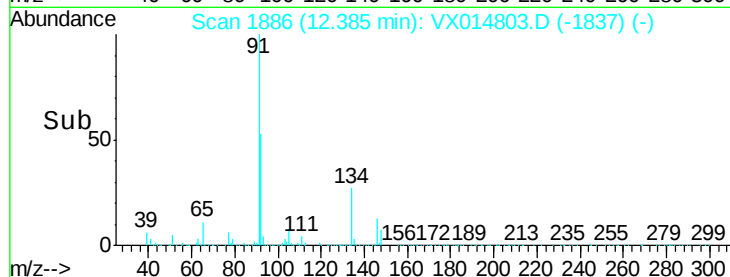
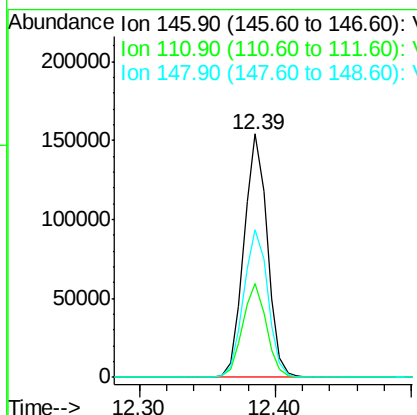
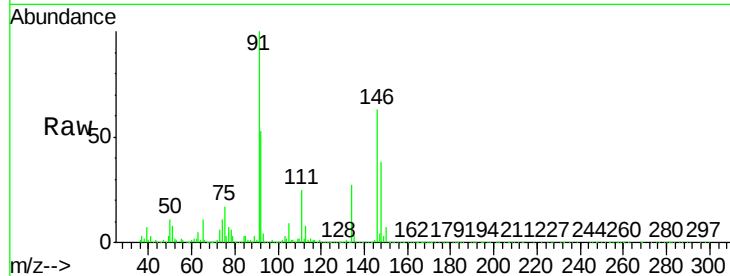
#91
 1,2-Dichlorobenzene
 Concen: 19.744 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	185183		
111	39.1	19.6	58.8	
148	63.2	31.9	95.9	

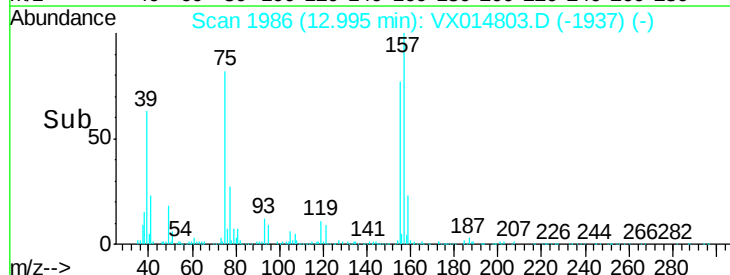
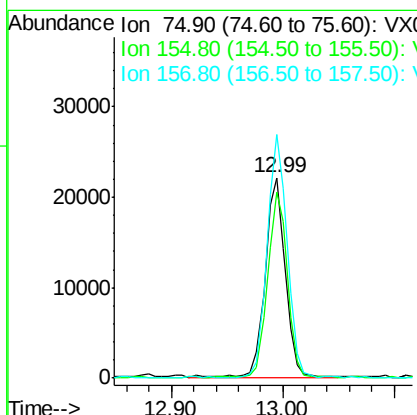
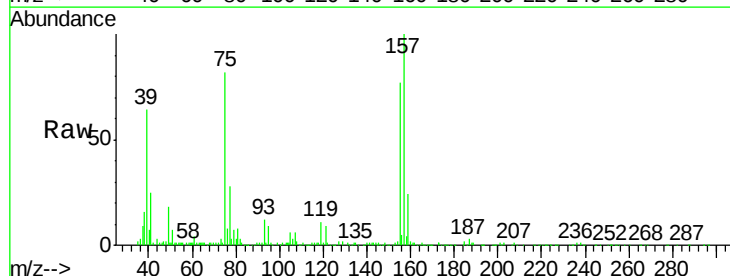
Manual Integrations
 APPROVED

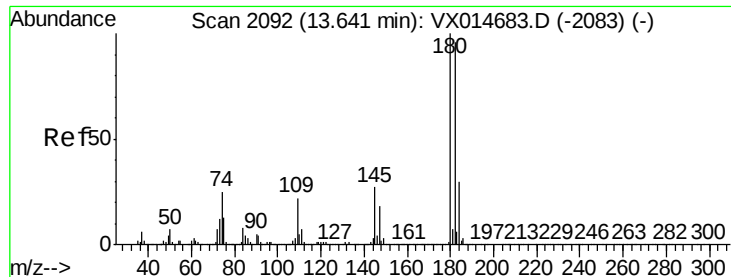
MMDadoda
 2/5/2020 12:25:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.220 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014803.D
 Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28839		
155	89.9	45.6	136.9	
157	118.2	60.3	180.9	





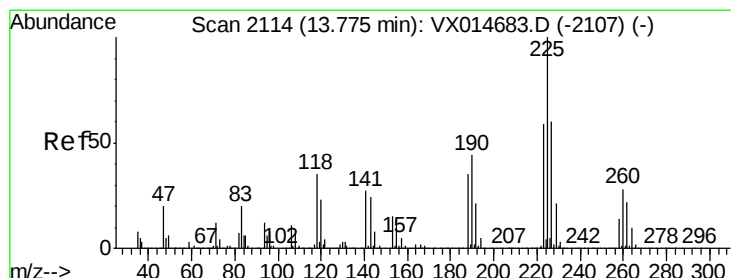
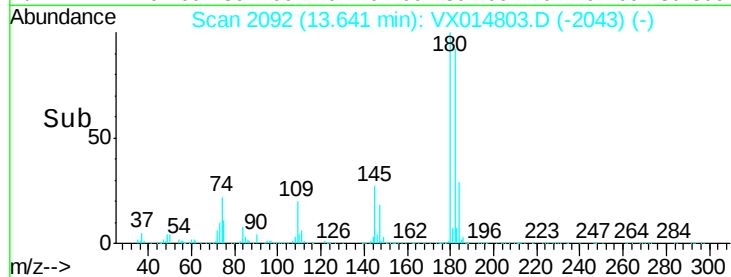
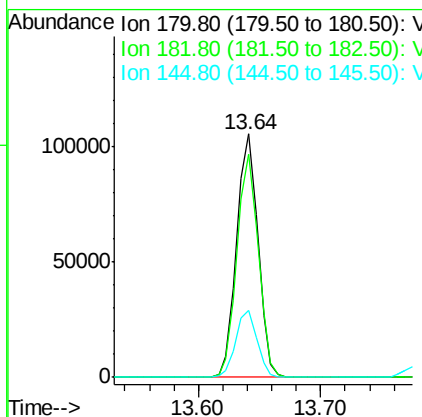
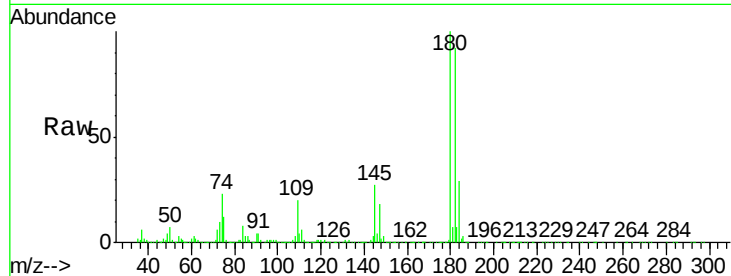
#93
1,2,4-Trichlorobenzene
Concen: 20.989 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	126921		
182	92.1	48.5	145.6	
145	27.7	14.0	41.9	

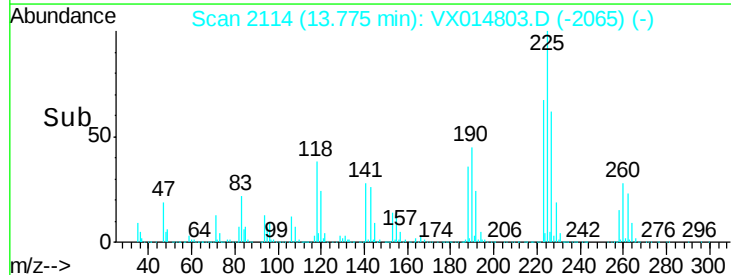
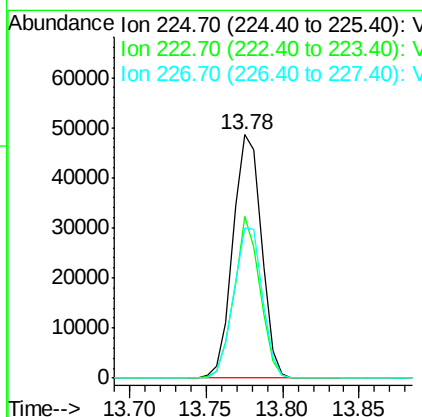
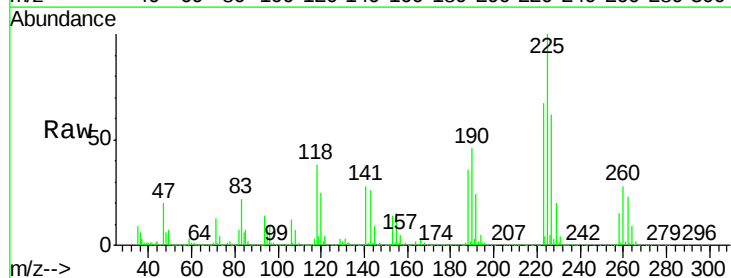
Manual Integrations
APPROVED

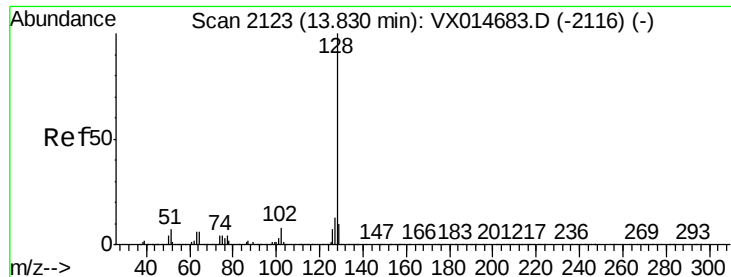
MMDadoda
2/5/2020 12:25:34 PM



#94
Hexachlorobutadiene
Concen: 20.180 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62808		
223	60.6	30.6	91.8	
227	62.6	31.4	94.0	





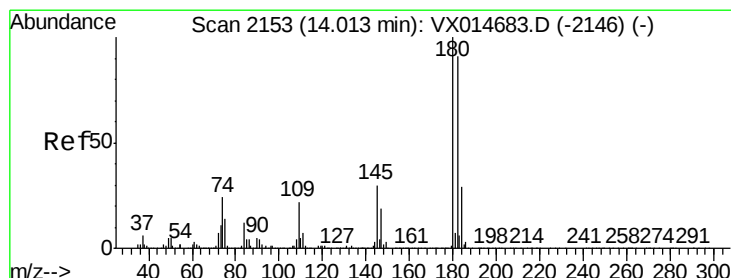
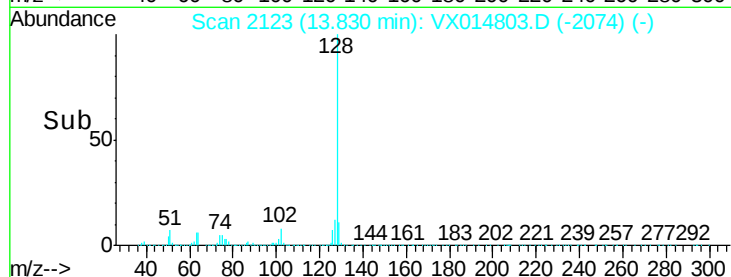
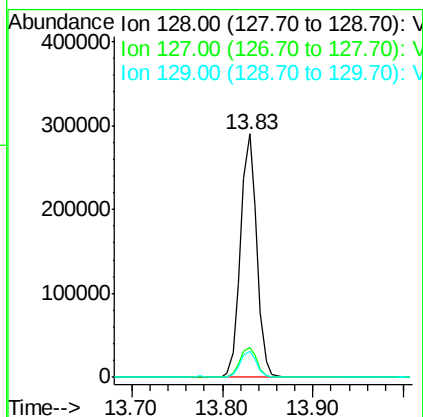
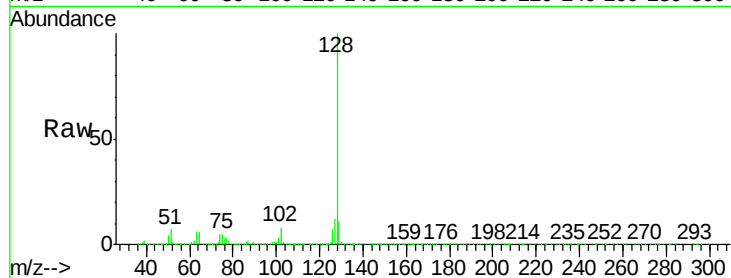
#95
Naphthalene
Concen: 19.012 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBSD01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.257 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014803.D
Acq: 04 Feb 2020 12:52

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	46.6	139.7
145	30.0	14.7	44.1

