

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014743.D
 Acq On : 28 Jan 2020 11:54
 Operator : JC/SP
 Sample : VX0128WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:36 AM

Quant Time: Jan 28 23:48:20 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	412822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	606273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	555113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	233303	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.48	113	187159	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	724472	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	254061	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	96454	17.753	ug/l 98
3) Chloromethane	1.32	50	97978	17.544	ug/l 99
4) Vinyl Chloride	1.40	62	109448	18.125	ug/l 99
5) Bromomethane	1.63	94	65682	16.014	ug/l 100
6) Chloroethane	1.72	64	63172	17.383	ug/l 100
7) Trichlorofluoromethane	1.92	101	123978	17.633	ug/l 99
8) Diethyl Ether	2.18	74	55215	17.992	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75294	18.242	ug/l 99
10) Methyl Iodide	2.50	142	94695	17.484	ug/l 98
11) Tert butyl alcohol	3.02	59	93002	85.928	ug/l 100
12) 1,1-Dichloroethene	2.37	96	70812	17.255	ug/l 99
13) Acrolein	2.28	56	57577	67.469	ug/l 98
14) Allyl chloride	2.72	41	128125	17.370	ug/l 97
15) Acrylonitrile	3.12	53	223495	89.247	ug/l 98
16) Acetone	2.43	43	215475	81.655	ug/l 98
17) Carbon Disulfide	2.56	76	189875	16.929	ug/l 100
18) Methyl Acetate	2.76	43	141158	18.717	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	250269	18.619	ug/l 100
20) Methylene Chloride	2.84	84	86414	17.675	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	77537	17.160	ug/l 93
22) Diisopropyl ether	3.84	45	272712	18.583	ug/l 94
23) Vinyl Acetate	3.80	43	1058871	94.651	ug/l 99
24) 1,1-Dichloroethane	3.69	63	145139	18.211	ug/l 99
25) 2-Butanone	4.65	43	320376	84.633	ug/l 100
26) 2,2-Dichloropropane	4.57	77	114258	17.911	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	90502	17.896	ug/l 99
28) Bromochloromethane	5.00	49	69178	19.752	ug/l 99
29) Tetrahydrofuran	5.11	42	201268	89.582	ug/l 99
30) Chloroform	5.20	83	145144	18.384	ug/l 98
31) Cyclohexane	5.57	56	131738	17.574	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	119308	17.878	ug/l 100
36) 1,1-Dichloropropene	5.79	75	107319	19.050	ug/l 99
37) Ethyl Acetate	4.81	43	120241	18.636	ug/l 99
38) Carbon Tetrachloride	5.77	117	100753	18.727	ug/l 92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014743.D
 Acq On : 28 Jan 2020 11:54
 Operator : JC/SP
 Sample : VX0128WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:36 AM

Quant Time: Jan 28 23:48:20 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	130456	18.485	ug/l	97
40) Benzene	6.13	78	328869	18.894	ug/l	97
41) Methacrylonitrile	5.02	41	68167	18.357	ug/l	99
42) 1,2-Dichloroethane	6.17	62	117286	19.513	ug/l	99
43) Isopropyl Acetate	6.43	43	194081	18.369	ug/l	99
44) Trichloroethene	7.20	130	90623	18.432	ug/l	95
45) 1,2-Dichloropropane	7.50	63	85608	19.091	ug/l	97
46) Dibromomethane	7.65	93	57228	19.705	ug/l	99
47) Bromodichloromethane	7.89	83	110579	19.413	ug/l	99
48) Methyl methacrylate	7.76	41	95402	18.898	ug/l	97
49) 1,4-Dioxane	7.73	88	40295	376.547	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	624105	93.588	ug/l	100
52) Toluene	8.78	92	208120	19.451	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	118129	19.260	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	131108	19.431	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	85790	19.584	ug/l	100
56) Ethyl methacrylate	9.17	69	125634	18.097	ug/l	99
57) 1,3-Dichloropropane	9.36	76	145677	19.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	225029	102.142	ug/l	100
59) 2-Hexanone	9.48	43	472516	91.312	ug/l	99
60) Dibromochloromethane	9.57	129	87000	19.027	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89865	19.402	ug/l	99
64) Tetrachloroethene	9.33	164	93613	17.036	ug/l	98
65) Chlorobenzene	10.13	112	220910	18.605	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	80361	18.356	ug/l	99
67) Ethyl Benzene	10.25	91	380867	18.786	ug/l	98
68) m/p-Xylenes	10.35	106	297487	38.732	ug/l	100
69) o-Xylene	10.70	106	140691	18.974	ug/l	99
70) Styrene	10.71	104	239178	19.229	ug/l	99
71) Bromoform	10.85	173	65082	18.694	ug/l	99
73) Isopropylbenzene	11.01	105	377428	18.942	ug/l	99
74) N-amyl acetate	10.89	43	160320	18.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	127779	17.961	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	109583m	16.621	ug/l	
77) Bromobenzene	11.25	156	102514	19.151	ug/l	97
78) n-propylbenzene	11.35	91	429390	18.985	ug/l	100
79) 2-Chlorotoluene	11.42	91	256949	18.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	318644	19.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38812	16.753	ug/l	95
82) 4-Chlorotoluene	11.51	91	297231	19.079	ug/l	100
83) tert-Butylbenzene	11.76	119	297888	19.170	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	317509	19.142	ug/l	99
85) sec-Butylbenzene	11.94	105	364402	19.142	ug/l	99
86) p-Isopropyltoluene	12.06	119	333614	18.963	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	176805	18.379	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178897	18.565	ug/l	99
89) n-Butylbenzene	12.39	91	283063	18.474	ug/l	99
90) Hexachloroethane	12.59	117	58518	17.908	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	179724	18.810	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26354	17.242	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
Data File : VX014743.D
Acq On : 28 Jan 2020 11:54
Operator : JC/SP
Sample : VX0128WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM

Quant Time: Jan 28 23:48:20 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	115728	18.787	ug/l	99
94) Hexachlorobutadiene	13.78	225	59736	18.841	ug/l	99
95) Naphthalene	13.83	128	330410	17.255	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	119145	19.129	ug/l	97

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

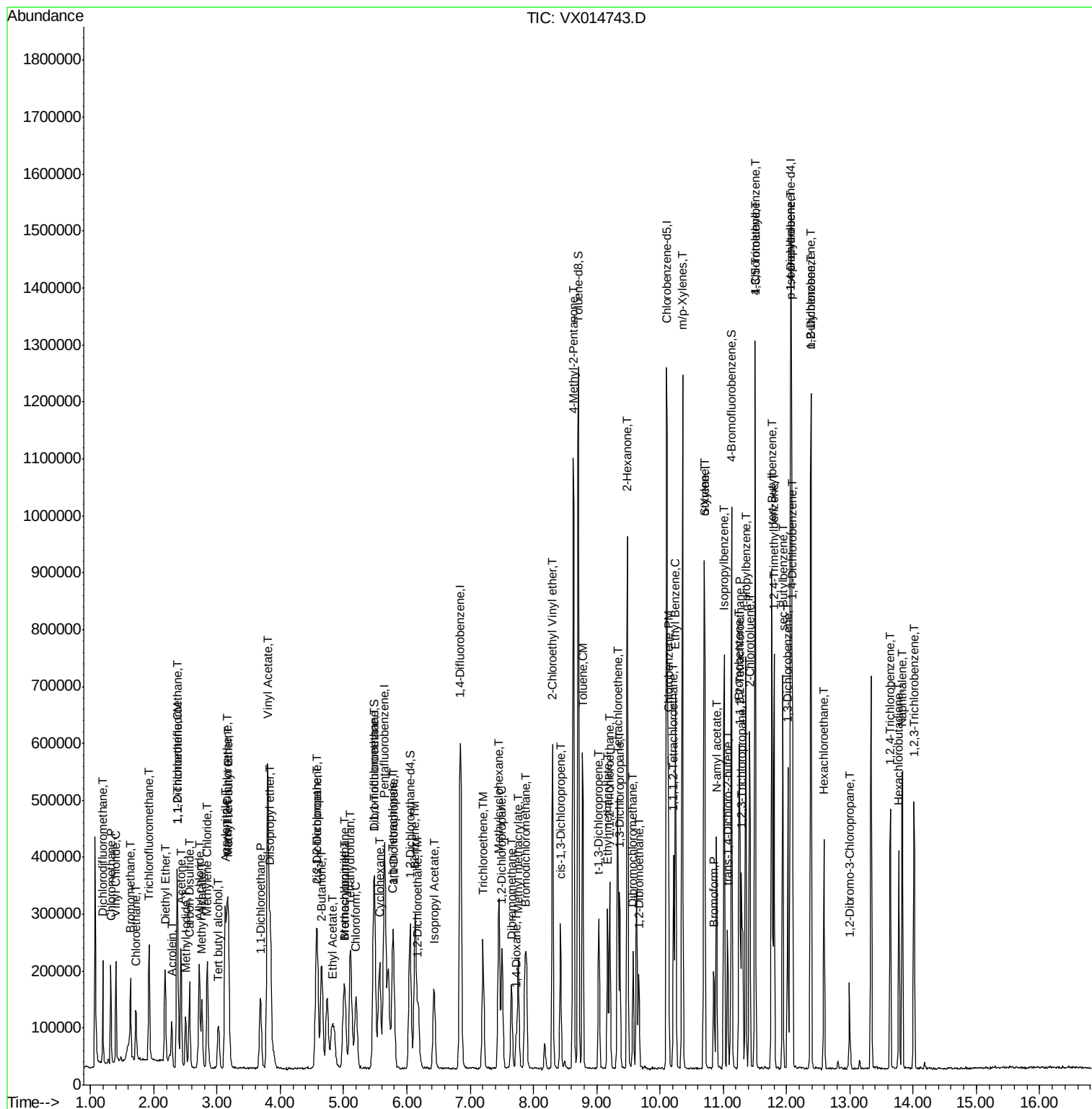
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012820\
Data File : VX014743.D
Acq On : 28 Jan 2020 11:54
Operator : JC/SP
Sample : VX0128WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

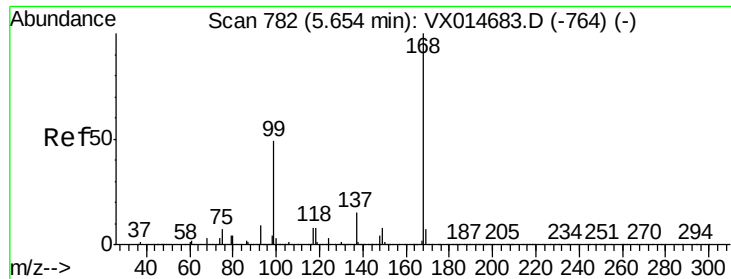
Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM

Quant Time: Jan 28 23:48:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

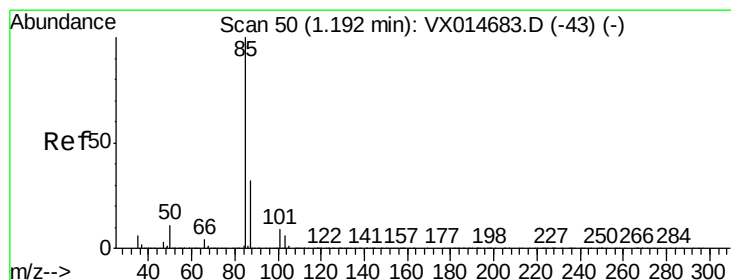
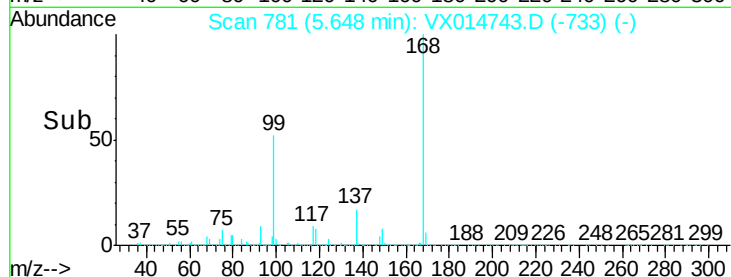
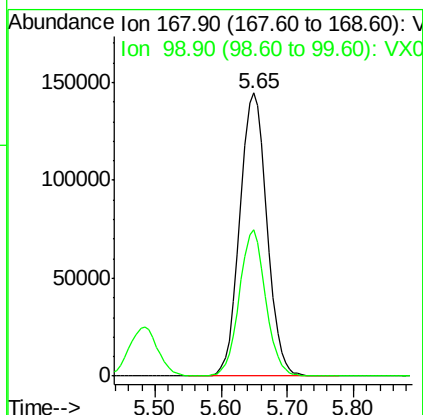
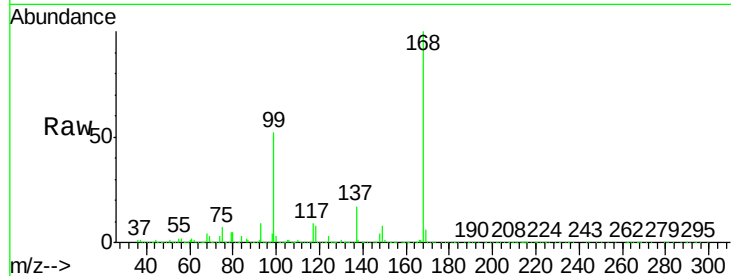
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	412822		
99	51.4	39.8	59.6	

Manual Integrations
APPROVED

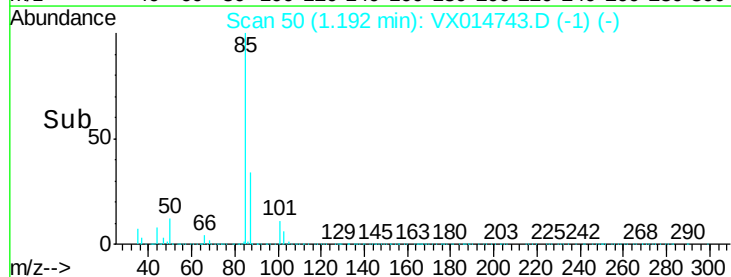
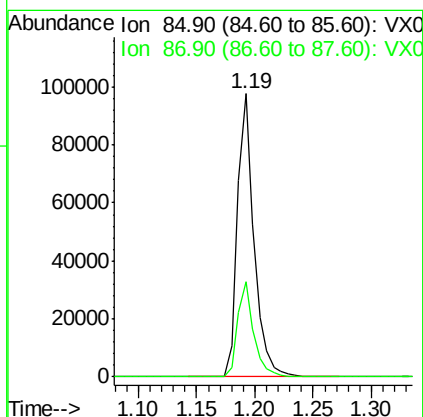
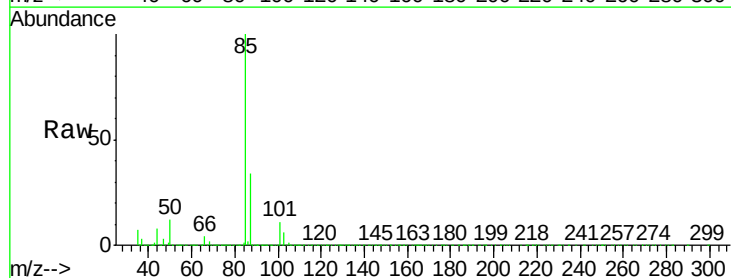
MMDadoda
1/29/2020 10:55:36 AM

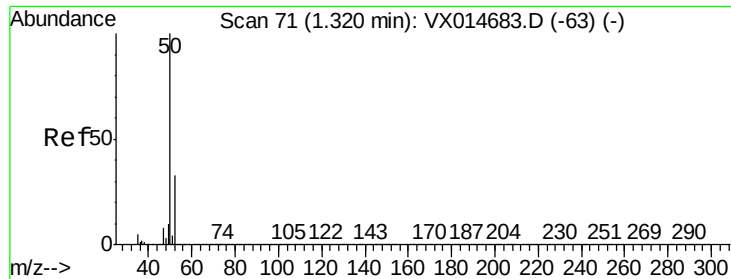


#2

Dichlorodifluoromethane
Concen: 17.753 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	96454		
87	33.4	16.2	48.5	





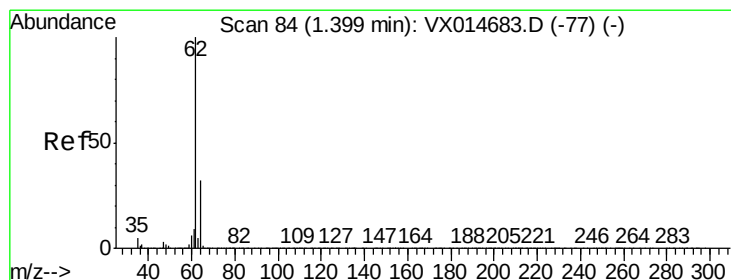
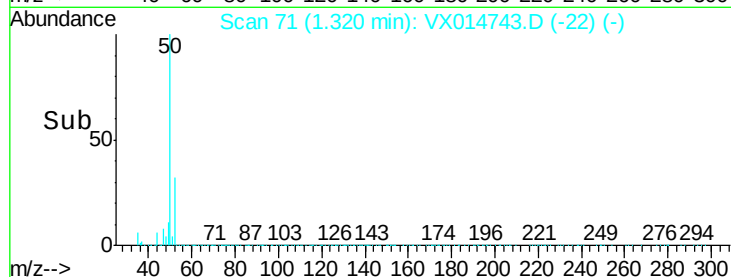
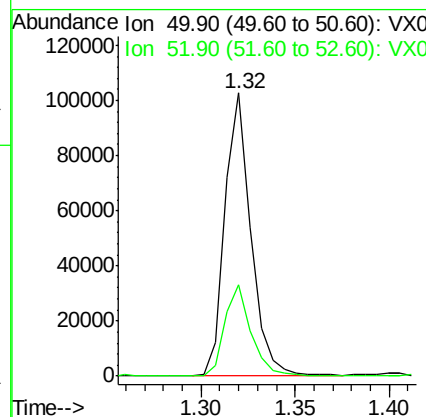
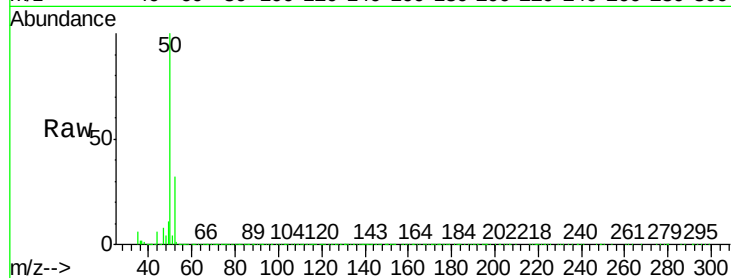
#3
Chloromethane
Concen: 17.544 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	50	Resp	97978
Ion Ratio	100	Lower	Upper
52	31.9	26.2	39.2

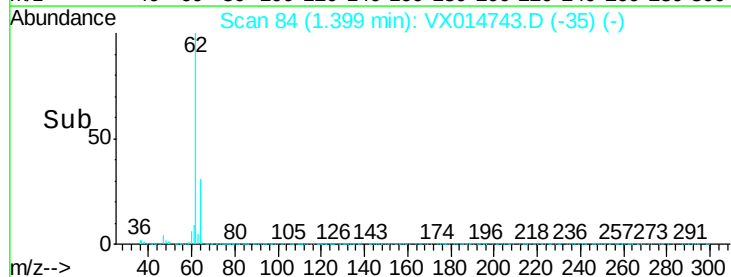
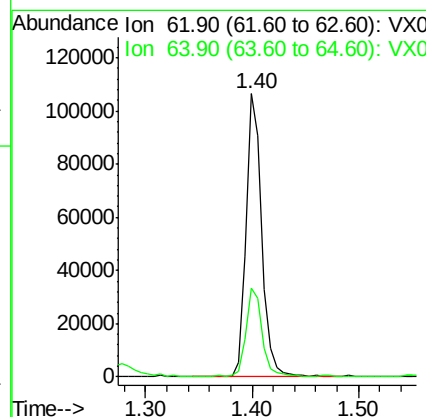
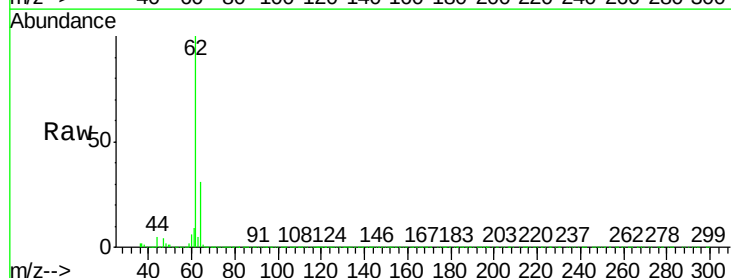
Manual Integrations
APPROVED

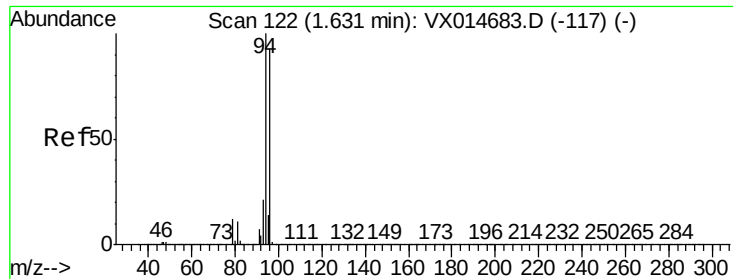
MMDadoda
1/29/2020 10:55:36 AM



#4
Vinyl Chloride
Concen: 18.125 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	62	Resp	109448
Ion Ratio	100	Lower	Upper
64	31.1	25.4	38.2





#5

Bromomethane

Concen: 16.014 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBSD01

Tot Ion: 94 Resp: 65682

Ion Ratio Lower Upper

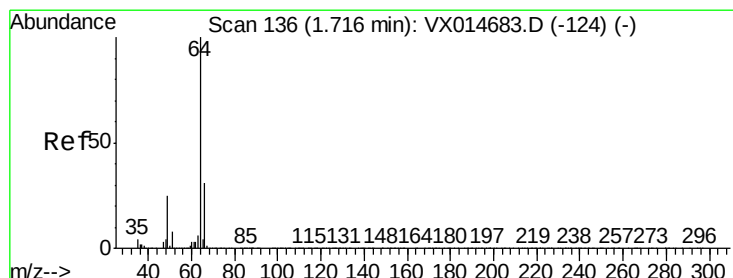
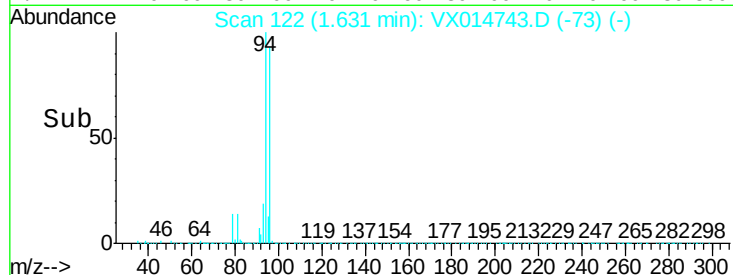
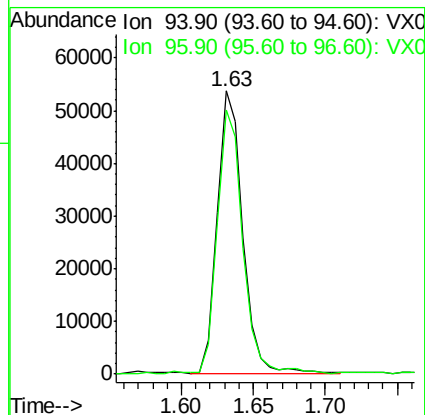
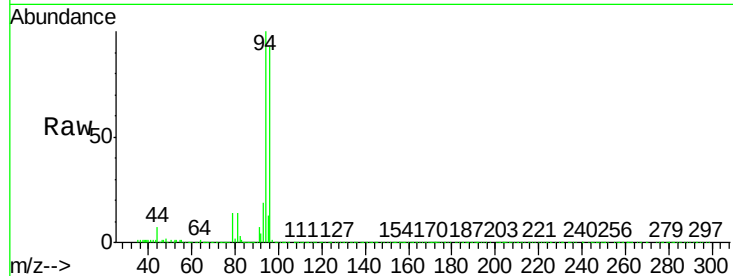
94 100

96 93.0 74.7 112.1

Manual Integrations
APPROVED

MMDadoda

1/29/2020 10:55:36 AM



#6

Chloroethane

Concen: 17.383 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014743.D

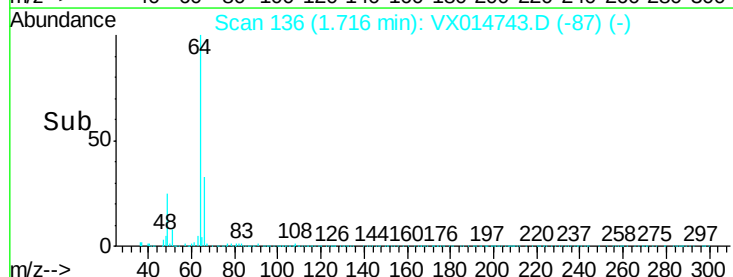
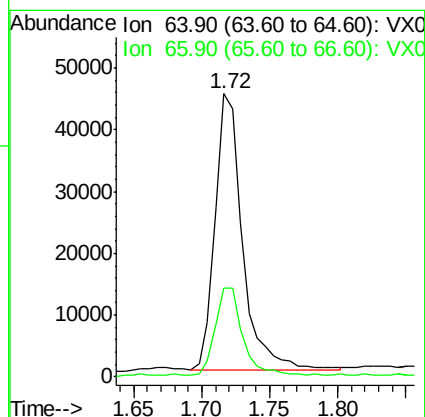
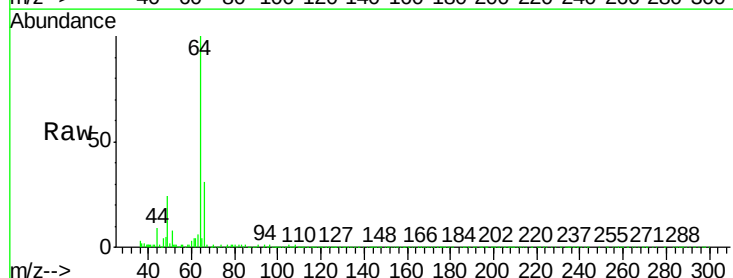
Acq: 28 Jan 2020 11:54

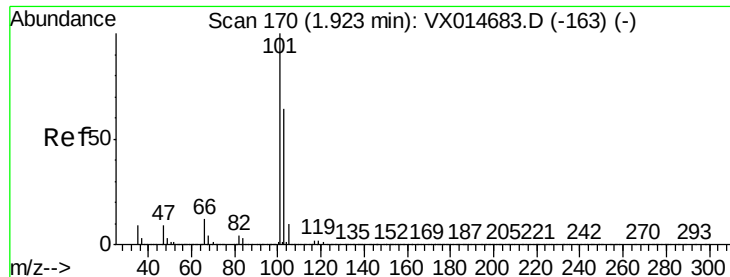
Tgt Ion: 64 Resp: 63172

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8





#7

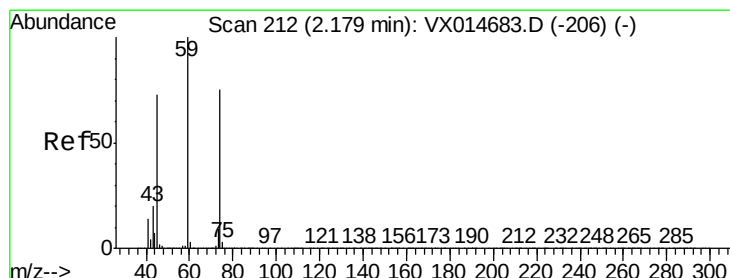
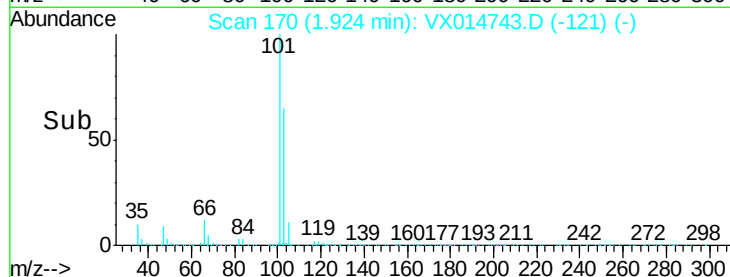
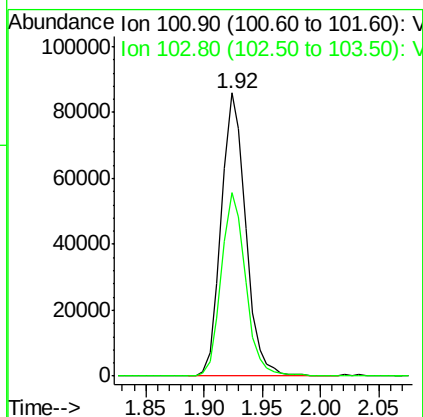
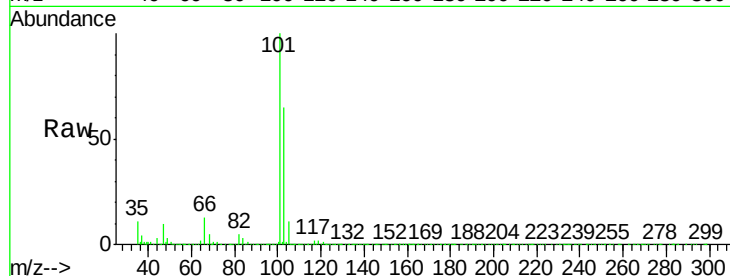
Trichlorofluoromethane
Concen: 17.633 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	123978		
103	64.8	51.0	76.6	

Manual Integrations
APPROVED

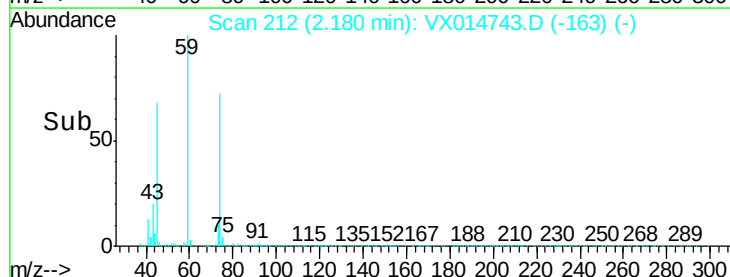
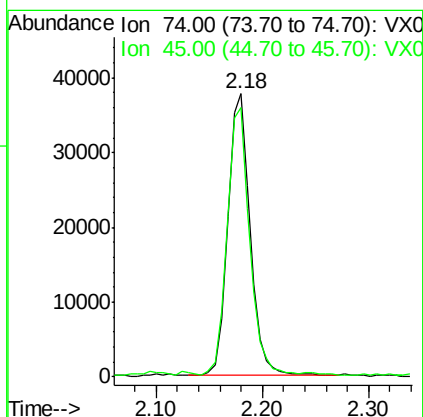
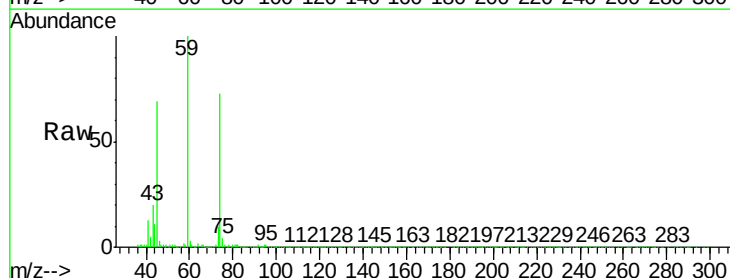
MMDadoda
1/29/2020 10:55:36 AM

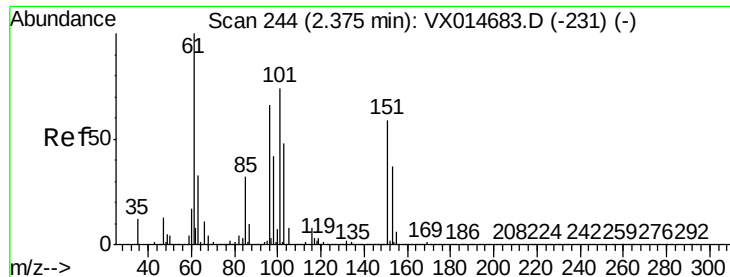


#8

Diethyl Ether
Concen: 17.992 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	55215		
45	96.1	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.242 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

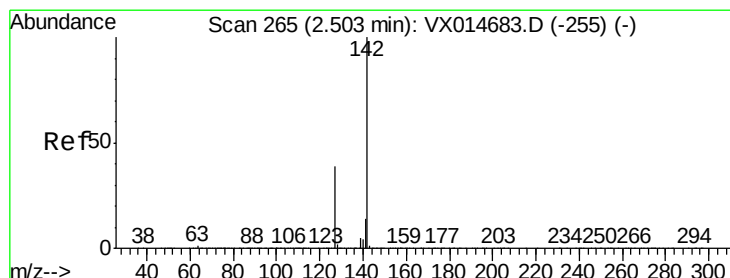
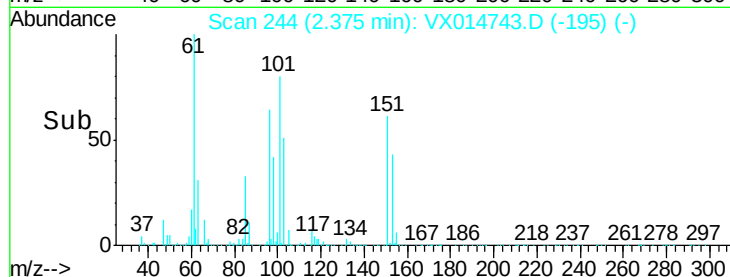
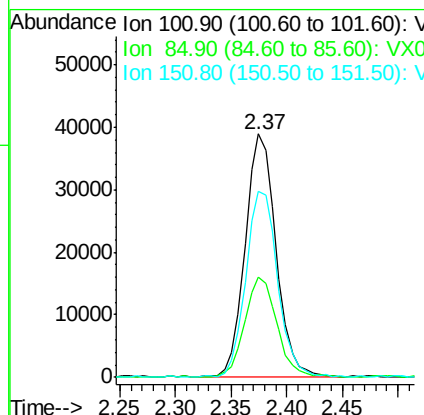
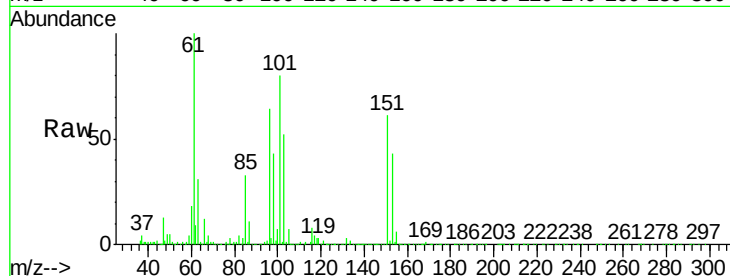
ClientSampleId :

VX0128WBSD01

Tot Ion:	101	Resp:	75294
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.7	52.1
151	79.6	64.7	97.1

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#10

Methyl Iodide

Concen: 17.484 ug/l

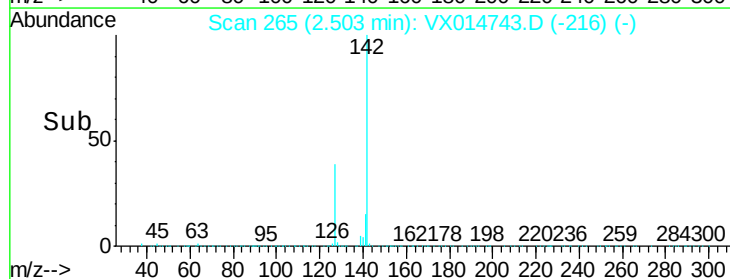
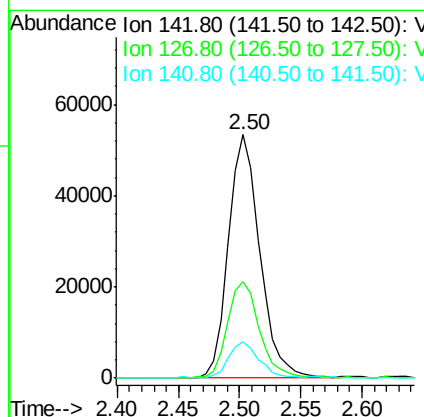
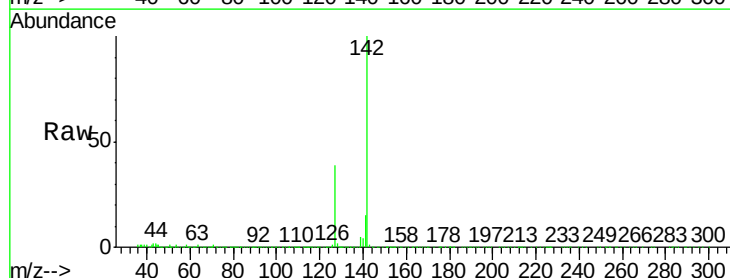
RT: 2.50 min Scan# 265

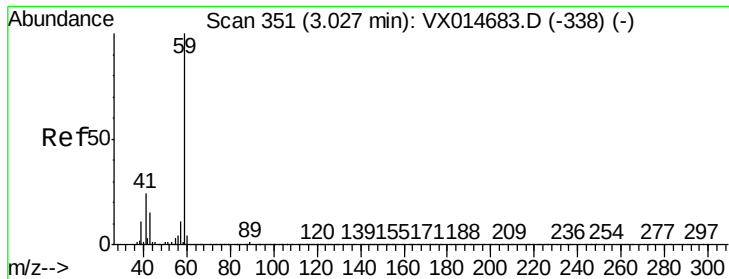
Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	142	Resp:	94695
Ion Ratio	Lower	Upper	
142	100		
127	40.8	31.1	46.7
141	14.1	11.3	16.9





#11

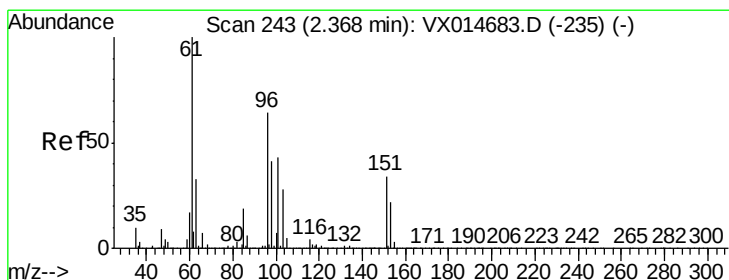
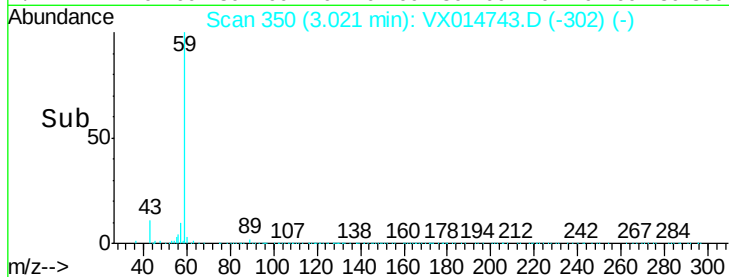
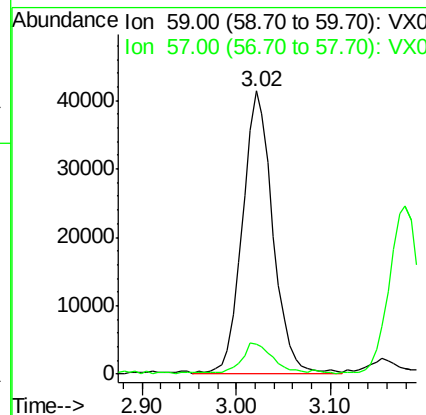
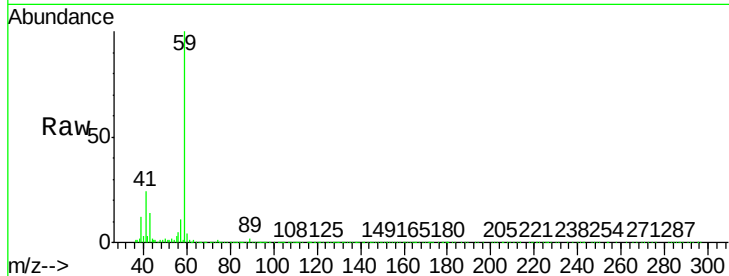
Tert butyl alcohol
Concen: 85.928 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
APPROVED

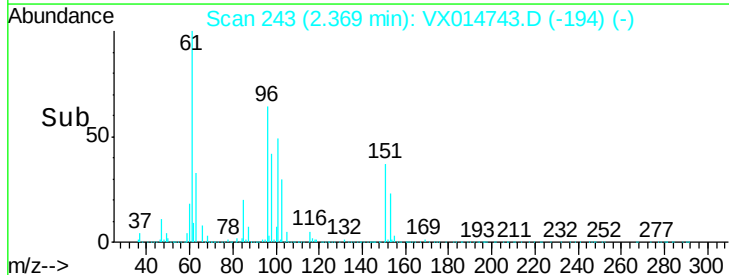
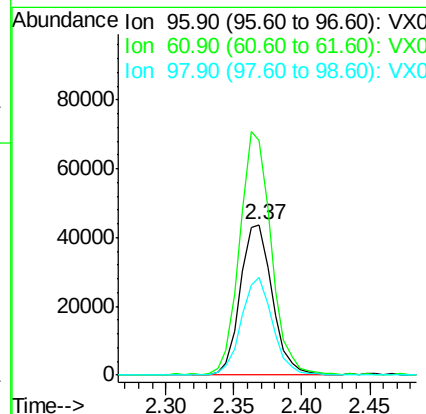
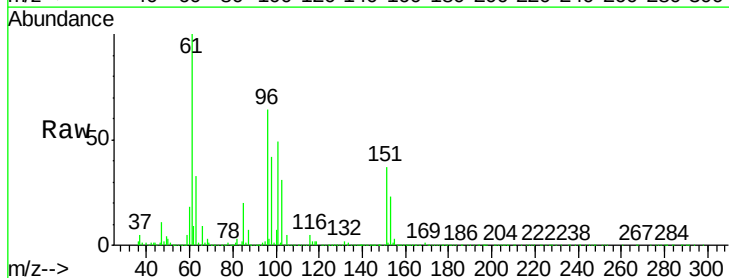
MMDadoda
1/29/2020 10:55:36 AM

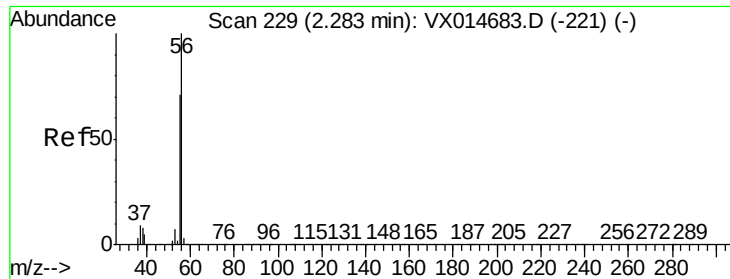


#12

1,1-Dichloroethene
Concen: 17.255 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	125.8	188.8
98	64.3	51.5	77.3





#13

Acrolein

Concen: 67.469 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBSD01

Tot Ion: 56 Resp: 57577

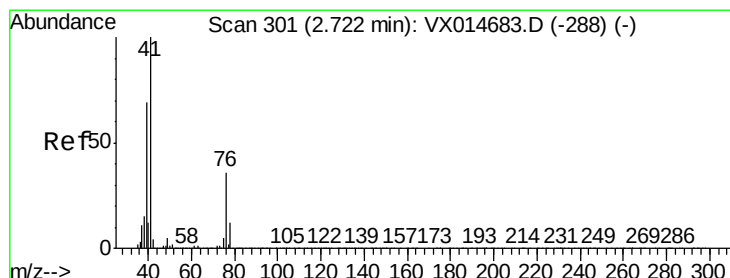
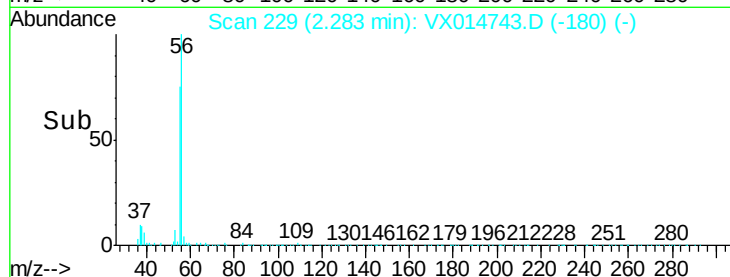
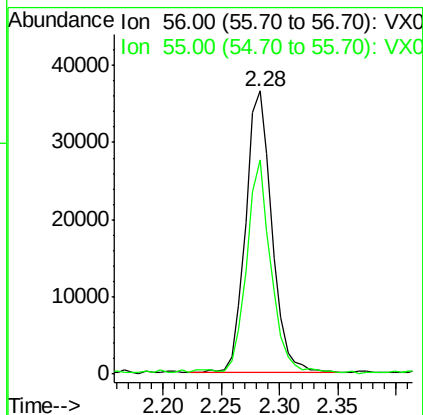
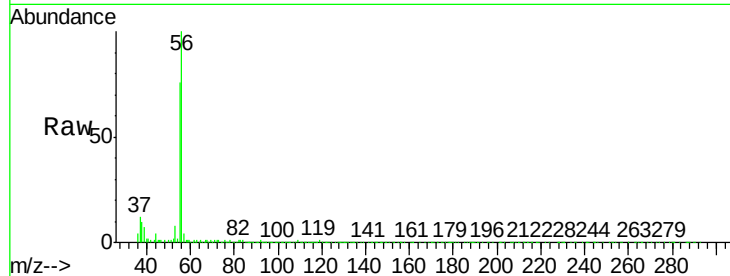
Ion Ratio Lower Upper

56 100

55 72.0 56.6 84.8

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#14

Allyl chloride

Concen: 17.370 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

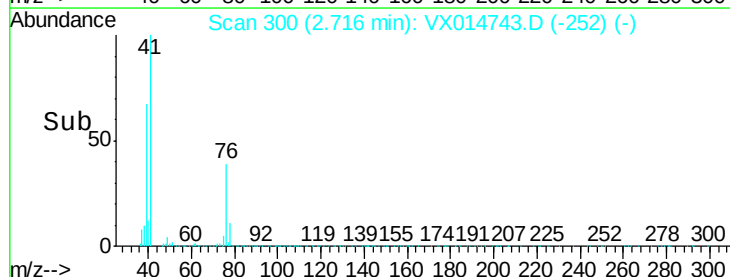
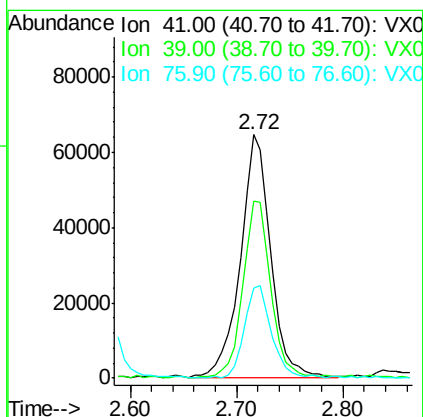
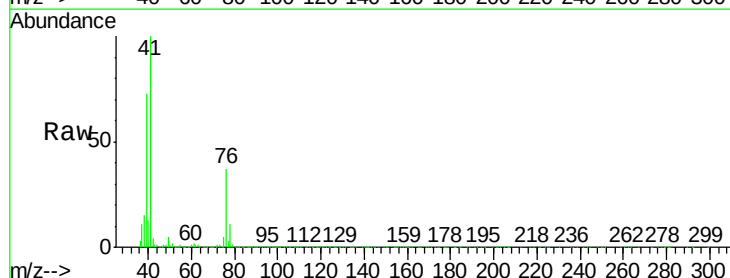
Tgt Ion: 41 Resp: 128125

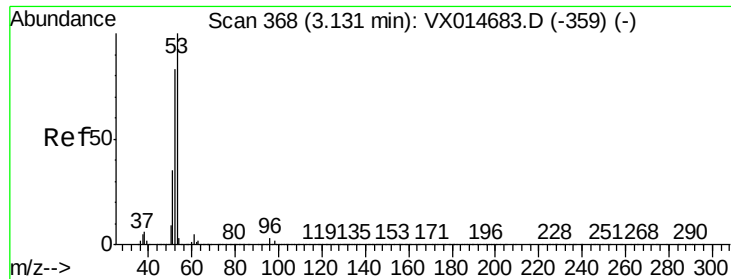
Ion Ratio Lower Upper

41 100

39 67.0 52.0 78.0

76 34.5 26.0 39.0





#15

Acrylonitrile

Concen: 89.247 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

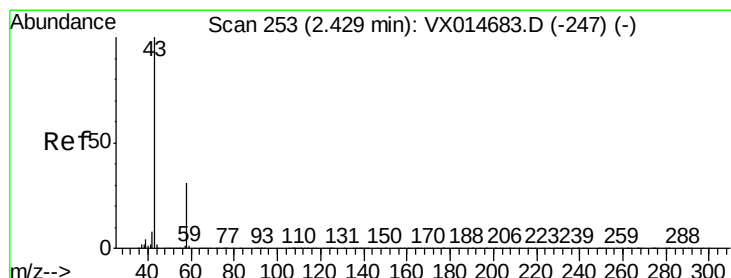
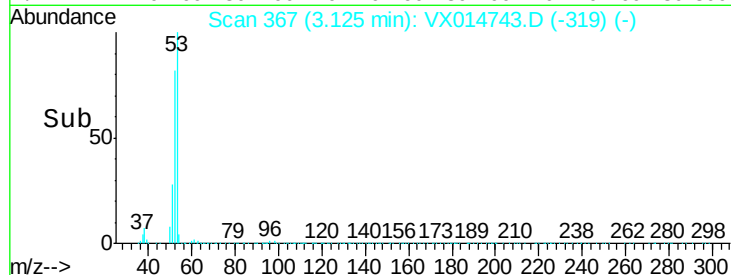
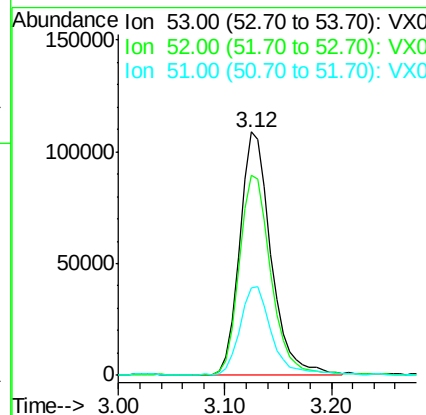
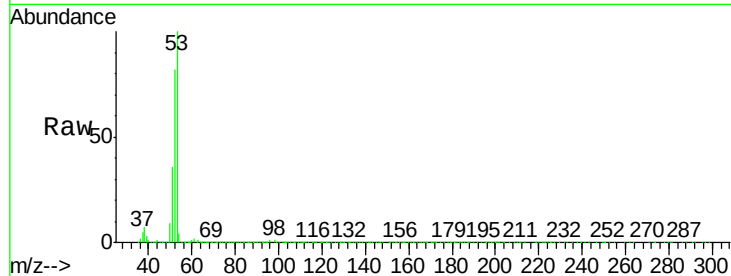
ClientSampleId :

VX0128WBSD01

Tot Ion:	53	Resp:	223495
Ion Ratio	Lower	Upper	
53	100		
52	84.6	66.4	99.6
51	37.1	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#16

Acetone

Concen: 81.655 ug/l

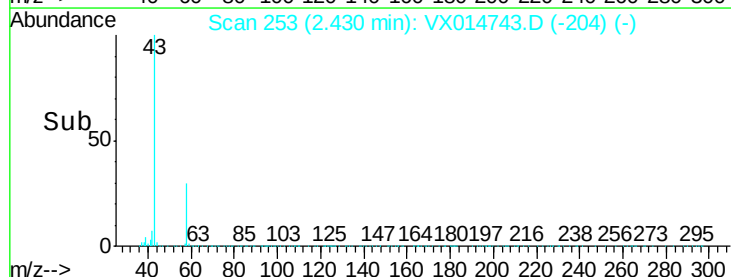
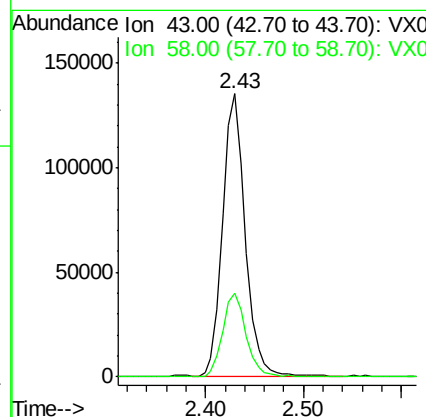
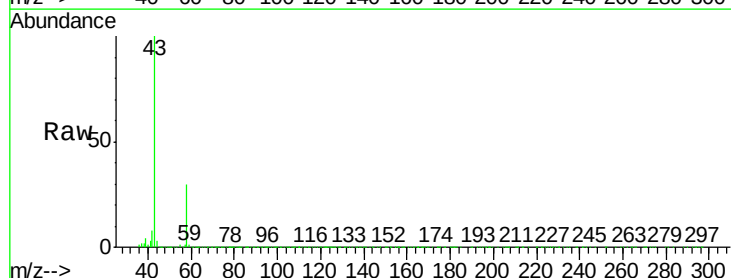
RT: 2.43 min Scan# 253

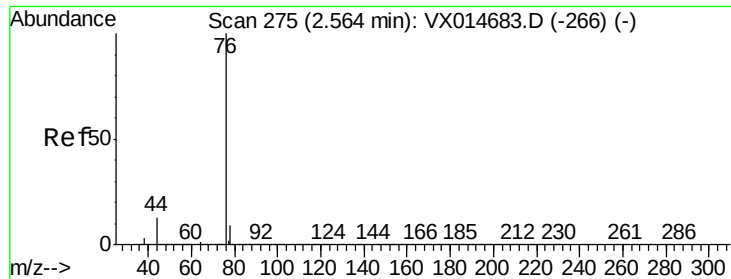
Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	43	Resp:	215475
Ion Ratio	Lower	Upper	
43	100		
58	29.6	24.5	36.7





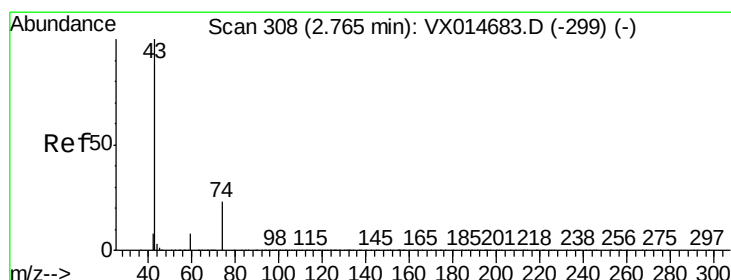
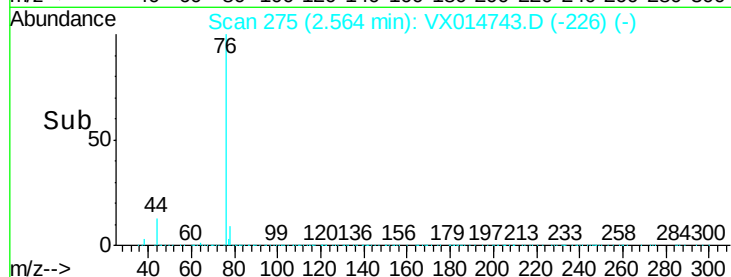
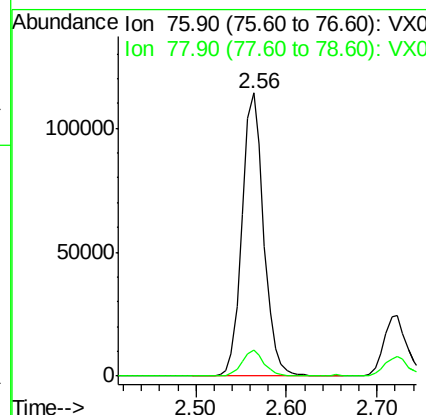
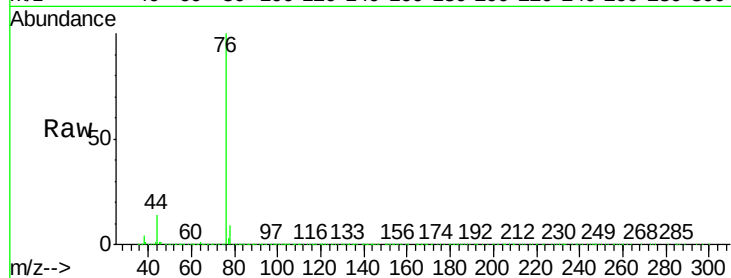
#17
Carbon Disulfide
Concen: 16.929 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

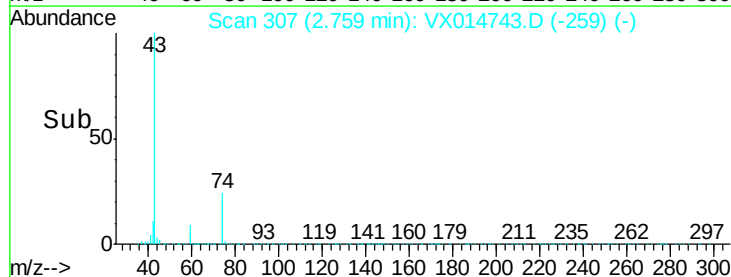
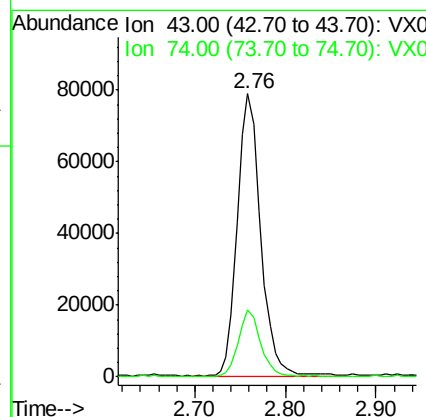
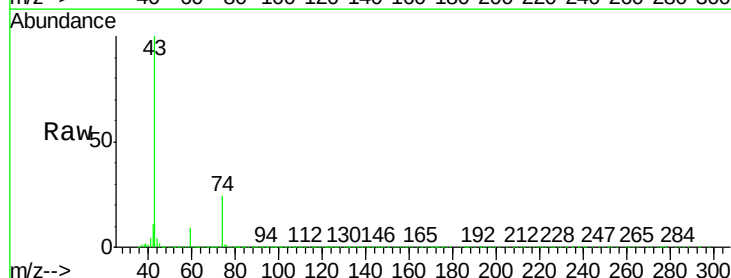
Manual Integrations
APPROVED

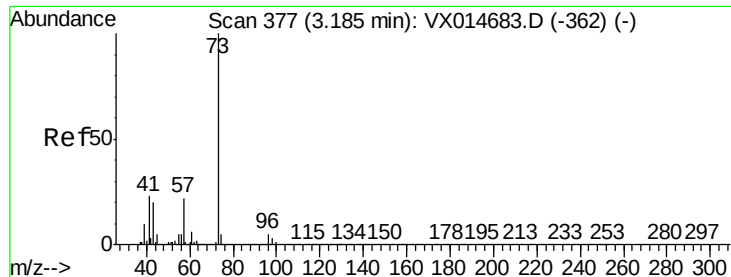
MMDadoda
1/29/2020 10:55:36 AM



#18
Methyl Acetate
Concen: 18.717 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	18.5	27.7





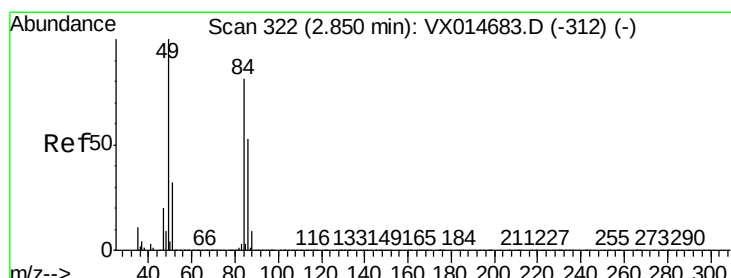
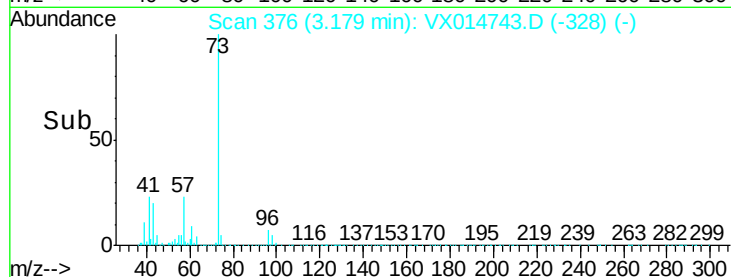
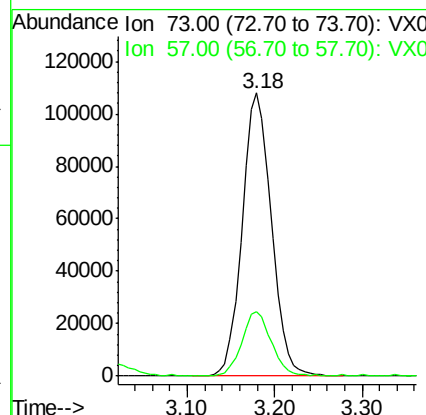
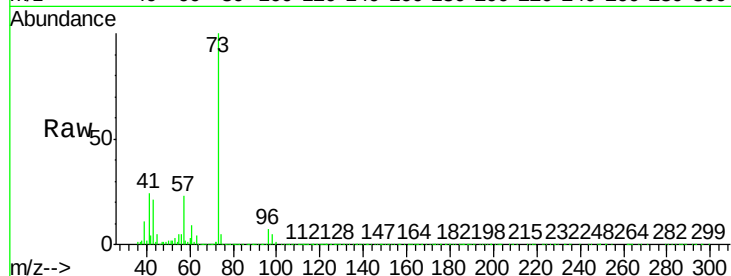
#19
Methyl tert-butyl Ether
Concen: 18.619 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

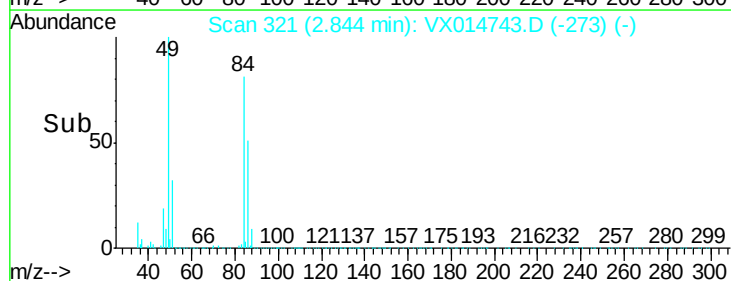
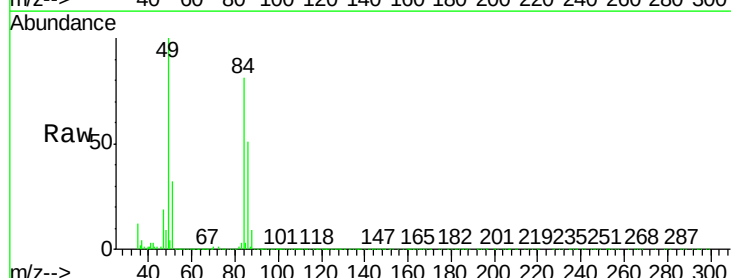
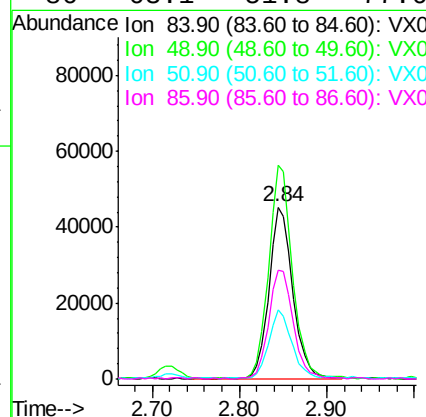
Manual Integrations
APPROVED

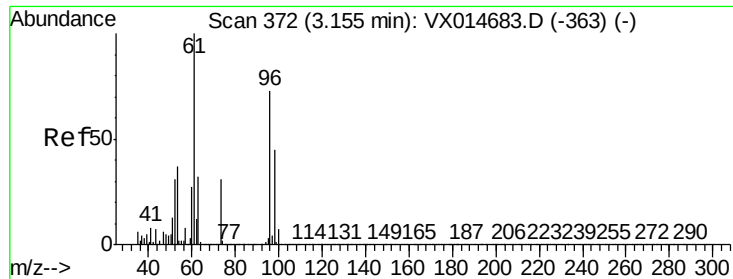
MMDadoda
1/29/2020 10:55:36 AM



#20
Methylene Chloride
Concen: 17.675 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	98.2	147.4
51	39.4	31.3	46.9
86	63.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.160 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

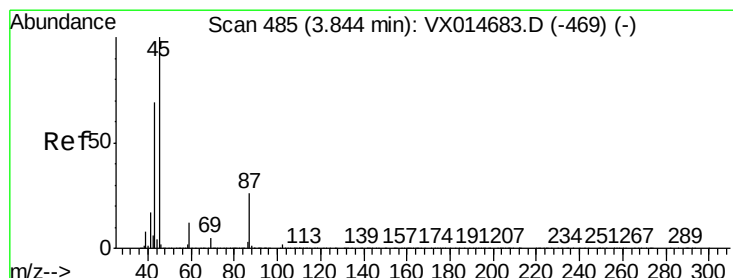
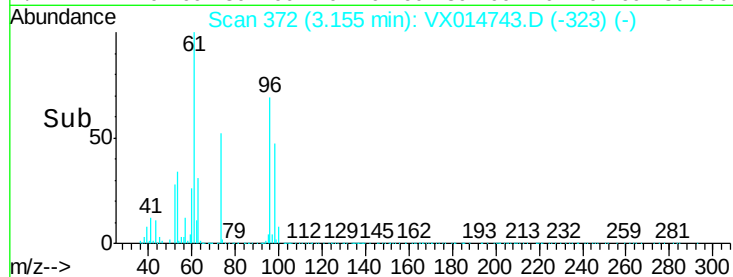
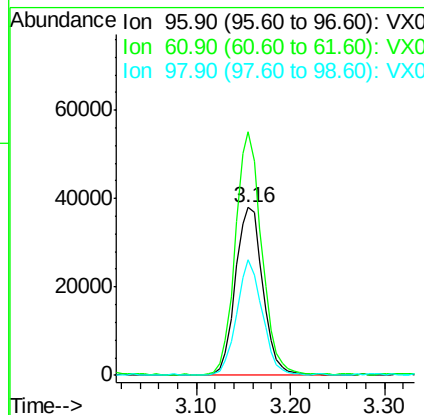
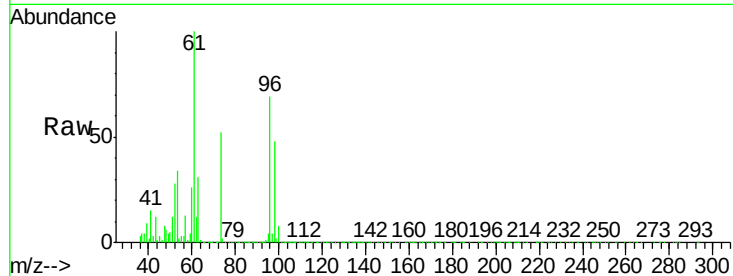
ClientSampled :

VX0128WBSD01

Tot Ion:	96	Resp:	77537
Ion	Ratio	Lower	Upper
96	100		
61	144.8	109.8	164.6
98	68.8	49.6	74.4

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#22

Diisopropyl ether

Concen: 18.583 ug/l

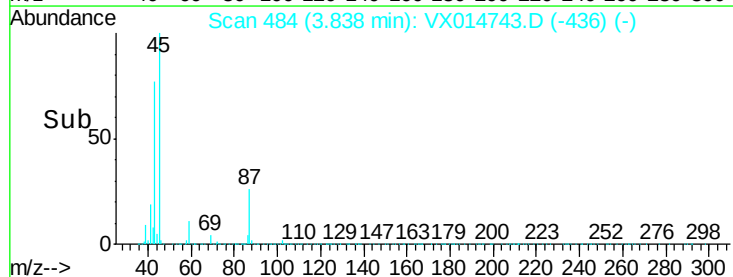
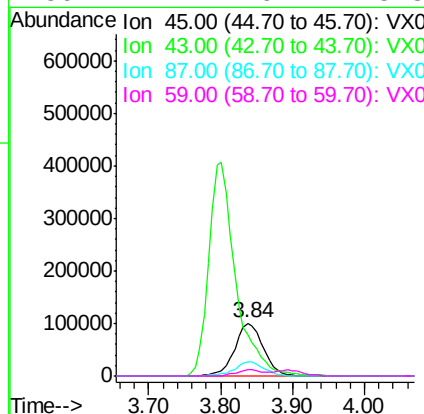
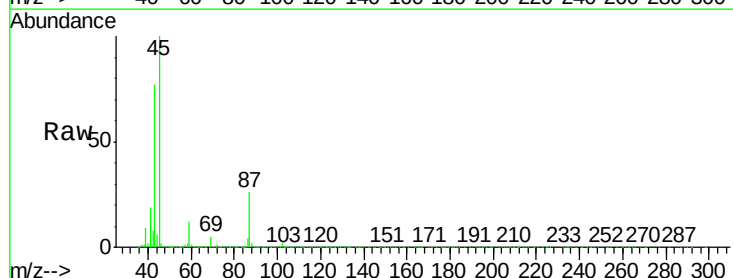
RT: 3.84 min Scan# 484

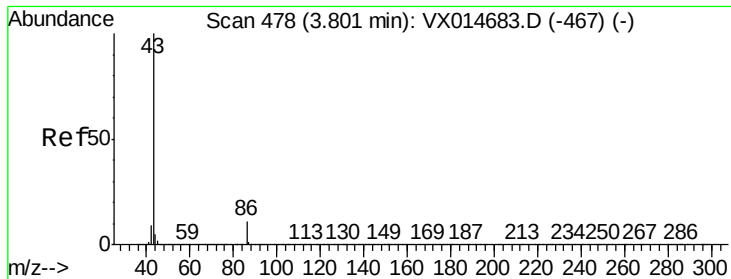
Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	45	Resp:	272712
Ion	Ratio	Lower	Upper
45	100		
43	76.3	55.1	82.7
87	26.0	20.7	31.1
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 94.651 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tot Ion: 43 Resp: 1058871

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6

Instrument :

MSVOA_X

ClientSampleId :

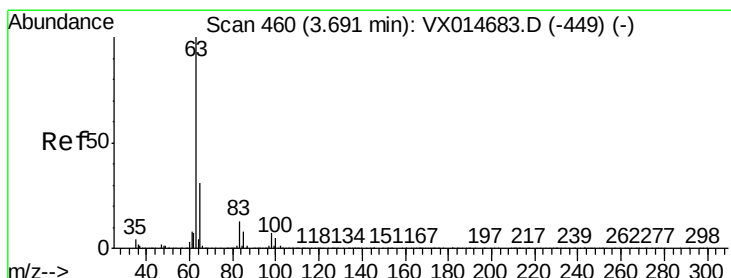
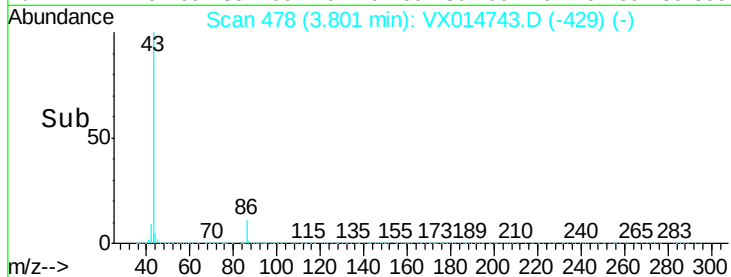
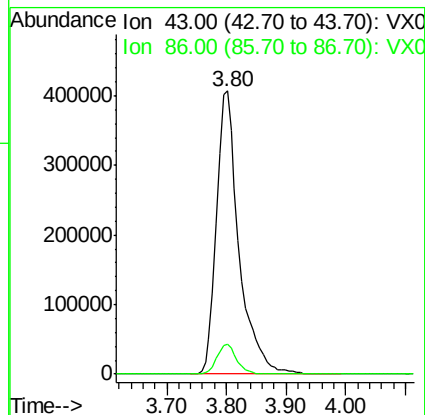
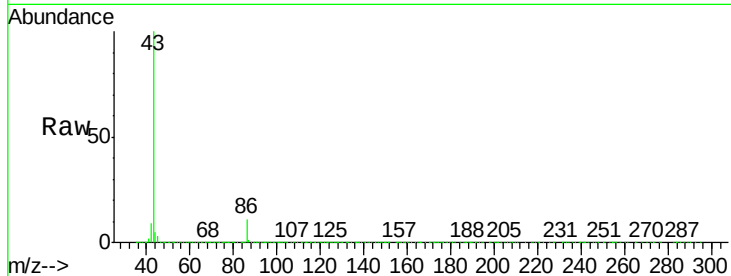
VX0128WBSD01

Manual Integrations

APPROVED

MMDadoda

1/29/2020 10:55:36 AM



#24

1,1-Dichloroethane

Concen: 18.211 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

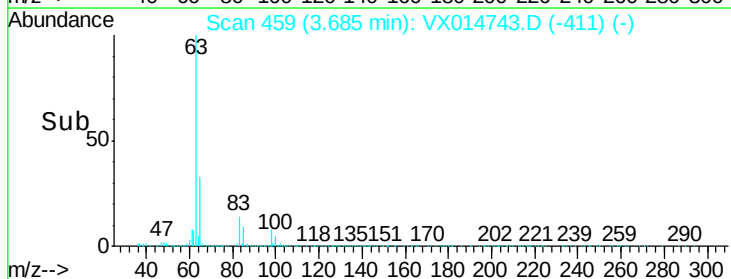
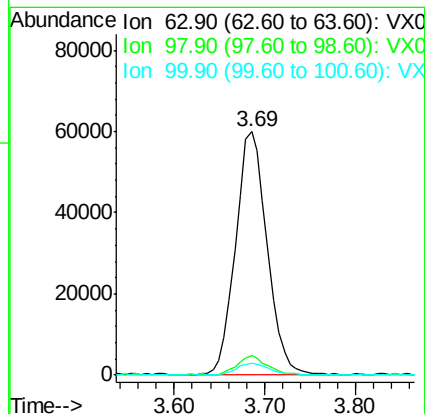
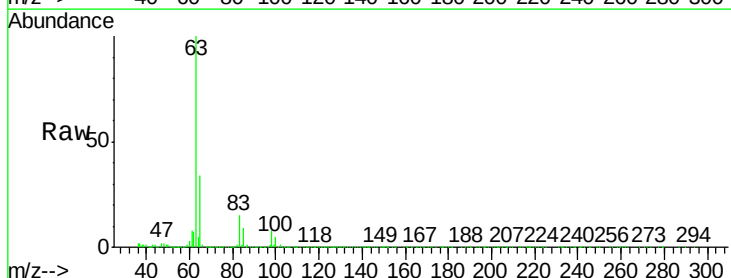
Tgt Ion: 63 Resp: 145139

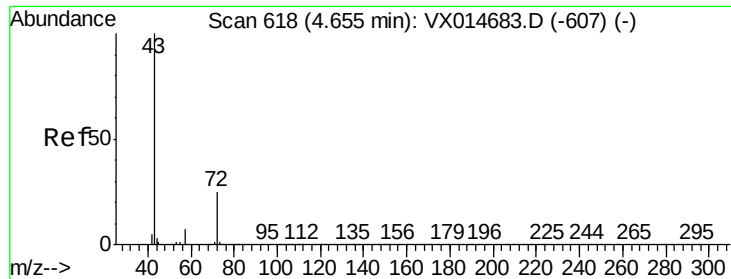
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 84.633 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBSD01

Tot Ion: 43 Resp: 320376

Ion Ratio Lower Upper

43 100

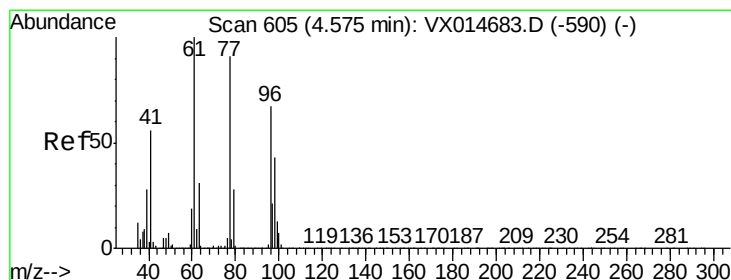
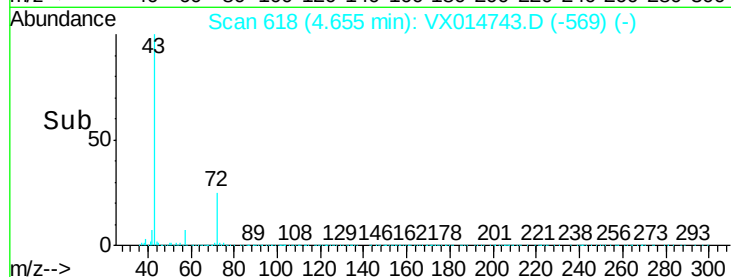
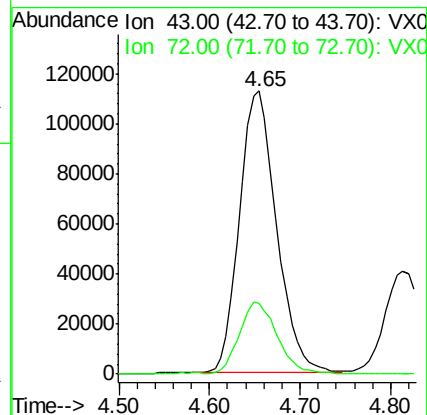
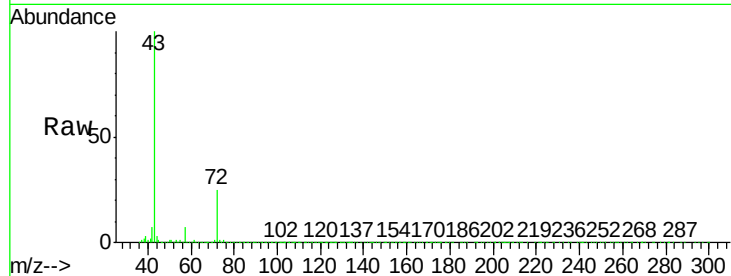
72 25.1 19.9 29.9

Manual Integrations

APPROVED

MMDadoda

1/29/2020 10:55:36 AM



#26

2,2-Dichloropropane

Concen: 17.911 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014743.D

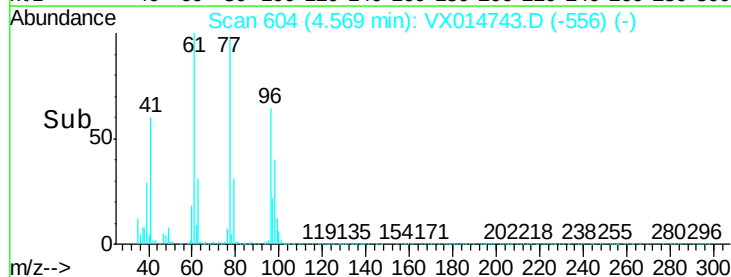
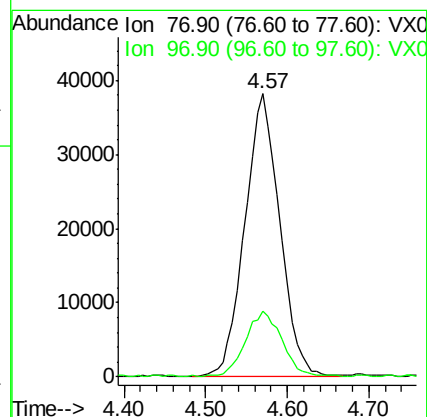
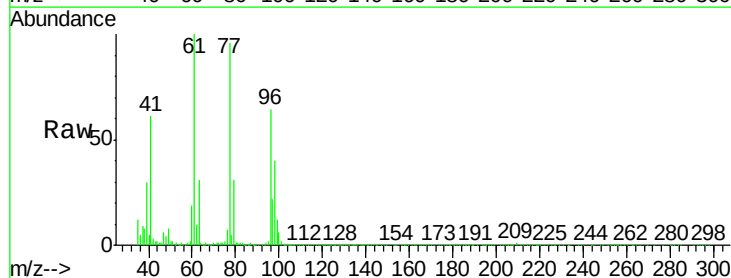
Acq: 28 Jan 2020 11:54

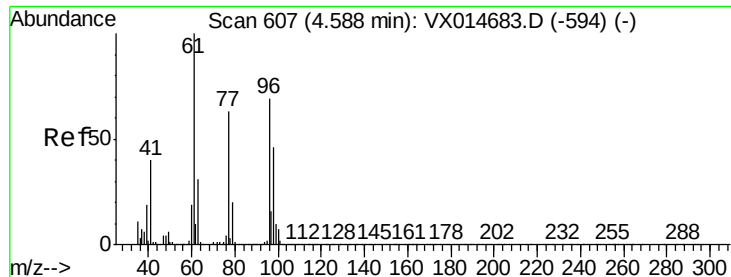
Tgt Ion: 77 Resp: 114258

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

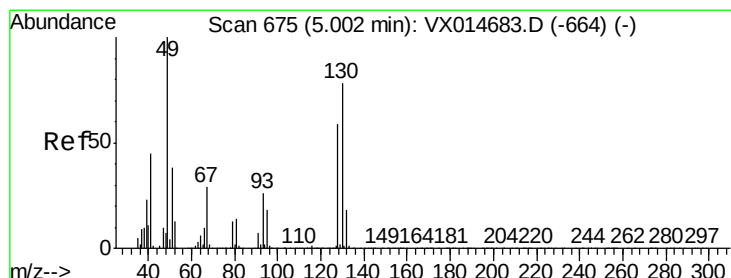
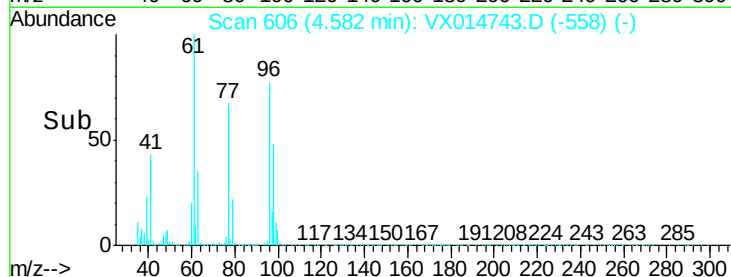
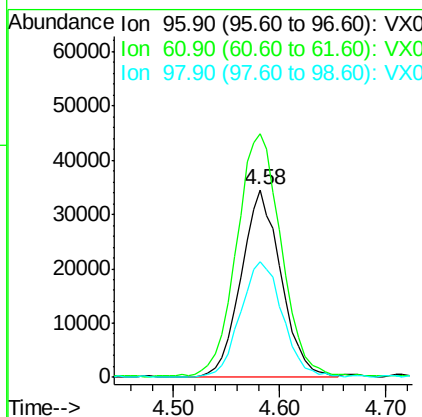
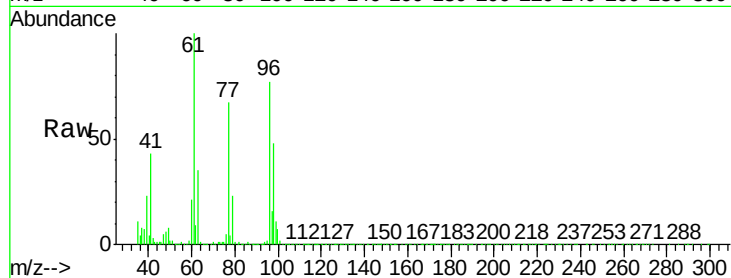
cis-1,2-Dichloroethene
Concen: 17.896 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	291.0
98	65.7	0.0	129.8

Manual Integrations
APPROVED

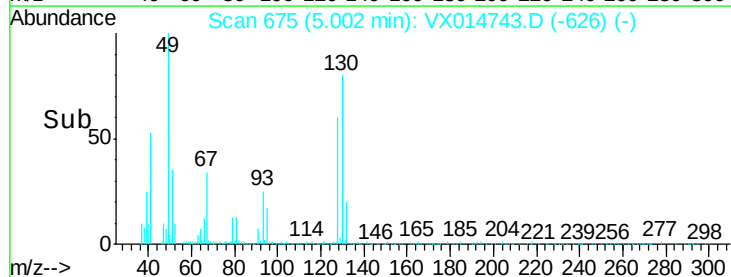
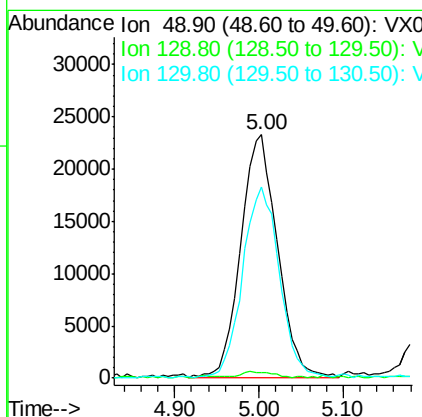
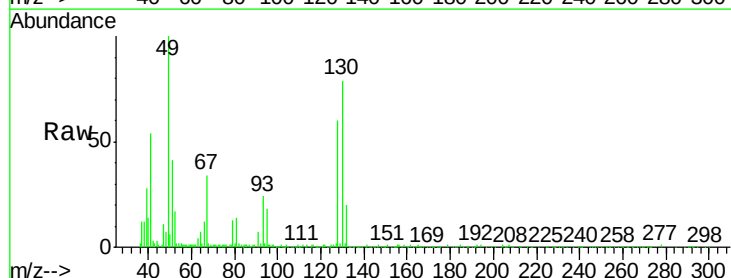
MMDadoda
1/29/2020 10:55:36 AM

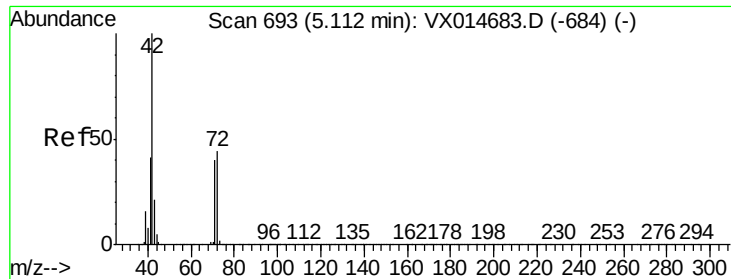


#28

Bromochloromethane
Concen: 19.752 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	77.4	62.4	93.6





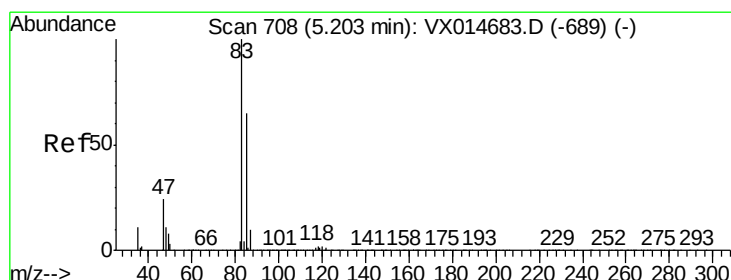
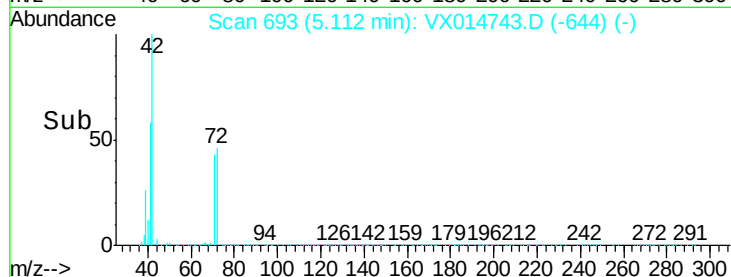
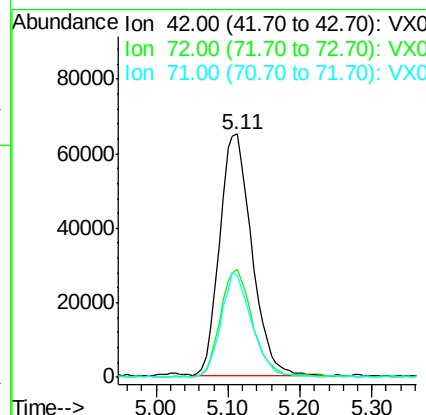
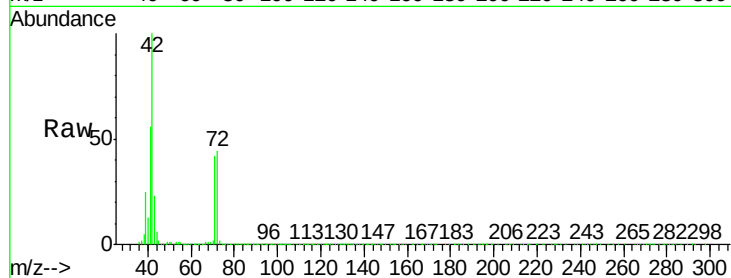
#29
Tetrahydrofuran
Concen: 89.582 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.3	52.9
71	40.8	33.1	49.7

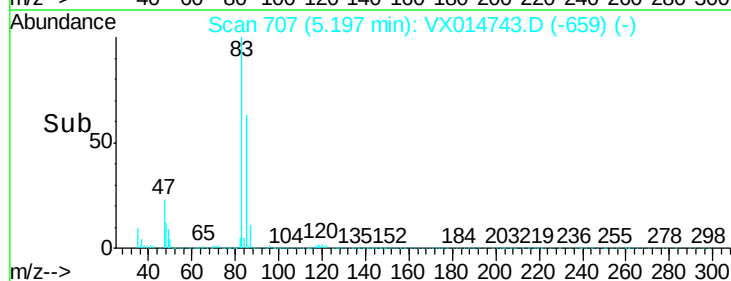
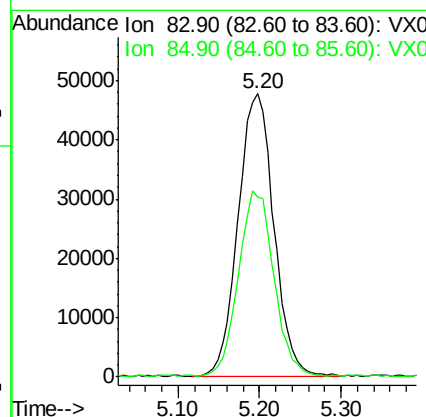
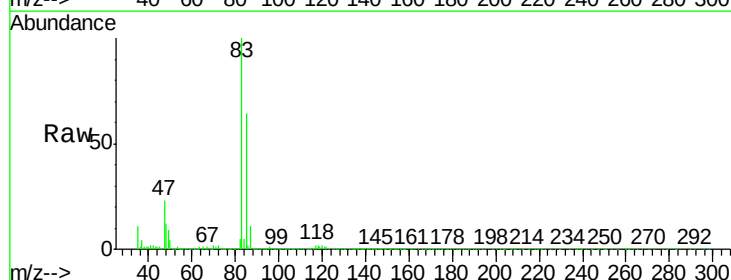
Manual Integrations
APPROVED

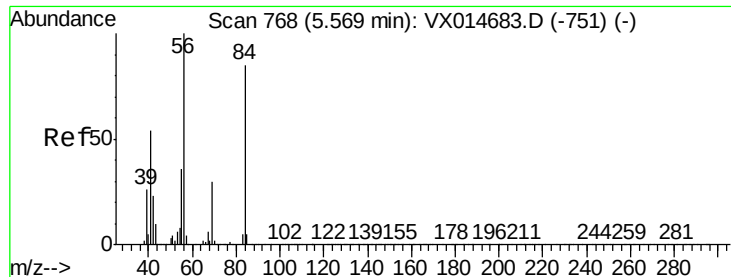
MMDadoda
1/29/2020 10:55:36 AM



#30
Chloroform
Concen: 18.384 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.7	77.5





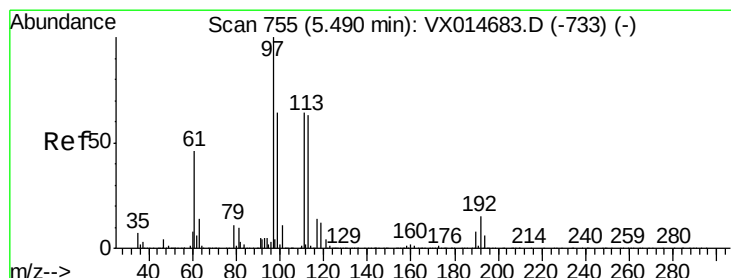
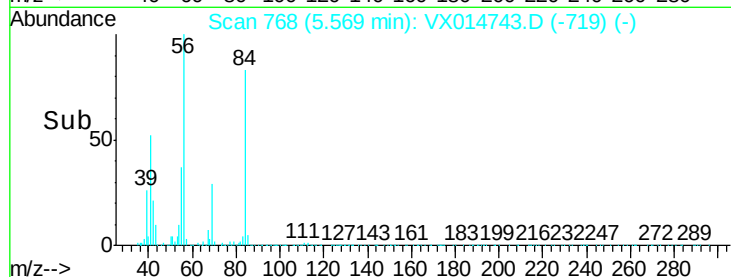
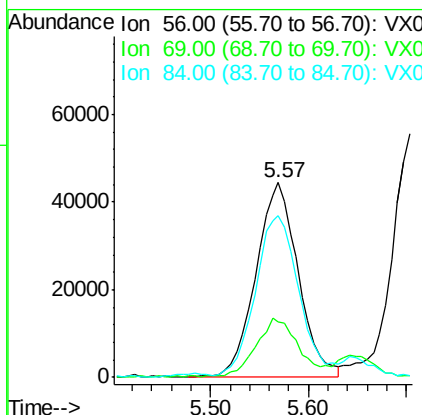
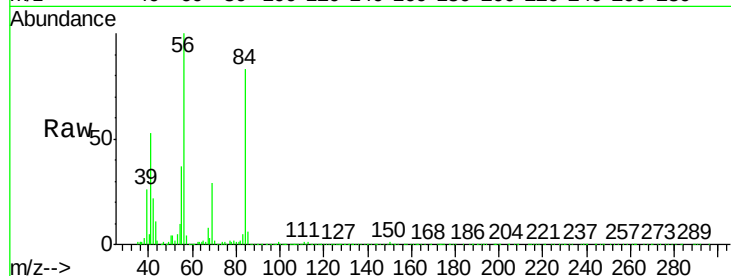
#31
Cyclohexane
Concen: 17.574 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.4	35.2
84	81.8	68.4	102.6

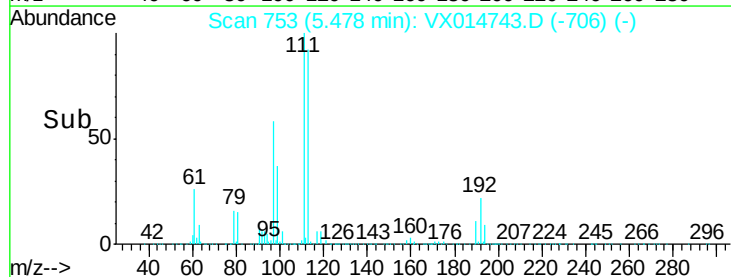
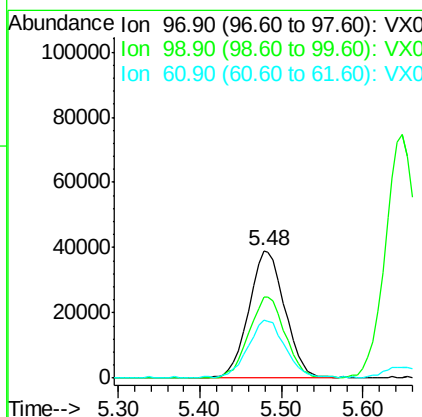
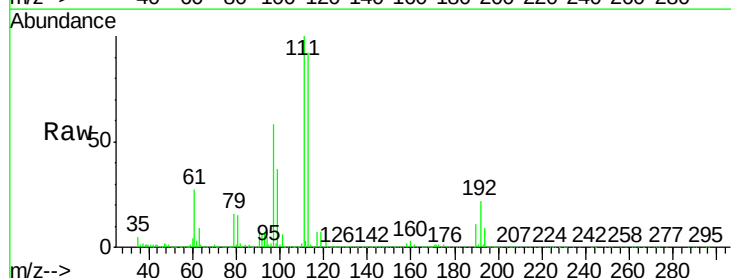
Manual Integrations
APPROVED

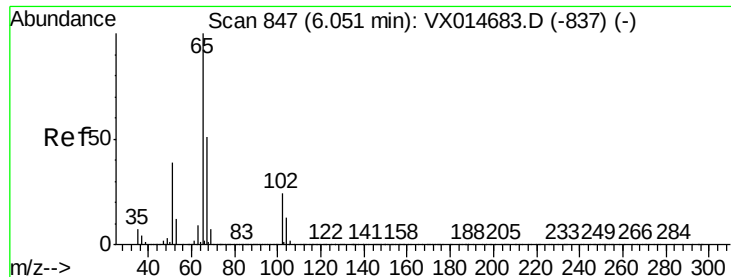
MMDadoda
1/29/2020 10:55:36 AM



#32
1,1,1-Trichloroethane
Concen: 17.878 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.3	78.5
61	46.6	37.2	55.8





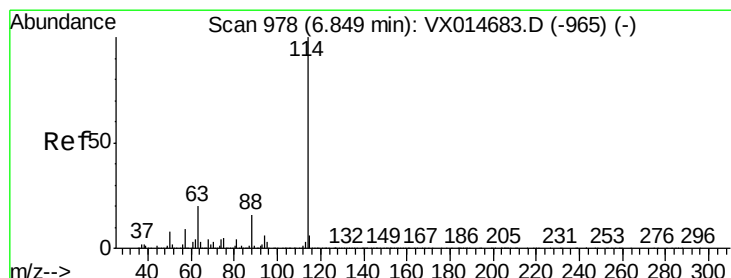
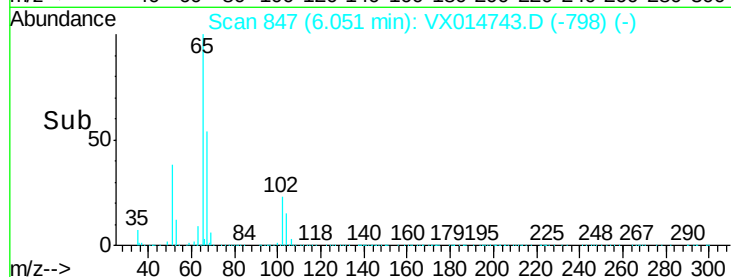
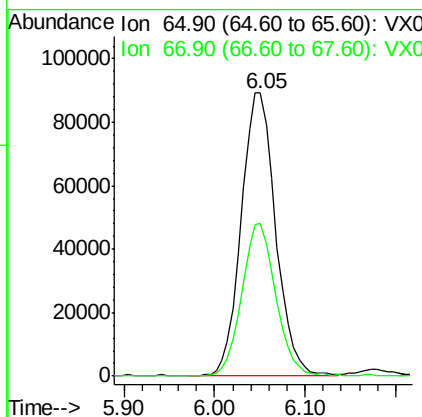
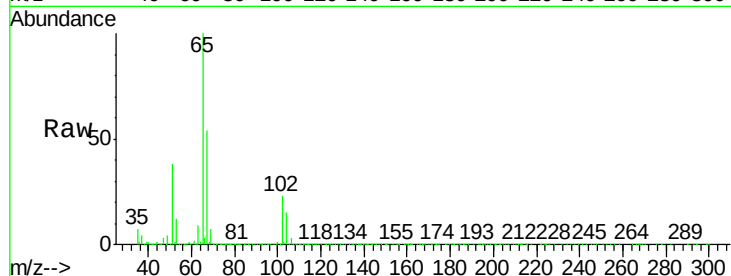
#33
 1,2-Dichloroethane-d4
 Concen: 48.395 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233303		
67	52.9	0.0	107.4	

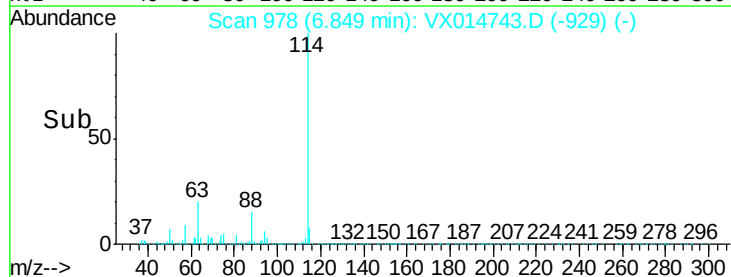
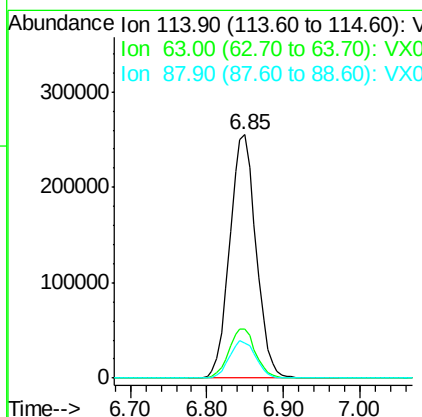
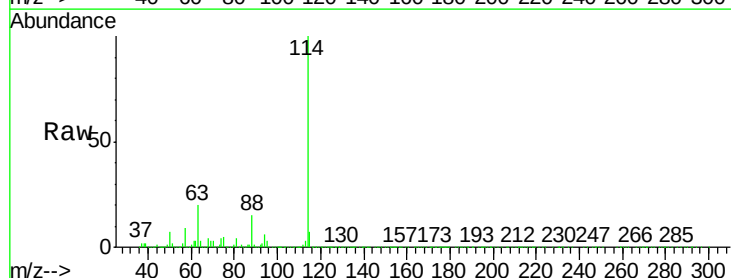
Manual Integrations
 APPROVED

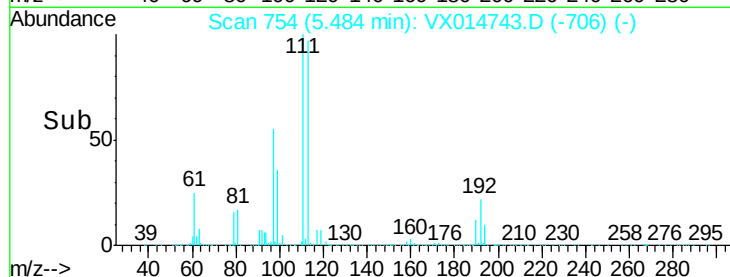
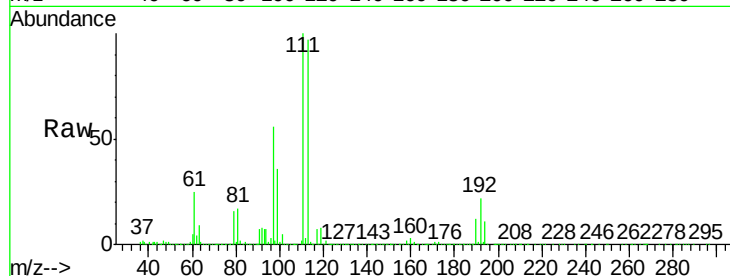
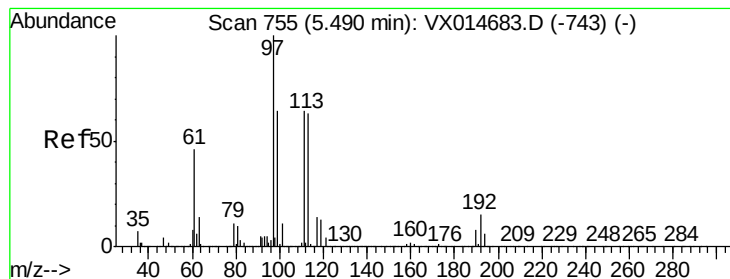
MMDadoda
 1/29/2020 10:55:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	606273		
63	20.0	0.0	40.6	
88	14.6	0.0	31.2	





#35

Dibromofluoromethane

Concen: 48.924 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tot Ion:	113	Resp:	187159
Ion Ratio	Lower	Upper	
113	100		
111	104.8	80.7	121.1
192	23.6	18.5	27.7

Instrument :

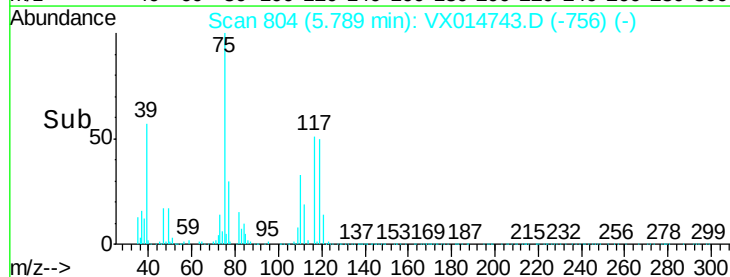
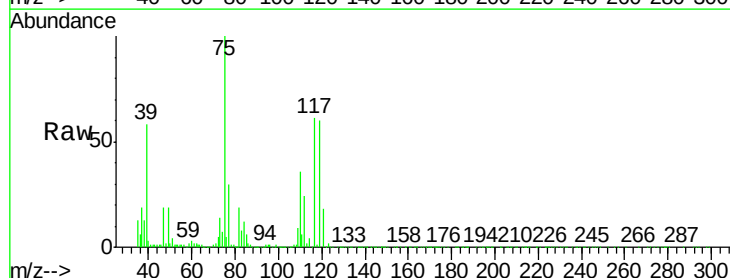
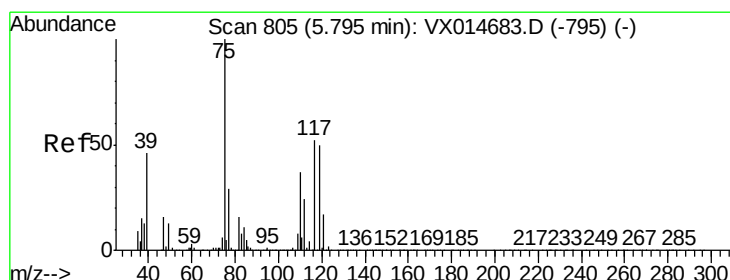
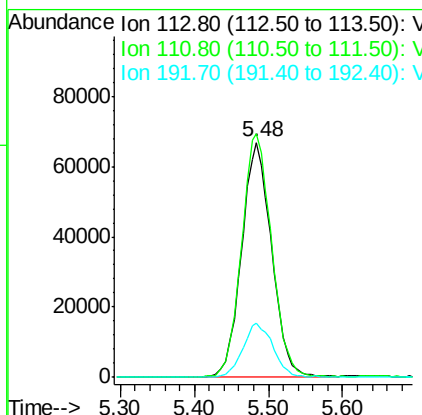
MSVOA_X

ClientSampleId :

VX0128WBSD01

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#36

1,1-Dichloropropene

Concen: 19.050 ug/l

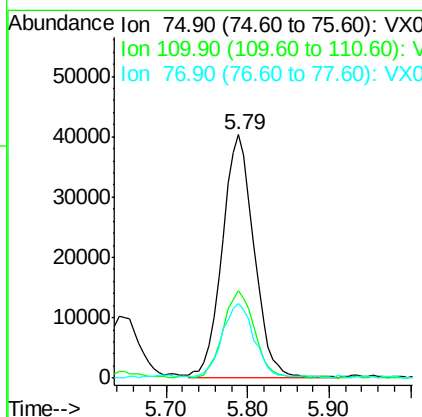
RT: 5.79 min Scan# 804

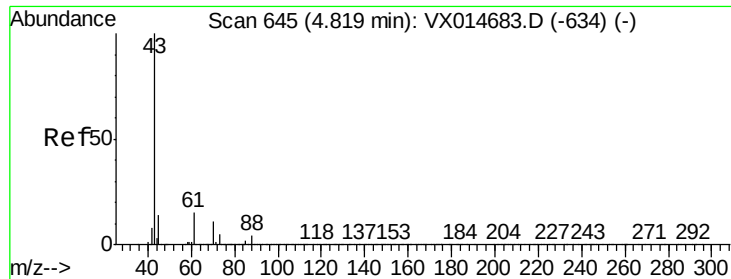
Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	75	Resp:	107319
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.9	53.7
77	30.6	24.1	36.1





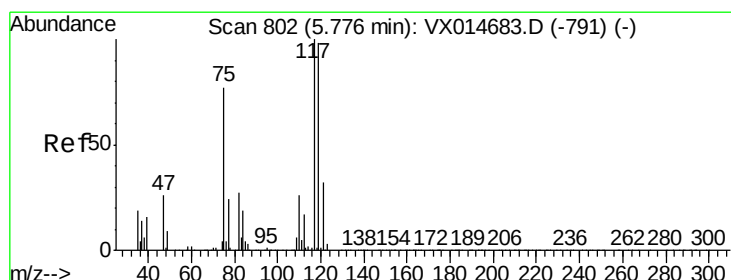
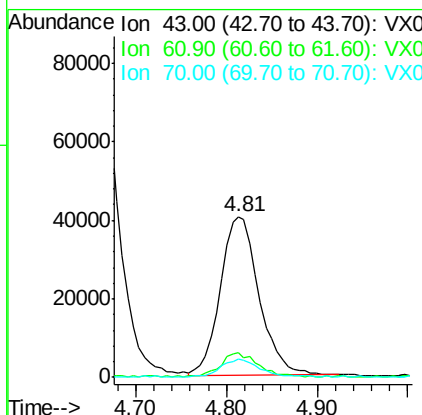
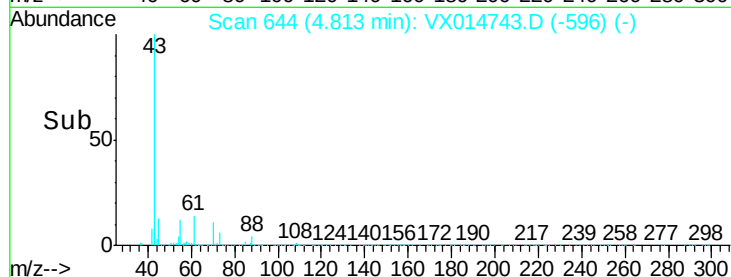
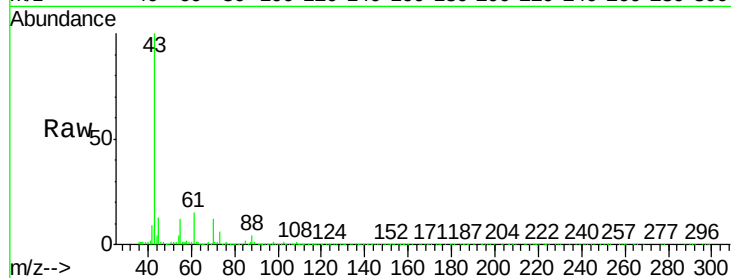
#37
Ethyl Acetate
Concen: 18.636 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	10.8	8.5	12.7

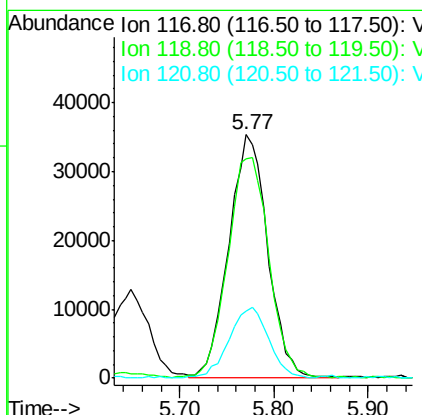
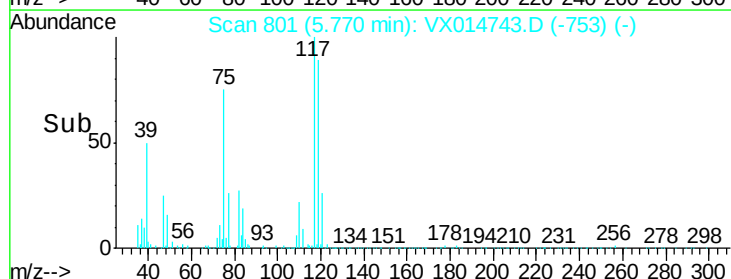
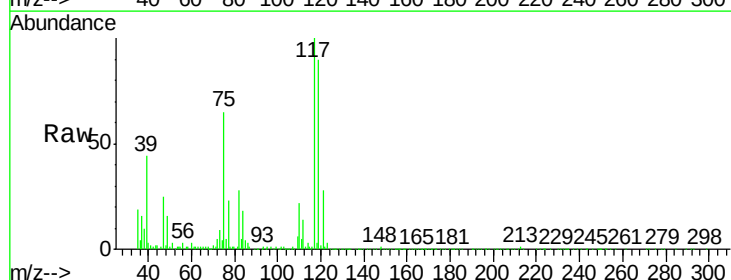
Manual Integrations
APPROVED

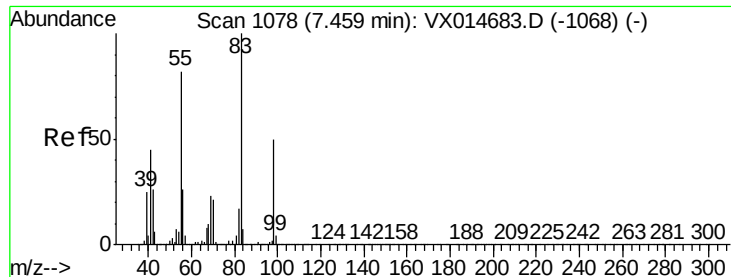
MMDadoda
1/29/2020 10:55:36 AM



#38
Carbon Tetrachloride
Concen: 18.727 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	77.9	116.9
121	27.3	25.4	38.2





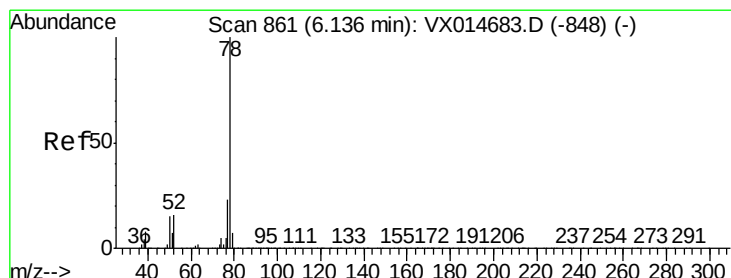
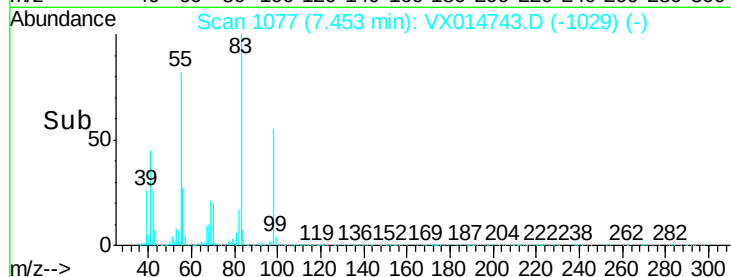
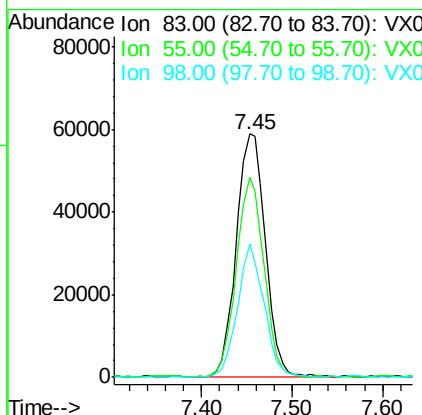
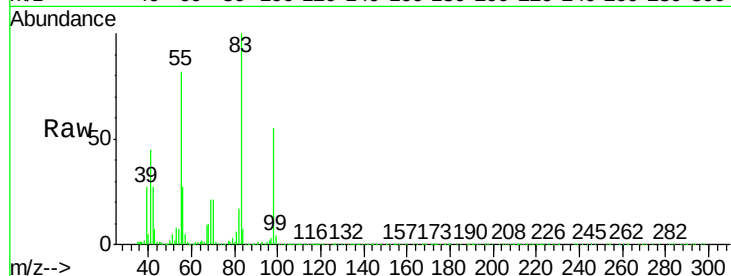
#39
Methylvlcyclohexane
Concen: 18.485 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.1	65.6	98.4	
98	54.8	40.2	60.4	

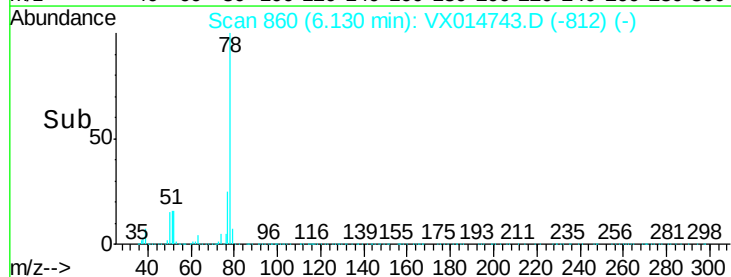
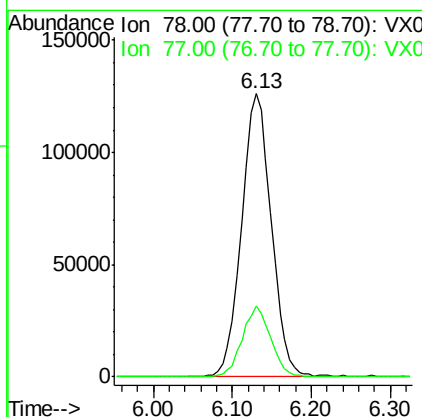
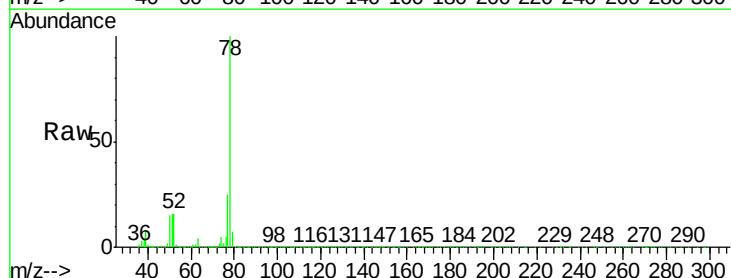
Manual Integrations
APPROVED

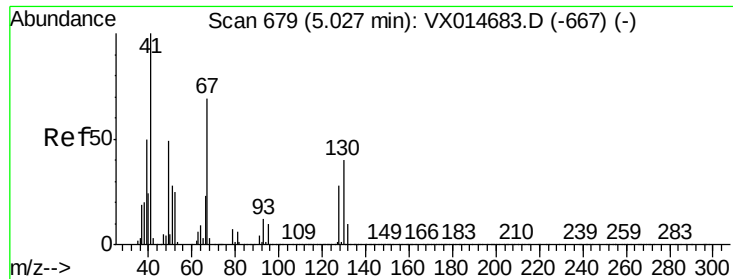
MMDadoda
1/29/2020 10:55:36 AM



#40
Benzene
Concen: 18.894 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.9	18.7	28.1	





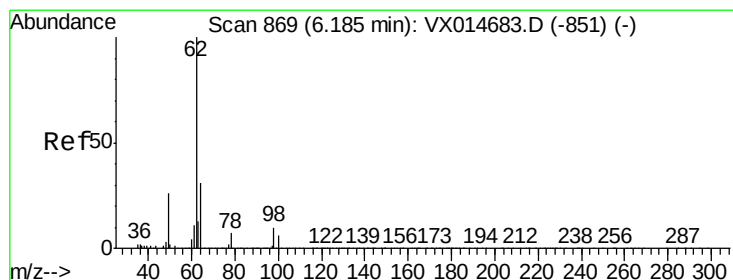
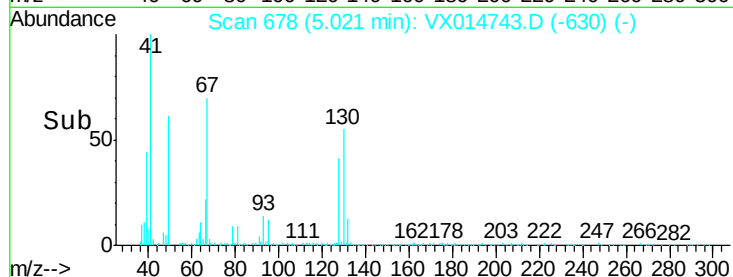
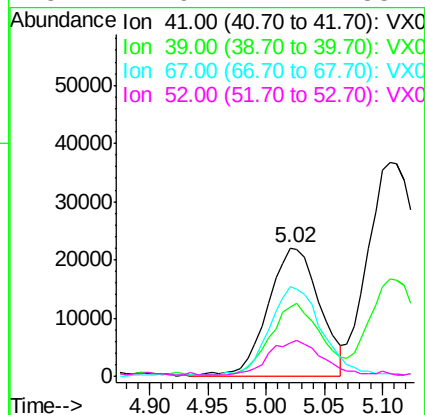
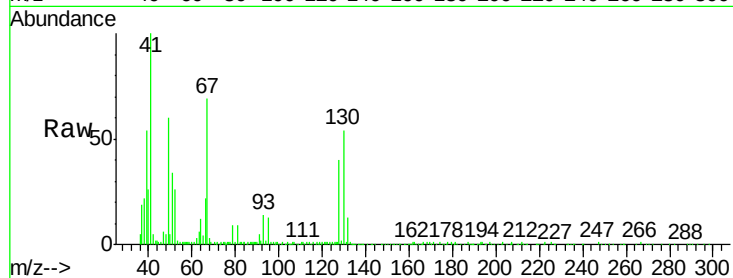
#41
Methacrylonitrile
Concen: 18.357 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	42.2	63.2	
67	69.3	55.4	83.0	
52	27.9	22.1	33.1	

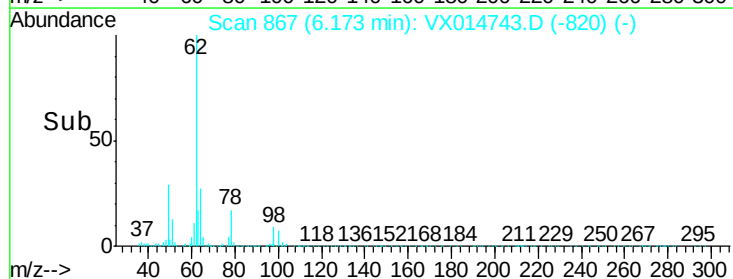
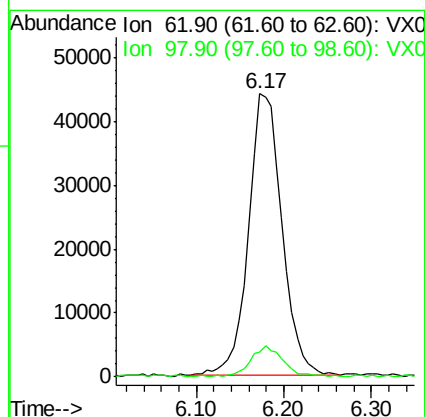
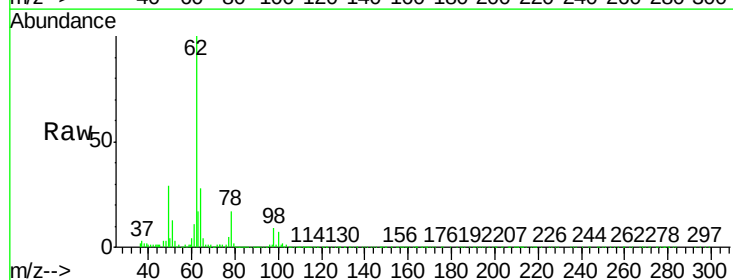
Manual Integrations
APPROVED

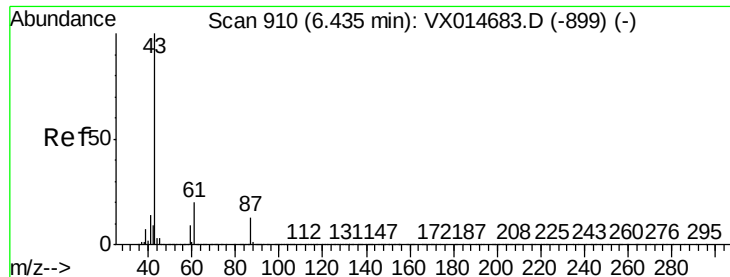
MMDadoda
1/29/2020 10:55:36 AM



#42
1,2-Dichloroethane
Concen: 19.513 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.0	





#43

Isopropyl Acetate

Concen: 18.369 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

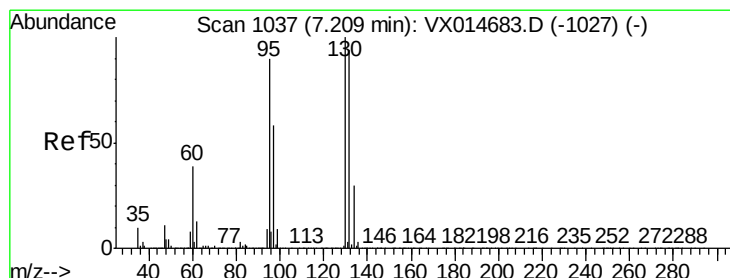
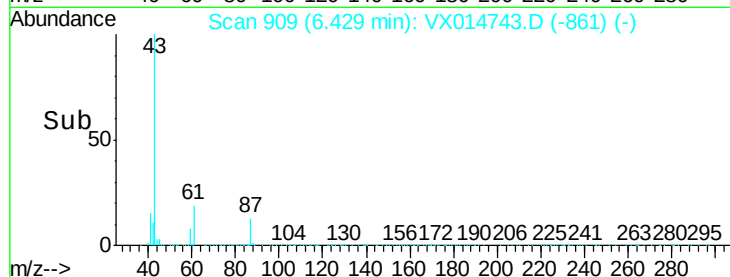
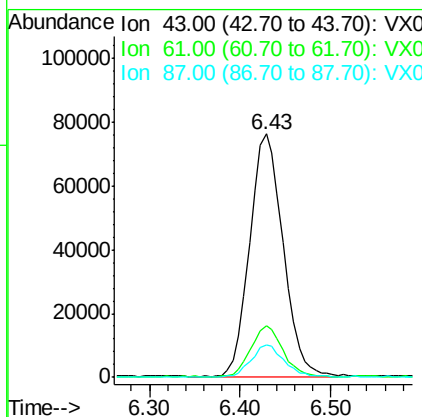
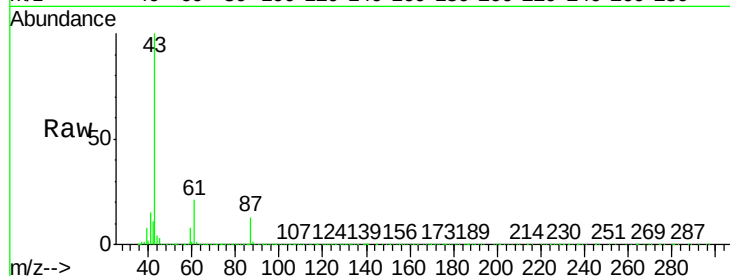
ClientSampleId :

VX0128WBSD01

Tot Ion:	43	Resp:	194081
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.2	24.4
87	13.1	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#44

Trichloroethene

Concen: 18.432 ug/l

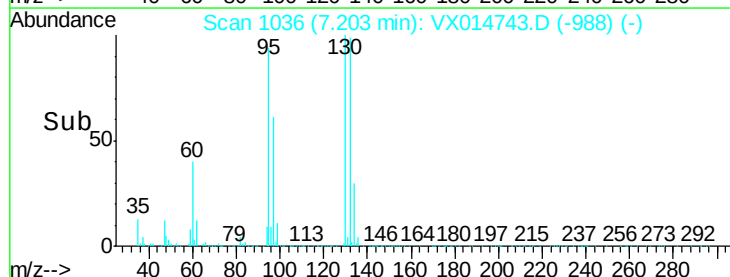
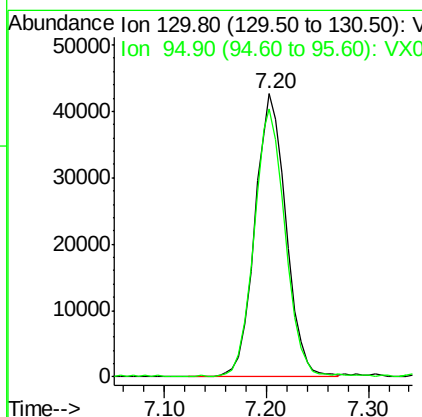
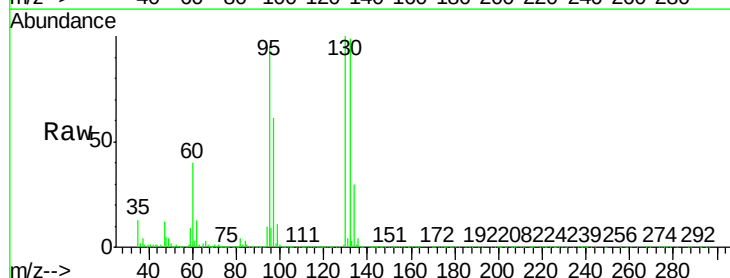
RT: 7.20 min Scan# 1036

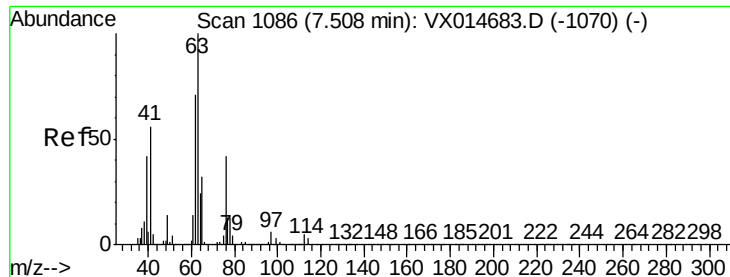
Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	130	Resp:	90623
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	179.8





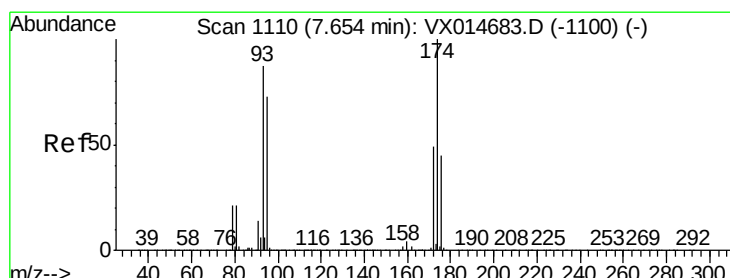
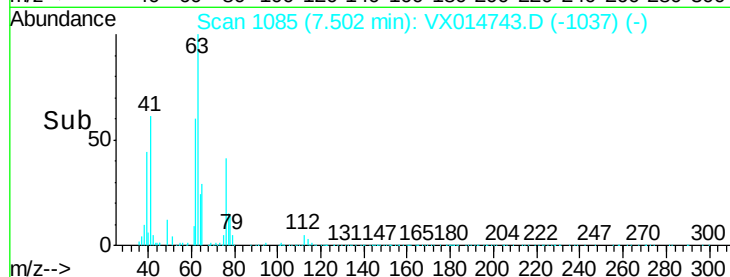
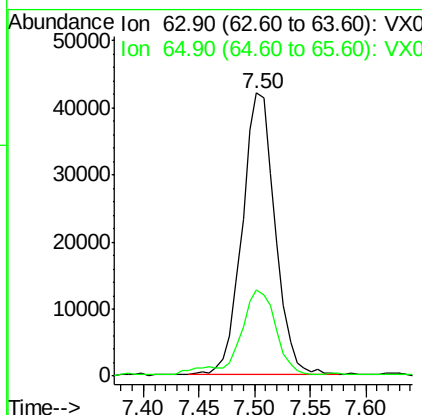
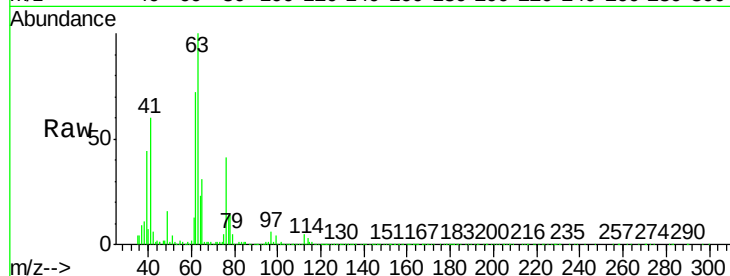
#45
 1,2-Dichloropropane
 Concen: 19.091 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	25.2	37.8

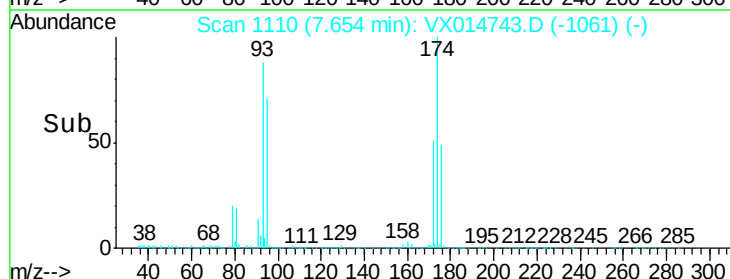
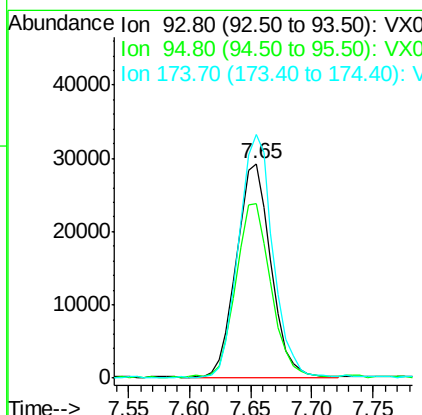
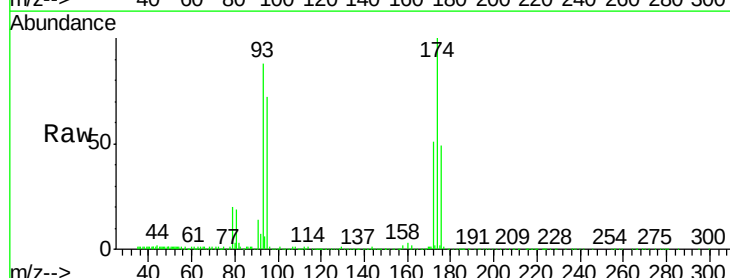
Manual Integrations
 APPROVED

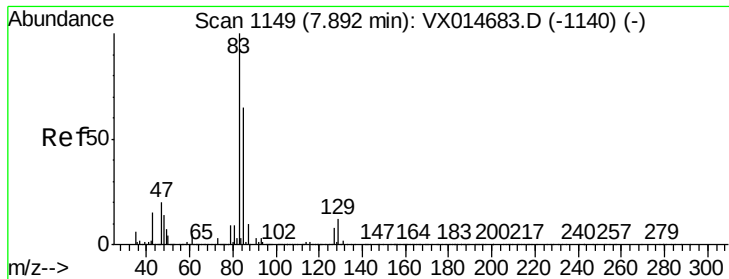
MMDadoda
 1/29/2020 10:55:36 AM



#46
 Dibromomethane
 Concen: 19.705 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.0	100.4
174	113.9	90.2	135.2





#47

Bromodichloromethane

Concen: 19.413 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

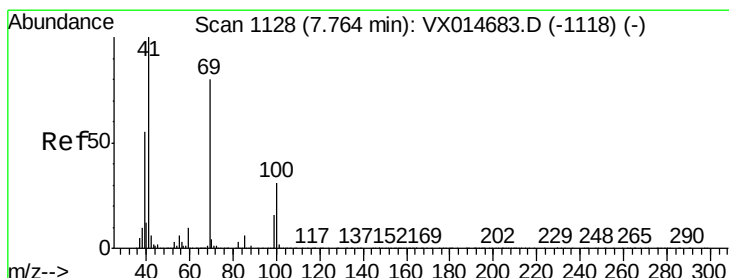
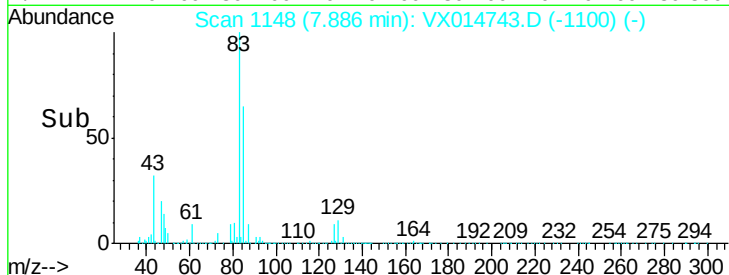
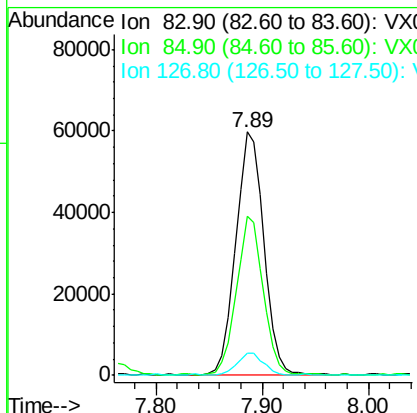
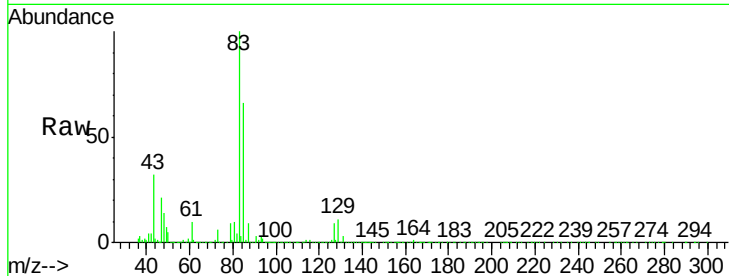
ClientSampleId :

VX0128WBSD01

Tot Ion:	83	Resp:	110579
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.2	78.2
127	8.5	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#48

Methyl methacrylate

Concen: 18.898 ug/l

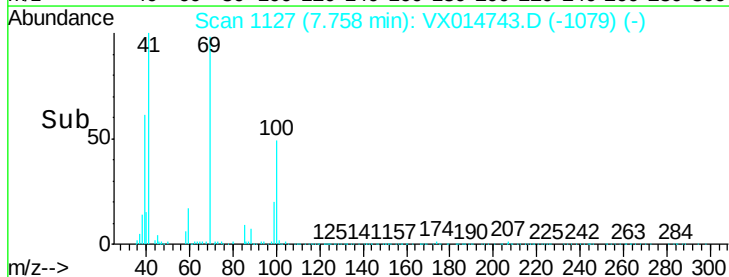
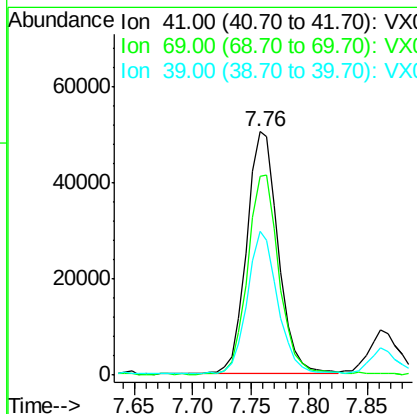
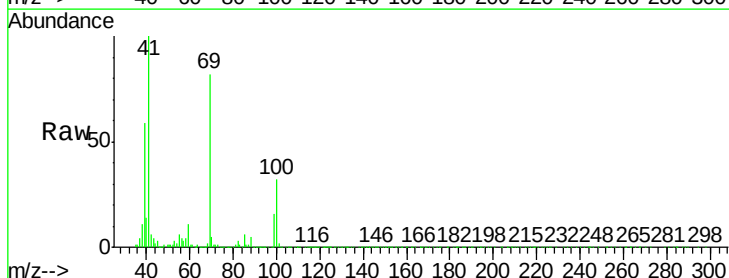
RT: 7.76 min Scan# 1127

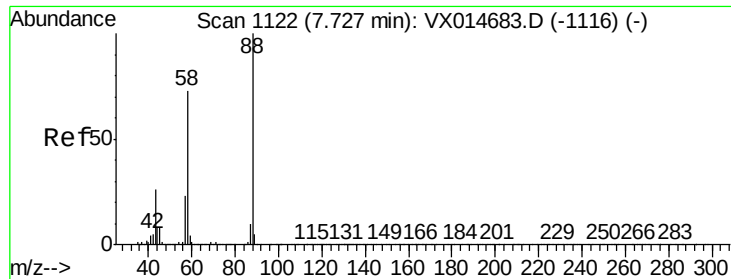
Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	41	Resp:	95402
Ion Ratio	Lower	Upper	
41	100		
69	82.2	63.5	95.3
39	56.6	43.7	65.5





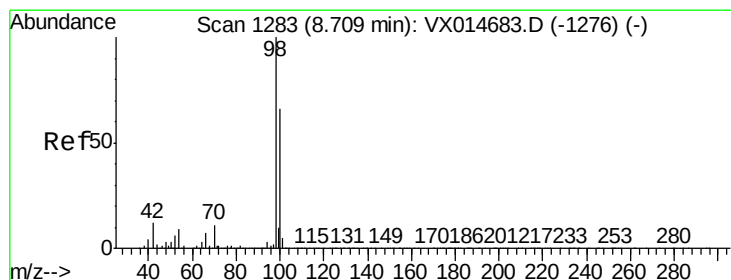
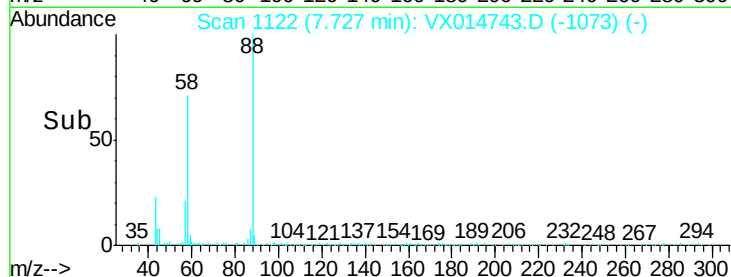
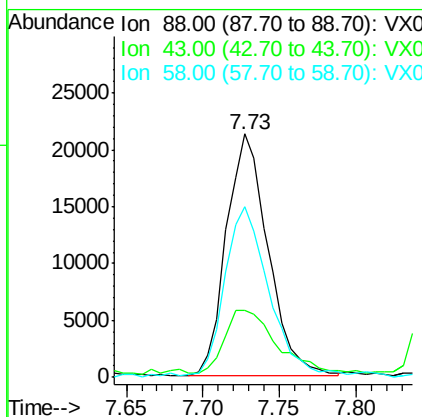
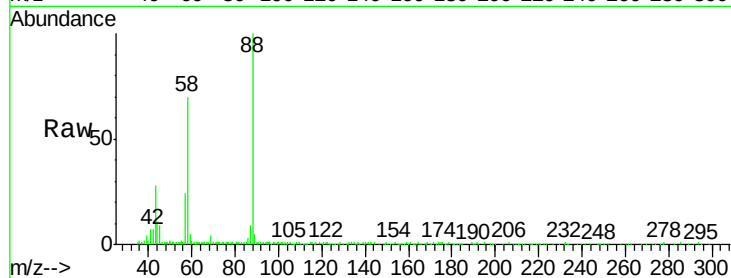
#49
1,4-Dioxane
Concen: 376.547 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.2	39.2
58	73.2	56.6	85.0

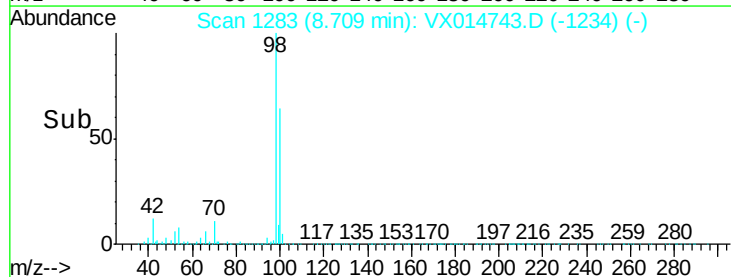
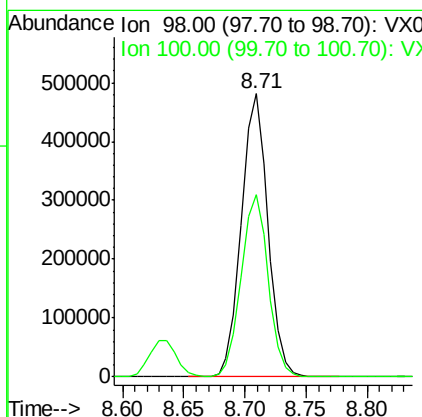
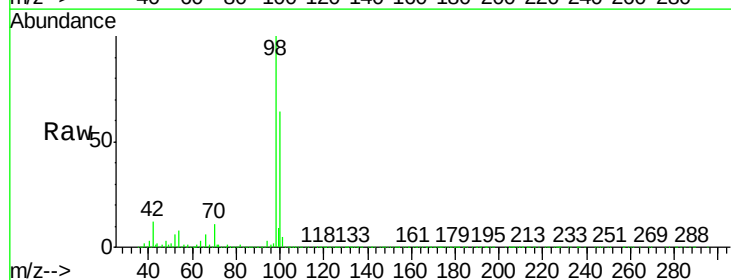
Manual Integrations
APPROVED

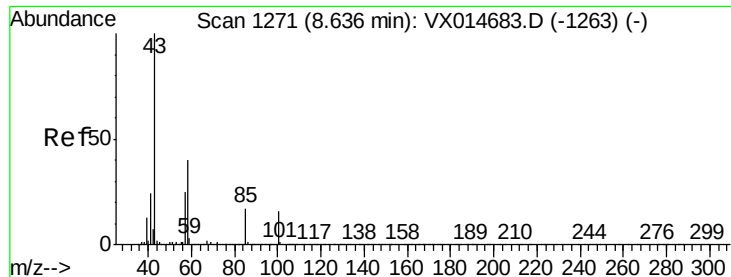
MMDadoda
1/29/2020 10:55:36 AM



#50
Toluene-d8
Concen: 49.261 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 93.588 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBSD01

Tot Ion: 43 Resp: 624105

Ion Ratio Lower Upper

43 100

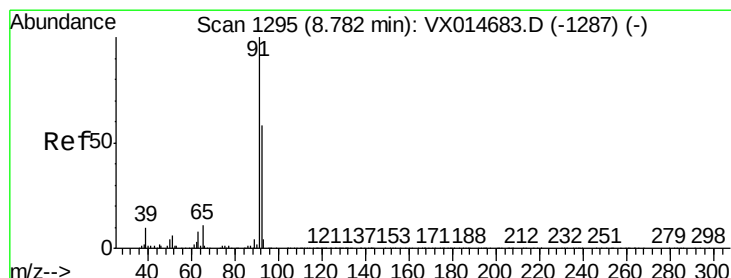
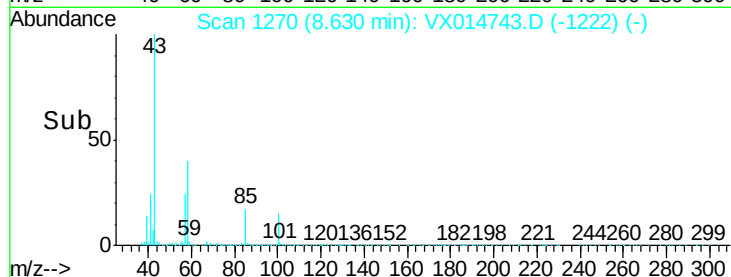
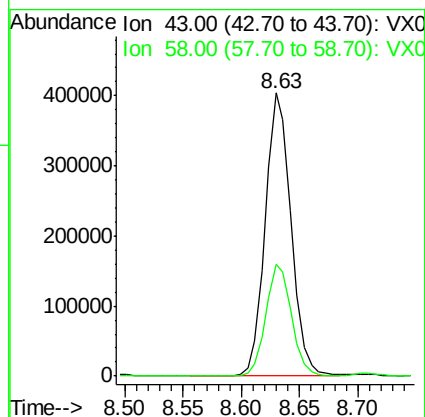
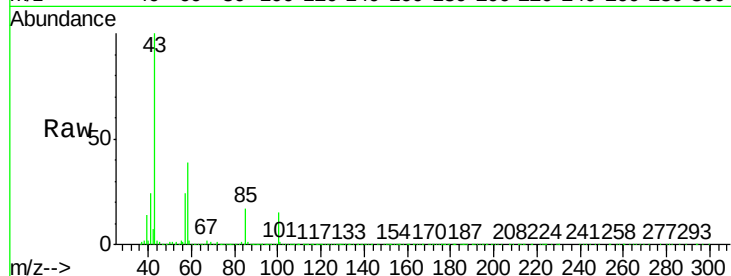
58 39.3 31.6 47.4

Manual Integrations

APPROVED

MMDadoda

1/29/2020 10:55:36 AM



#52

Toluene

Concen: 19.451 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014743.D

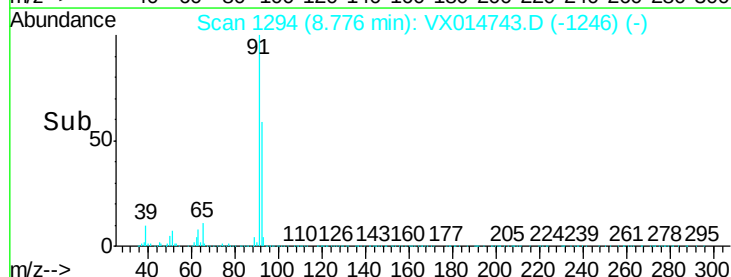
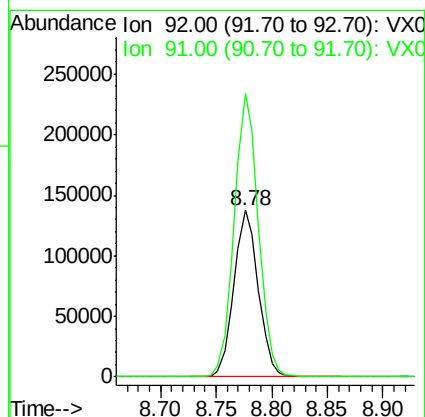
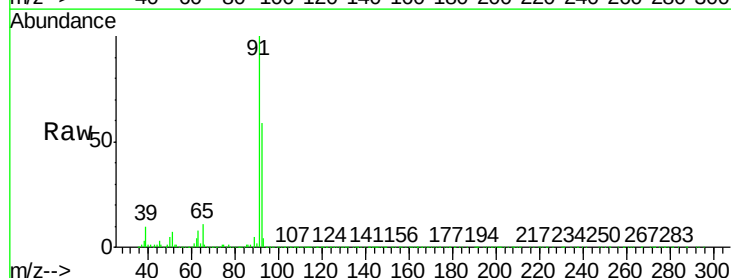
Acq: 28 Jan 2020 11:54

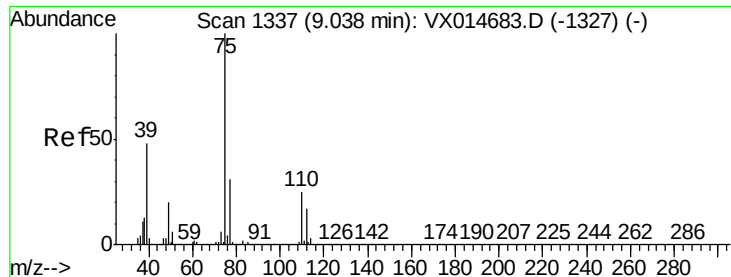
Tgt Ion: 92 Resp: 208120

Ion Ratio Lower Upper

92 100

91 168.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.260 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBSD01

Tot Ion: 75 Resp: 118129

Ion Ratio Lower Upper

75 100

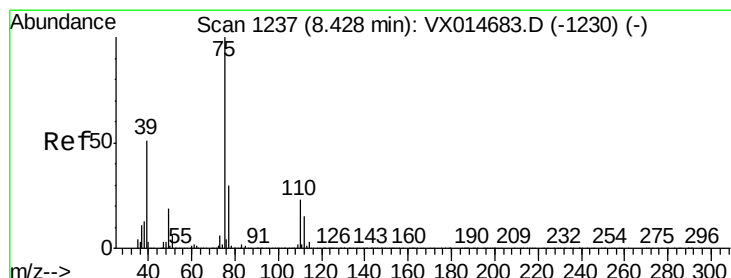
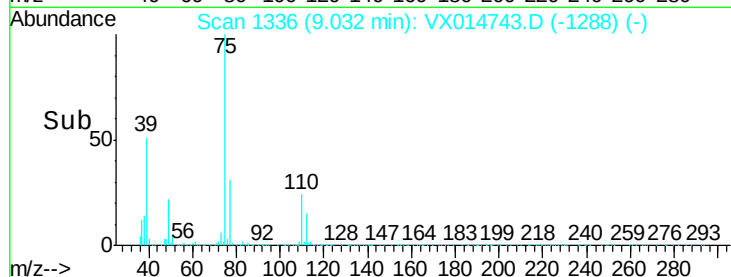
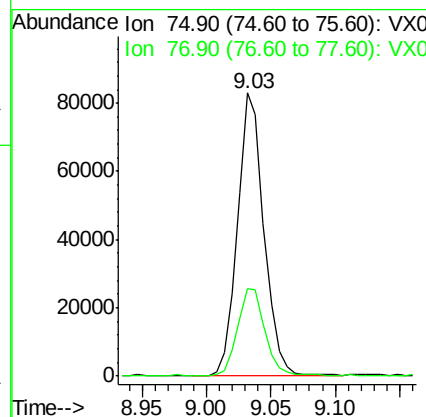
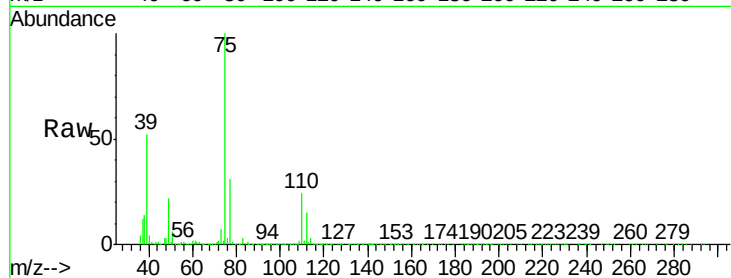
77 30.6 24.9 37.3

Manual Integrations

APPROVED

MMDadoda

1/29/2020 10:55:36 AM



#54

cis-1,3-Dichloropropene

Concen: 19.431 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

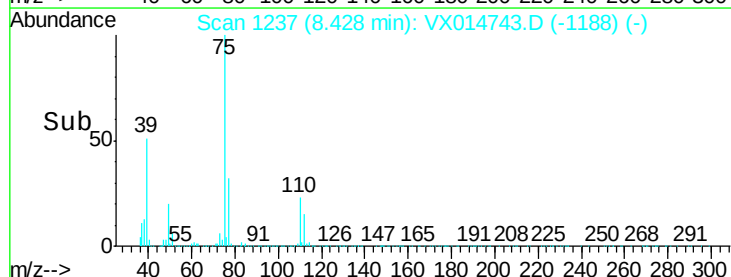
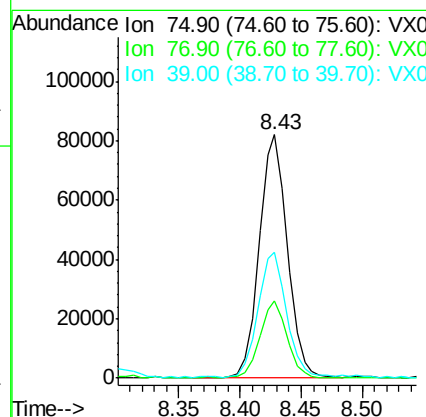
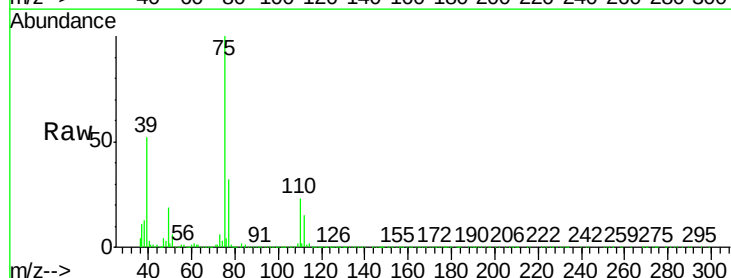
Tgt Ion: 75 Resp: 131108

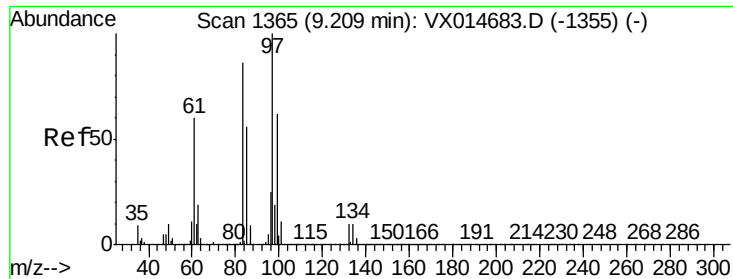
Ion Ratio Lower Upper

75 100

77 31.6 23.9 35.9

39 51.5 40.9 61.3





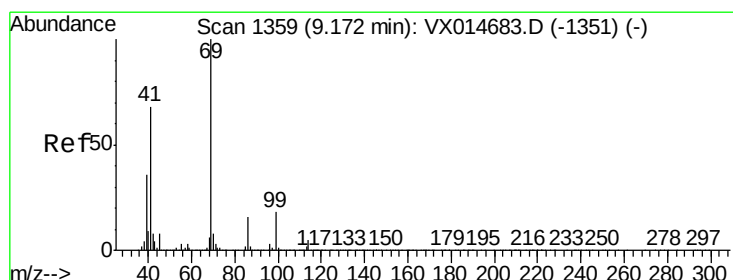
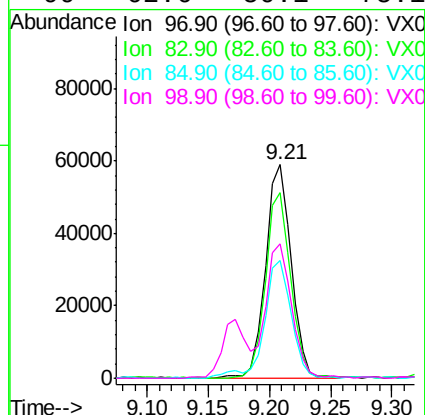
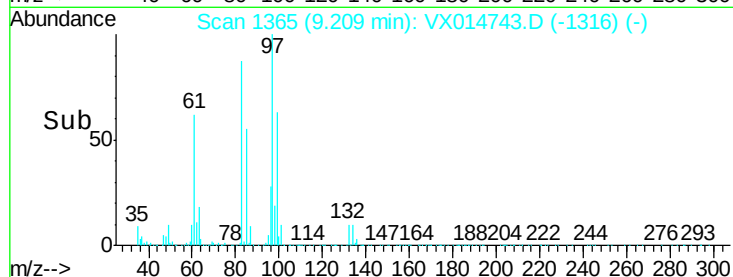
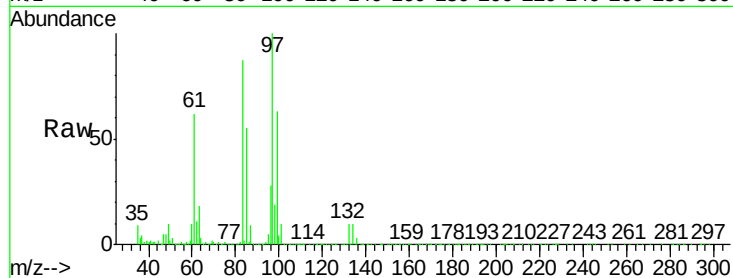
#55
 1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		85790		
83	87.0	69.2	103.8		
85	55.2	44.6	67.0		
99	62.6	50.1	75.1		

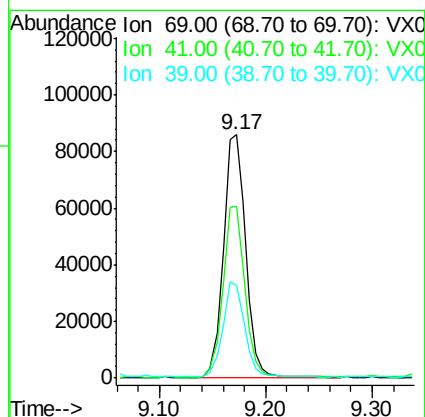
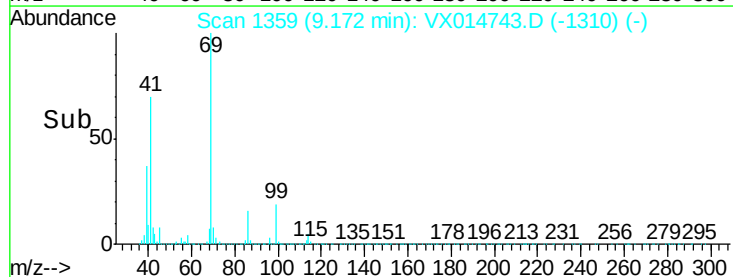
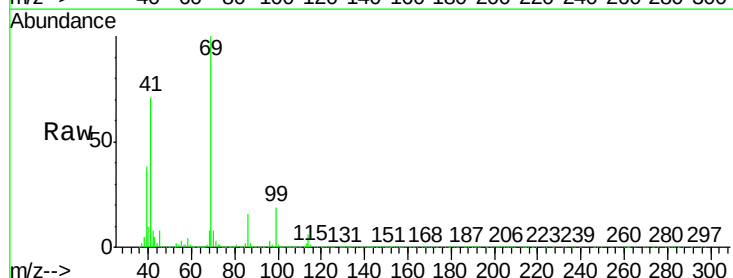
Manual Integrations
 APPROVED

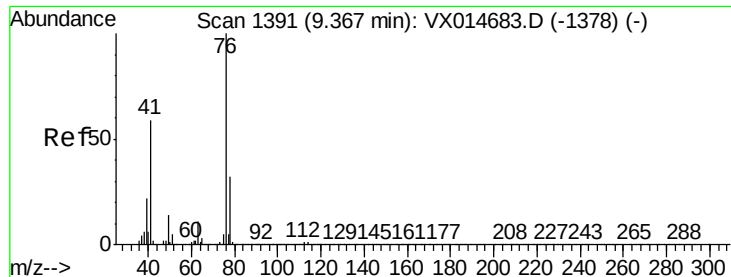
MMDadoda
 1/29/2020 10:55:36 AM



#56
 Ethyl methacrylate
 Concen: 18.097 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		125634		
41	69.3	54.9	82.3		
39	38.2	29.3	43.9		





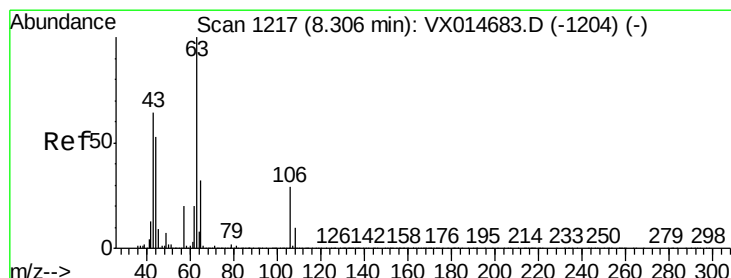
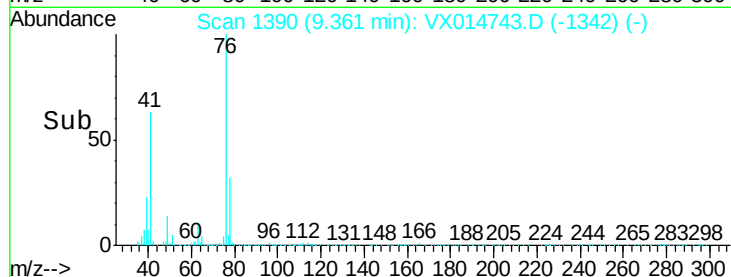
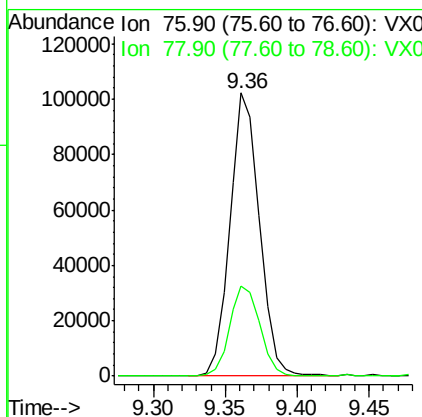
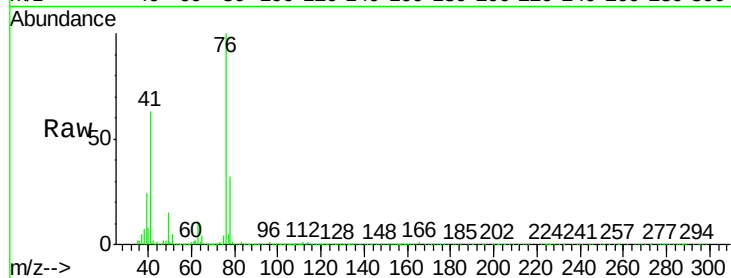
#57
 1,3-Dichloropropane
 Concen: 19.453 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.0	39.0

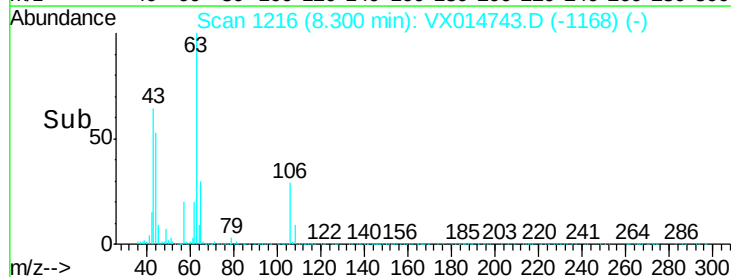
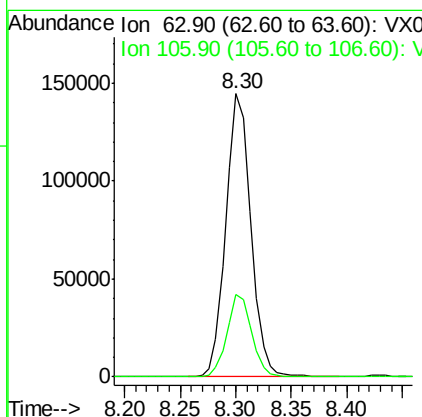
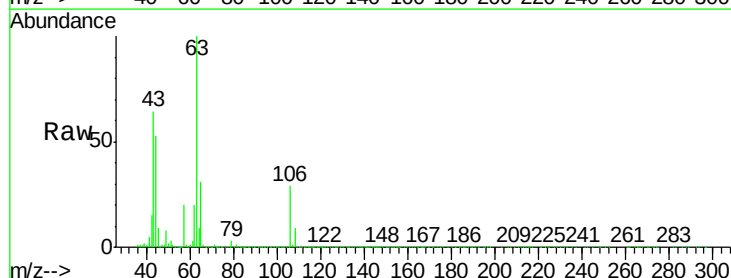
Manual Integrations
 APPROVED

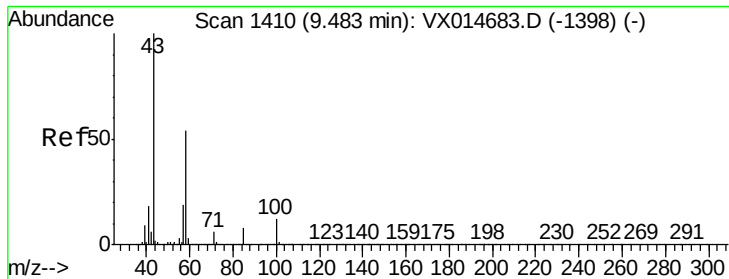
MMDadoda
 1/29/2020 10:55:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.142 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.7	34.1





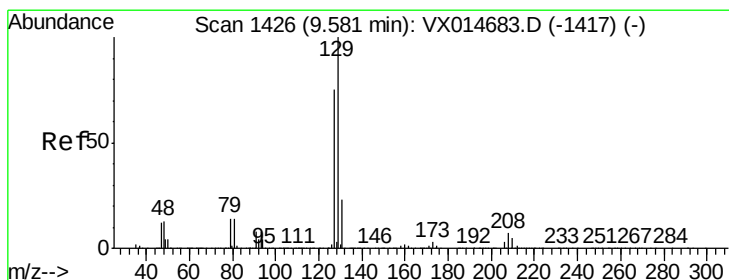
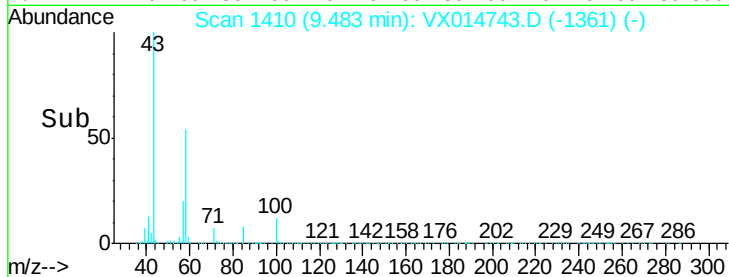
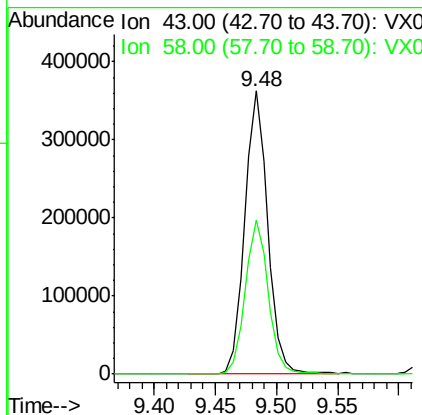
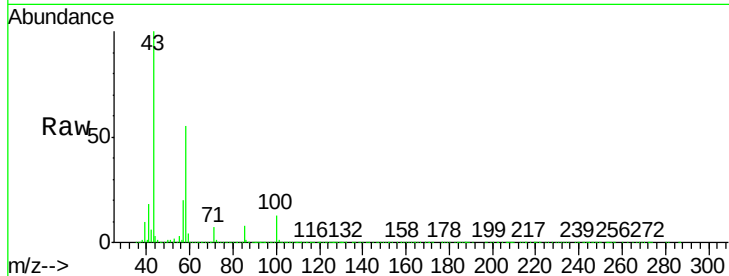
#59
2-Hexanone
Concen: 91.312 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion: 43 Resp: 472516
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5

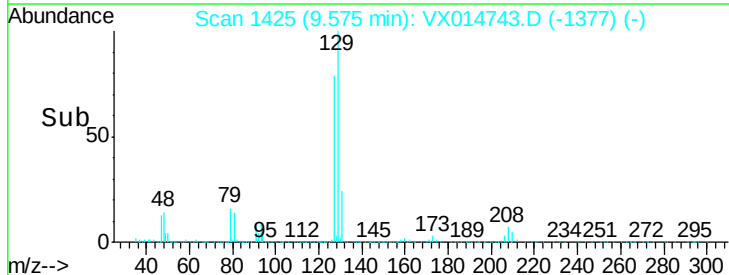
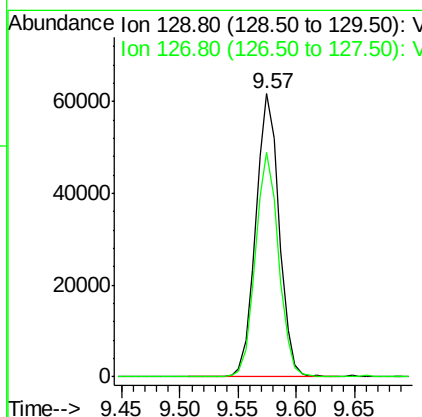
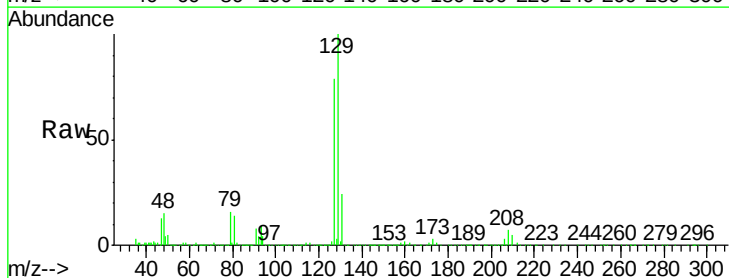
Manual Integrations
APPROVED

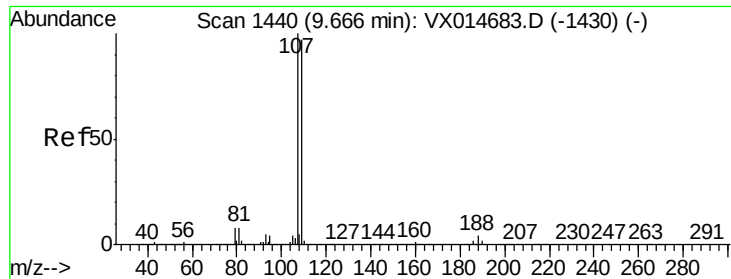
MMDadoda
1/29/2020 10:55:36 AM



#60
Dibromochloromethane
Concen: 19.027 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 129 Resp: 87000
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





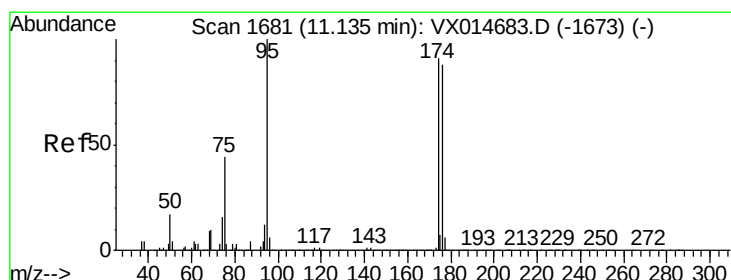
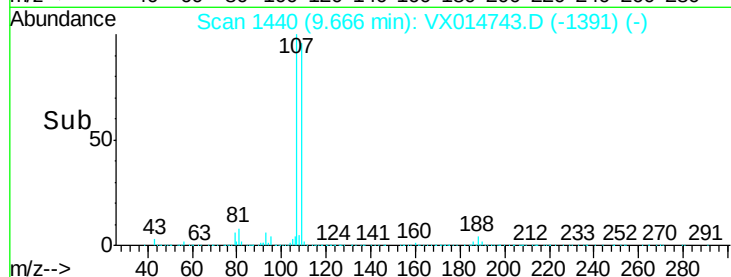
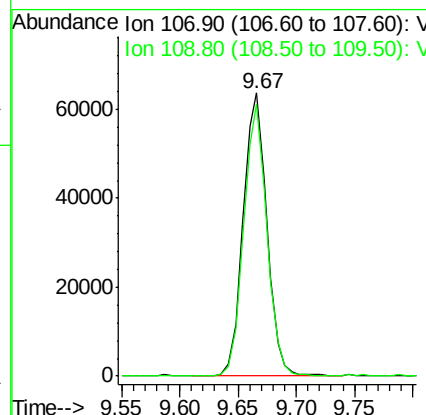
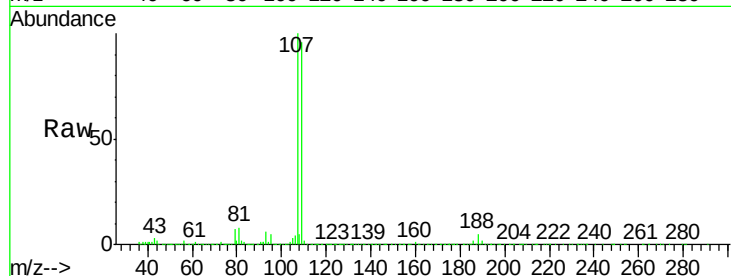
#61
 1,2-Dibromoethane
 Concen: 19.402 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Tot Ion: 107 Resp: 89865
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.2 114.2

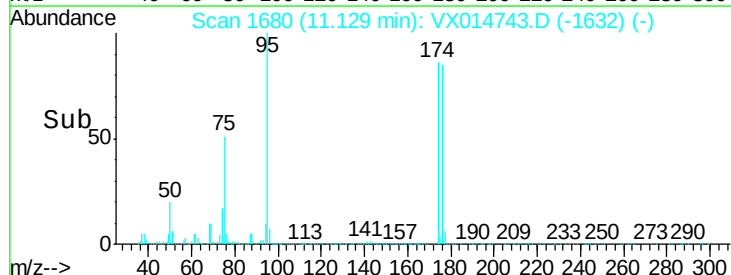
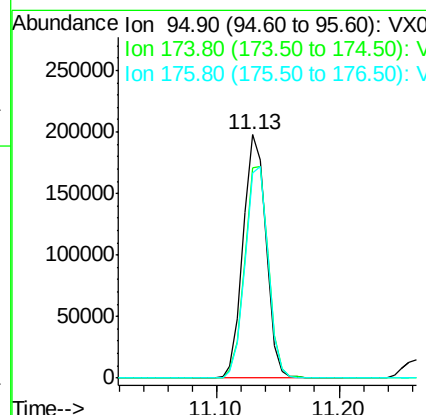
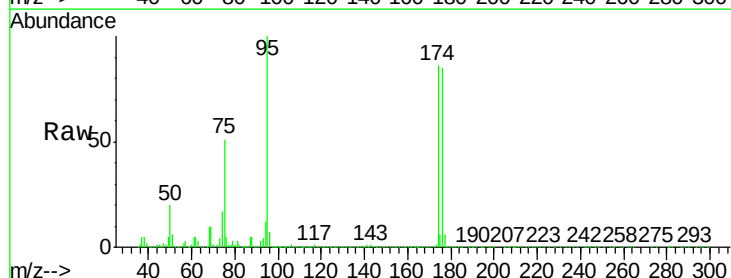
Manual Integrations
 APPROVED

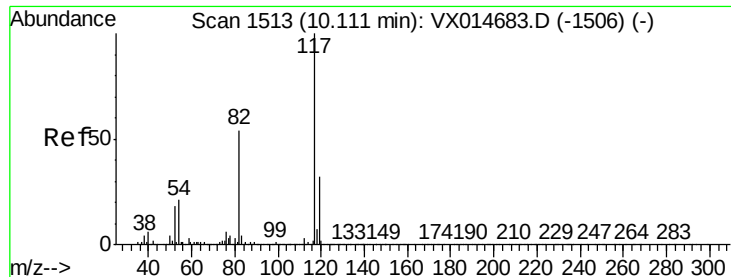
MMDadoda
 1/29/2020 10:55:36 AM



#62
 4-Bromofluorobenzene
 Concen: 48.495 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion: 95 Resp: 254061
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 176.0
 176 88.2 0.0 172.2





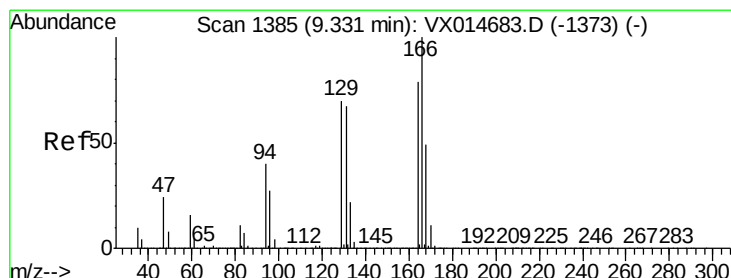
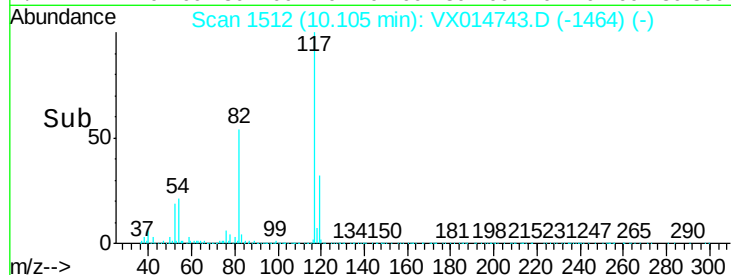
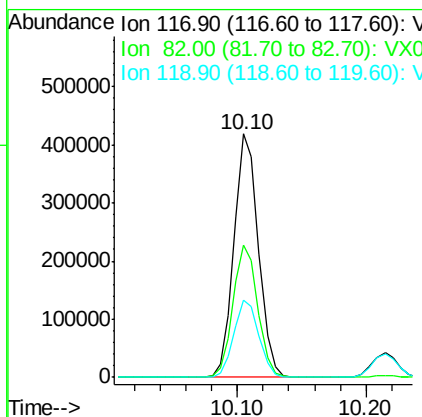
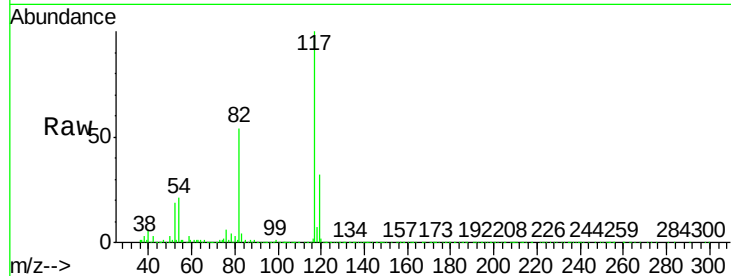
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.2	64.8
119	31.5	25.8	38.6

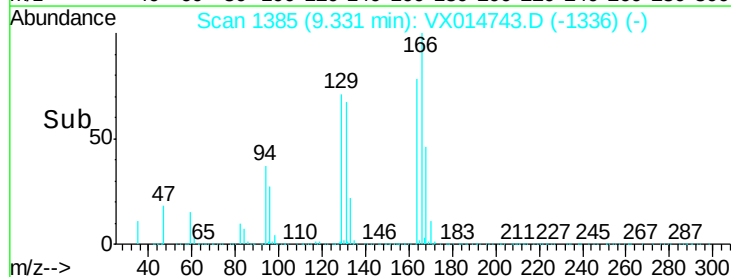
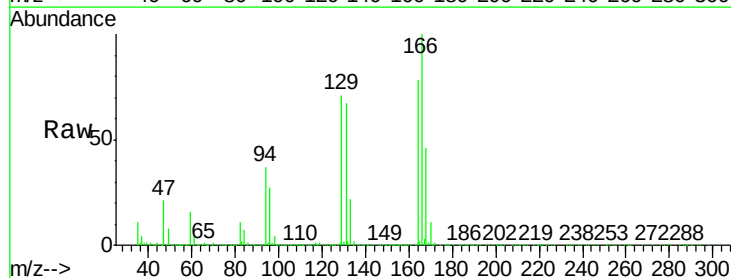
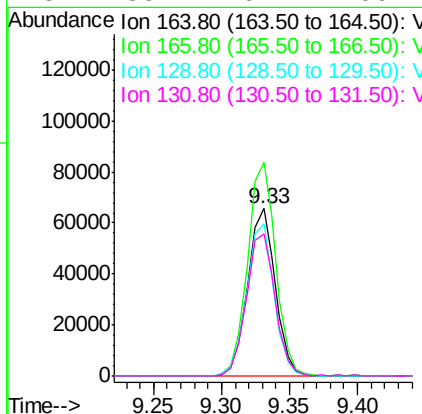
Manual Integrations
APPROVED

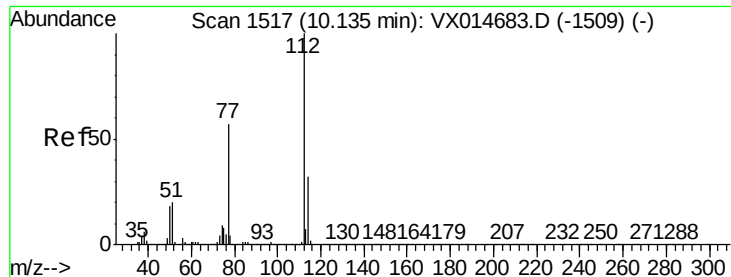
MMDadoda
1/29/2020 10:55:36 AM



#64
Tetrachloroethene
Concen: 17.036 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.9	151.3
129	91.0	71.0	106.6
131	85.1	67.1	100.7





#65

Chlorobenzene

Concen: 18.605 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0128WBSD01

Tot Ion:112 Resp: 220910

Ion Ratio Lower Upper

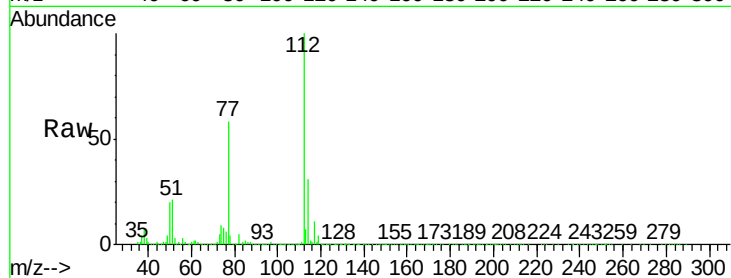
112 100

114 30.7 25.8 38.8

Manual Integrations
APPROVED

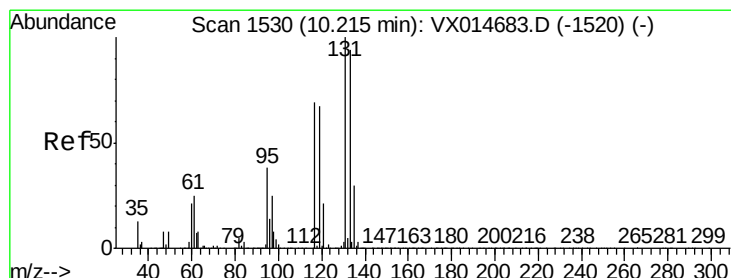
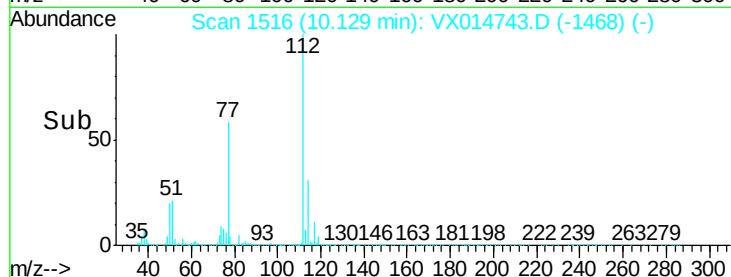
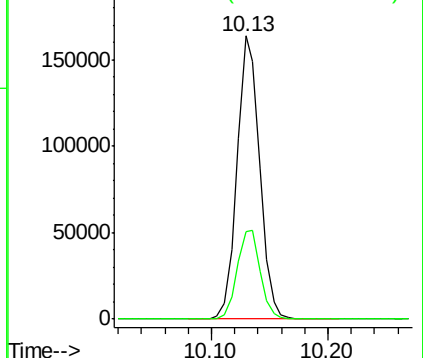
MMDadoda

1/29/2020 10:55:36 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.356 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

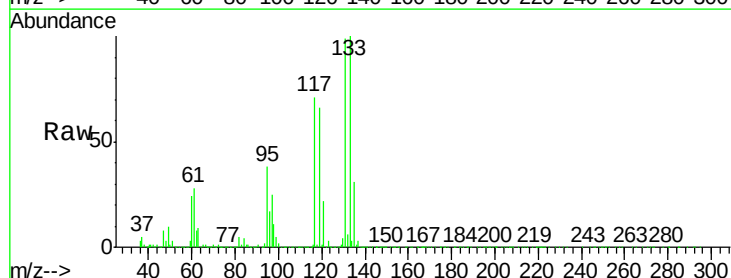
Tgt Ion:131 Resp: 80361

Ion Ratio Lower Upper

131 100

133 96.8 47.4 142.3

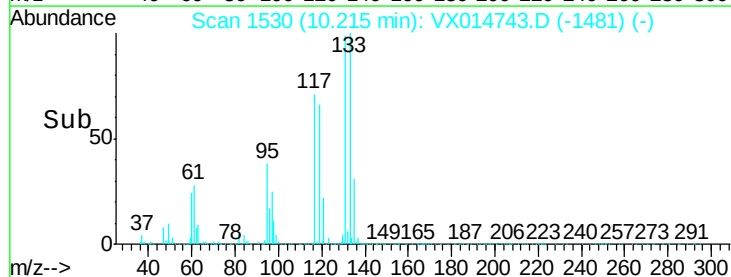
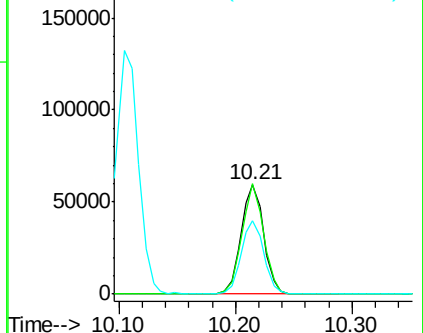
119 67.0 33.3 99.8

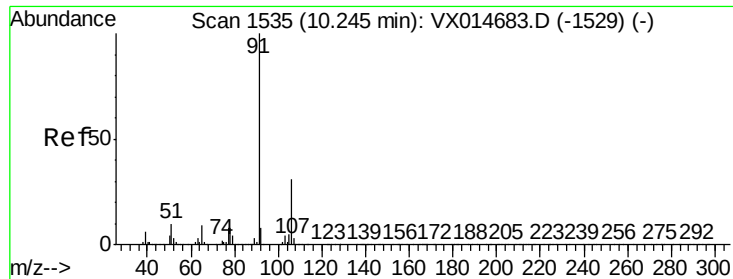


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





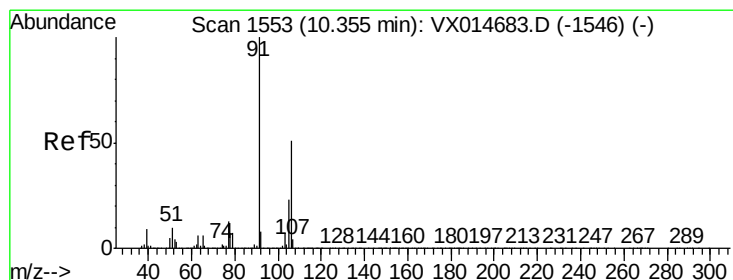
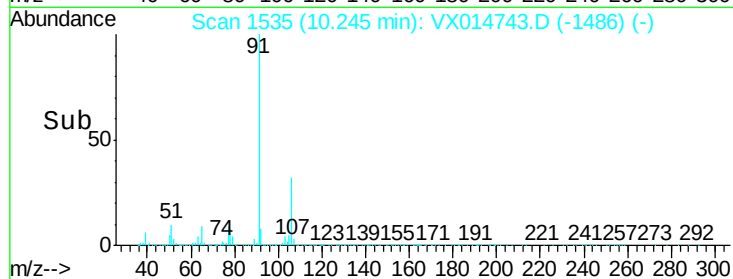
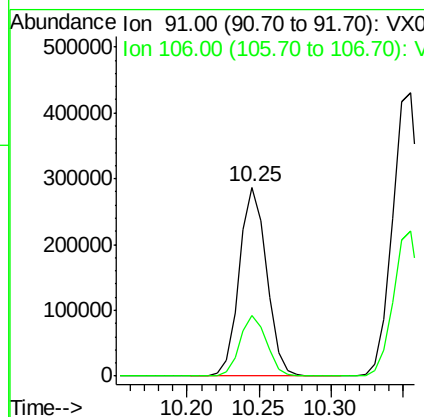
#67
Ethyl Benzene
Concen: 18.786 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion: 91 Resp: 380867
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

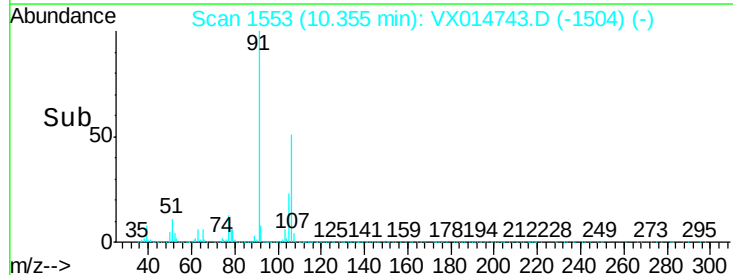
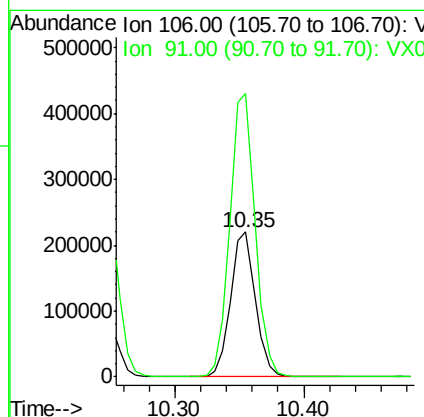
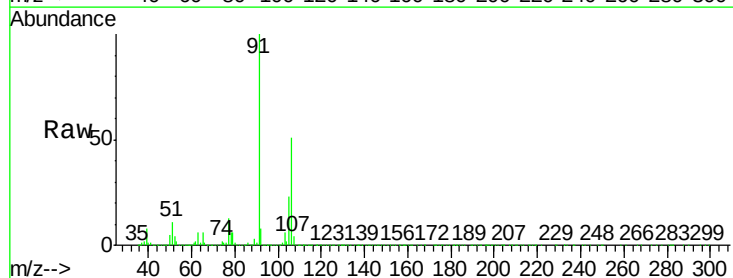
Manual Integrations
APPROVED

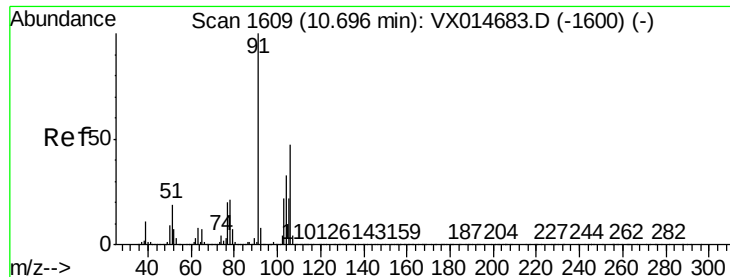
MMDadoda
1/29/2020 10:55:36 AM



#68
m/p-Xylenes
Concen: 38.732 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 106 Resp: 297487
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.2





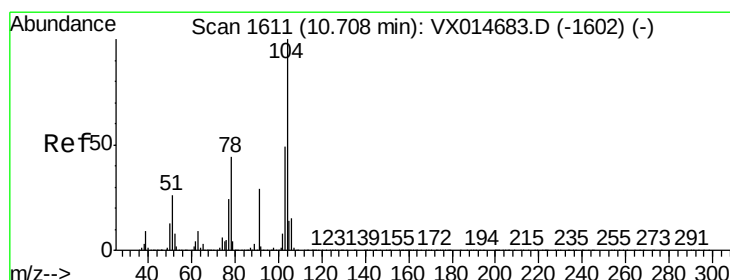
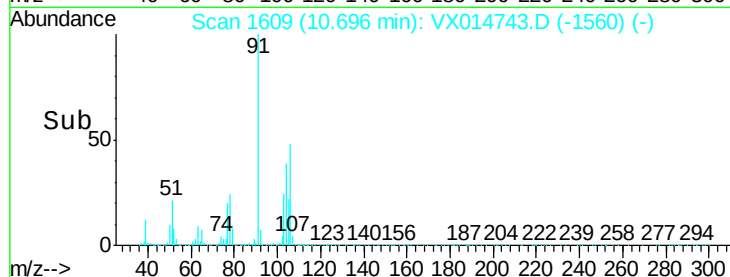
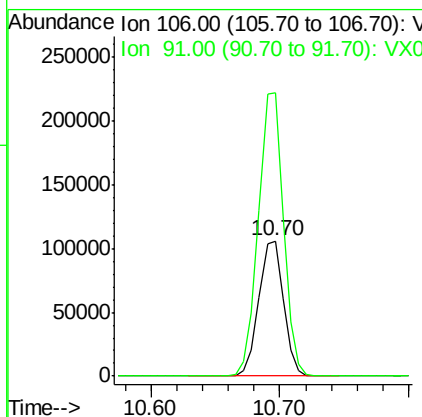
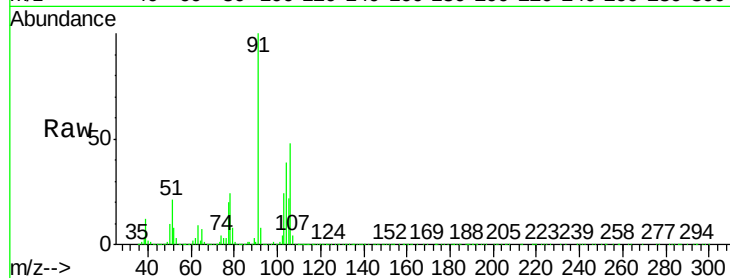
#69
o-Xylene
Concen: 18.974 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.6	106.2	318.6

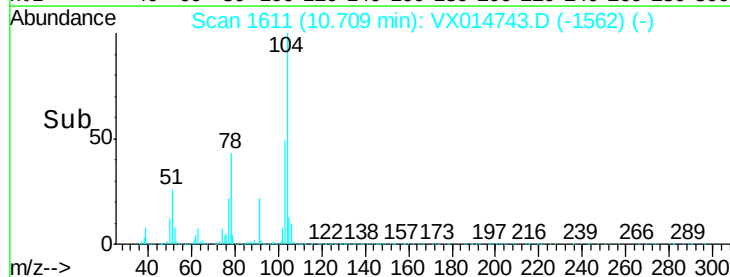
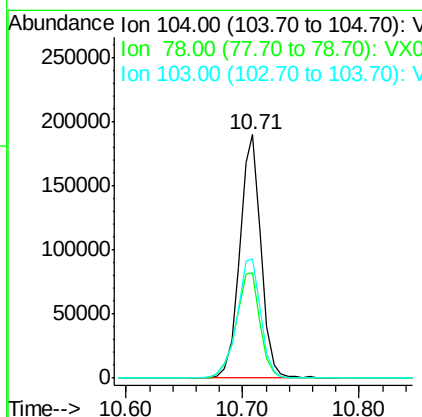
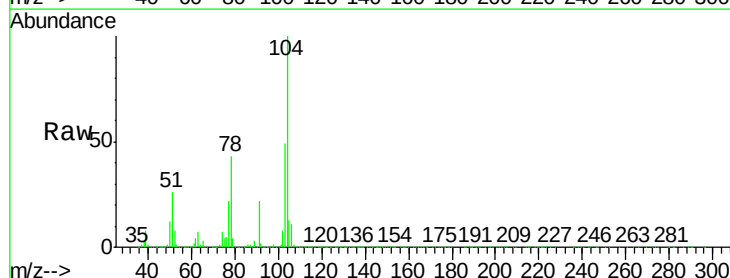
Manual Integrations
APPROVED

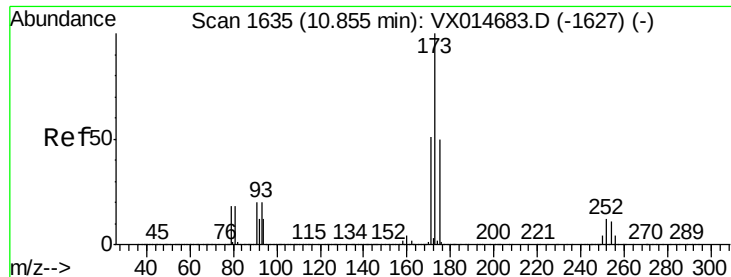
MMDadoda
1/29/2020 10:55:36 AM



#70
Styrene
Concen: 19.229 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.3	58.9
103	55.4	43.5	65.3





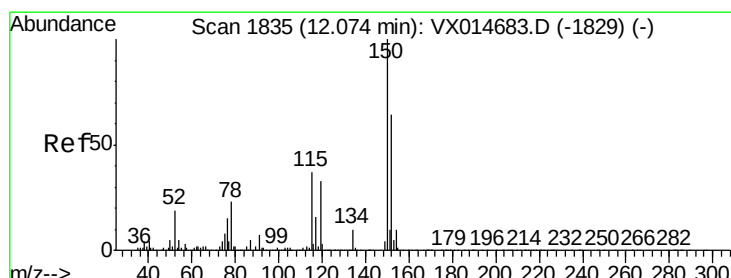
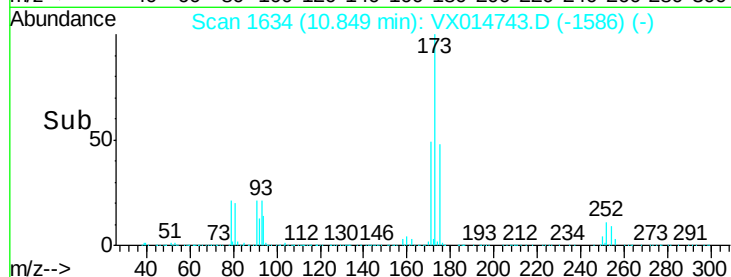
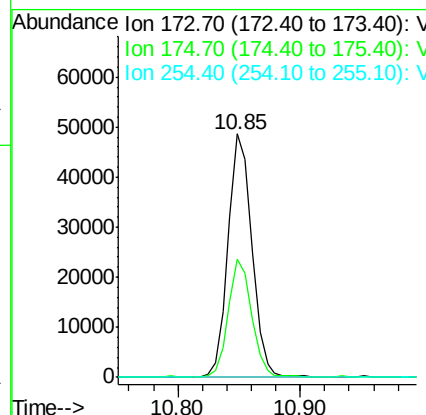
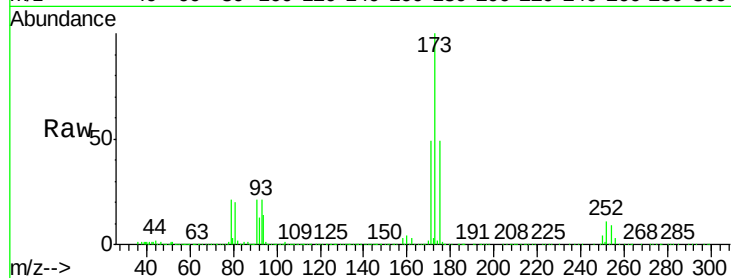
#71
Bromoform
Concen: 18.694 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.1	0.1	0.1

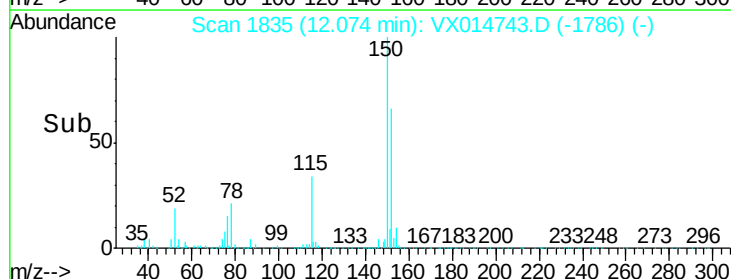
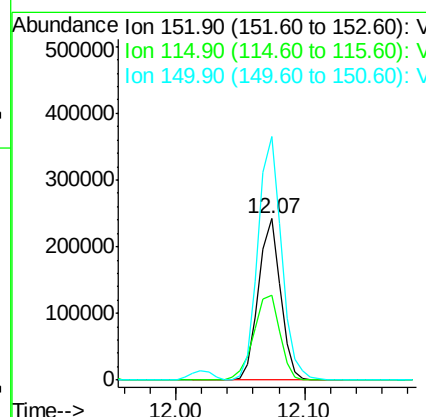
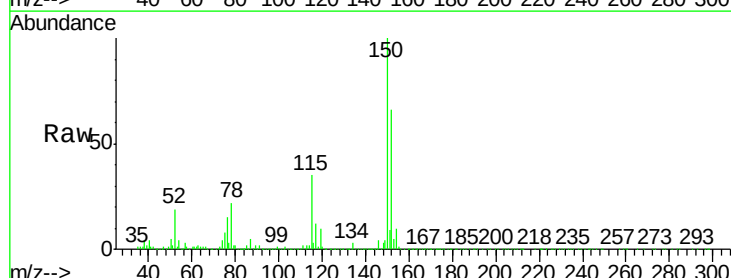
Manual Integrations
APPROVED

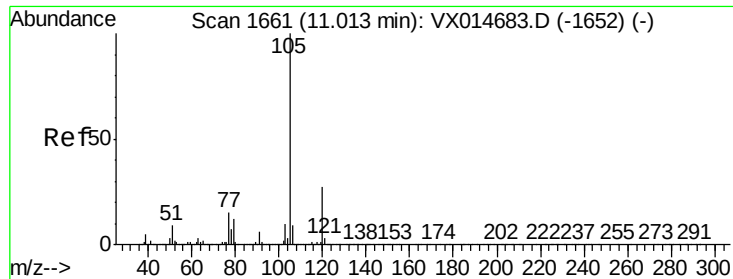
MMDadoda
1/29/2020 10:55:36 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	39.4	118.1
150	161.1	0.0	351.2





#73

Isopropylbenzene

Concen: 18.942 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBSD01

Tot Ion:105 Resp: 377428

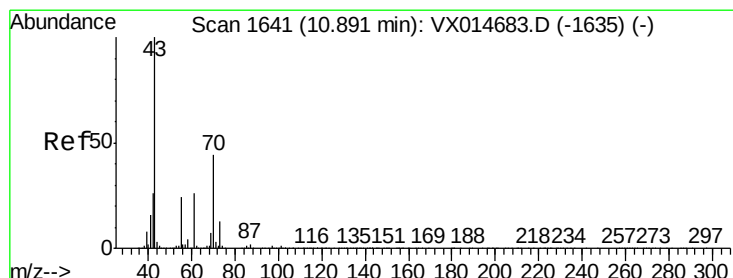
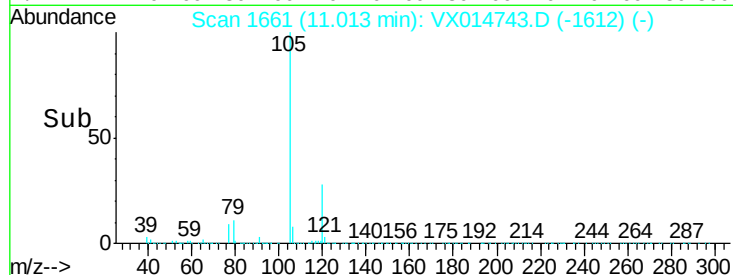
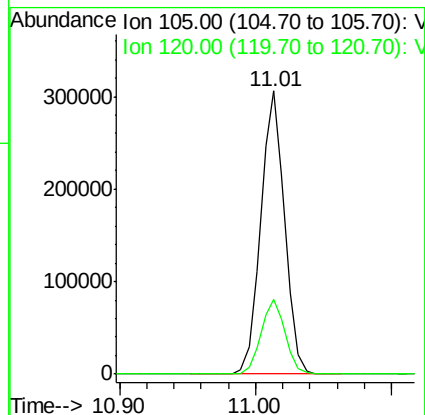
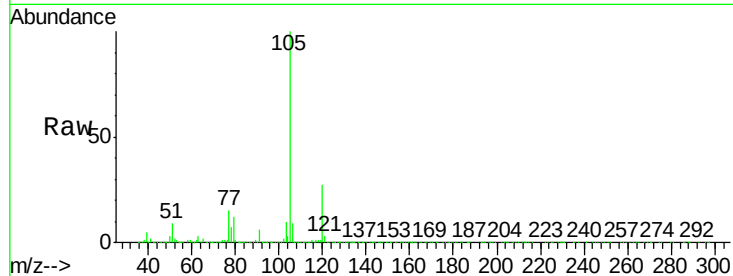
Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#74

N-ethyl acetate

Concen: 18.361 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion: 43 Resp: 160320

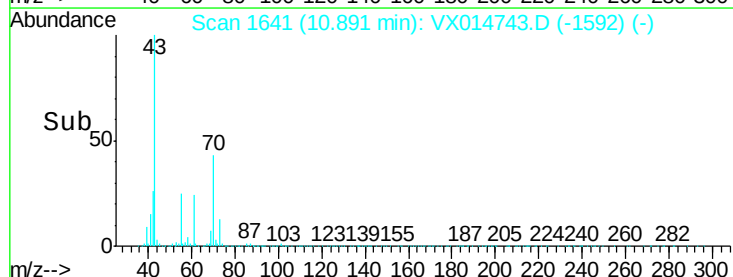
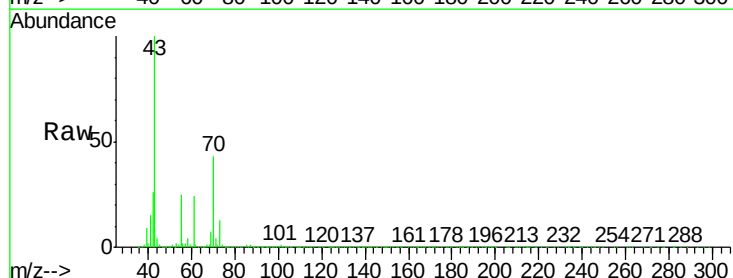
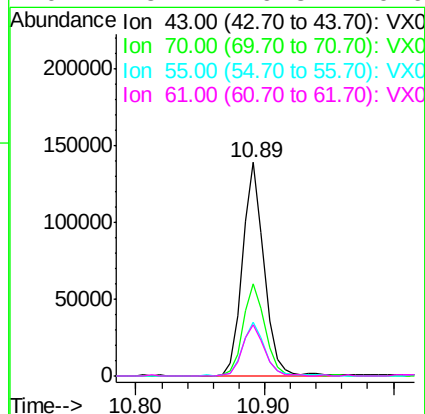
Ion Ratio Lower Upper

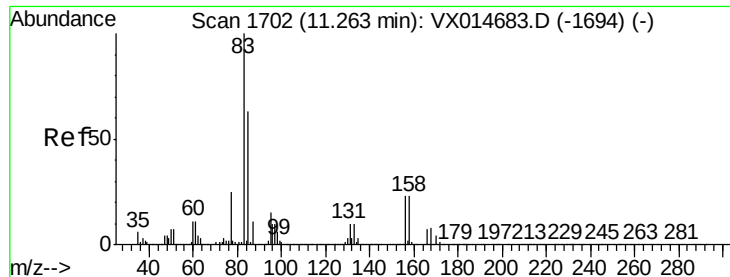
43 100

70 43.9 34.6 52.0

55 26.3 19.4 29.2

61 25.2 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.961 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

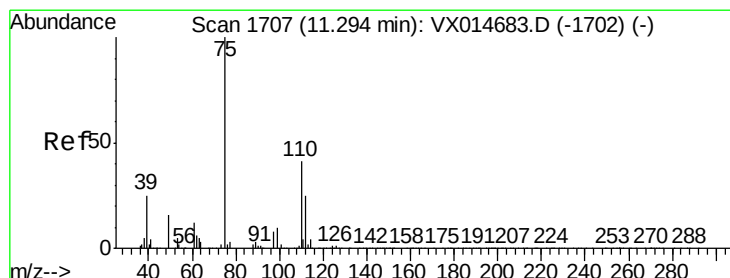
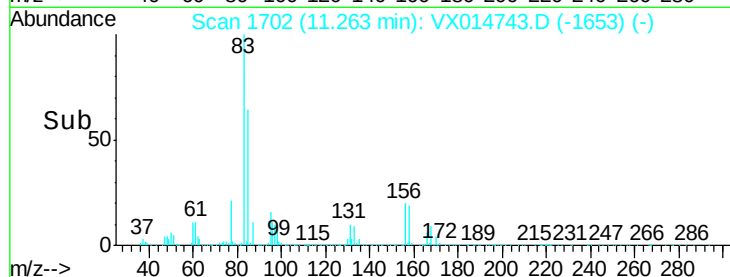
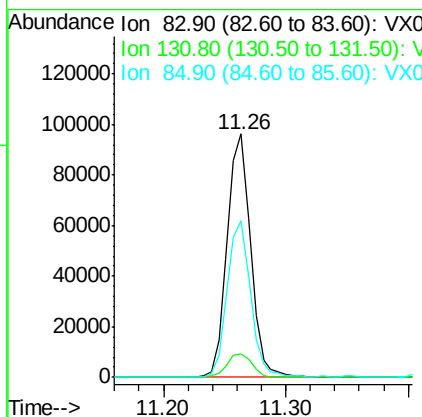
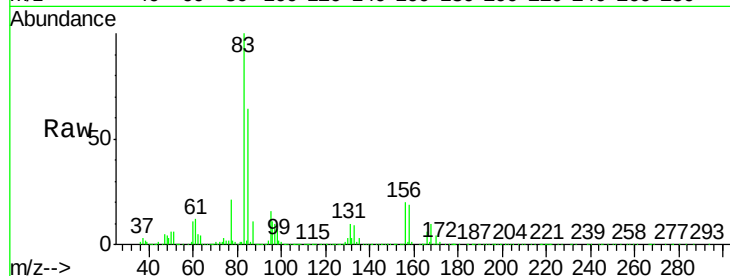
ClientSampleId :

VX0128WBSD01

Tot Ion:	83	Resp:	127779
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	64.1	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#76

1,2,3-Trichloropropane

Concen: 16.621 ug/l m

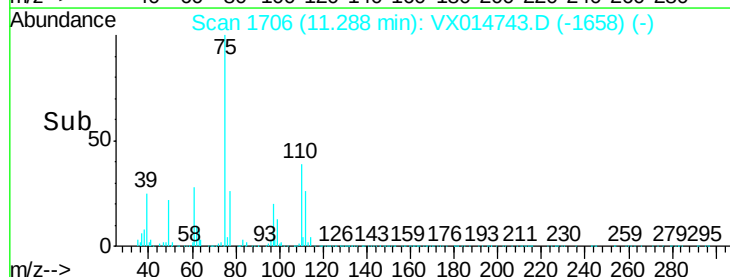
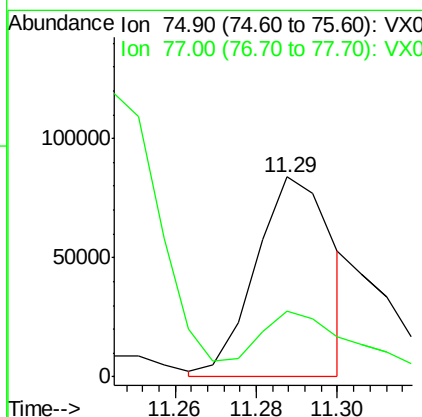
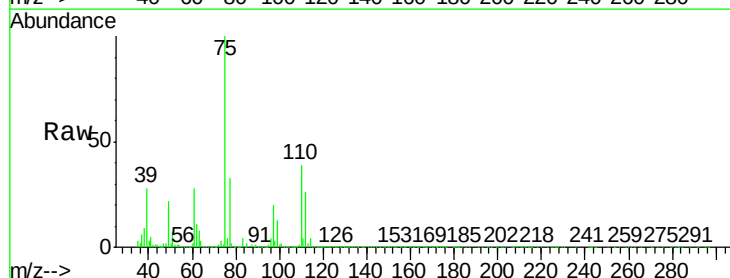
RT: 11.29 min Scan# 1706

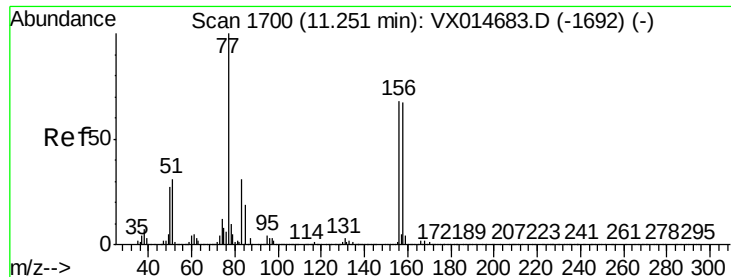
Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	75	Resp:	109583
Ion Ratio	Lower	Upper	
75	100		
77	42.6	18.7	56.1





#77

Bromobenzene

Concen: 19.151 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

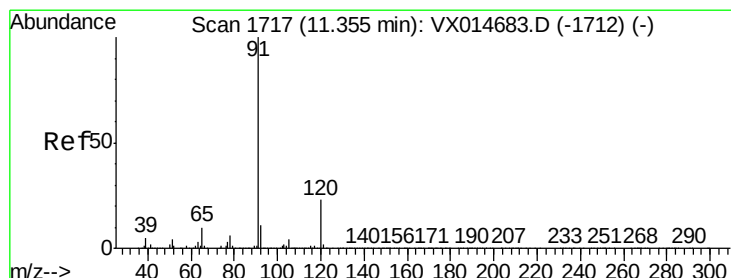
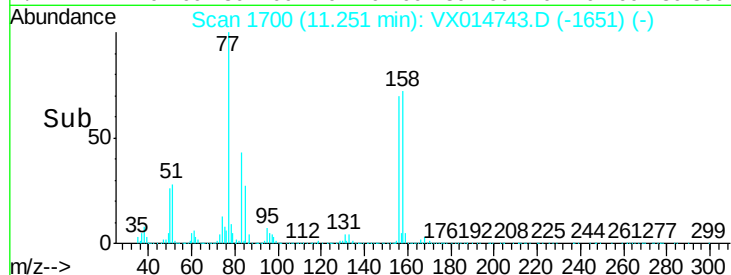
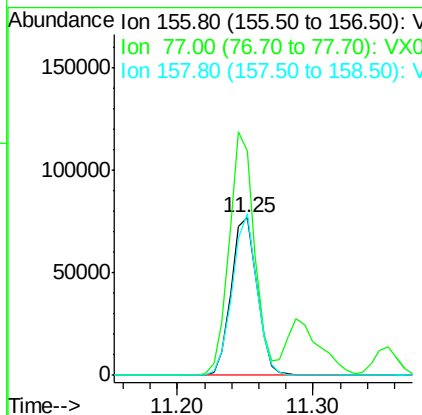
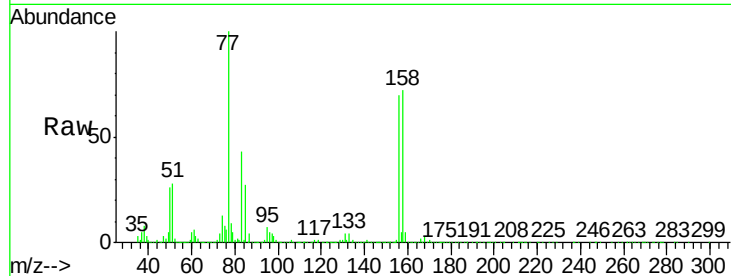
ClientSampleId :

VX0128WBSD01

Tot Ion:	156	Resp:	102514
Ion Ratio	Lower	Upper	
156	100		
77	149.2	77.5	232.5
158	97.4	49.1	147.3

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#78

n-propylbenzene

Concen: 18.985 ug/l

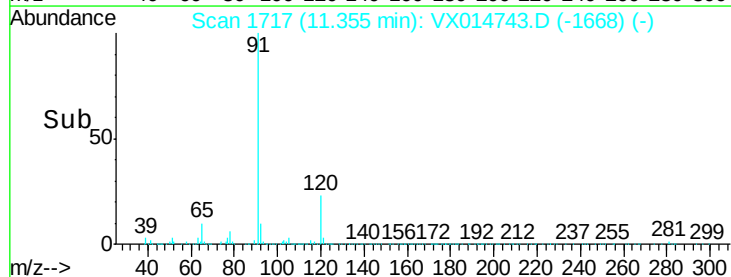
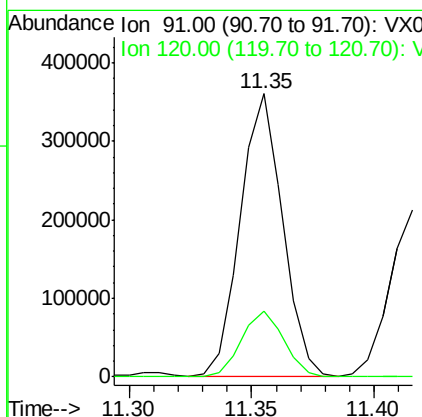
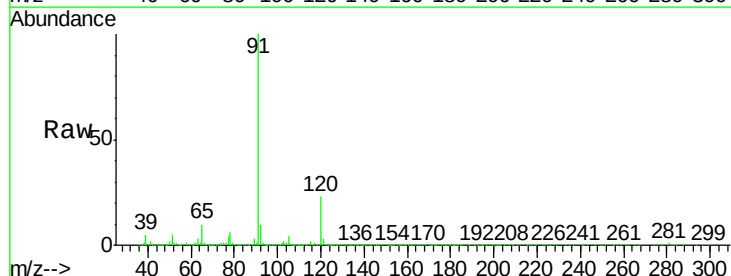
RT: 11.35 min Scan# 1717

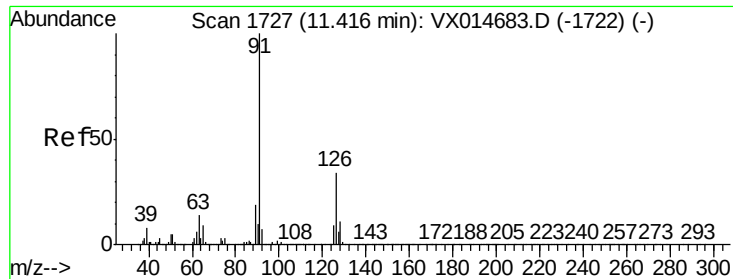
Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	91	Resp:	429390
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





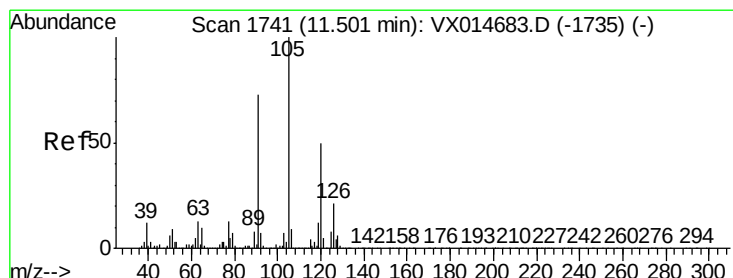
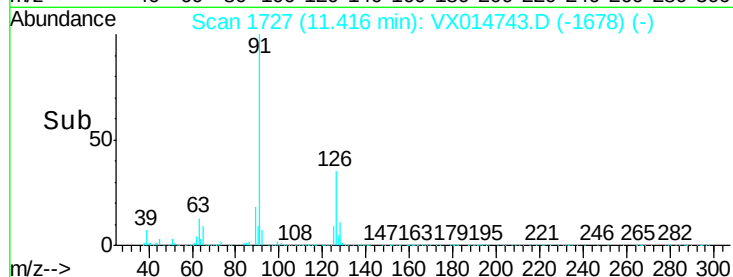
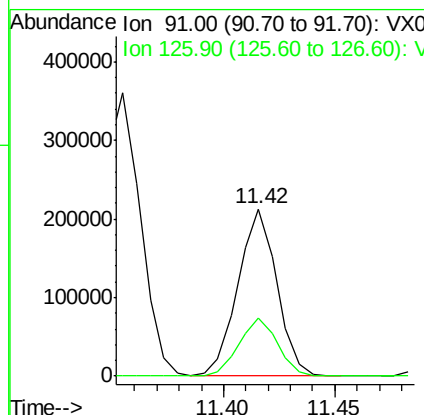
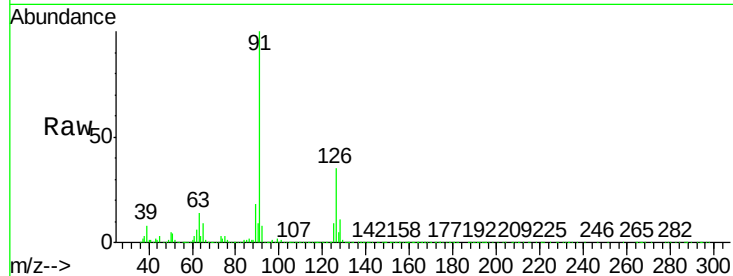
#79
2-Chlorotoluene
Concen: 18.777 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion: 91 Resp: 256949
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.9

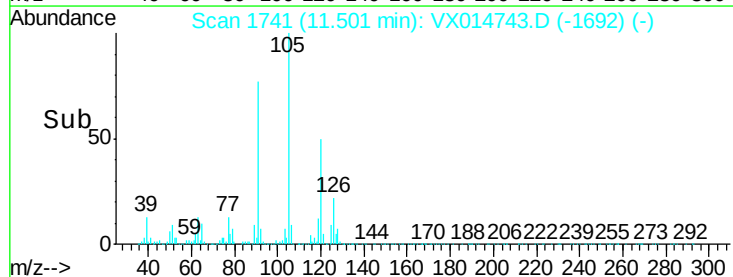
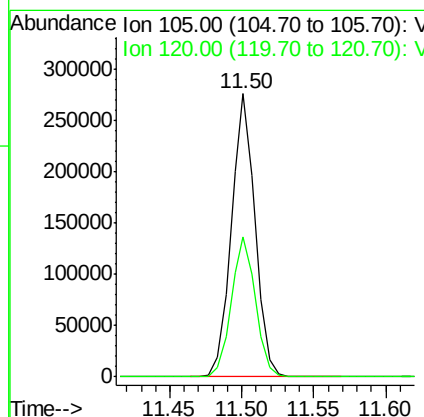
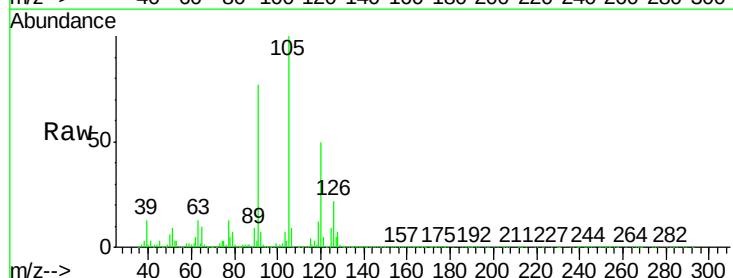
Manual Integrations
APPROVED

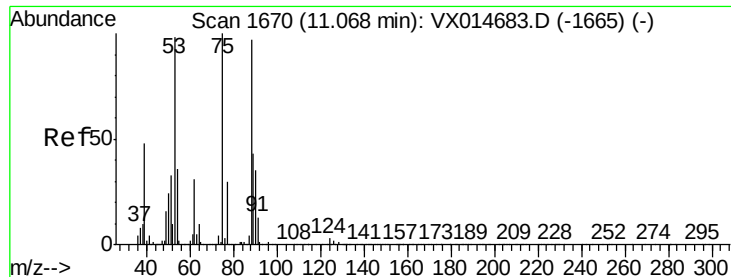
MMDadoda
1/29/2020 10:55:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.268 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion: 105 Resp: 318644
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





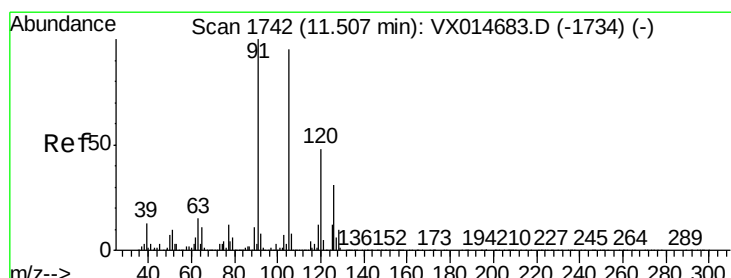
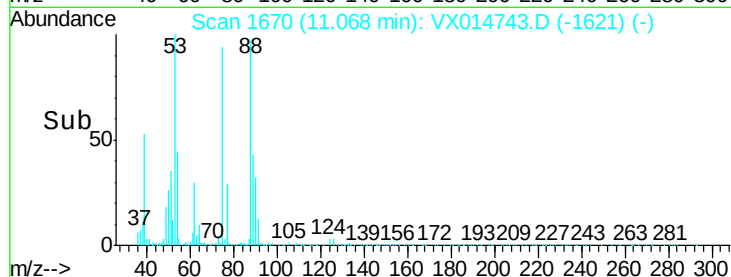
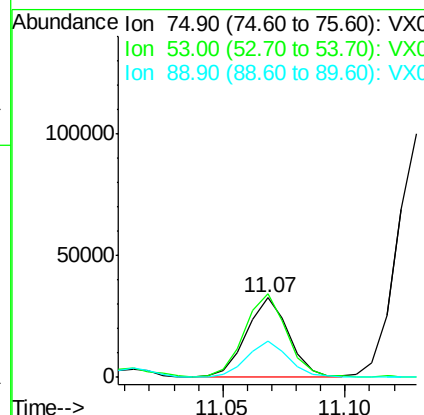
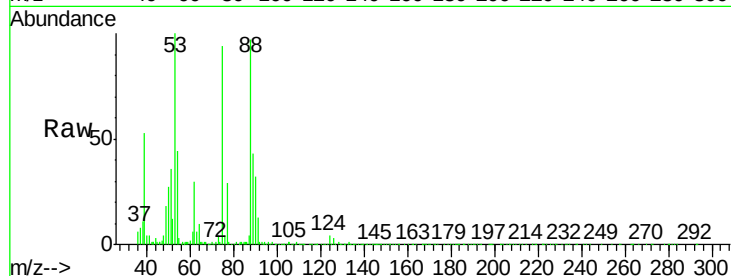
#81
trans-1,4-Dichloro-2-butene
Concen: 16.753 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.9	78.8	118.2
89	45.2	35.4	53.0

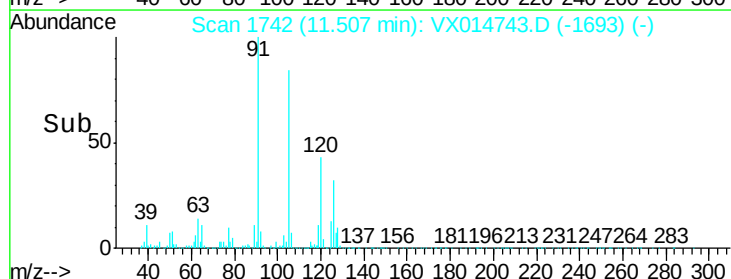
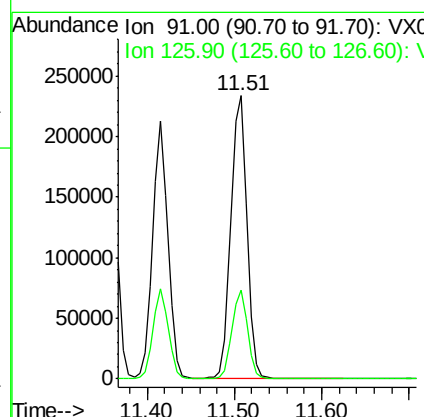
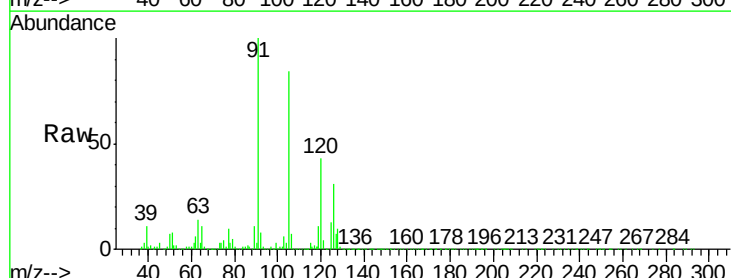
Manual Integrations
APPROVED

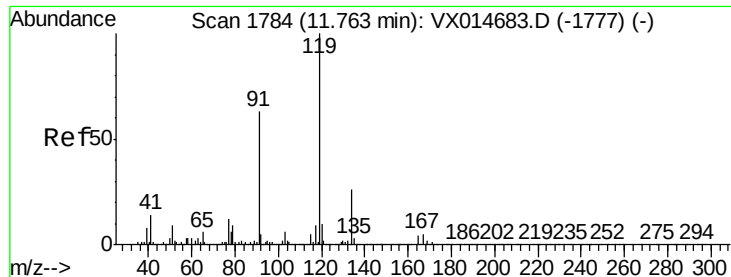
MMDadoda
1/29/2020 10:55:36 AM



#82
4-Chlorotoluene
Concen: 19.079 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.4





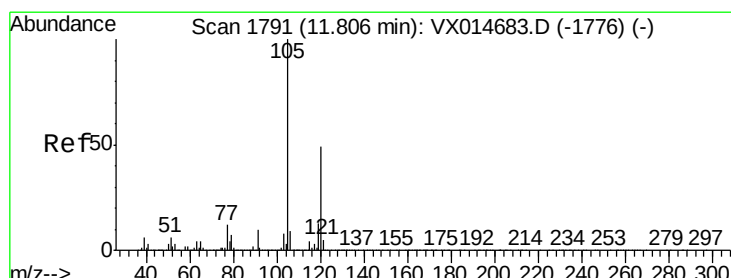
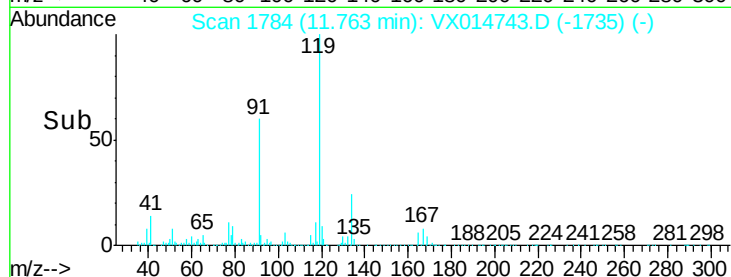
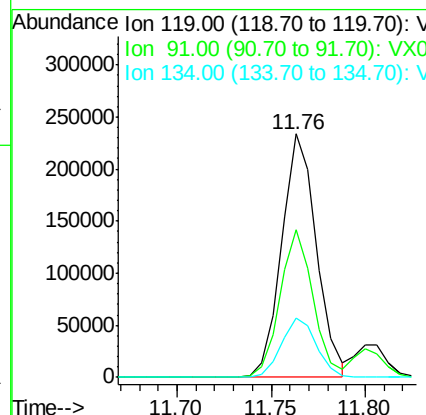
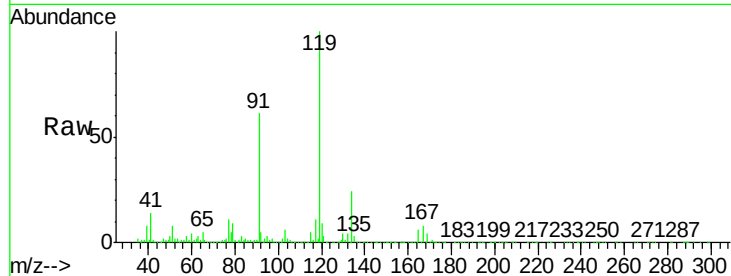
#83
tert-Butylbenzene
Concen: 19.170 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	297888		
91	57.8		30.0	90.0
134	24.7		12.7	38.0

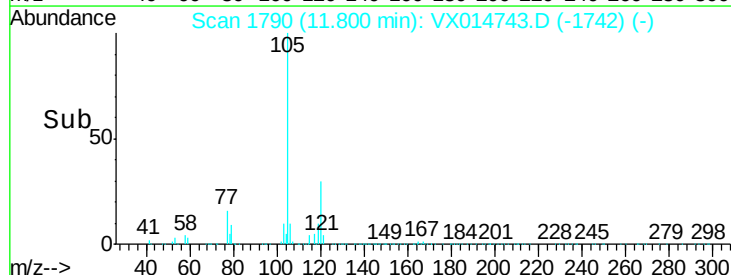
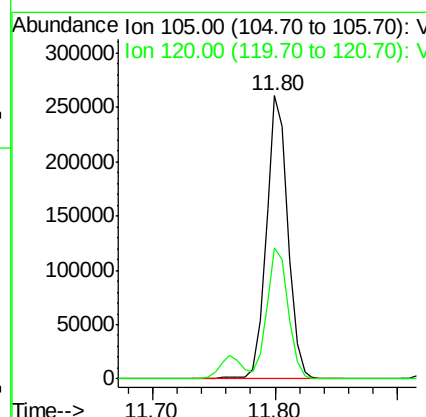
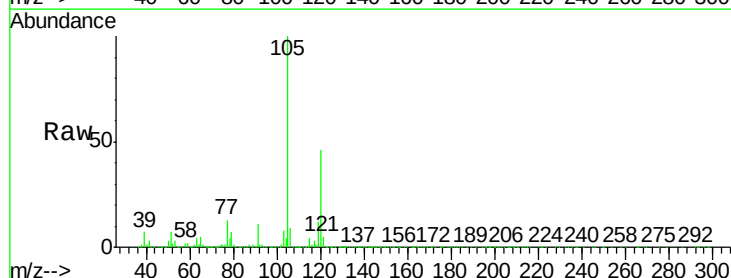
Manual Integrations
APPROVED

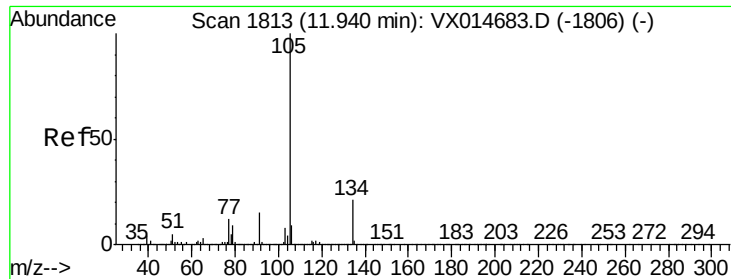
MMDadoda
1/29/2020 10:55:36 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.142 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	317509		
120	45.9		23.4	70.0





#85

sec-Butylbenzene

Concen: 19.142 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBSD01

Tot Ion:105 Resp: 364402

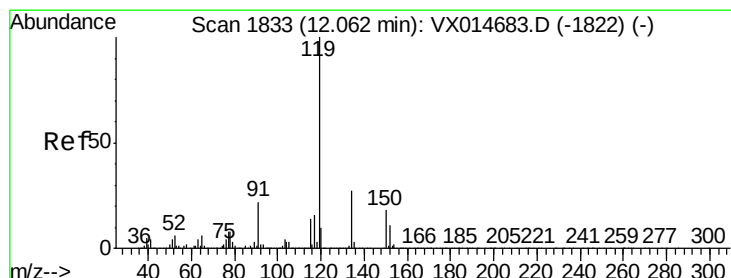
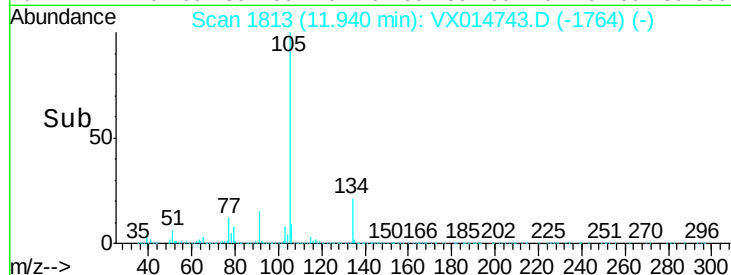
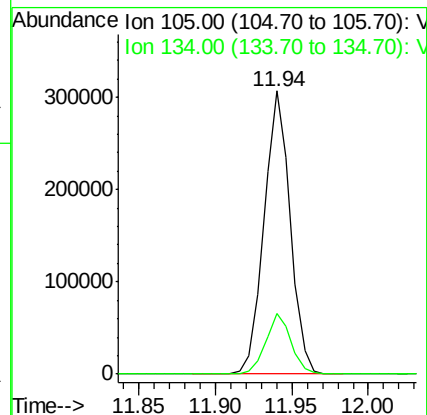
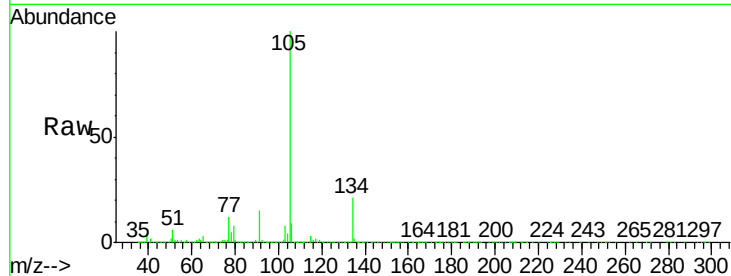
Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#86

p-Isopropyltoluene

Concen: 18.963 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

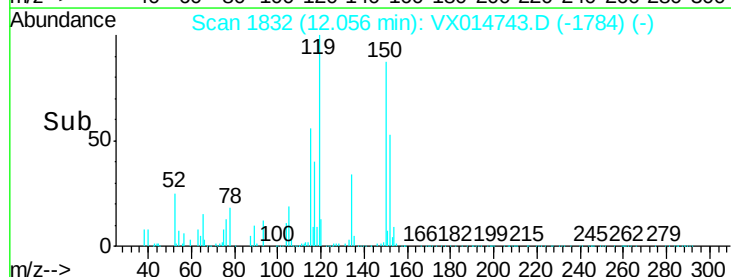
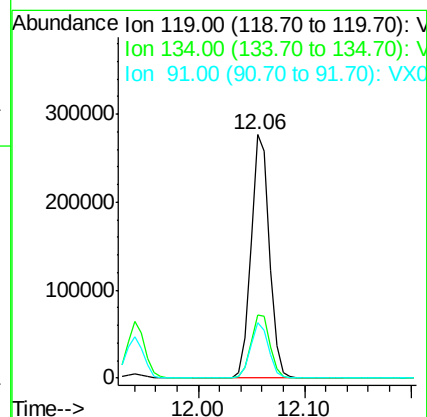
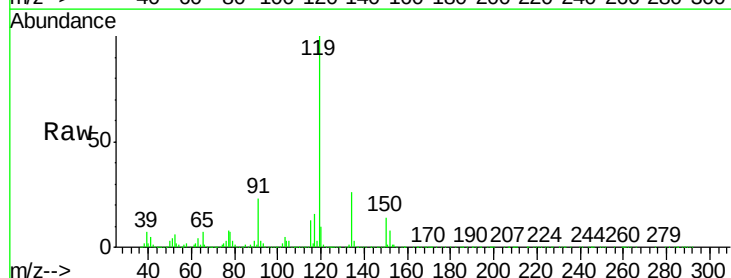
Tgt Ion:119 Resp: 333614

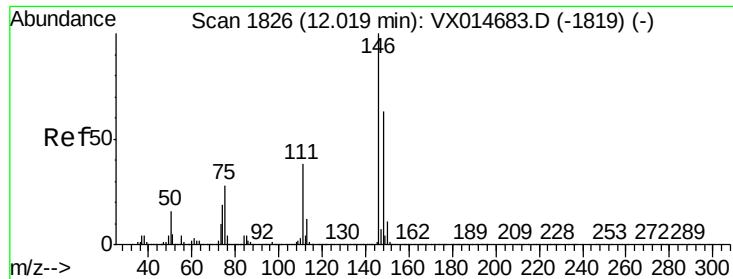
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.379 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

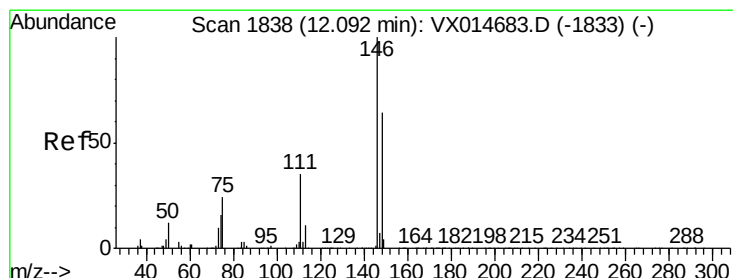
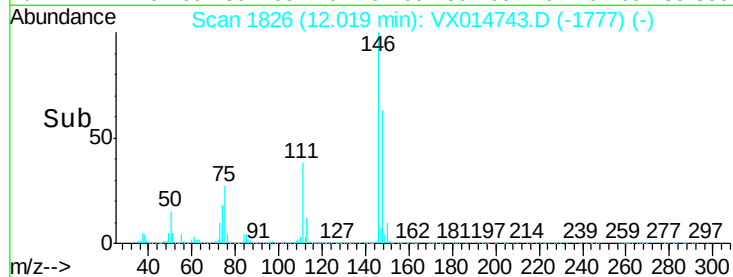
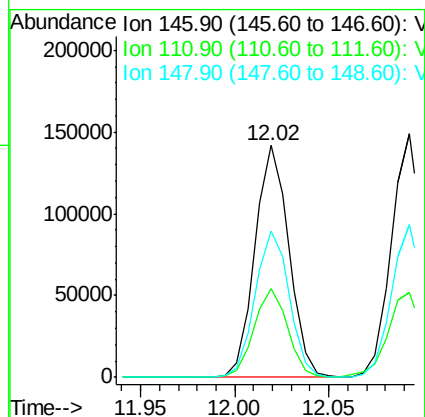
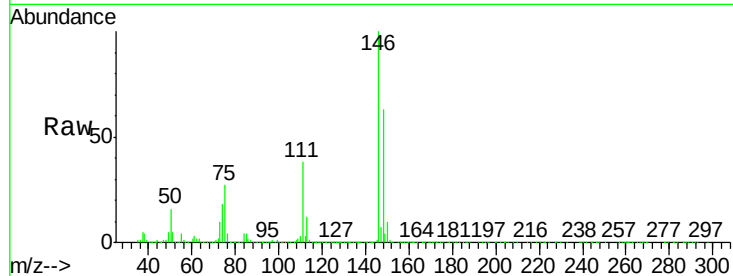
Instrument :
MSVOA_X

ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.7	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#88

1,4-Dichlorobenzene

Concen: 18.565 ug/l

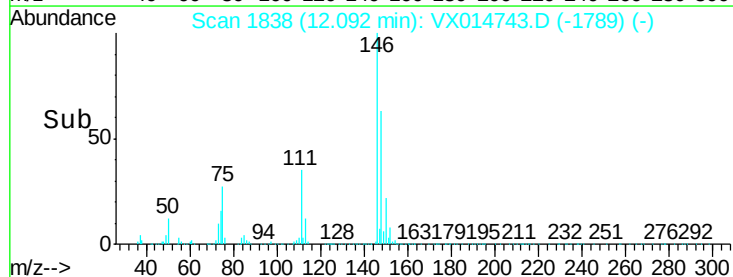
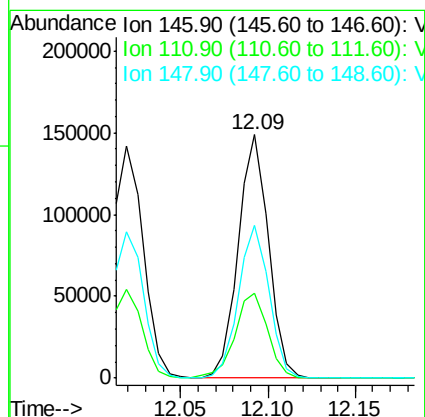
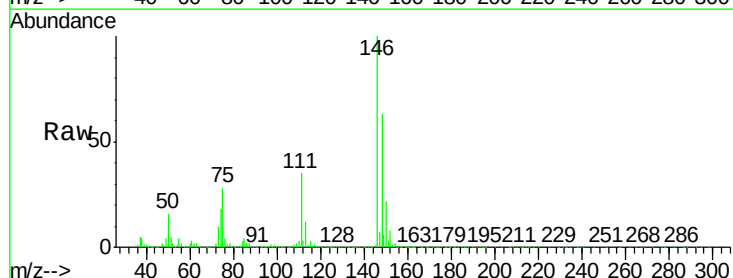
RT: 12.09 min Scan# 1838

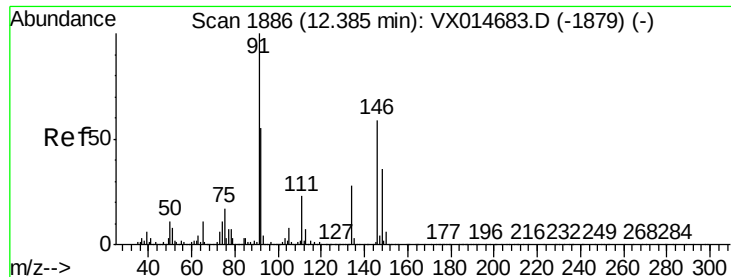
Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.5	32.0	96.2





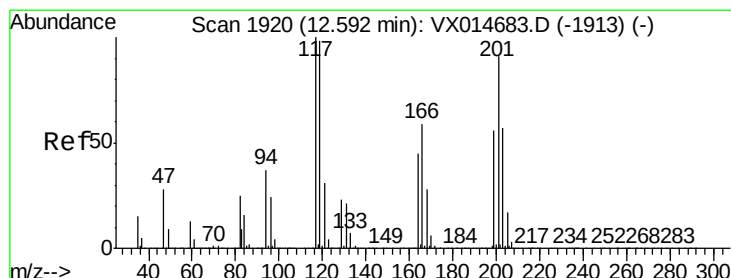
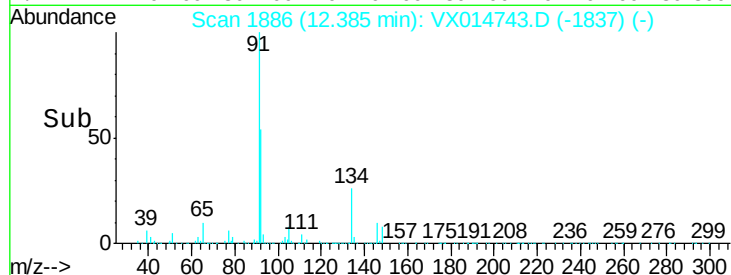
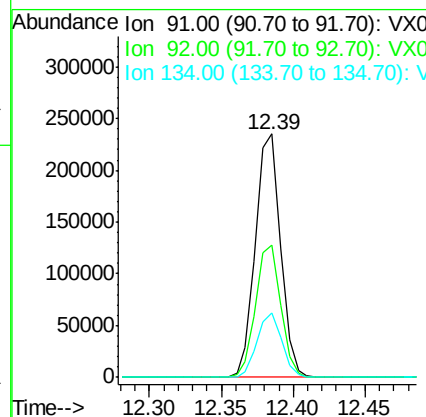
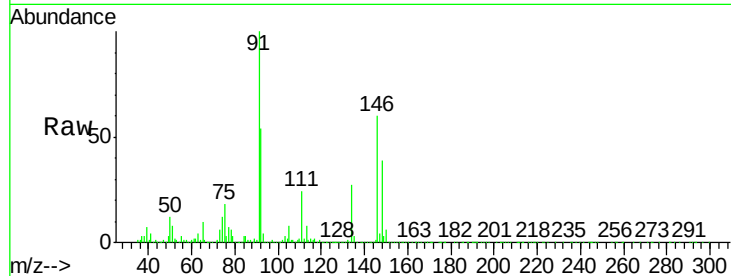
#89
n-Butylbenzene
Concen: 18.474 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	26.3	13.3	39.8

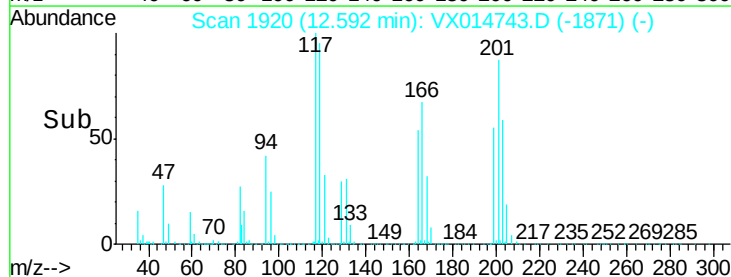
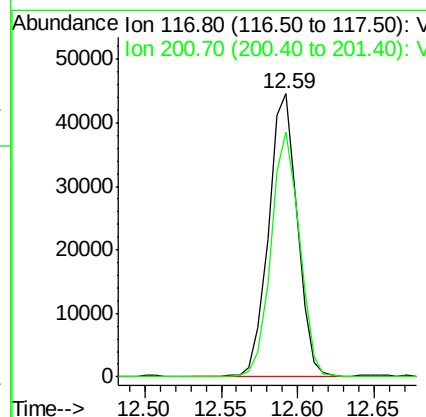
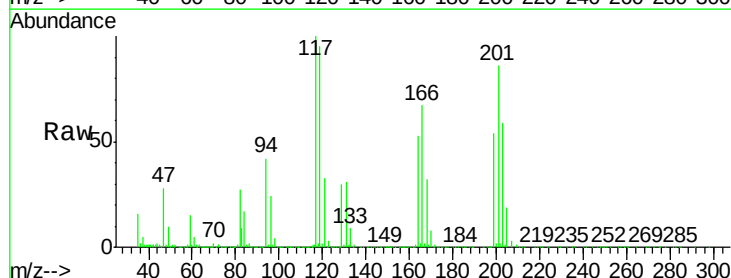
Manual Integrations
APPROVED

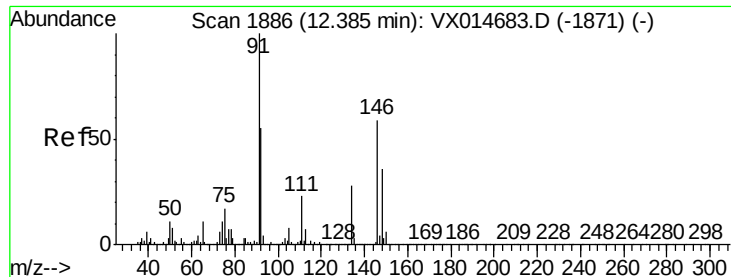
MMDadoda
1/29/2020 10:55:36 AM



#90
Hexachloroethane
Concen: 17.908 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014743.D
Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	44.4	133.1





#91

1,2-Dichlorobenzene

Concen: 18.810 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

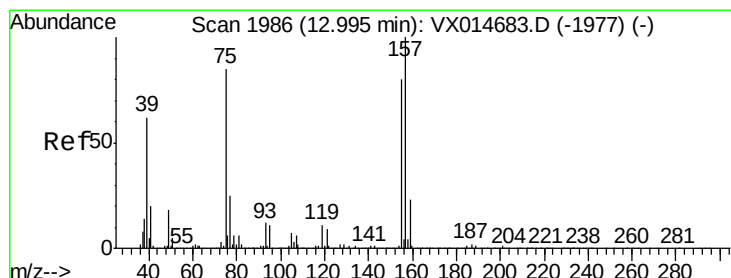
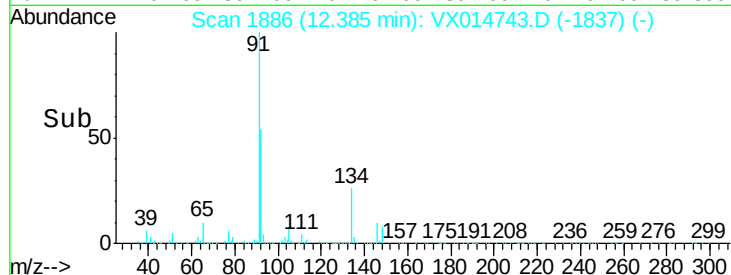
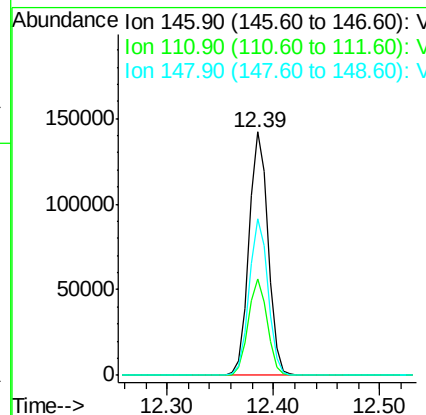
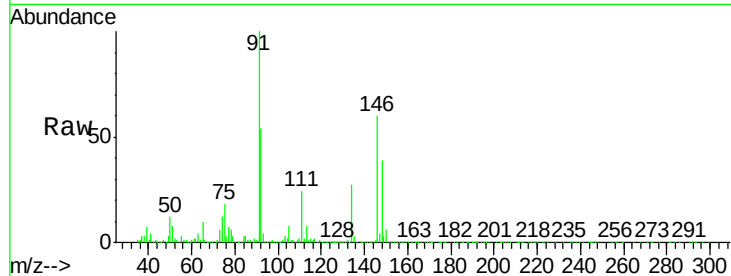
ClientSampleId :

VX0128WBSD01

Tot Ion:	146	Resp:	179724
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.6	58.8
148	63.6	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.242 ug/l

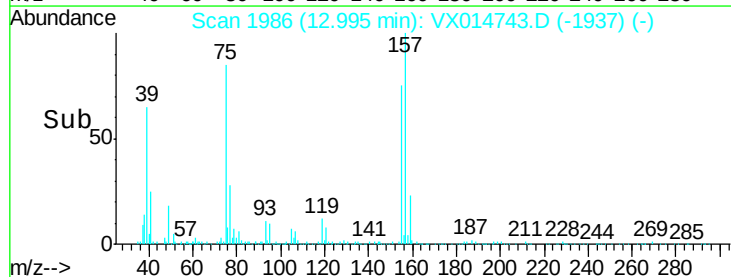
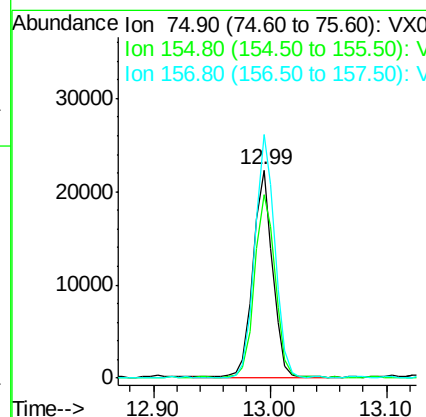
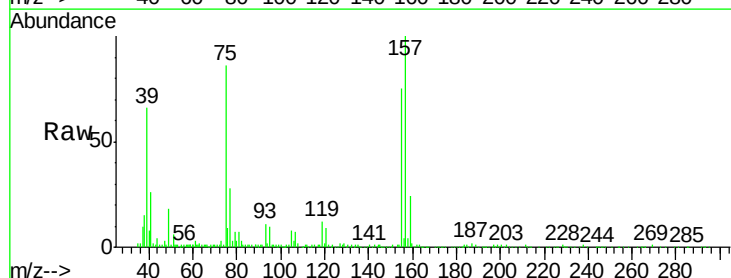
RT: 12.99 min Scan# 1986

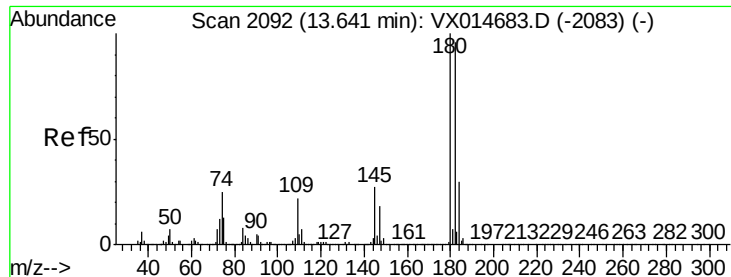
Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	75	Resp:	26354
Ion Ratio	Lower	Upper	
75	100		
155	93.3	45.6	136.9
157	119.5	60.3	180.9





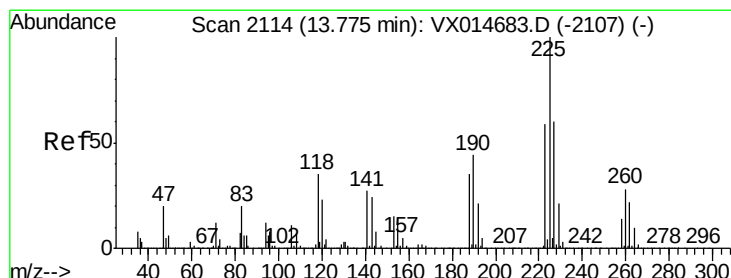
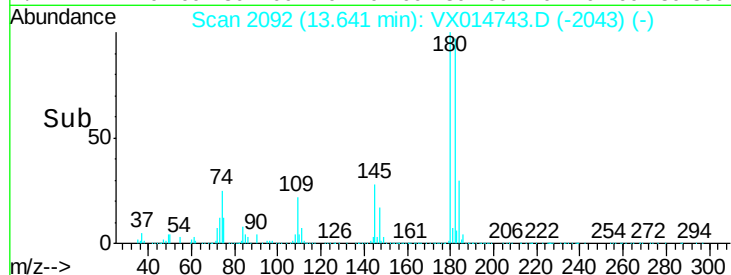
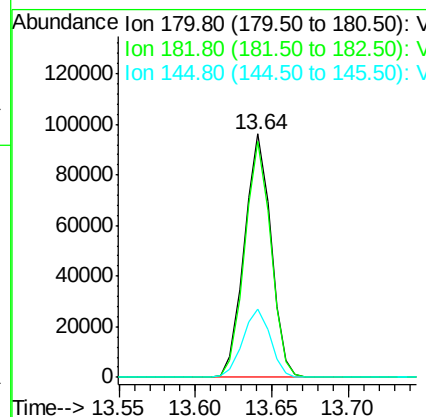
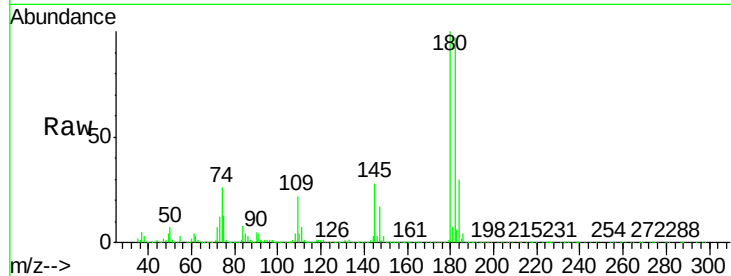
#93
 1,2,4-Trichlorobenzene
 Concen: 18.787 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	115728		
182	95.7	48.5	145.6	
145	28.9	14.0	41.9	

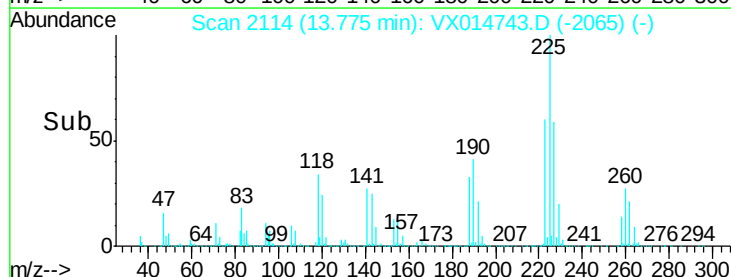
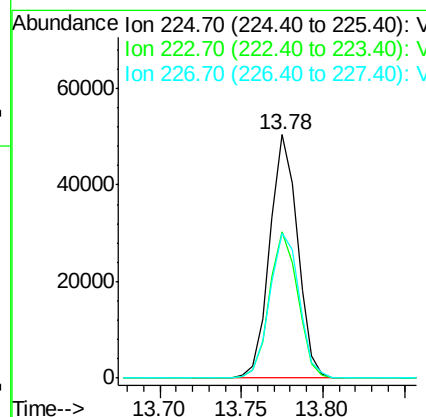
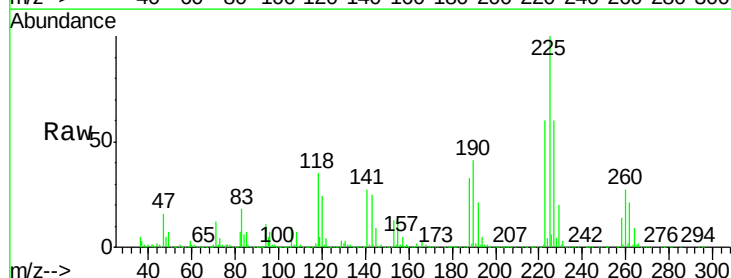
Manual Integrations
 APPROVED

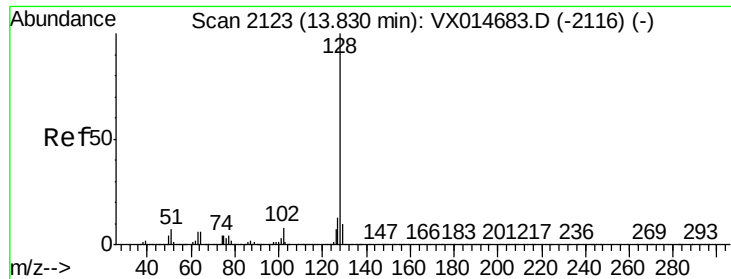
MMDadoda
 1/29/2020 10:55:36 AM



#94
 Hexachlorobutadiene
 Concen: 18.841 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014743.D
 Acq: 28 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59736		
223	61.7	30.6	91.8	
227	63.7	31.4	94.0	





#95

Naphthalene

Concen: 17.255 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Instrument :

MSVOA_X

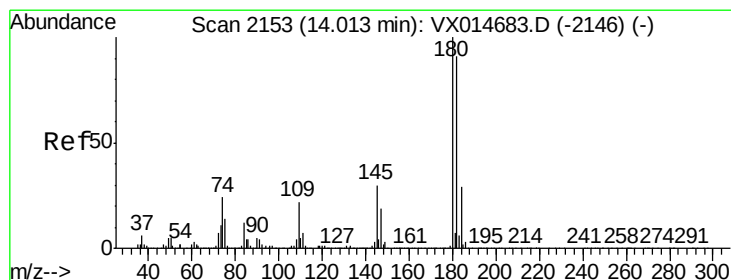
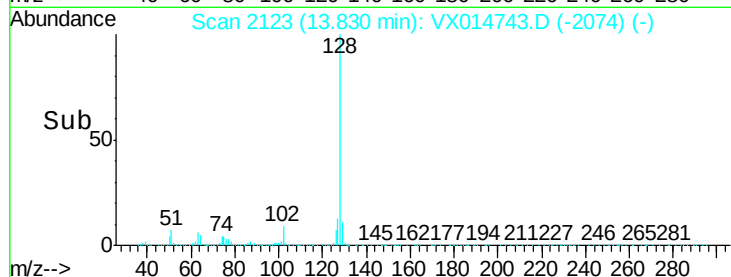
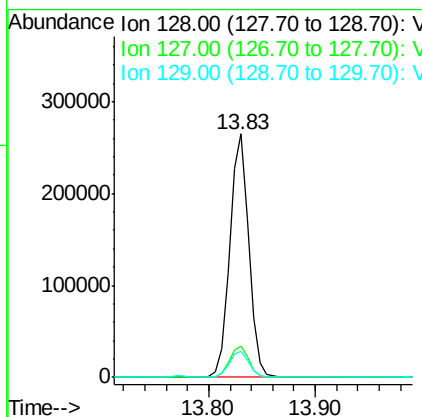
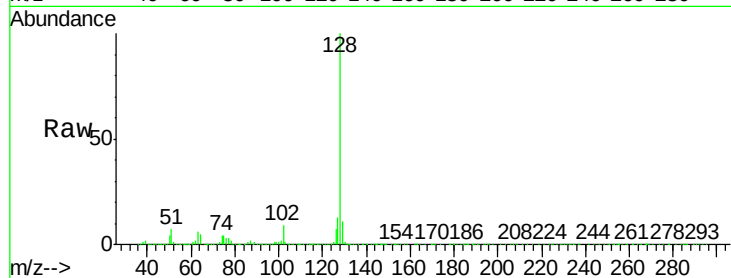
ClientSampled :

VX0128WBSD01

Tot Ion:	128	Resp:	330410
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:36 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.129 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014743.D

Acq: 28 Jan 2020 11:54

Tgt Ion:	180	Resp:	119145
Ion Ratio	Lower	Upper	
180	100		
182	95.7	46.6	139.7
145	31.0	14.7	44.1

