

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014382.D
 Acq On : 31 Dec 2019 16:03
 Operator : JC/SP
 Sample : K6464-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MSD

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:37 AM

Quant Time: Jan 01 04:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	708056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	632455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	301770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	273684	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
35) Dibromofluoromethane	5.49	113	232550	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	
50) Toluene-d8	8.71	98	862560	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.13	95	298883	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	173459	42.827	ug/l	99
3) Chloromethane	1.32	50	255916	47.083	ug/l	99
4) Vinyl Chloride	1.40	62	269497	46.988	ug/l	98
5) Bromomethane	1.63	94	188735	46.364	ug/l	100
6) Chloroethane	1.71	64	198235	56.001	ug/l	96
7) Trichlorofluoromethane	1.92	101	363730	51.230	ug/l	97
8) Diethyl Ether	2.18	74	171476	51.462	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212995	49.768	ug/l	98
10) Methyl Iodide	2.50	142	277337	49.183	ug/l	99
11) Tert butyl alcohol	3.03	59	323111	291.433	ug/l	99
12) 1,1-Dichloroethene	2.36	96	218651	50.208	ug/l	98
13) Acrolein	2.28	56	188077	296.346	ug/l	97
14) Allyl chloride	2.72	41	415859	53.482	ug/l	98
15) Acrylonitrile	3.13	53	752378	290.742	ug/l	100
16) Acetone	2.43	43	632106	189.757	ug/l	99
17) Carbon Disulfide	2.56	76	510226	42.319	ug/l	98
18) Methyl Acetate	2.76	43	390379	59.141	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	814355	56.906	ug/l	97
20) Methylene Chloride	2.84	84	261396	49.831	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	232473	48.454	ug/l	99
22) Diisopropyl ether	3.84	45	880530	56.827	ug/l	98
23) Vinyl Acetate	3.80	43	3765880	297.823	ug/l	99
24) 1,1-Dichloroethane	3.69	63	456016	52.898	ug/l	99
25) 2-Butanone	4.66	43	1062348	258.674	ug/l	99
26) 2,2-Dichloropropane	4.58	77	340857	50.925	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	283991	52.338	ug/l	99
28) Bromochloromethane	5.00	49	181719	54.767	ug/l	98
29) Tetrahydrofuran	5.11	42	685252	298.312	ug/l	100
30) Chloroform	5.20	83	450749	55.156	ug/l	99
31) Cyclohexane	5.57	56	386321	50.386	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	371120	53.284	ug/l	99
36) 1,1-Dichloropropene	5.79	75	317616	48.888	ug/l	99
37) Ethyl Acetate	4.82	43	413670	57.660	ug/l	99
38) Carbon Tetrachloride	5.78	117	307934	52.029	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123119\
 Data File : VX014382.D
 Acq On : 31 Dec 2019 16:03
 Operator : JC/SP
 Sample : K6464-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MSD

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:37 AM

Quant Time: Jan 01 04:46:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	375459	46.804	ug/l	97
40) Benzene	6.14	78	1021003	51.076	ug/l	99
41) Methacrylonitrile	5.03	41	227942	57.262	ug/l	98
42) 1,2-Dichloroethane	6.18	62	354844	52.367	ug/l	100
43) Isopropyl Acetate	6.43	43	685977	57.776	ug/l	100
44) Trichloroethene	7.20	130	268171	48.569	ug/l	100
45) 1,2-Dichloropropane	7.51	63	275260	53.724	ug/l	99
46) Dibromomethane	7.65	93	174480	51.507	ug/l	100
47) Bromodichloromethane	7.89	83	349715	54.816	ug/l	97
48) Methyl methacrylate	7.76	41	331420	57.004	ug/l	99
49) 1,4-Dioxane	7.73	88	128107	1082.759	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2165439	290.408	ug/l	99
52) Toluene	8.78	92	633048	50.103	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	382395	54.663	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	426135	54.679	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	274326	54.172	ug/l	99
56) Ethyl methacrylate	9.17	69	444506	55.880	ug/l	100
57) 1,3-Dichloropropane	9.37	76	457856	53.738	ug/l	99
59) 2-Hexanone	9.48	43	1634678	272.331	ug/l	99
60) Dibromochloromethane	9.57	129	282842	56.190	ug/l	100
61) 1,2-Dibromoethane	9.67	107	279453	53.935	ug/l	99
64) Tetrachloroethene	9.33	164	242636	43.355	ug/l	99
65) Chlorobenzene	10.14	112	682473	50.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	261840	54.532	ug/l	100
67) Ethyl Benzene	10.25	91	1201035	51.949	ug/l	100
68) m/p-Xylenes	10.35	106	909135	102.241	ug/l	100
69) o-Xylene	10.70	106	451439	51.765	ug/l	100
70) Styrene	10.71	104	751781	50.979	ug/l	99
71) Bromoform	10.85	173	214914	55.683	ug/l	100
73) Isopropylbenzene	11.01	105	1186875	55.861	ug/l	100
74) N-amyl acetate	10.89	43	592759	59.518	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	433979	58.915	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	348046m	53.126	ug/l	
77) Bromobenzene	11.25	156	306463	52.424	ug/l	99
78) n-propylbenzene	11.35	91	1315472	55.197	ug/l	100
79) 2-Chlorotoluene	11.42	91	783274	54.067	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	977021	54.639	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	139247	59.992	ug/l	99
82) 4-Chlorotoluene	11.51	91	889640	52.941	ug/l	99
83) tert-Butylbenzene	11.76	119	988372	56.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	978879	54.664	ug/l	100
85) sec-Butylbenzene	11.94	105	1121511	54.593	ug/l	100
86) p-Isopropyltoluene	12.06	119	1031046	54.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	524654	51.209	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	521573	50.067	ug/l	100
89) n-Butylbenzene	12.39	91	857917	53.506	ug/l	99
90) Hexachloroethane	12.59	117	184310	54.606	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	541752	52.528	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91087	55.879	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	342974	51.164	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
Data File : VX014382.D
Acq On : 31 Dec 2019 16:03
Operator : JC/SP
Sample : K6464-05MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

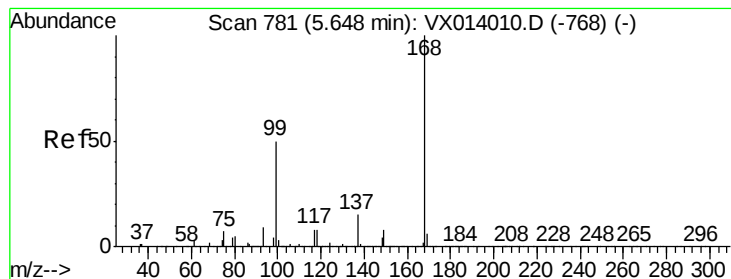
Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM

Quant Time: Jan 01 04:46:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	162533	50.450	ug/l	96
95) Naphthalene	13.83	128	1121729	56.955	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	359954	54.396	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion:168 Resp: 452727

Ion Ratio Lower Upper

168 100

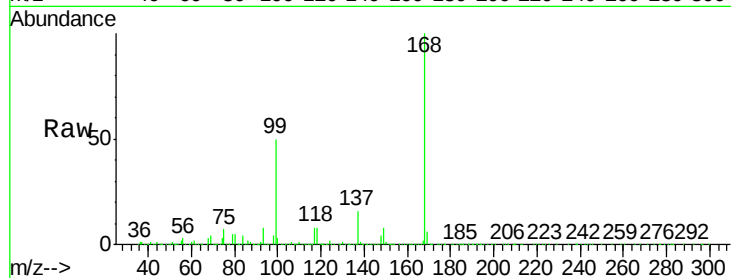
99 50.3 40.3 60.5

Manual Integrations

APPROVED

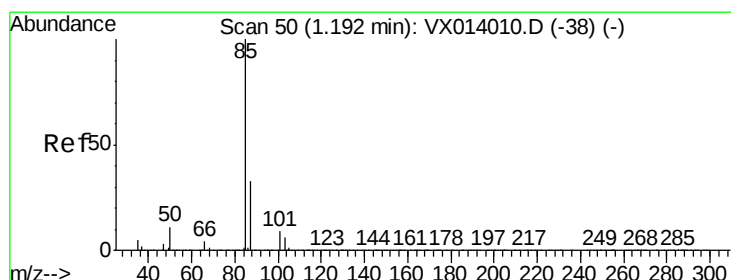
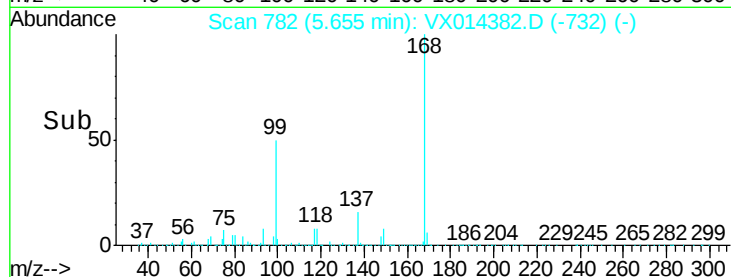
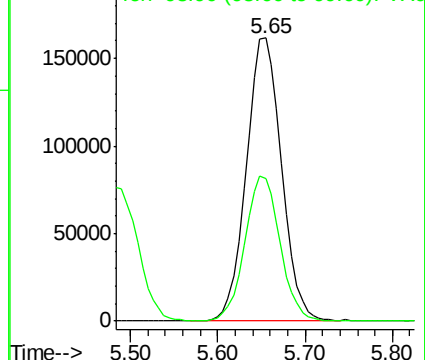
apatel

1/2/2020 9:54:37 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.827 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014382.D

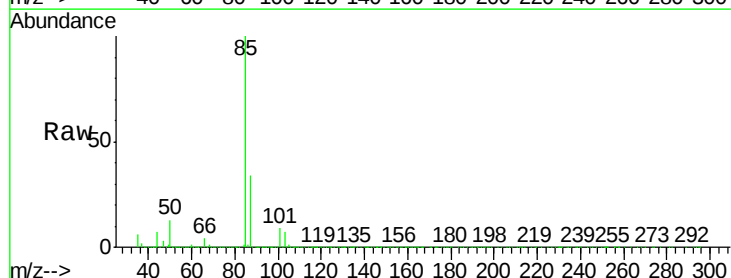
Acq: 31 Dec 2019 16:03

Tgt Ion: 85 Resp: 173459

Ion Ratio Lower Upper

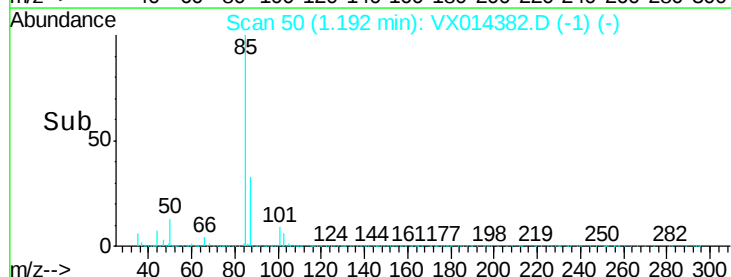
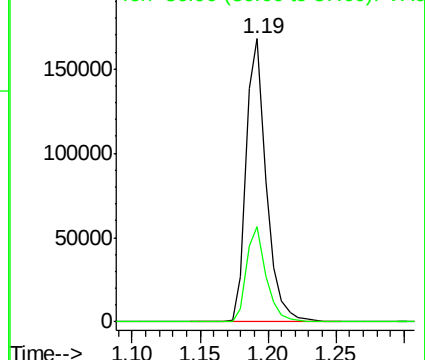
85 100

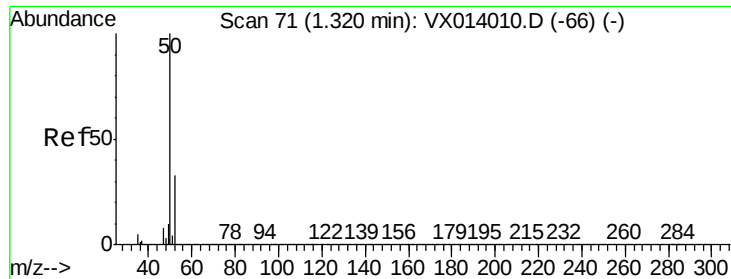
87 33.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.083 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 50 Resp: 255916

Ion Ratio Lower Upper

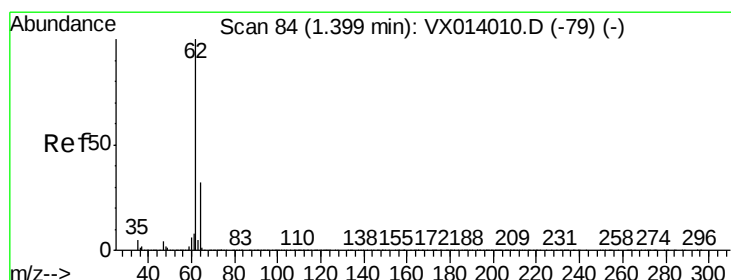
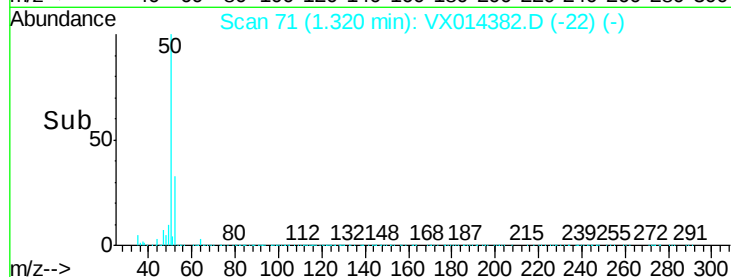
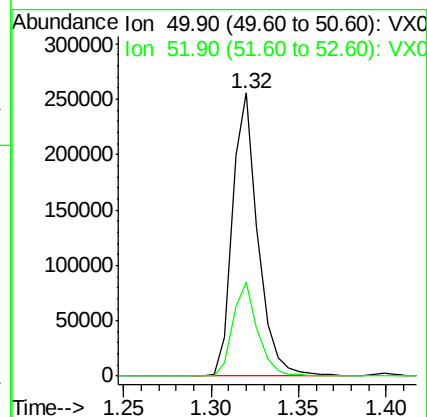
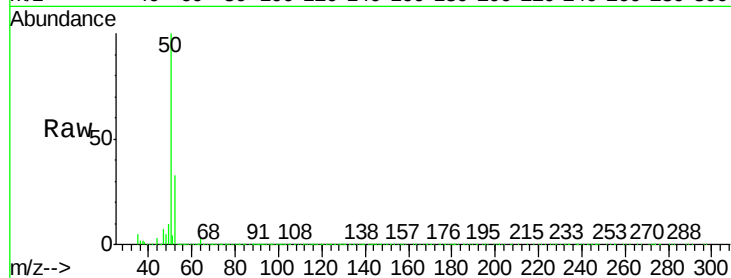
50 100

52 33.1 26.2 39.4

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:37 AM



#4

Vinyl Chloride

Concen: 46.988 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014382.D

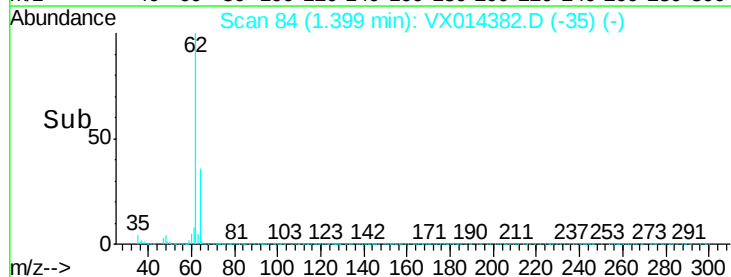
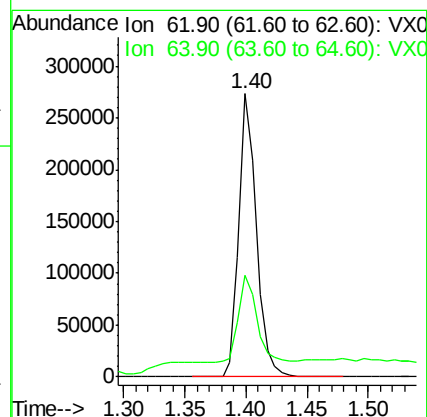
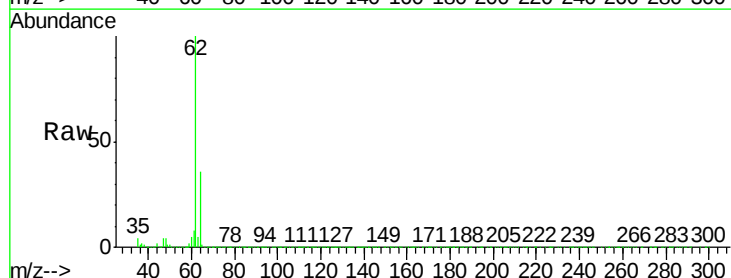
Acq: 31 Dec 2019 16:03

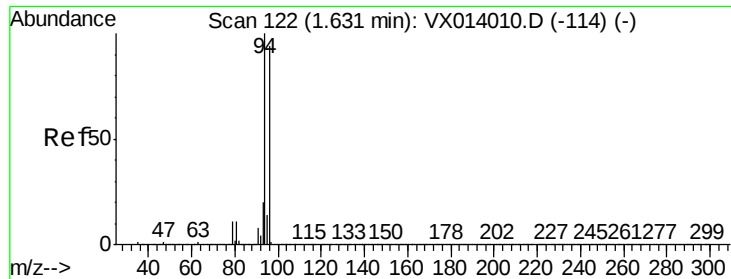
Tgt Ion: 62 Resp: 269497

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 46.364 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 94 Resp: 188735

Ion Ratio Lower Upper

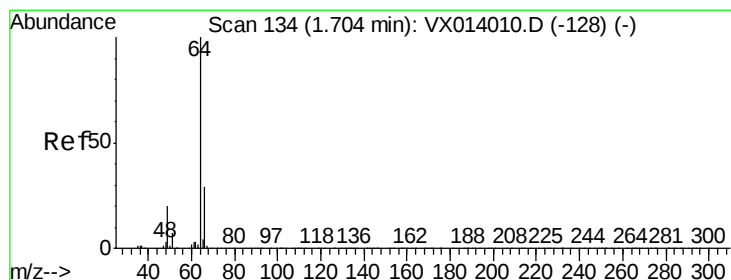
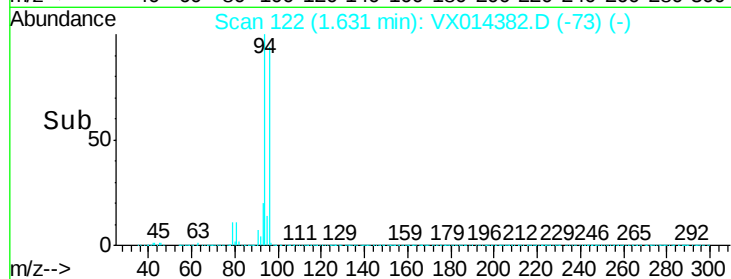
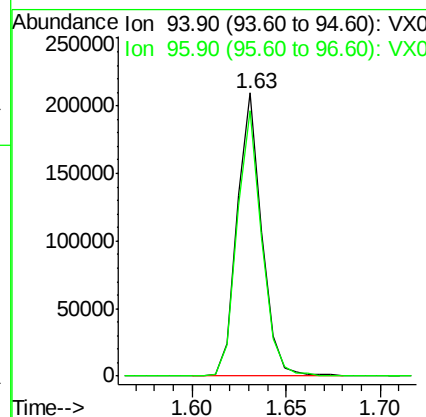
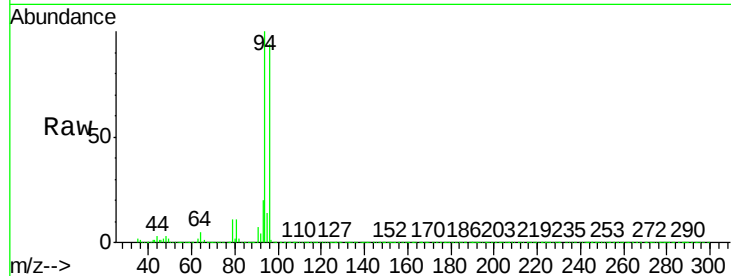
94 100

96 93.7 75.2 112.8

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:37 AM



#6

Chloroethane

Concen: 56.001 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014382.D

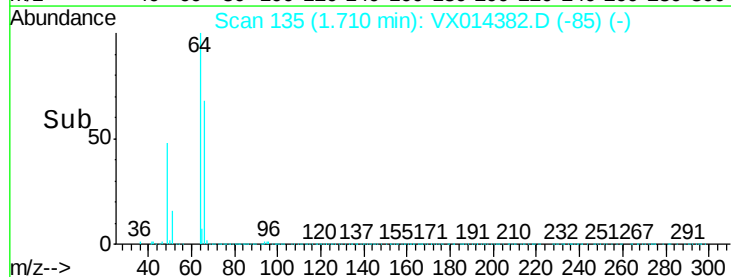
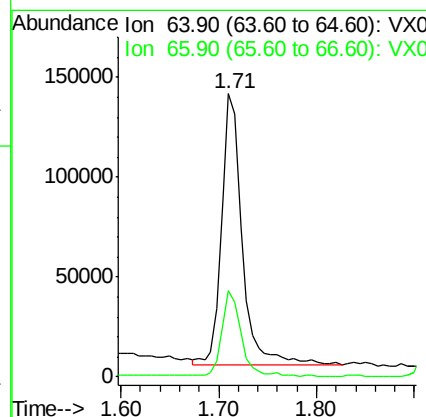
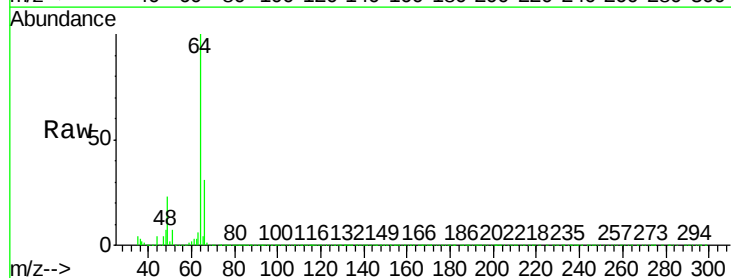
Acq: 31 Dec 2019 16:03

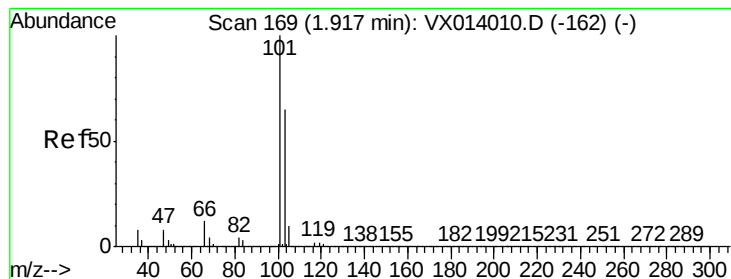
Tgt Ion: 64 Resp: 198235

Ion Ratio Lower Upper

64 100

66 31.6 23.4 35.2





#7

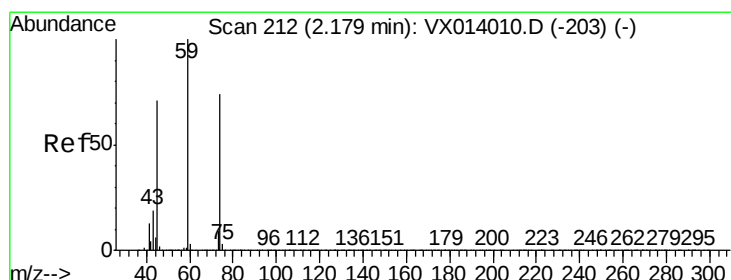
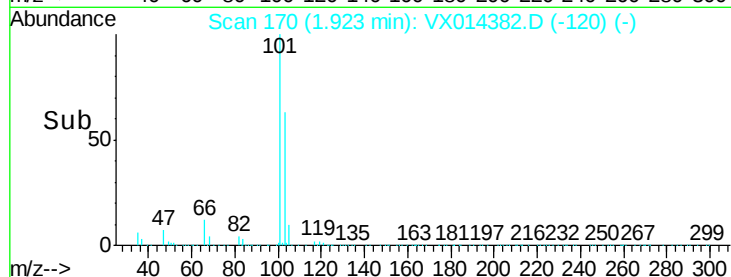
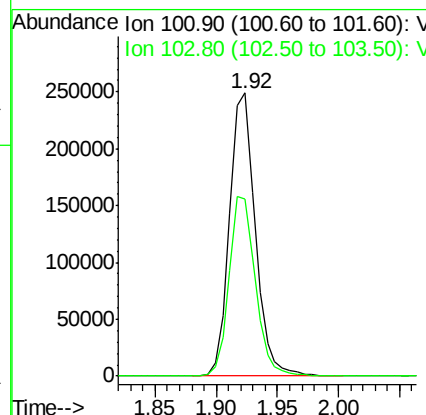
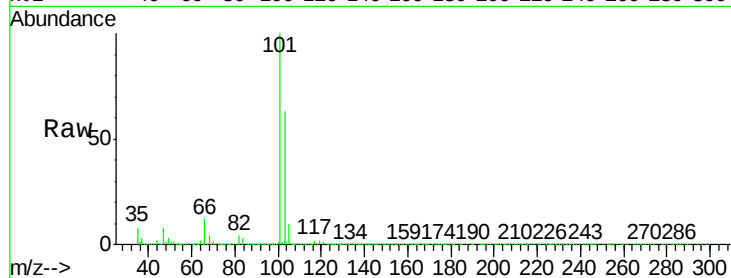
Trichlorofluoromethane
Concen: 51.230 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	52.2	78.4

Manual Integrations
APPROVED

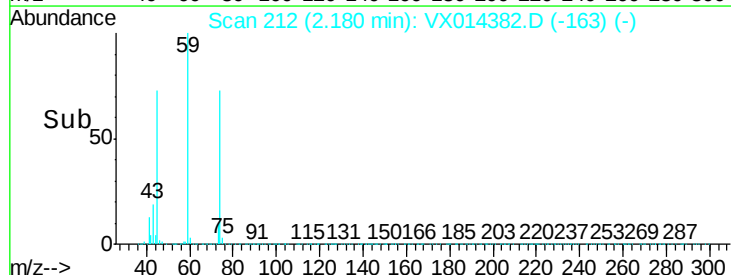
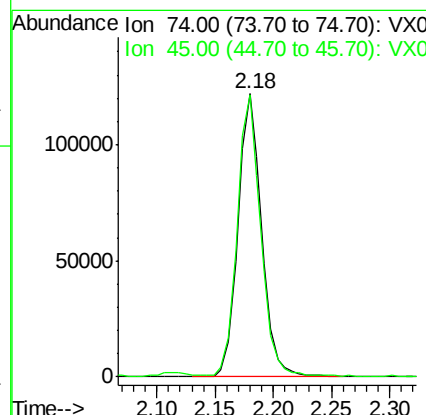
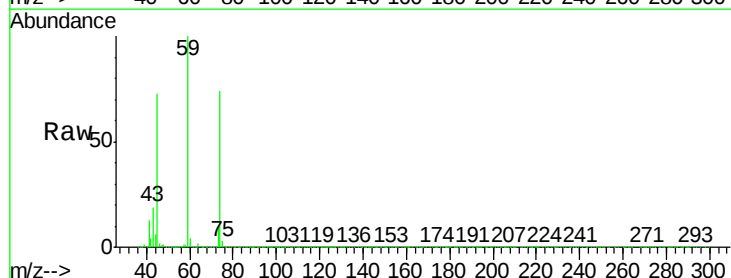
apatel
1/2/2020 9:54:37 AM

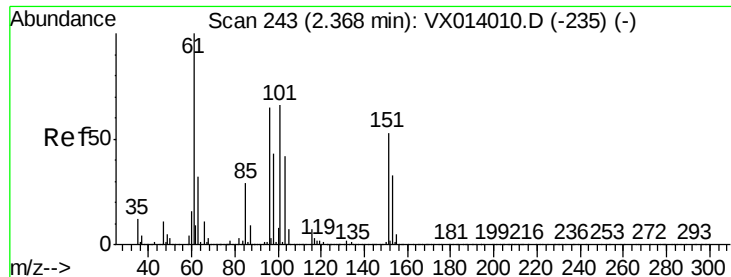


#8

Diethyl Ether
Concen: 51.462 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.768 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

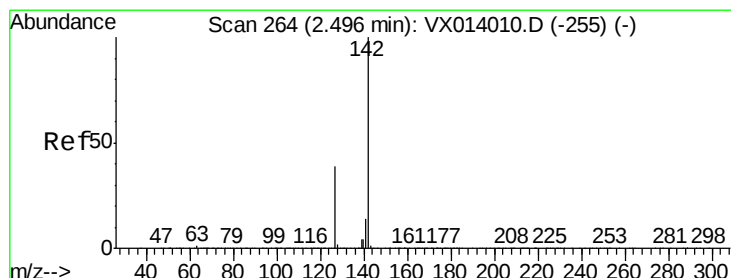
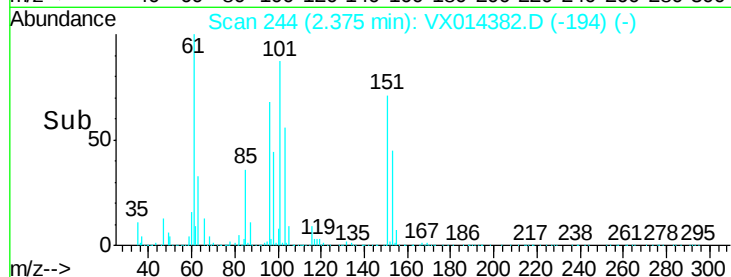
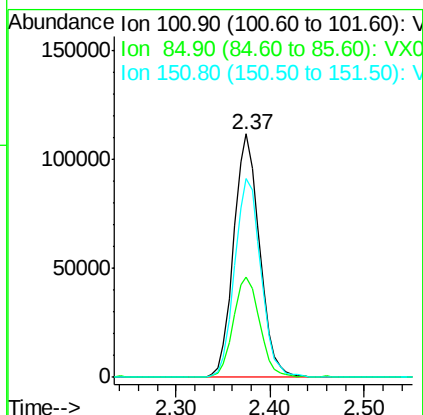
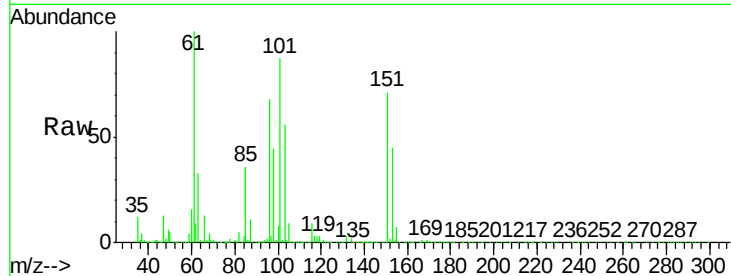
ClientSampled :

GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	212995		
85	42.1	33.7	50.5	
151	83.3	64.5	96.7	

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#10

Methyl Iodide

Concen: 49.183 ug/l

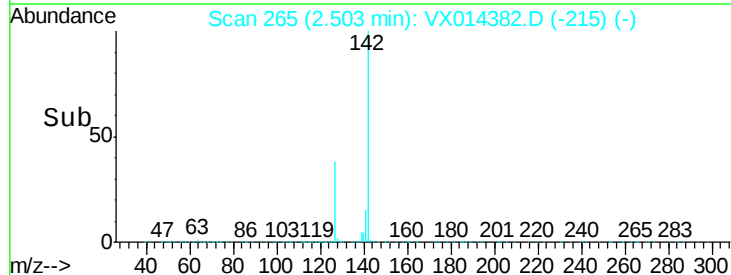
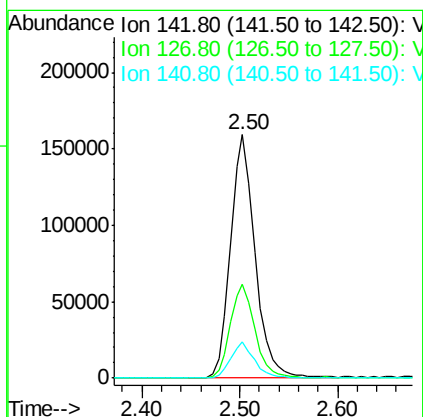
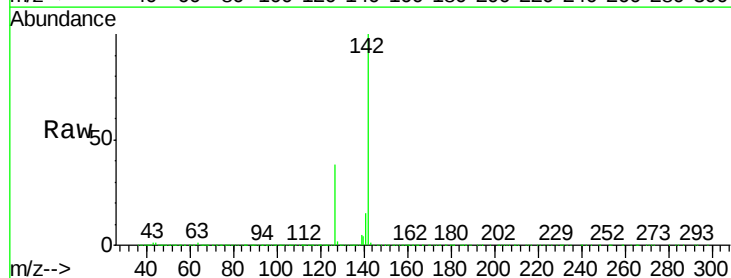
RT: 2.50 min Scan# 265

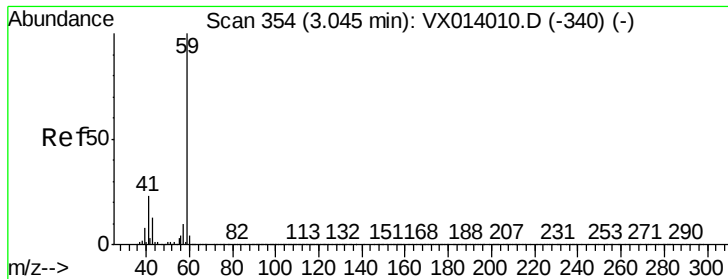
Delta R.T. 0.01 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	277337		
127	38.8	31.6	47.4	
141	14.3	11.6	17.4	





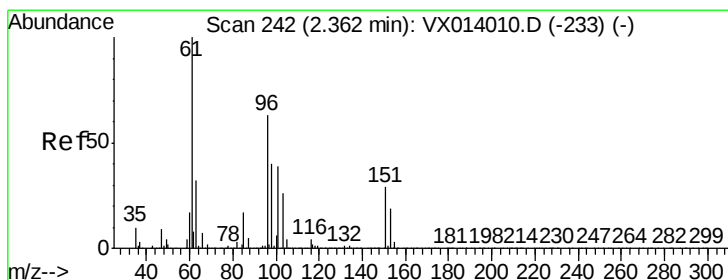
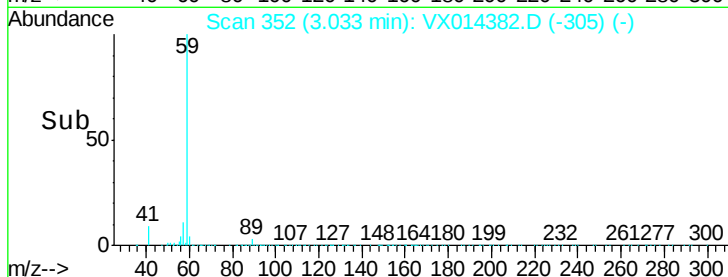
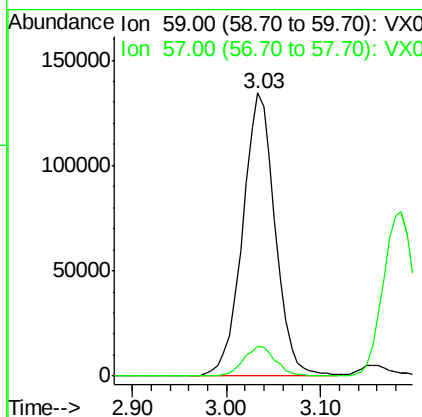
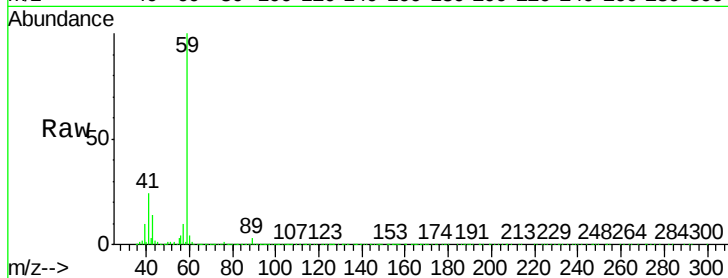
#11
Tert butyl alcohol
Concen: 291.433 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

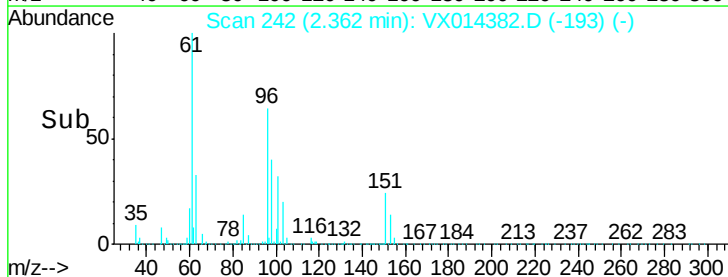
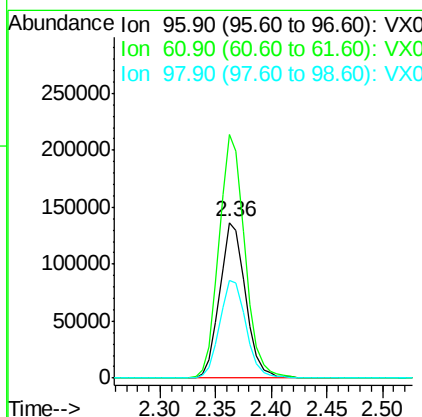
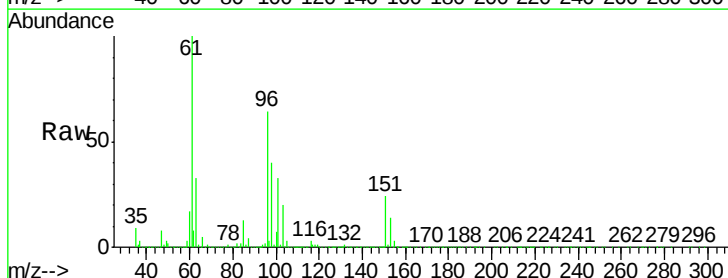
Manual Integrations
APPROVED

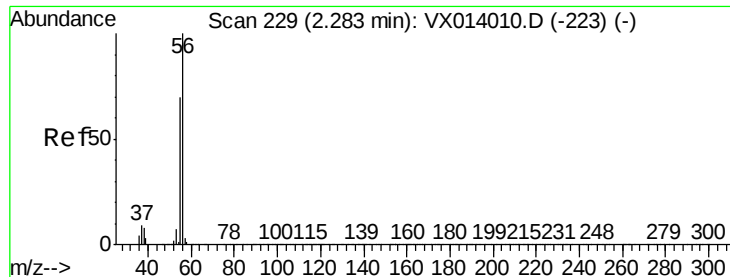
apatel
1/2/2020 9:54:37 AM



#12
1,1-Dichloroethene
Concen: 50.208 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.2	127.9	191.9
98	62.4	50.5	75.7





#13

Acrolein

Concen: 296.346 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 56 Resp: 188077

Ion Ratio Lower Upper

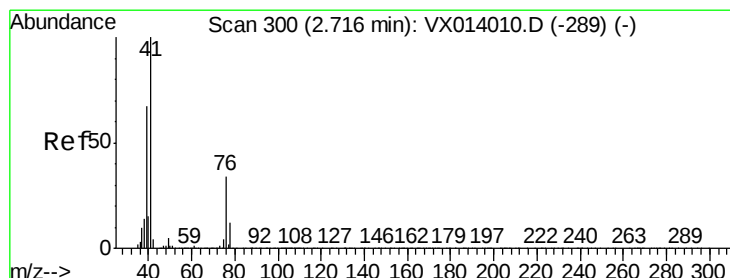
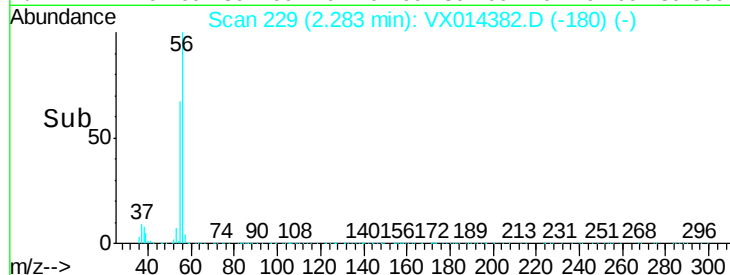
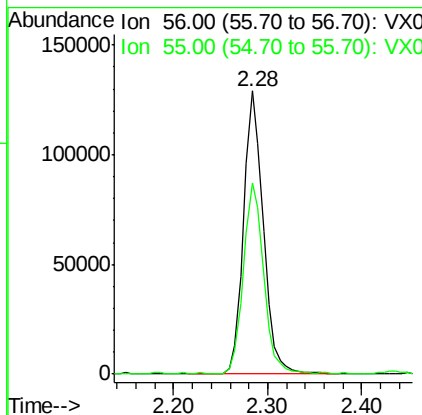
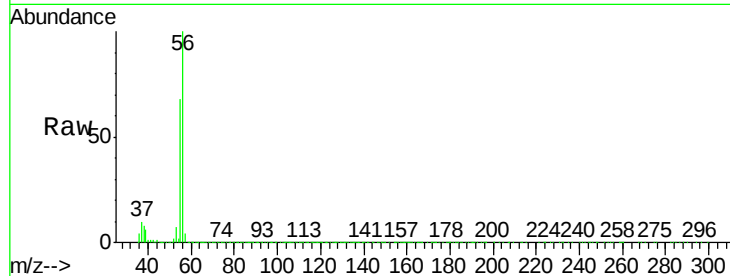
56 100

55 68.7 56.9 85.3

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:37 AM



#14

Allyl chloride

Concen: 53.482 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

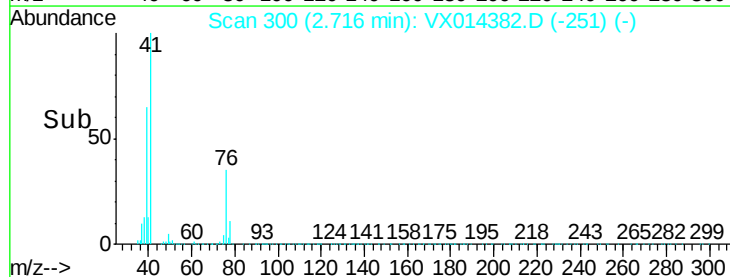
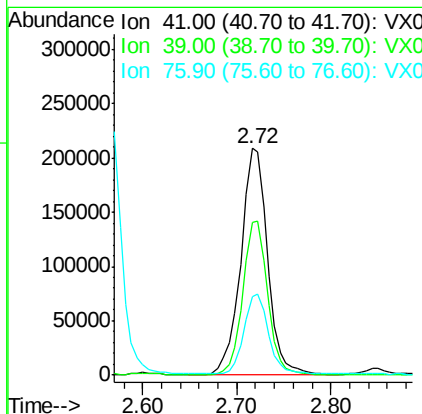
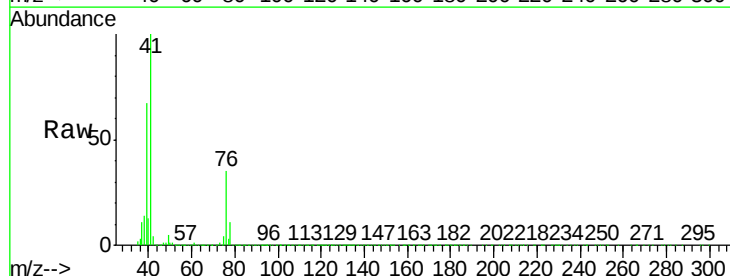
Tgt Ion: 41 Resp: 415859

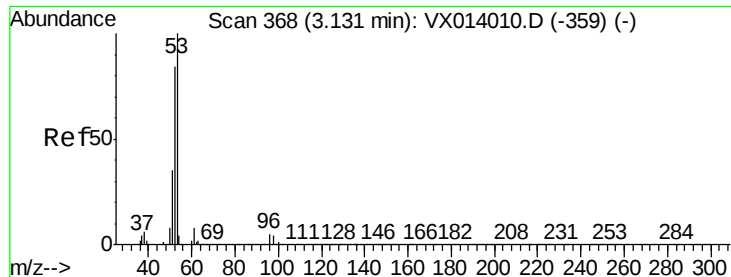
Ion Ratio Lower Upper

41 100

39 62.9 51.8 77.8

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 290.742 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

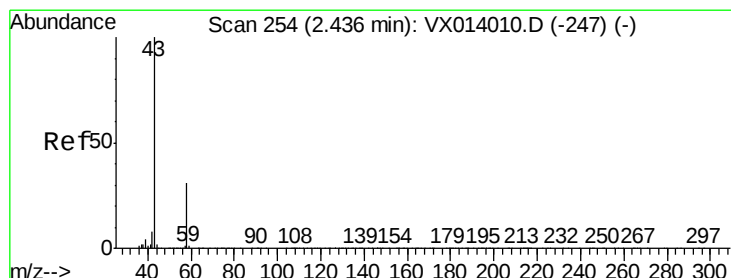
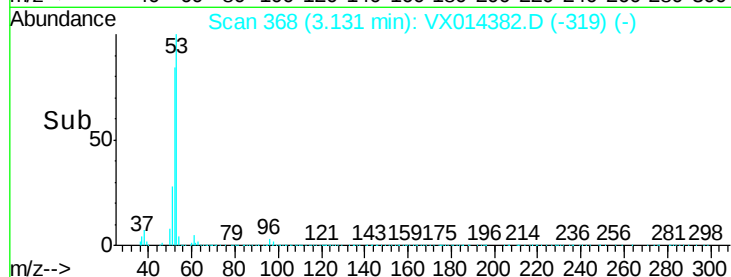
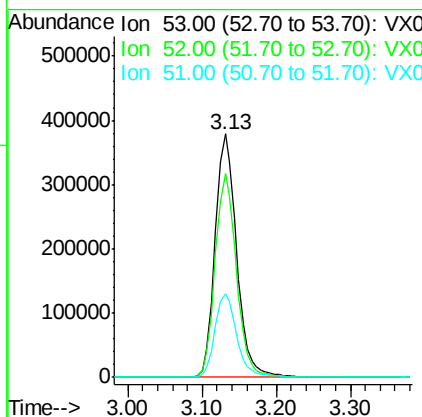
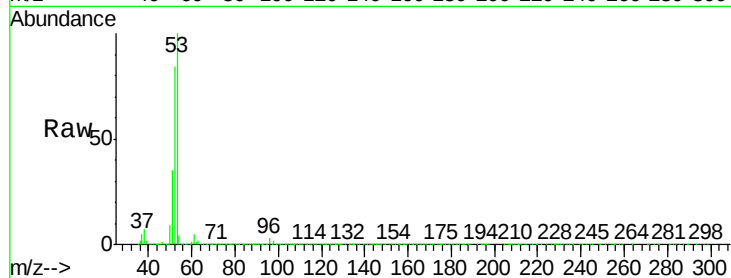
ClientSampleId :

GW-1MSD

Tot Ion:	53	Resp:	752378
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.5	99.7
51	35.3	28.1	42.1

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#16

Acetone

Concen: 189.757 ug/l

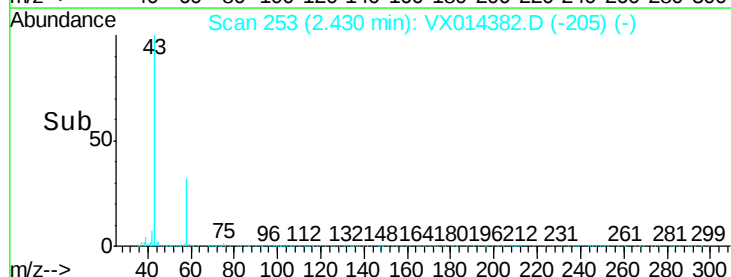
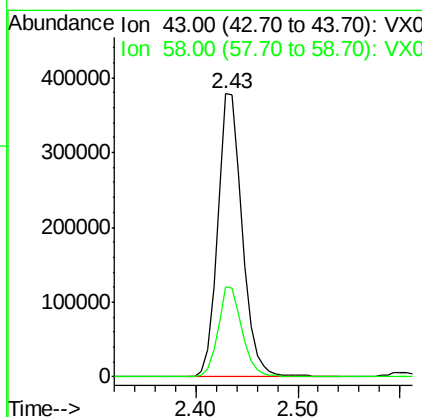
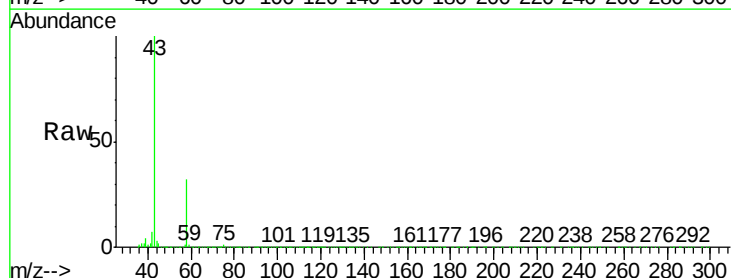
RT: 2.43 min Scan# 253

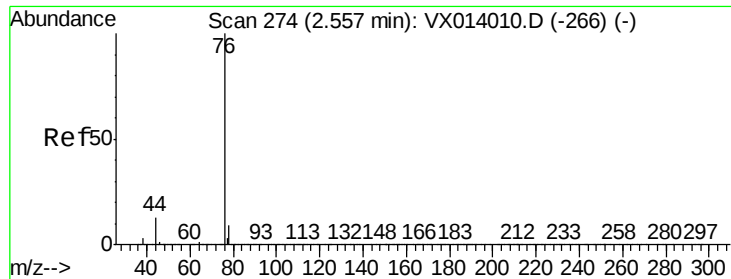
Delta R.T. -0.01 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion:	43	Resp:	632106
Ion Ratio	Lower	Upper	
43	100		
58	31.6	24.9	37.3





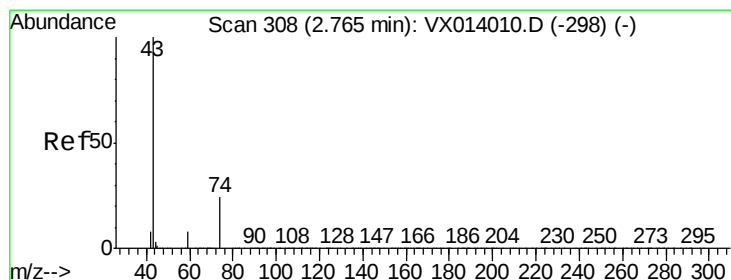
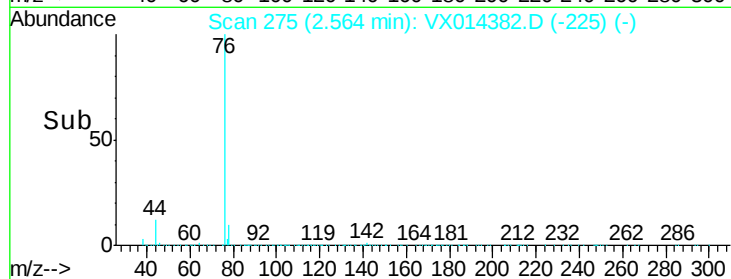
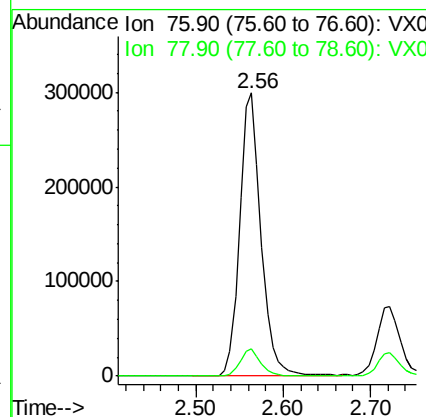
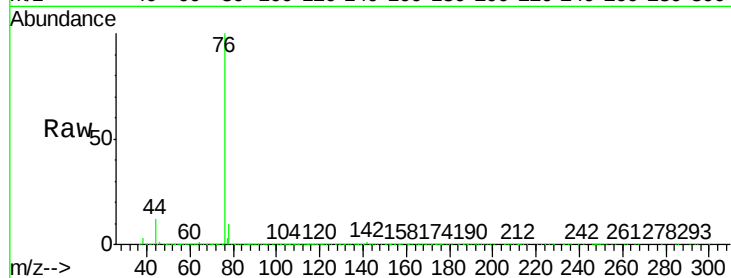
#17
Carbon Disulfide
Concen: 42.319 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp Lower	Upper
76	100		
78	9.6	7.2	10.8

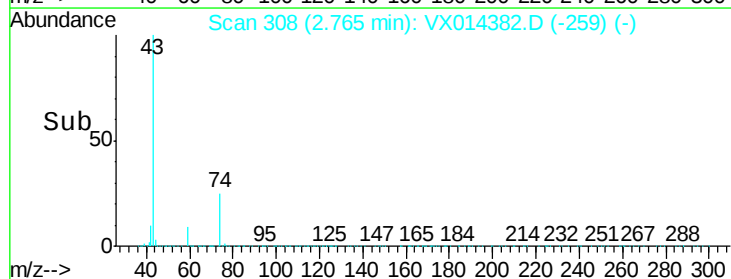
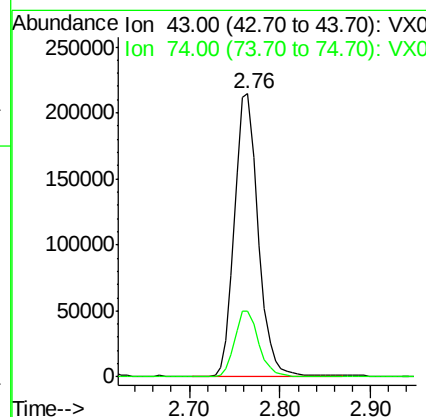
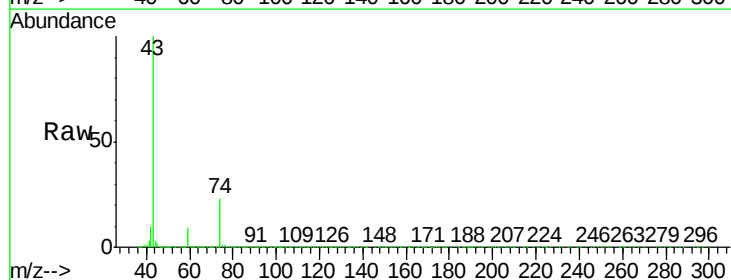
Manual Integrations
APPROVED

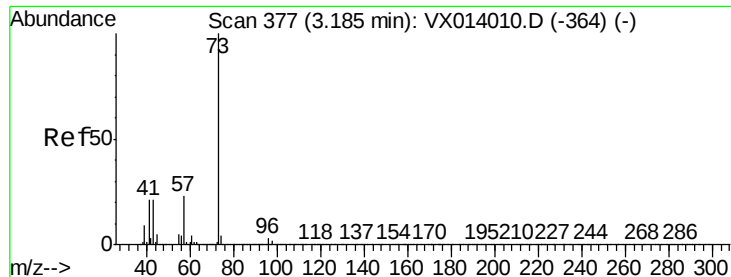
apatel
1/2/2020 9:54:37 AM



#18
Methyl Acetate
Concen: 59.141 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
74	23.7	19.5	29.3





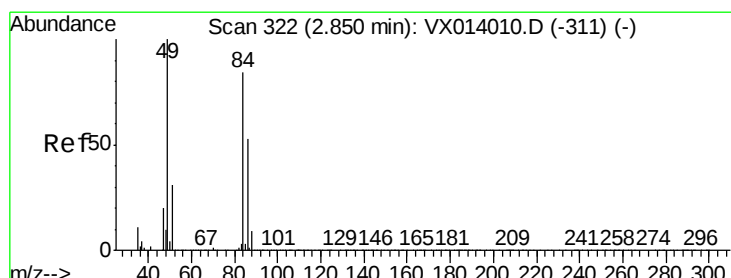
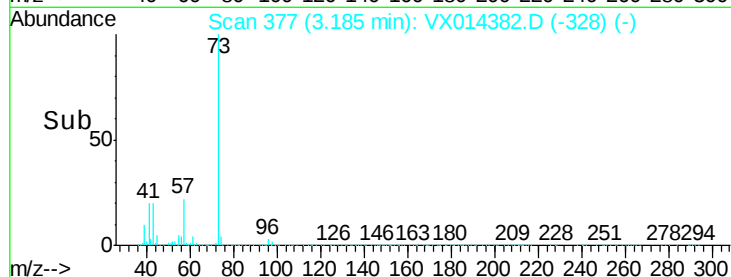
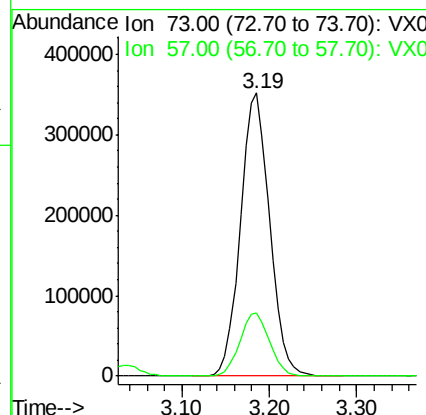
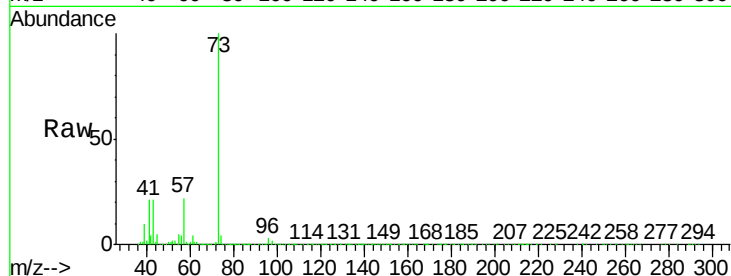
#19
Methyl tert-butyl Ether
Concen: 56.906 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.8	28.2

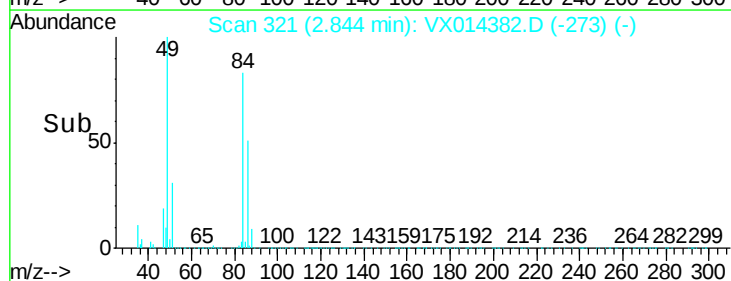
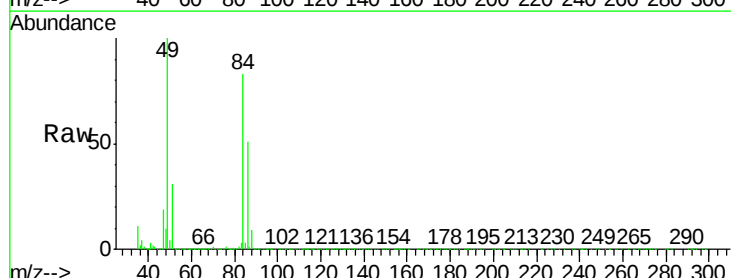
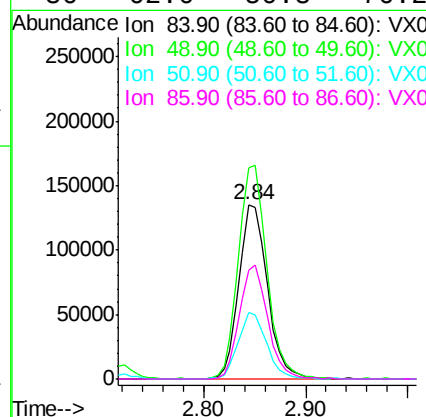
Manual Integrations
APPROVED

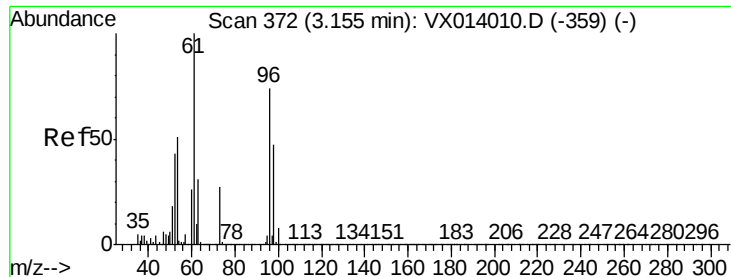
apatel
1/2/2020 9:54:37 AM



#20
Methylene Chloride
Concen: 49.831 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	95.8	143.6
51	37.7	29.8	44.8
86	62.0	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.454 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

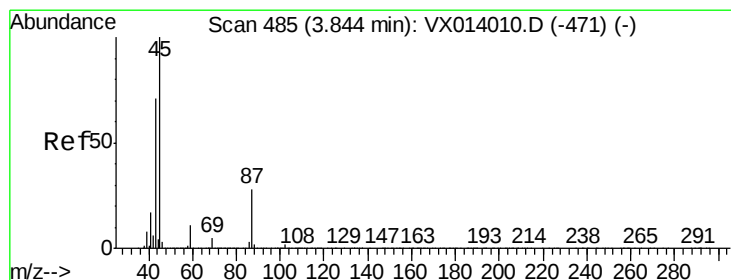
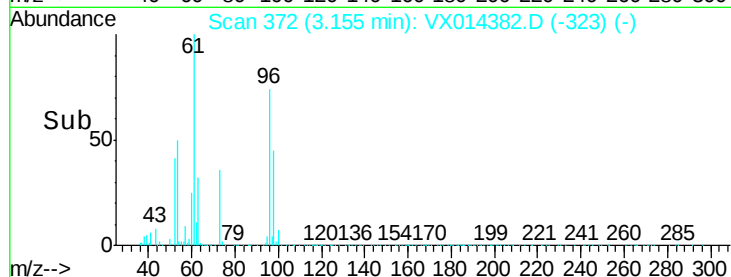
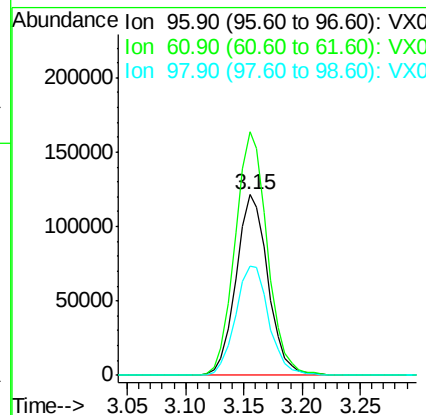
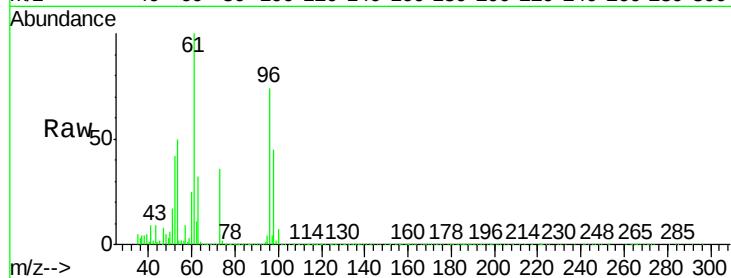
ClientSampleId :

GW-1MSD

Tot Ion:	96	Resp:	232473
Ion	Ratio	Lower	Upper
96	100		
61	134.9	108.3	162.5
98	60.8	50.8	76.2

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#22

Diisopropyl ether

Concen: 56.827 ug/l

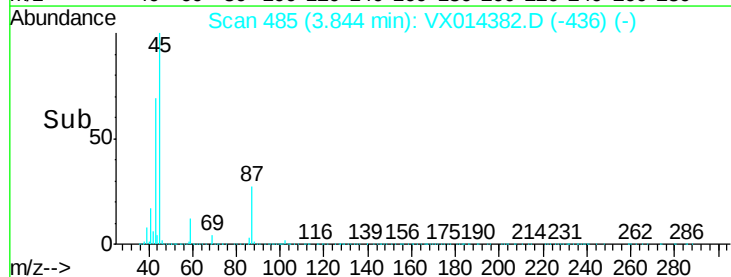
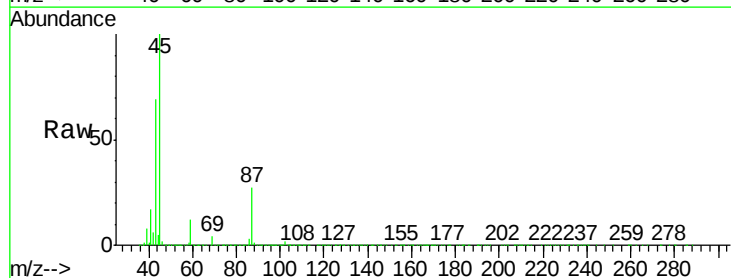
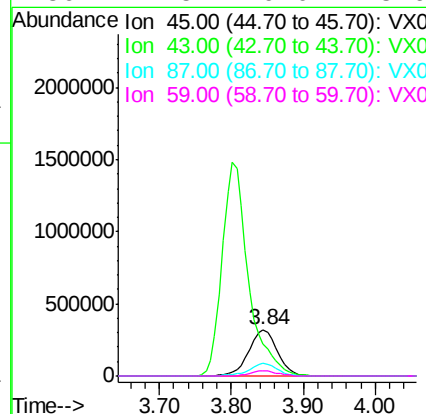
RT: 3.84 min Scan# 485

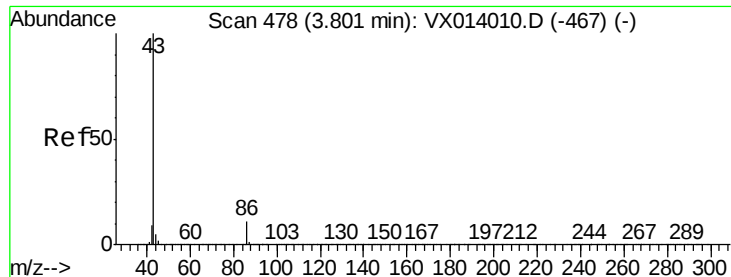
Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion:	45	Resp:	880530
Ion	Ratio	Lower	Upper
45	100		
43	69.1	57.4	86.0
87	26.7	21.9	32.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 297.823 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 43 Resp: 3765880

Ion Ratio Lower Upper

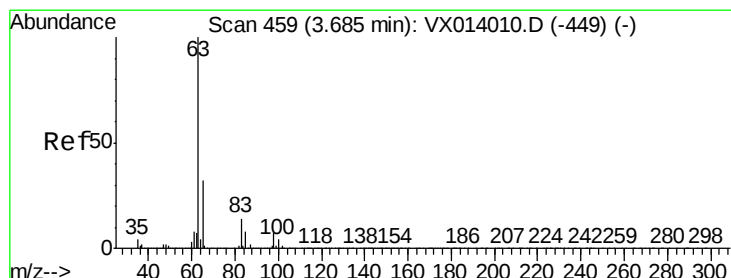
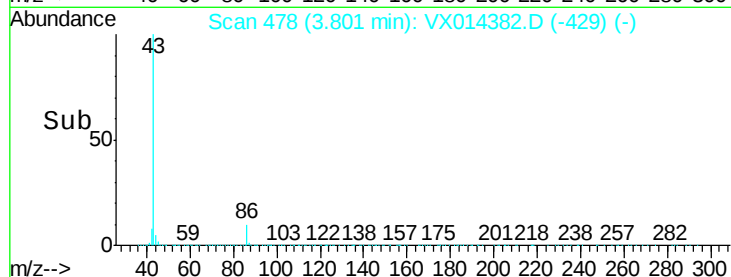
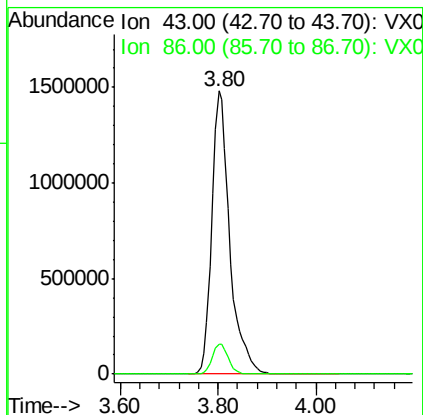
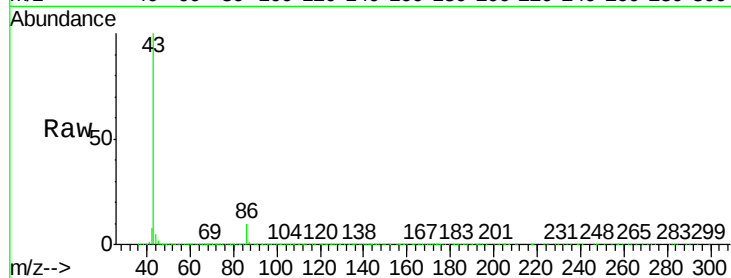
43 100

86 10.5 8.6 12.8

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:37 AM



#24

1,1-Dichloroethane

Concen: 52.898 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

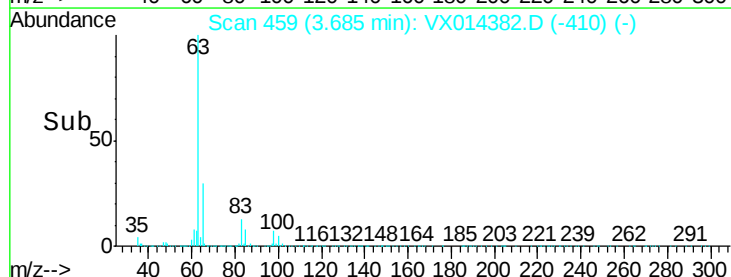
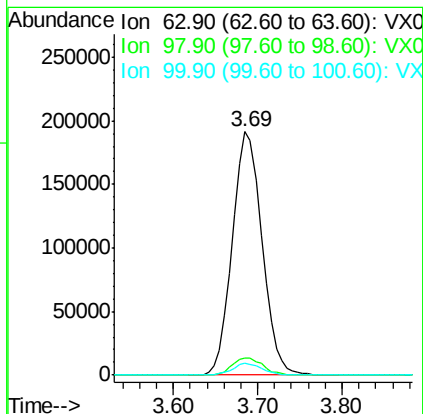
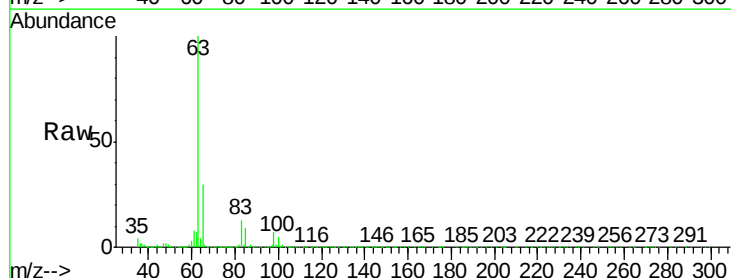
Tgt Ion: 63 Resp: 456016

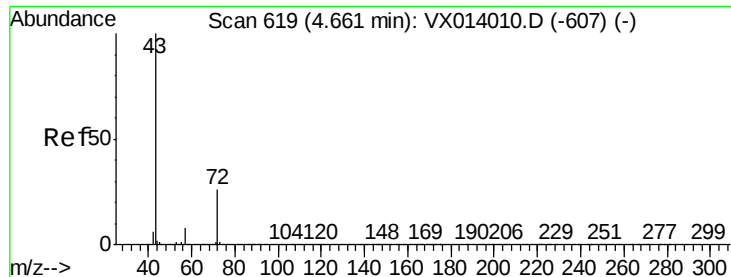
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.9 2.3 6.8





#25

2-Butanone

Concen: 258.674 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tot Ion: 43 Resp: 1062348

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

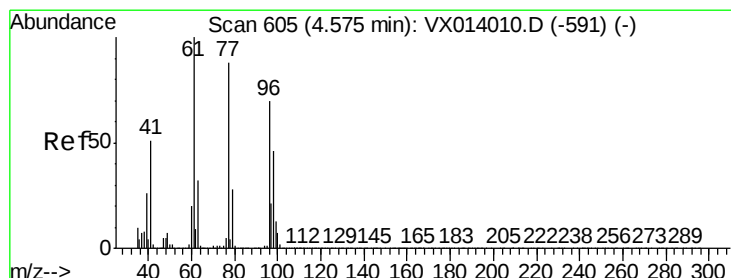
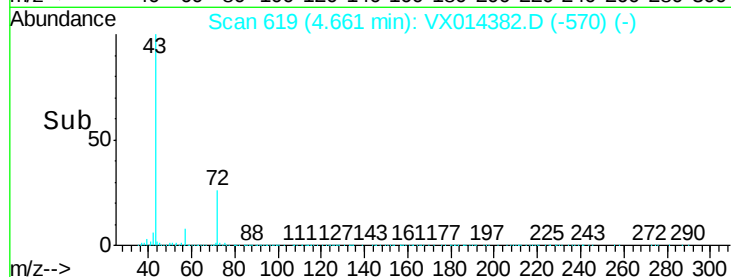
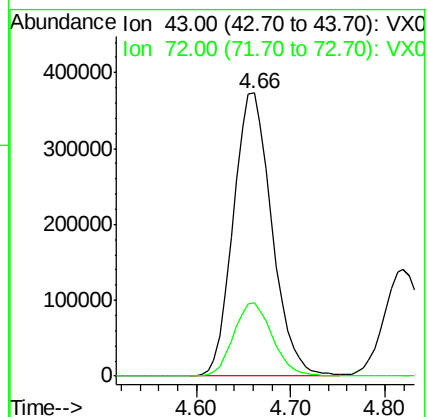
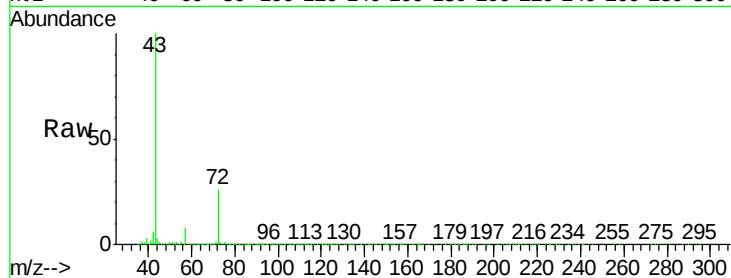
GW-1MSD

Manual Integrations

APPROVED

apatel

1/2/2020 9:54:37 AM



#26

2,2-Dichloropropane

Concen: 50.925 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014382.D

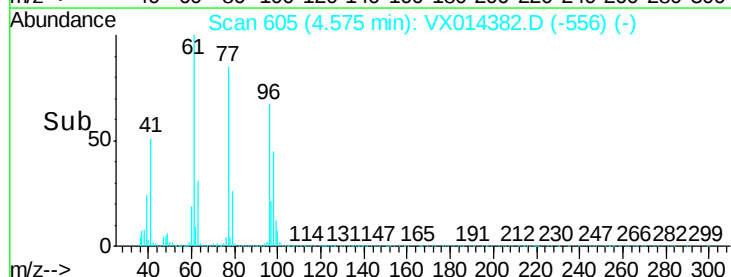
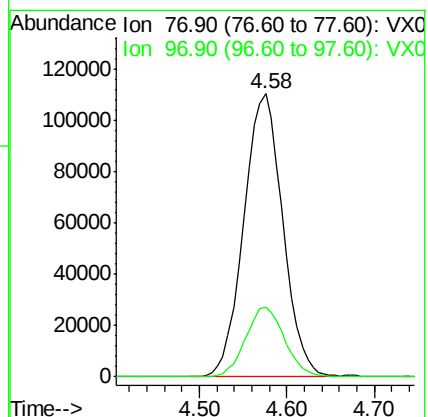
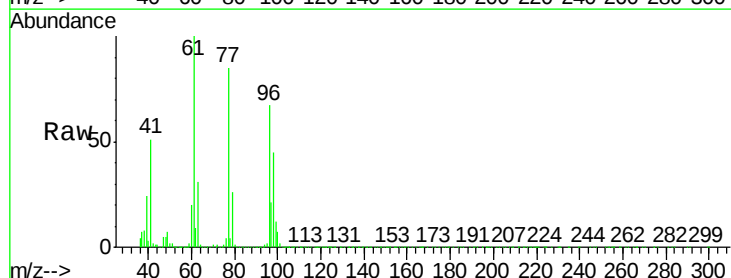
Acq: 31 Dec 2019 16:03

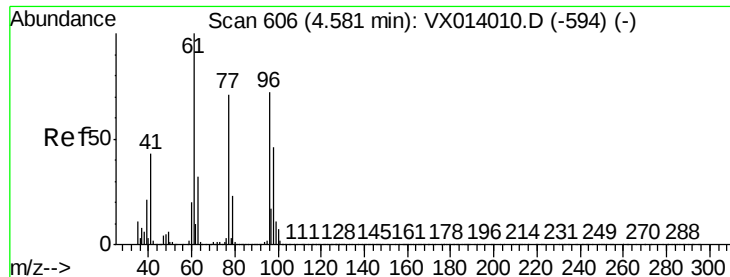
Tgt Ion: 77 Resp: 340857

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9





#27

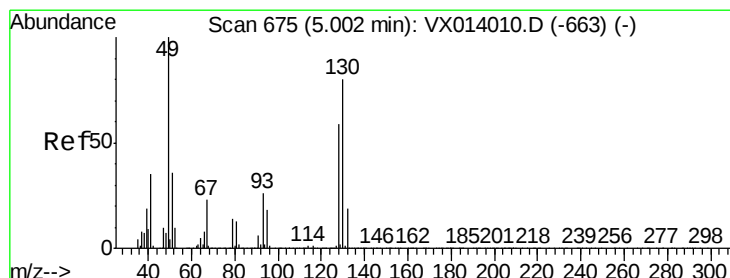
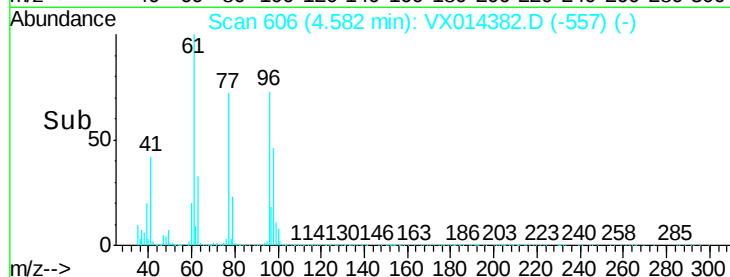
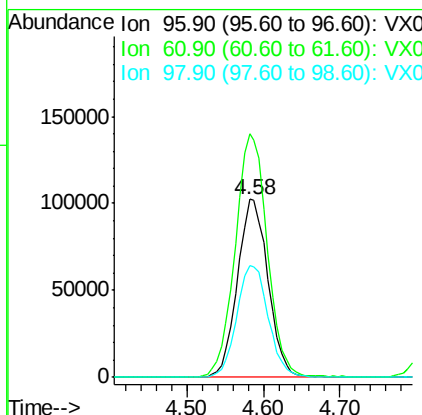
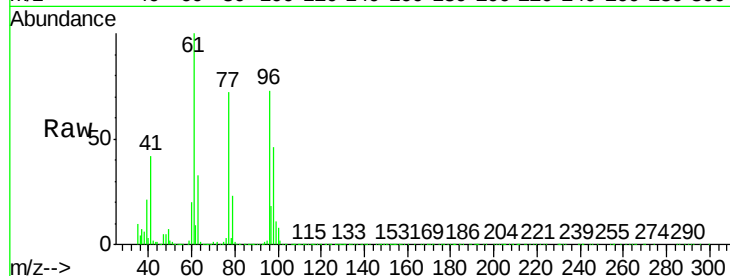
cis-1,2-Dichloroethene
Concen: 52.338 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	283991		
61	142.4	0.0	288.4	
98	64.4	0.0	129.6	

Manual Integrations
APPROVED

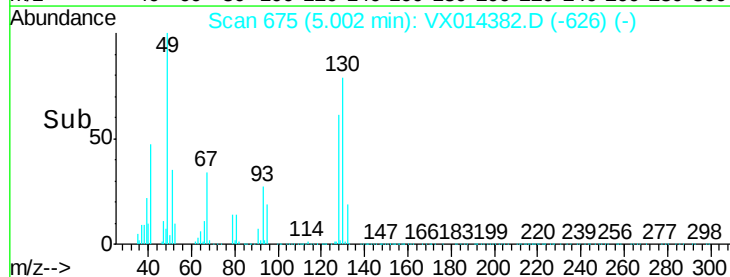
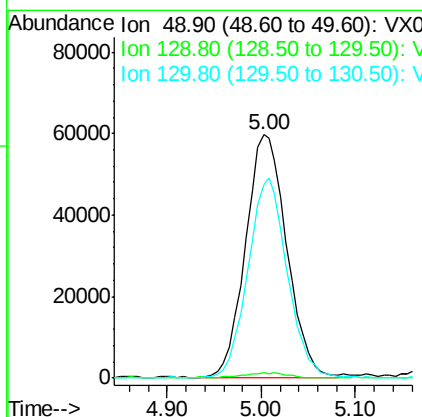
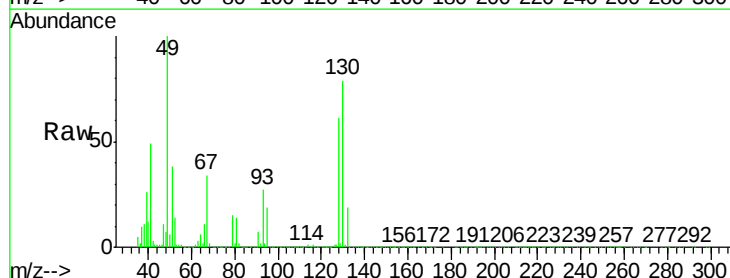
apatel
1/2/2020 9:54:37 AM

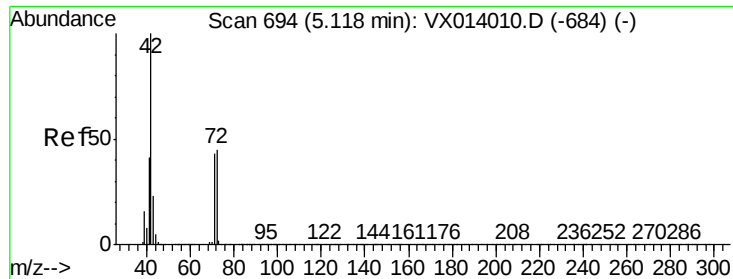


#28

Bromochloromethane
Concen: 54.767 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	181719		
129	2.5	0.0	5.0	
130	79.1	64.6	97.0	





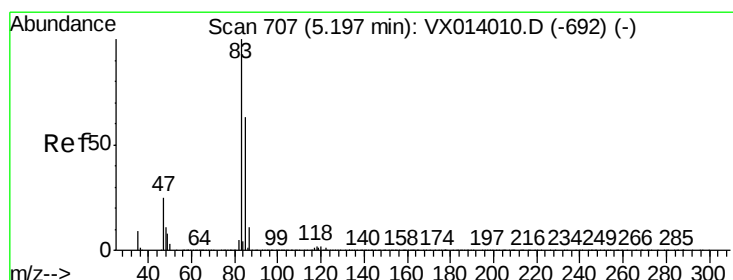
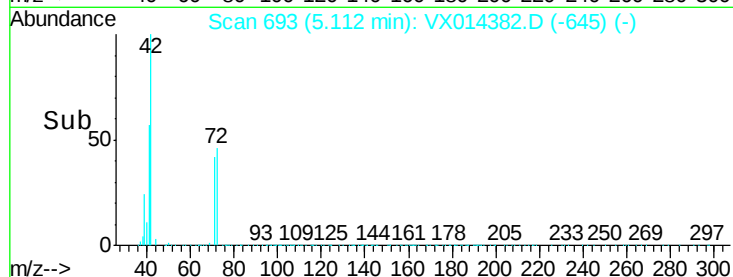
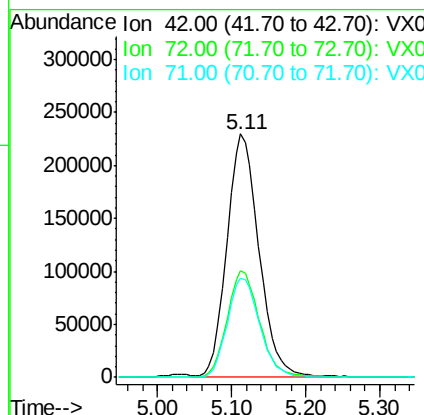
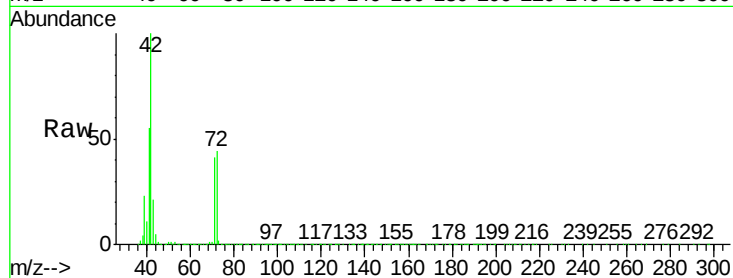
#29
Tetrahydrofuran
Concen: 298.312 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.8	53.8
71	41.6	33.6	50.4

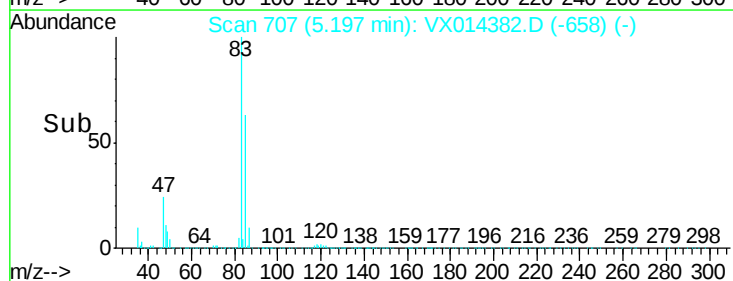
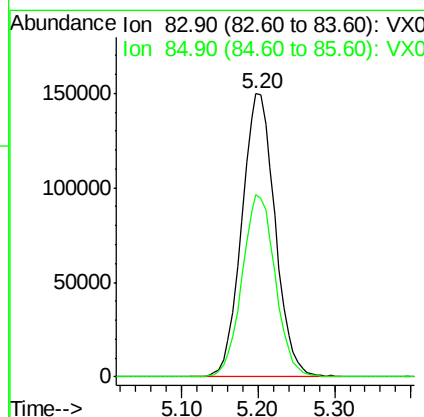
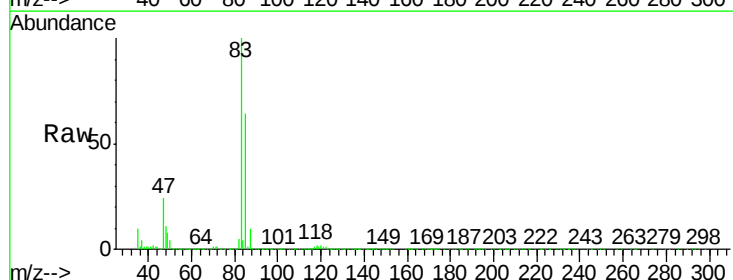
Manual Integrations
APPROVED

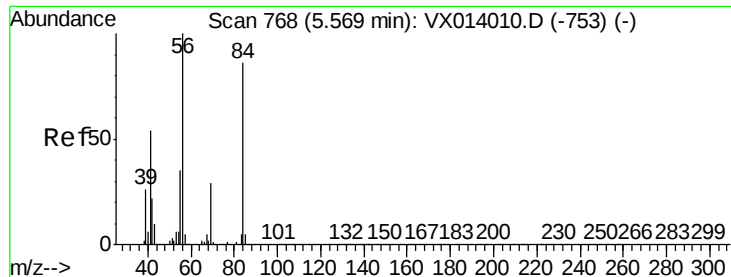
apatel
1/2/2020 9:54:37 AM



#30
Chloroform
Concen: 55.156 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.8	76.2





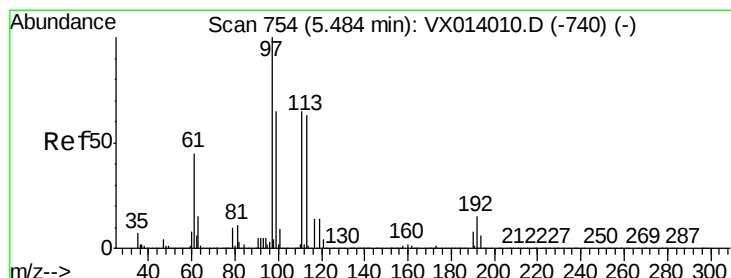
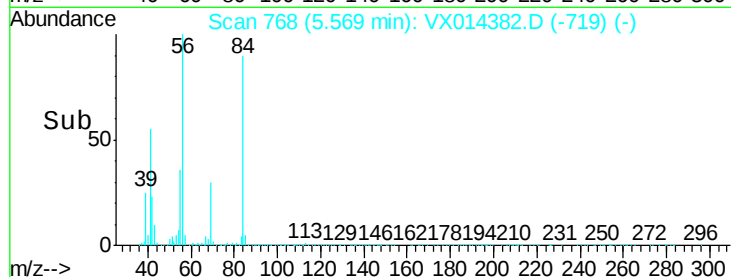
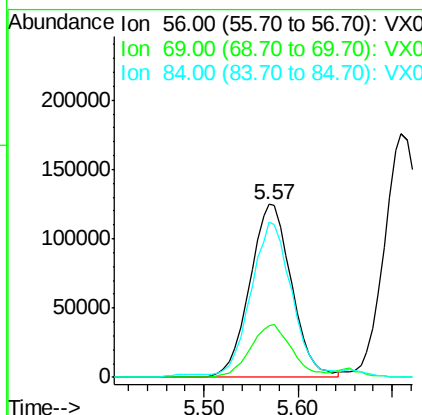
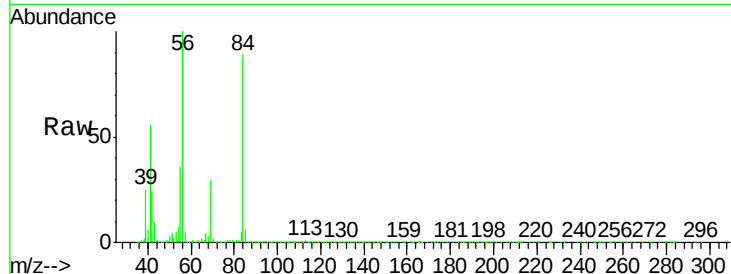
#31
Cyclohexane
Concen: 50.386 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.2	34.8
84	87.7	69.2	103.8

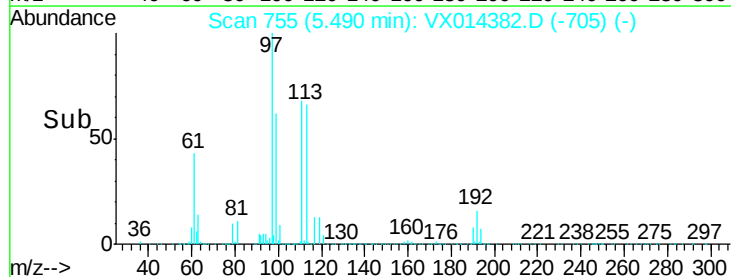
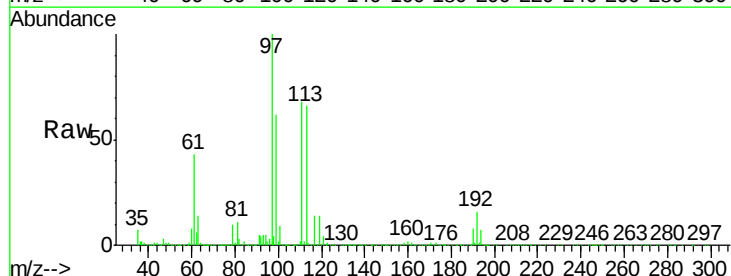
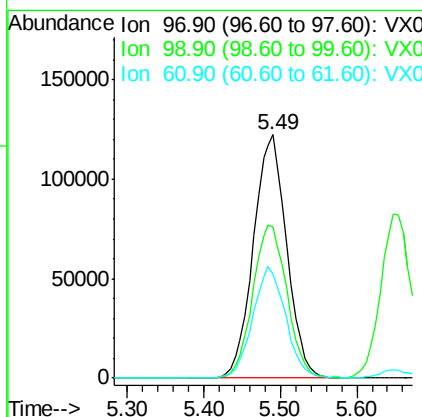
Manual Integrations
APPROVED

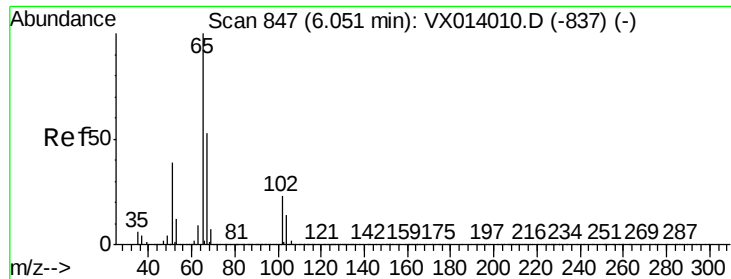
apatel
1/2/2020 9:54:37 AM



#32
1,1,1-Trichloroethane
Concen: 53.284 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	44.8	36.7	55.1





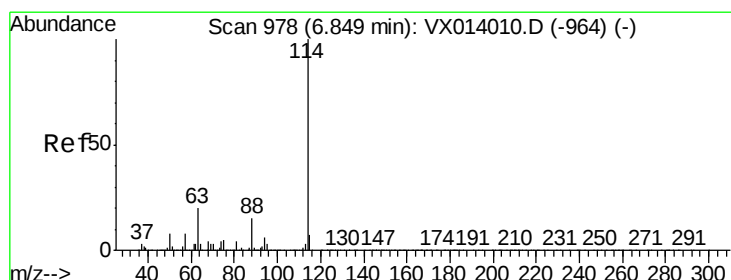
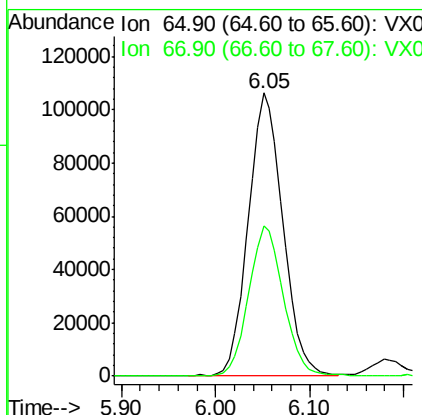
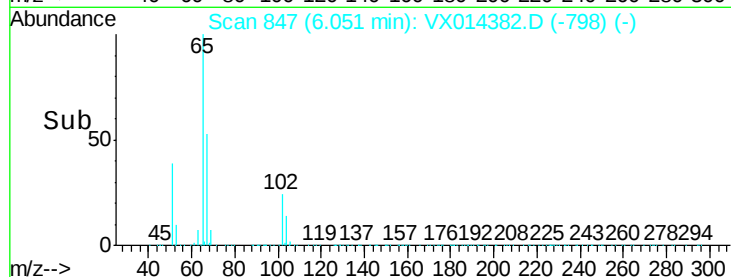
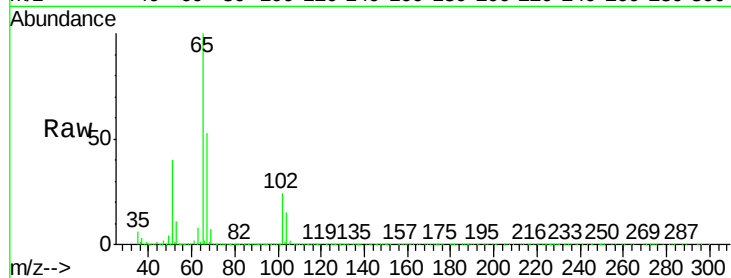
#33
 1,2-Dichloroethane-d4
 Concen: 53.339 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	273684		
67	52.9	0.0	106.4	

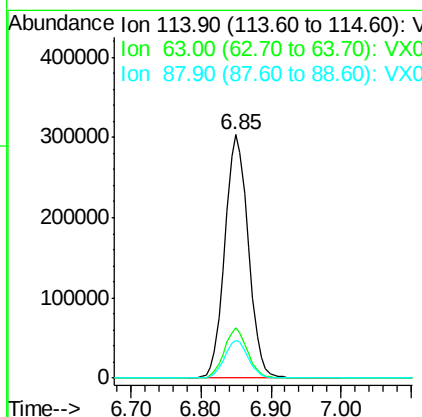
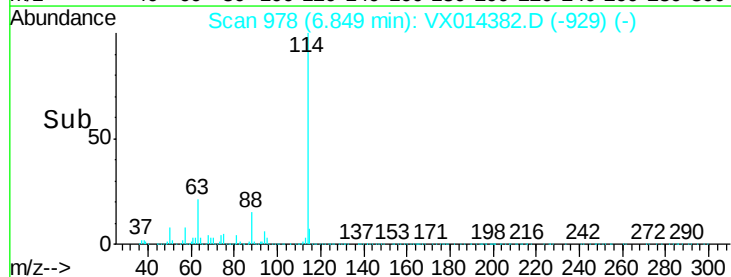
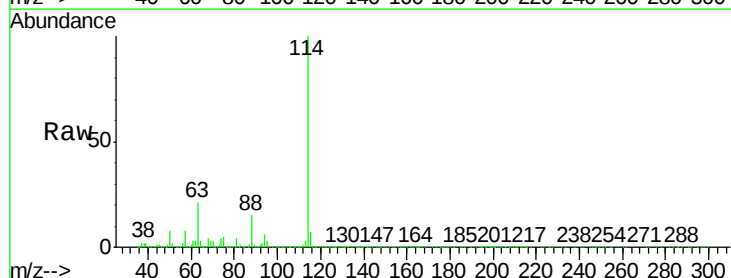
Manual Integrations
 APPROVED

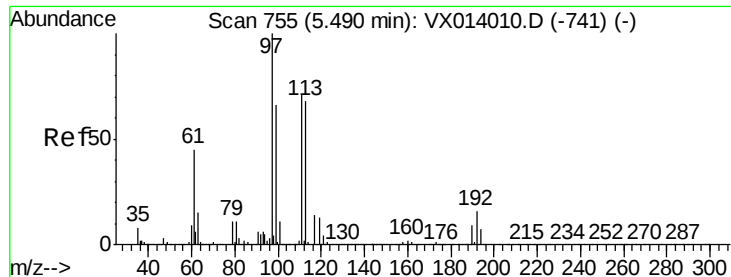
apatel
 1/2/2020 9:54:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	708056		
63	20.7	0.0	40.8	
88	15.2	0.0	30.4	





#35

Dibromofluoromethane

Concen: 54.029 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

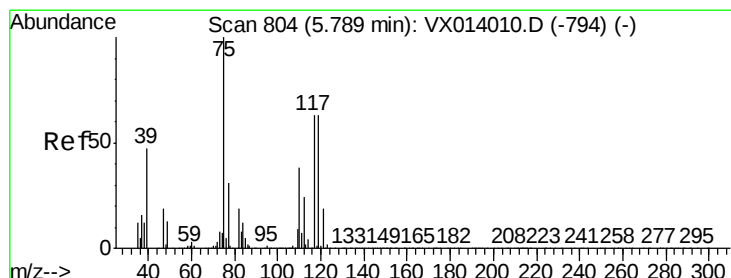
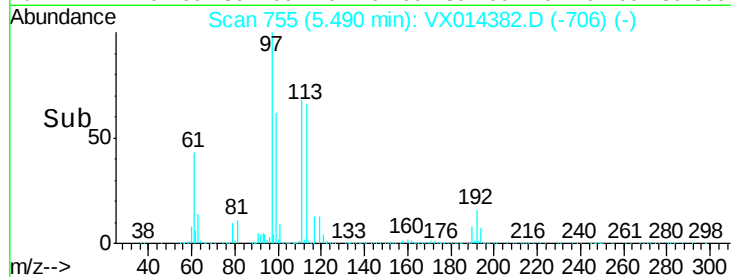
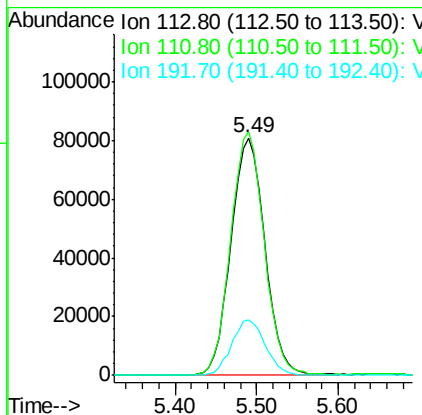
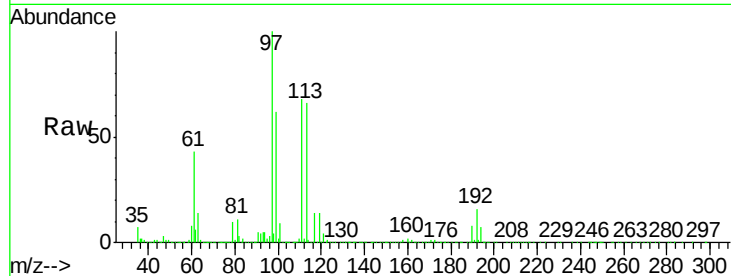
ClientSampled :

GW-1MSD

Tot Ion:	113	Resp:	232550
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.0	123.0
192	23.0	19.3	28.9

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#36

1,1-Dichloropropene

Concen: 48.888 ug/l

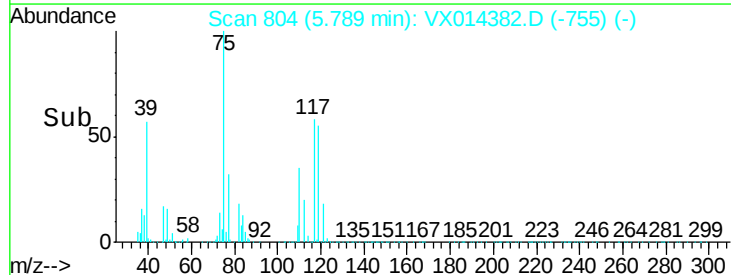
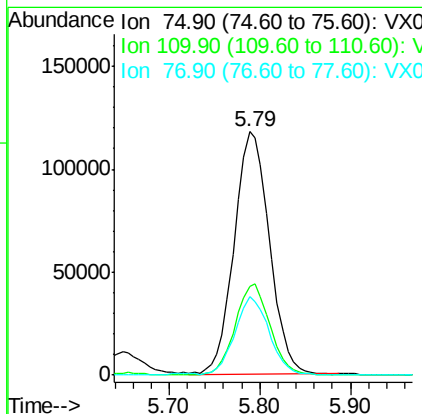
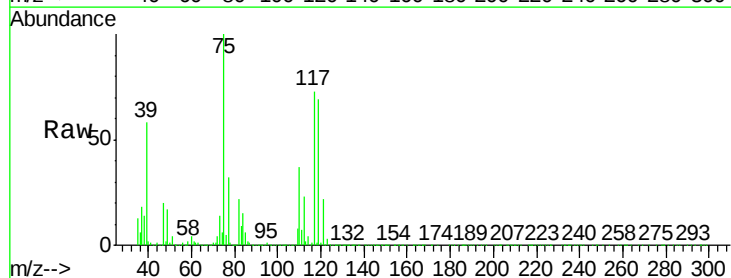
RT: 5.79 min Scan# 804

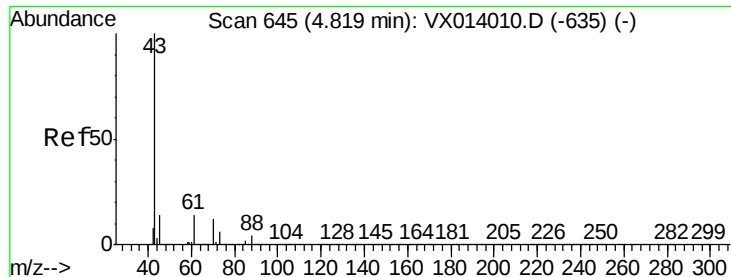
Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion:	75	Resp:	317616
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.3	54.9
77	31.2	24.8	37.2





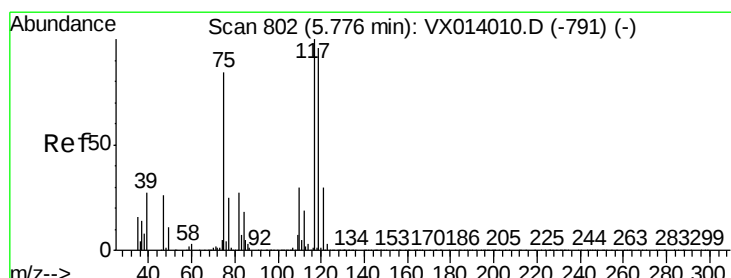
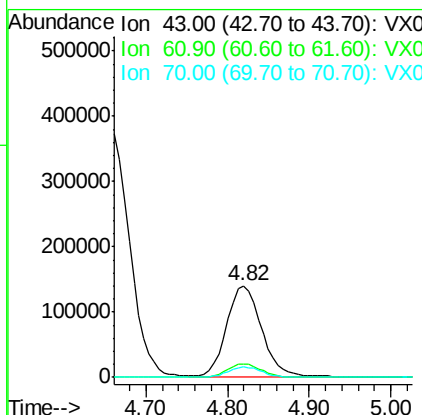
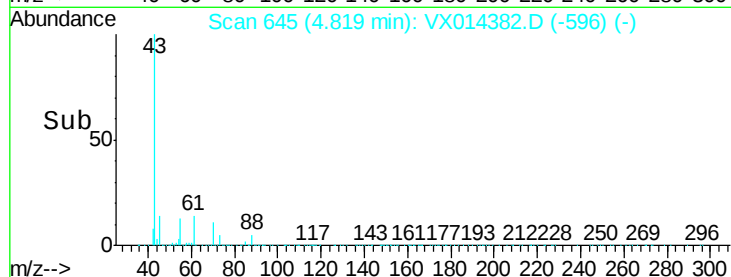
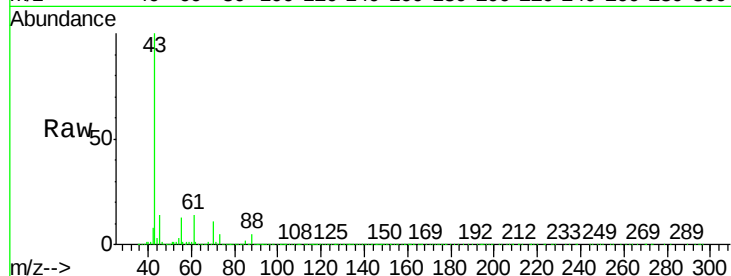
#37
Ethyl Acetate
Concen: 57.660 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	10.9	8.6	12.8

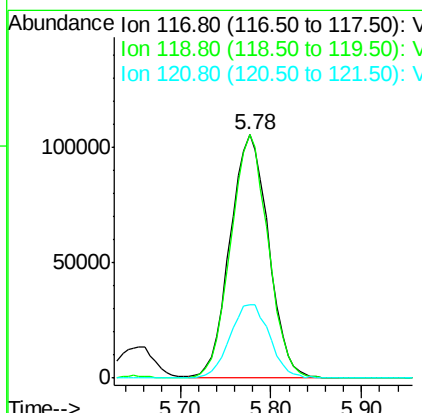
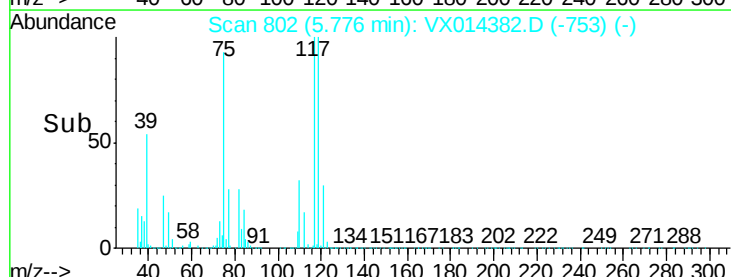
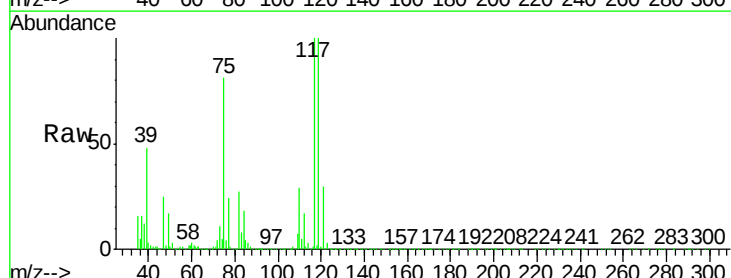
Manual Integrations
APPROVED

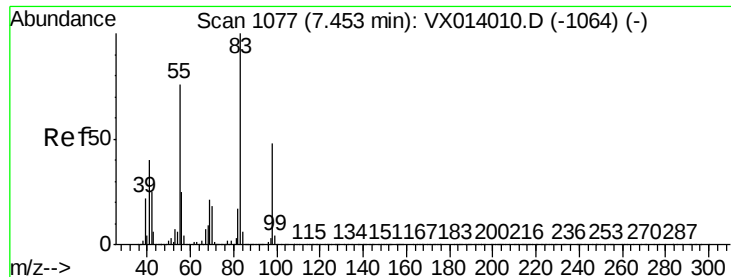
apatel
1/2/2020 9:54:37 AM



#38
Carbon Tetrachloride
Concen: 52.029 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	76.2	114.4
121	30.2	23.6	35.4





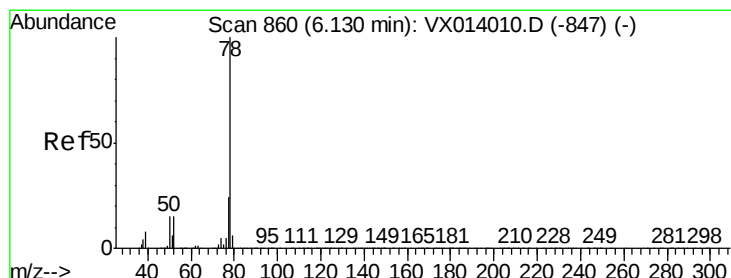
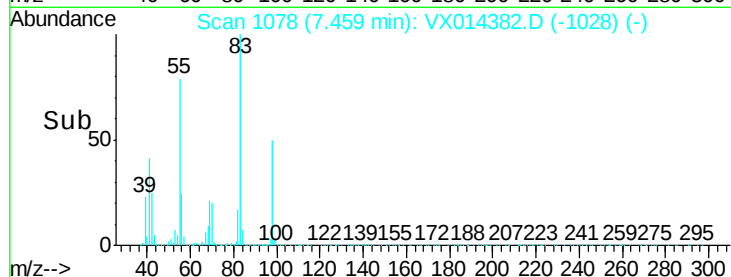
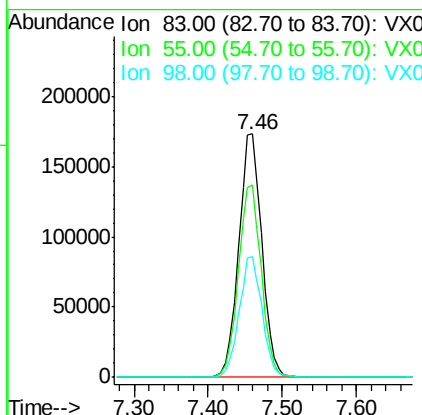
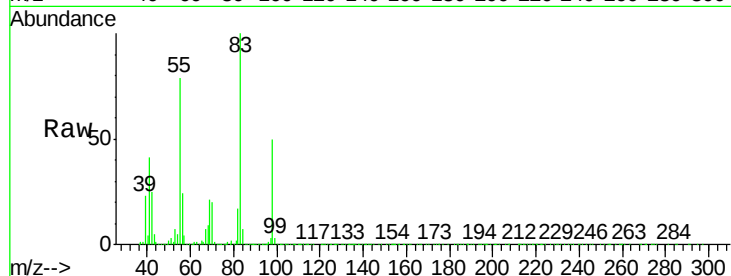
#39
Methvlcvclohexane
Concen: 46.804 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.0	91.6
98	49.6	38.6	57.8

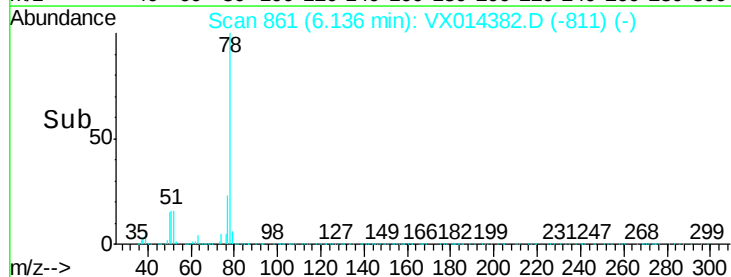
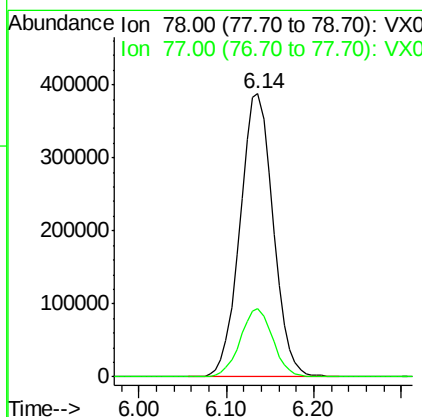
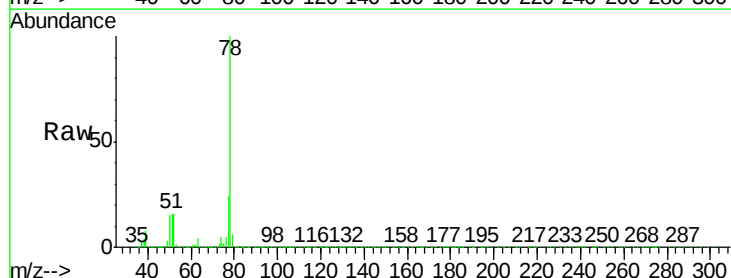
Manual Integrations
APPROVED

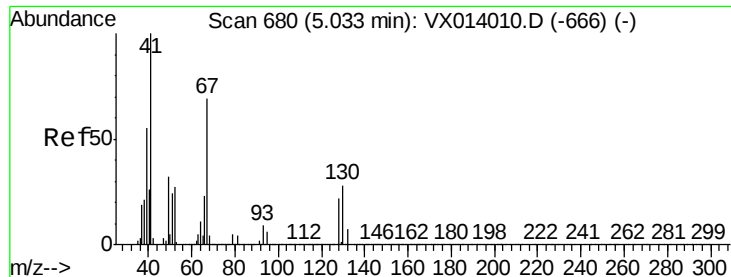
apatel
1/2/2020 9:54:37 AM



#40
Benzene
Concen: 51.076 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





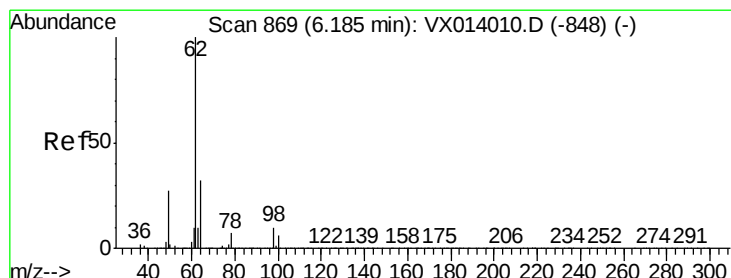
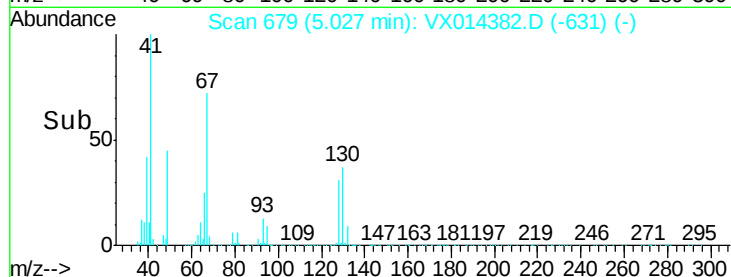
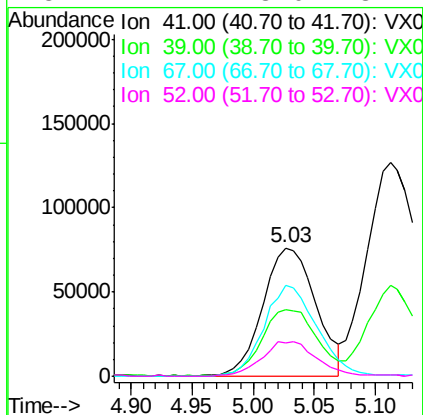
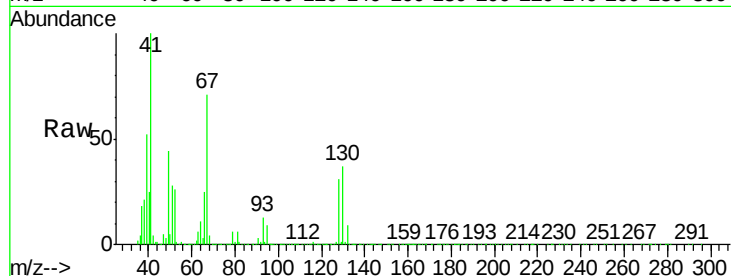
#41
Methacrylonitrile
Concen: 57.262 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		227942		
39	53.6	44.5	66.7		
67	71.2	57.4	86.0		
52	27.2	23.0	34.4		

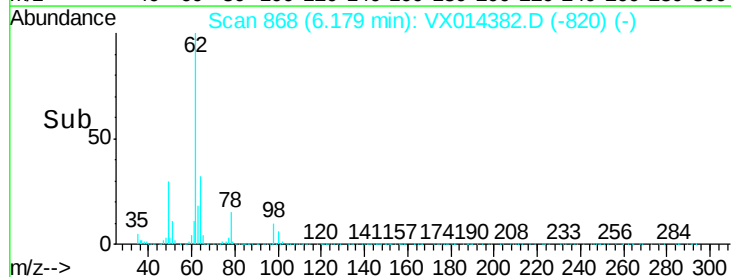
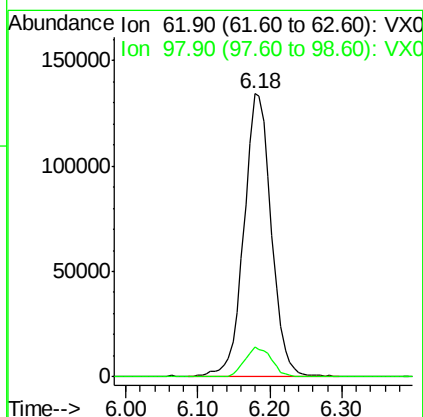
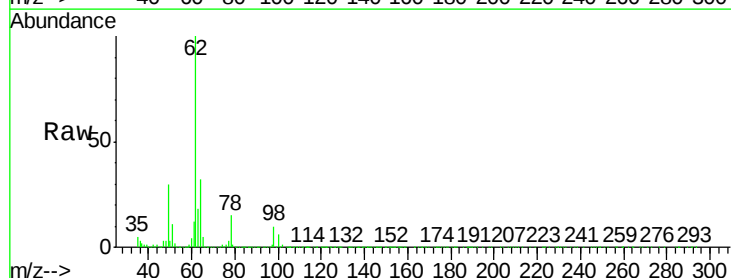
Manual Integrations
APPROVED

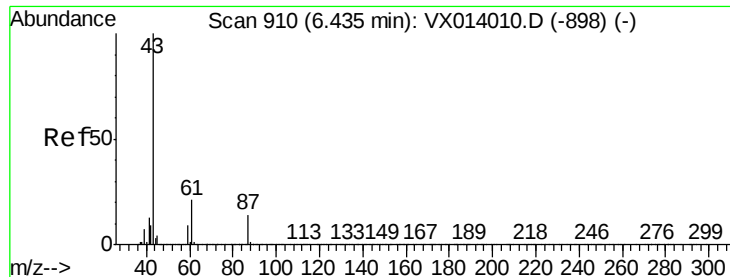
apatel
1/2/2020 9:54:37 AM



#42
1,2-Dichloroethane
Concen: 52.367 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		354844		
98	10.5	0.0	21.0		





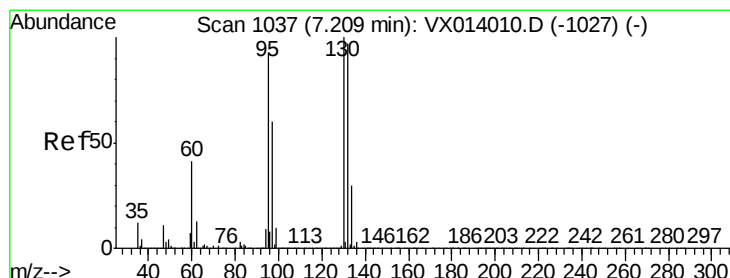
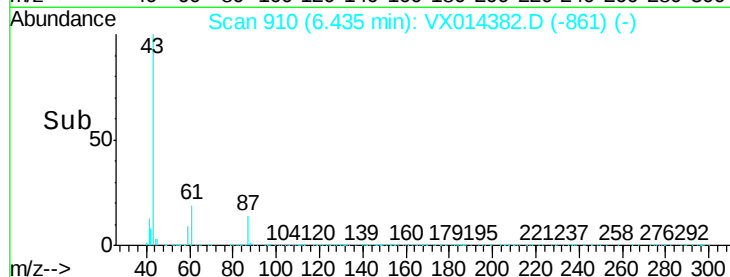
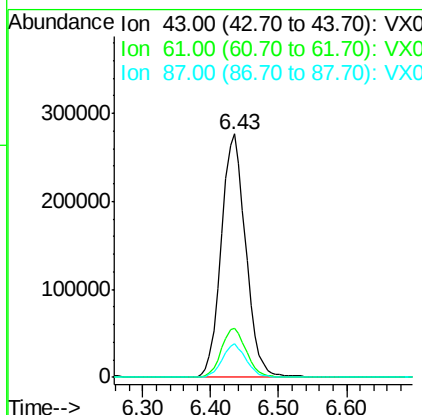
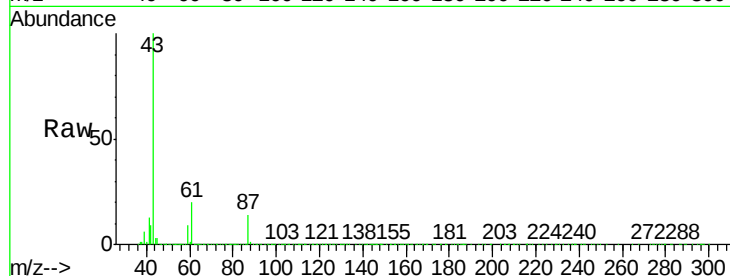
#43
Isopropyl Acetate
Concen: 57.776 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	43	Resp	685977
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.4	24.6
87	13.2	10.7	16.1

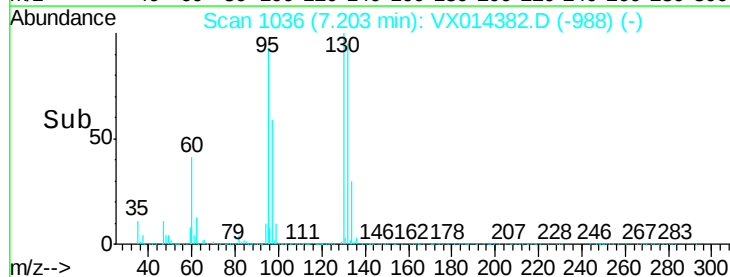
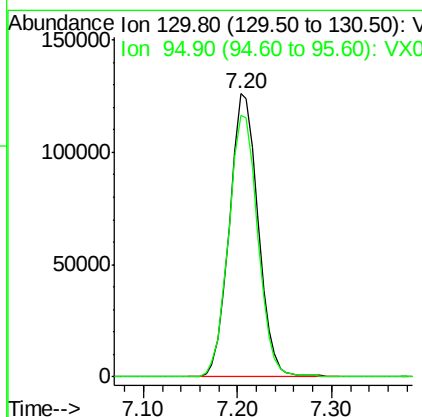
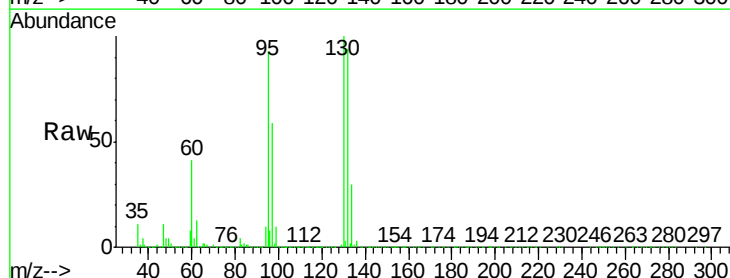
Manual Integrations
APPROVED

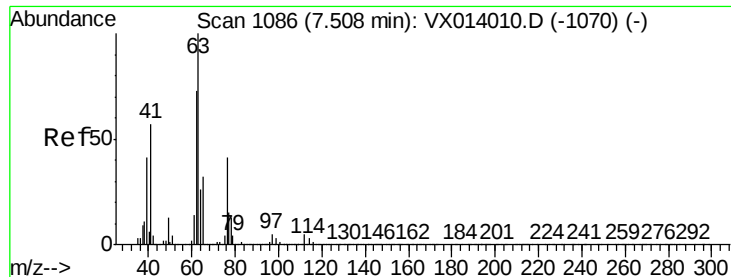
apatel
1/2/2020 9:54:37 AM



#44
Trichloroethene
Concen: 48.569 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	130	Resp	268171
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	185.6





#45

1,2-Dichloropropane

Concen: 53.724 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 63 Resp: 275260

Ion Ratio Lower Upper

63 100

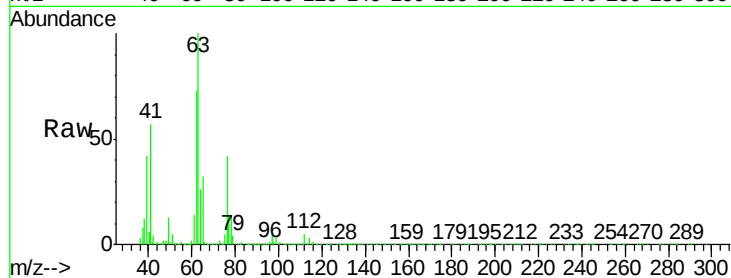
65 31.7 25.8 38.8

Manual Integrations

APPROVED

apatel

1/2/2020 9:54:37 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

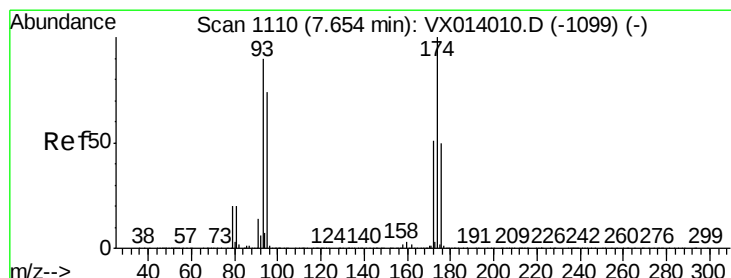
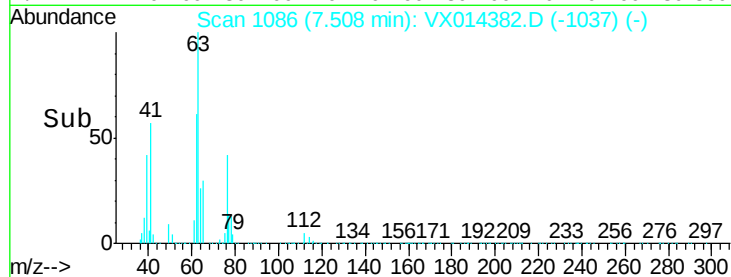
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 51.507 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

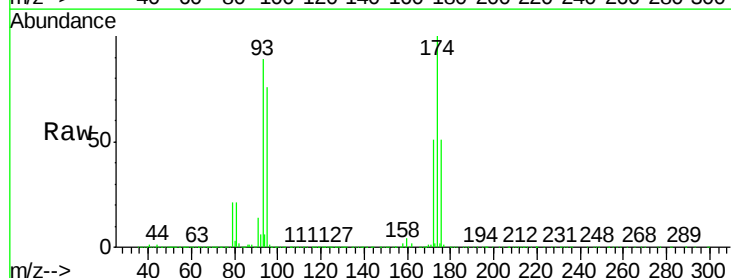
Tgt Ion: 93 Resp: 174480

Ion Ratio Lower Upper

93 100

95 83.7 67.3 100.9

174 114.4 91.6 137.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

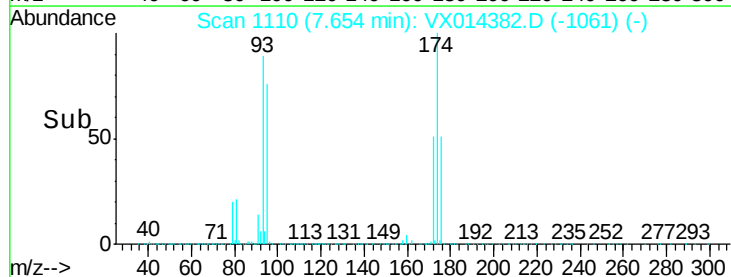
7.65

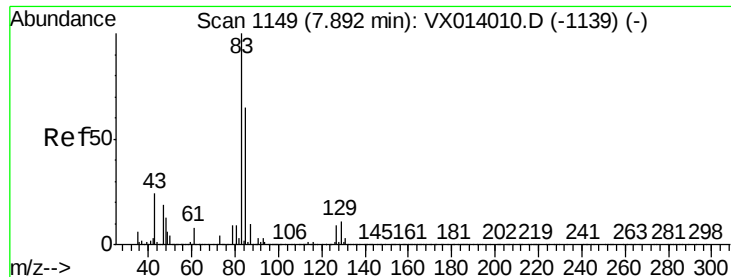
100000

50000

0

Time-->





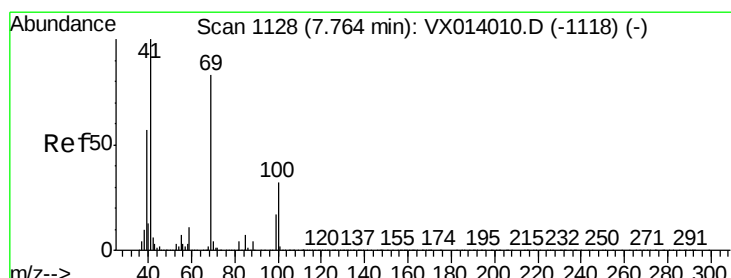
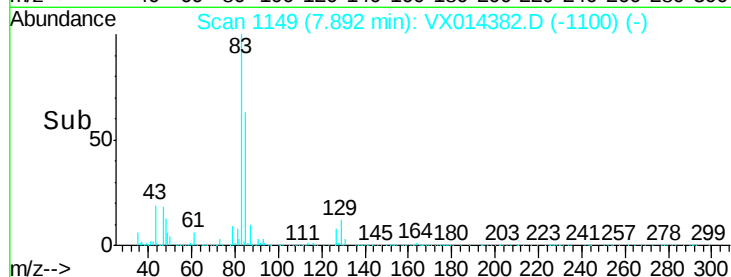
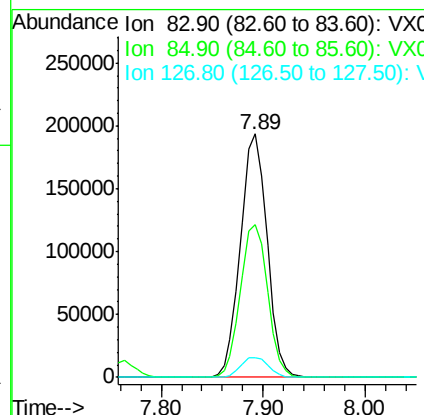
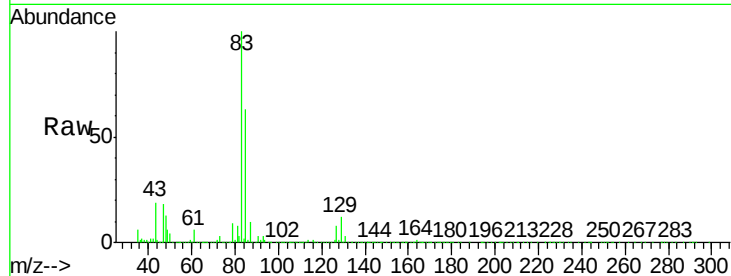
#47
Bromodichloromethane
Concen: 54.816 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampled :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	349715		
85	62.6	51.8	77.8	
127	8.2	7.0	10.4	

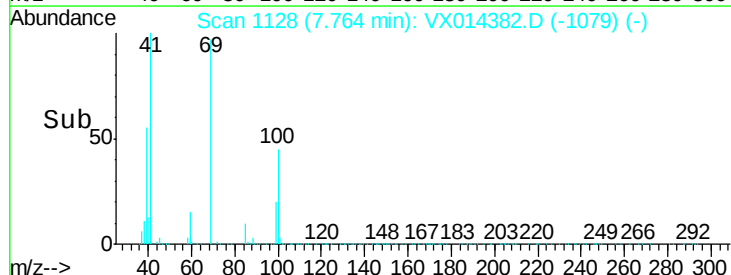
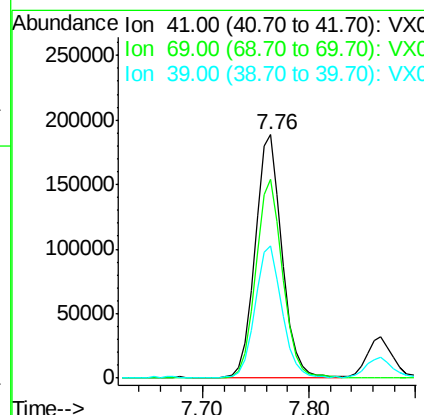
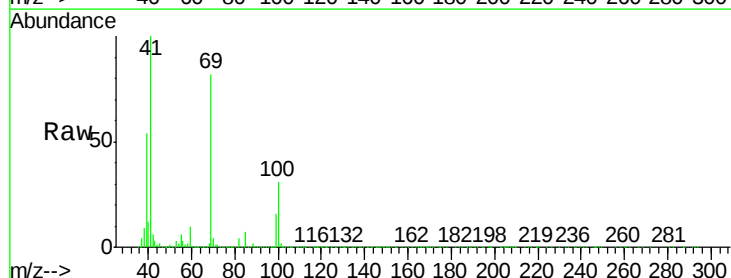
Manual Integrations
APPROVED

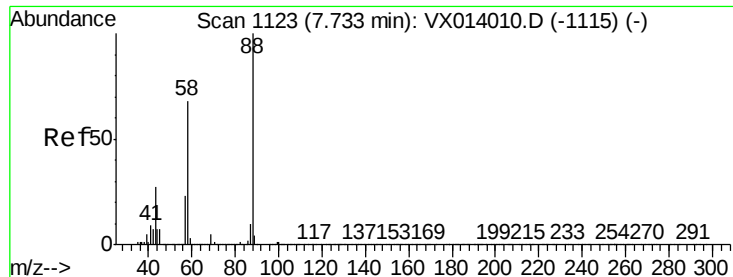
apatel
1/2/2020 9:54:37 AM



#48
Methyl methacrylate
Concen: 57.004 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	331420		
69	82.2	65.8	98.6	
39	54.3	44.6	67.0	





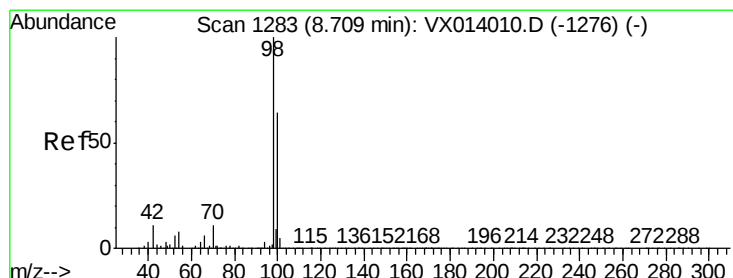
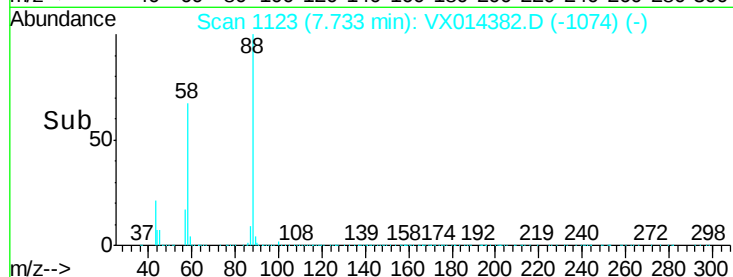
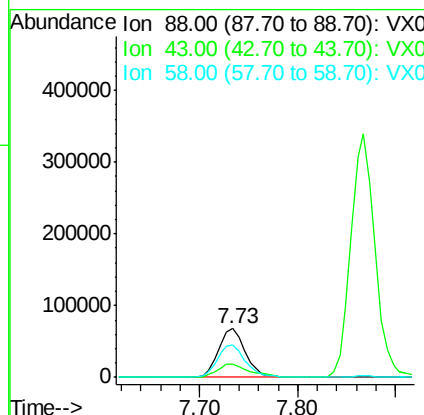
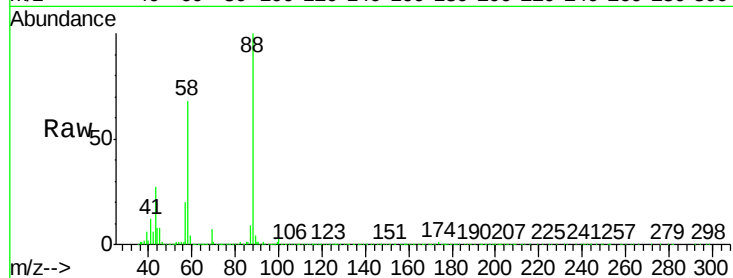
#49
1,4-Dioxane
Concen: 1082.759 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.5	39.7
58	69.5	56.8	85.2

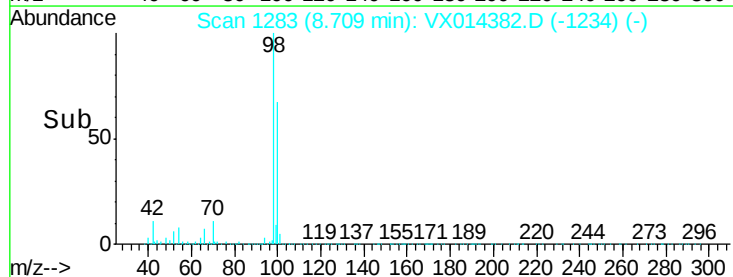
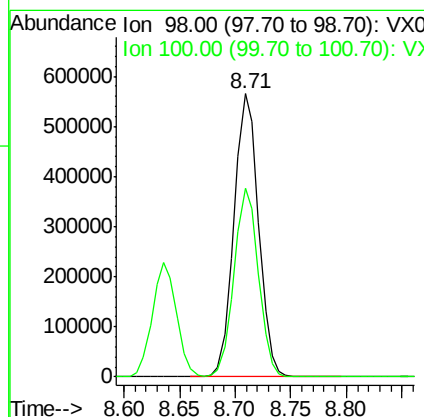
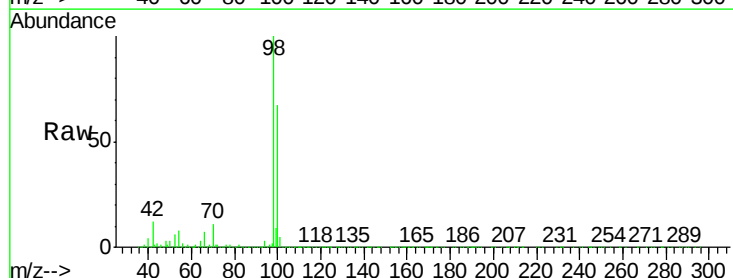
Manual Integrations
APPROVED

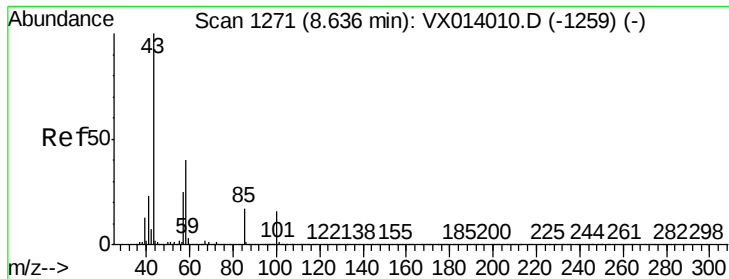
apatel
1/2/2020 9:54:37 AM



#50
Toluene-d8
Concen: 51.474 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 290.408 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 43 Resp: 2165439

Ion Ratio Lower Upper

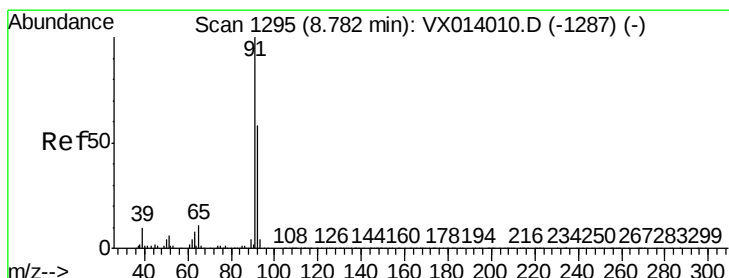
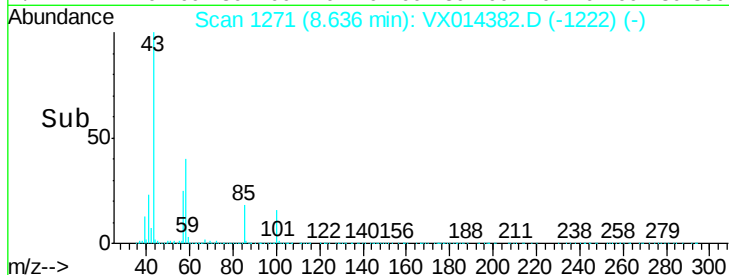
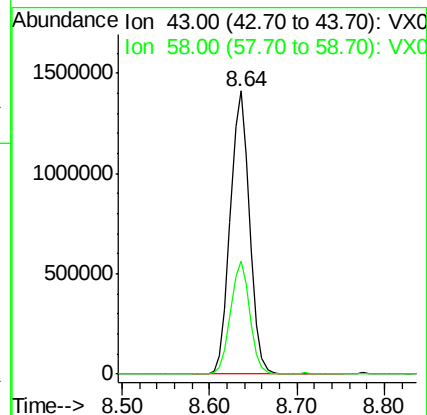
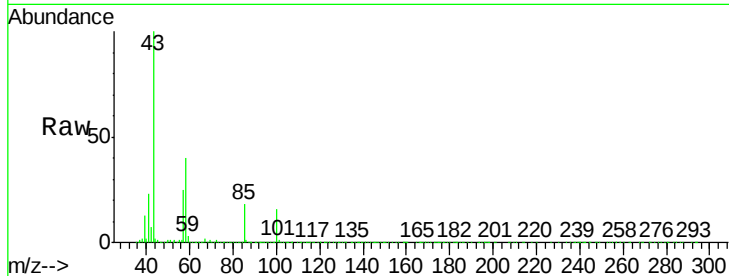
43 100

58 39.6 32.2 48.2

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:37 AM



#52

Toluene

Concen: 50.103 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014382.D

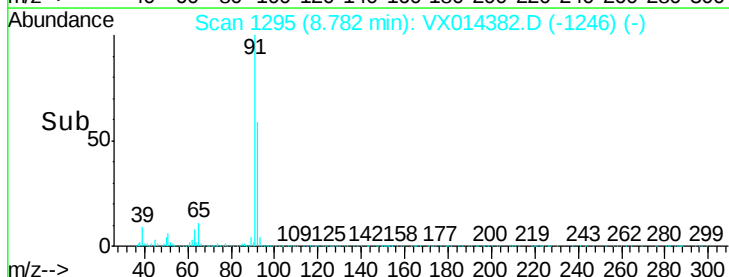
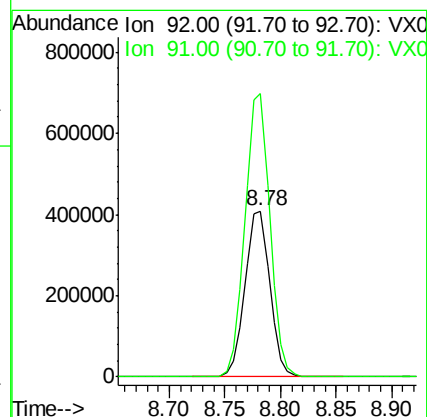
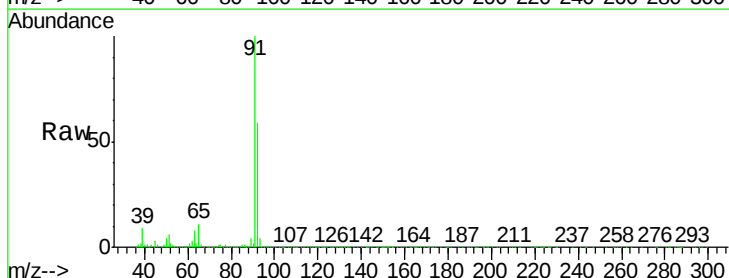
Acq: 31 Dec 2019 16:03

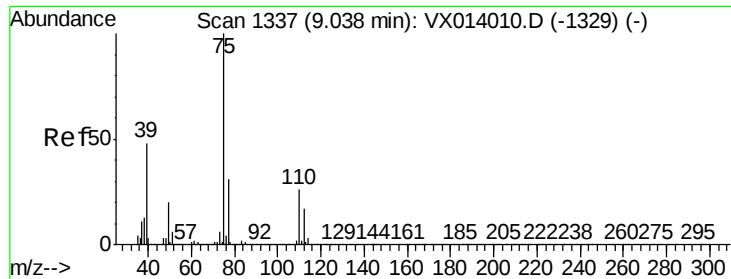
Tgt Ion: 92 Resp: 633048

Ion Ratio Lower Upper

92 100

91 171.3 136.2 204.4





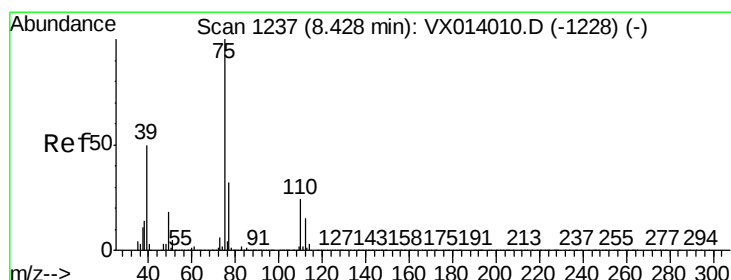
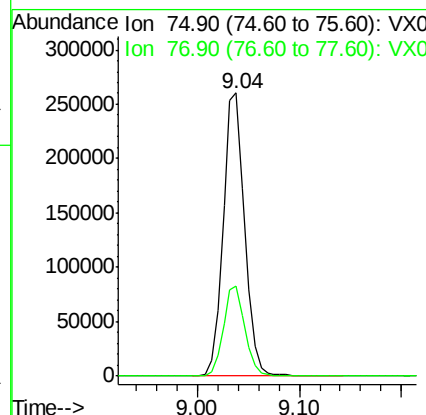
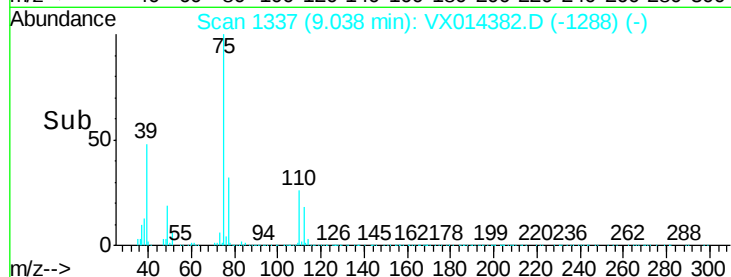
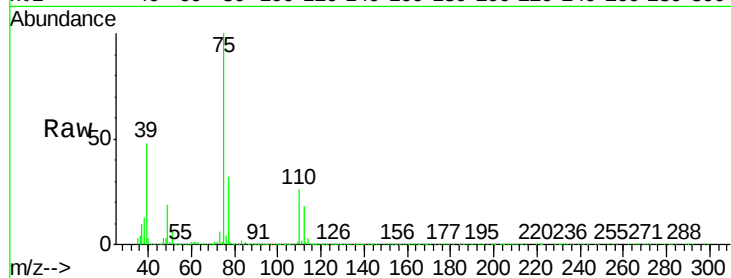
#53
t-1,3-Dichloropropene
Concen: 54.663 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7

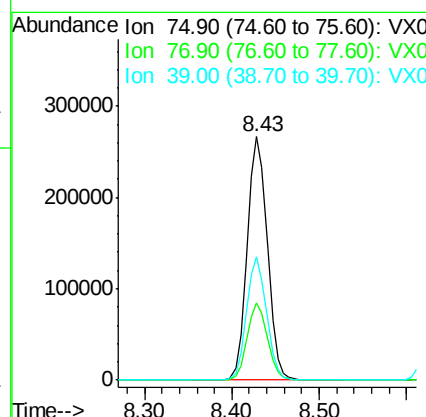
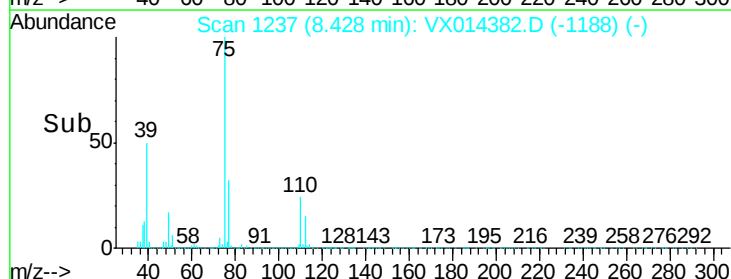
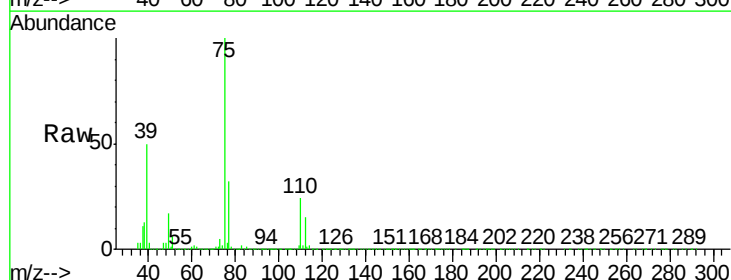
Manual Integrations
APPROVED

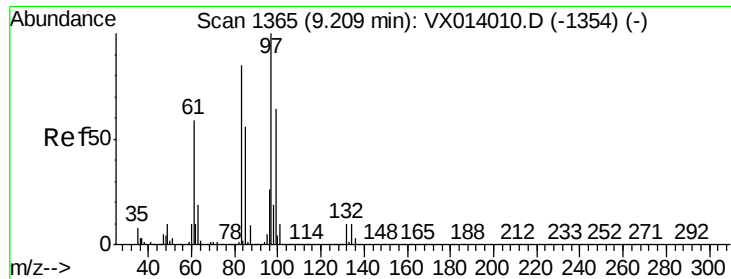
apatel
1/2/2020 9:54:37 AM



#54
cis-1,3-Dichloropropene
Concen: 54.679 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	50.3	39.9	59.9





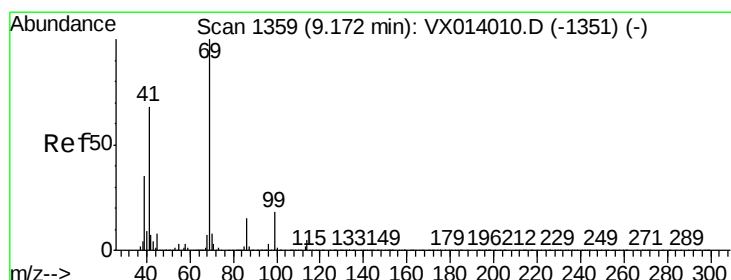
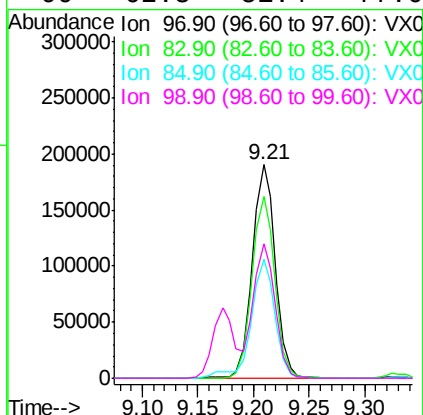
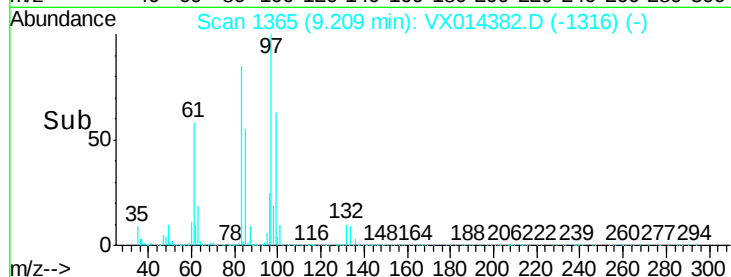
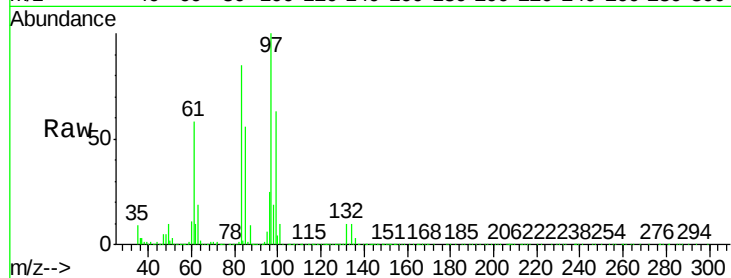
#55
1,1,2-Trichloroethane
Concen: 54.172 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		274326		
83	85.4	68.2	102.4		
85	55.5	44.6	66.8		
99	62.8	51.4	77.0		

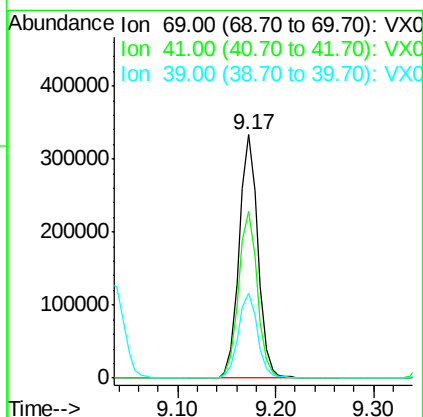
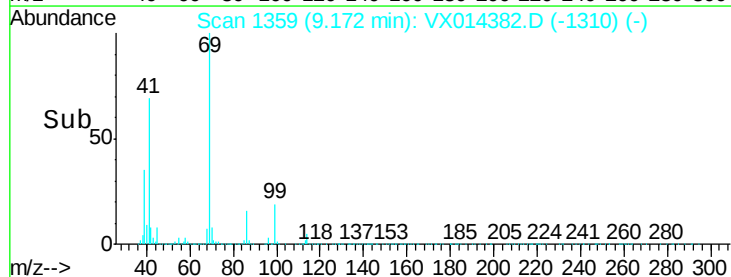
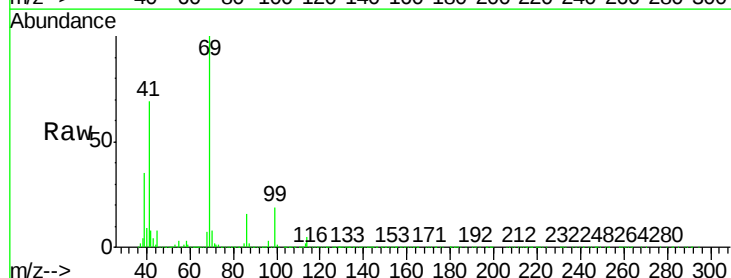
Manual Integrations
APPROVED

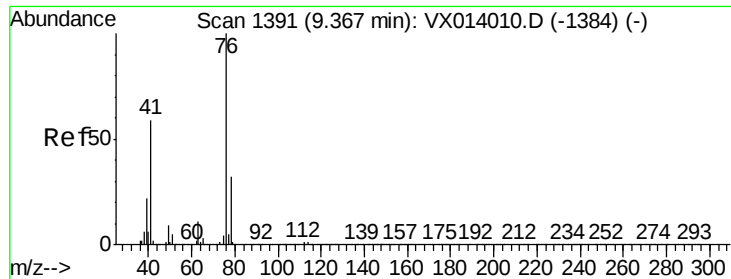
apatel
1/2/2020 9:54:37 AM



#56
Ethyl methacrylate
Concen: 55.880 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		444506		
41	68.4	54.8	82.2		
39	35.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 53.738 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 76 Resp: 457856

Ion Ratio Lower Upper

76 100

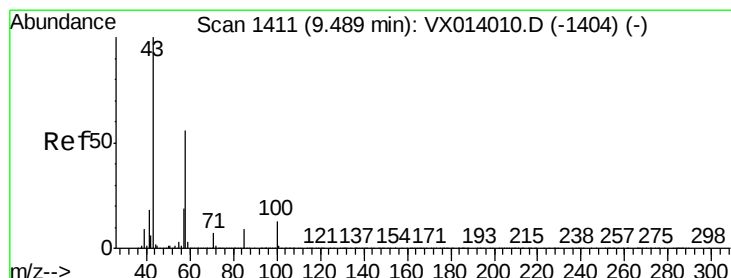
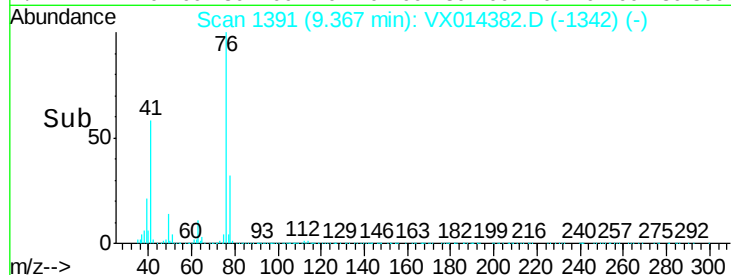
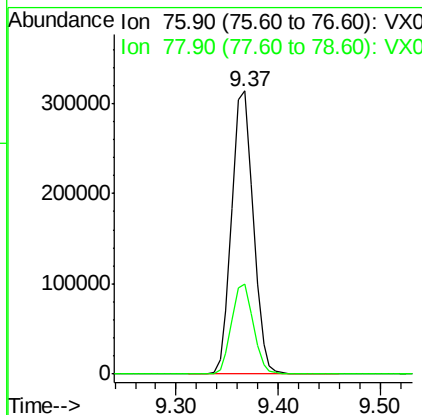
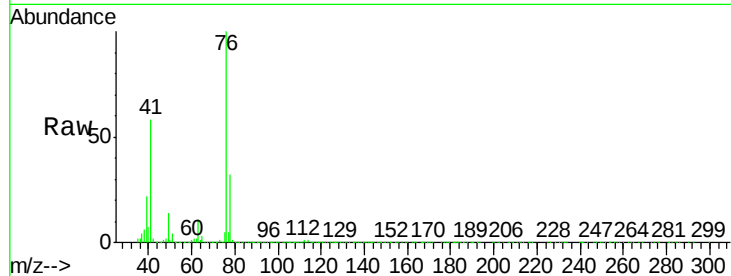
78 31.9 25.8 38.6

Manual Integrations

APPROVED

apatel

1/2/2020 9:54:37 AM



#59

2-Hexanone

Concen: 272.331 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014382.D

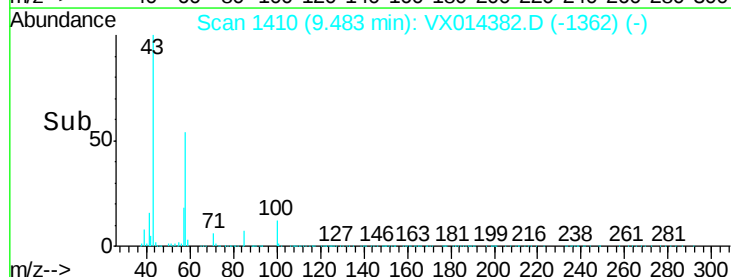
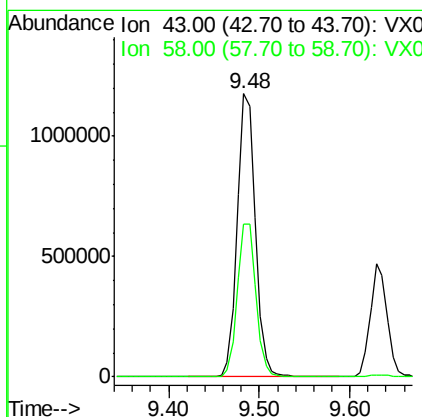
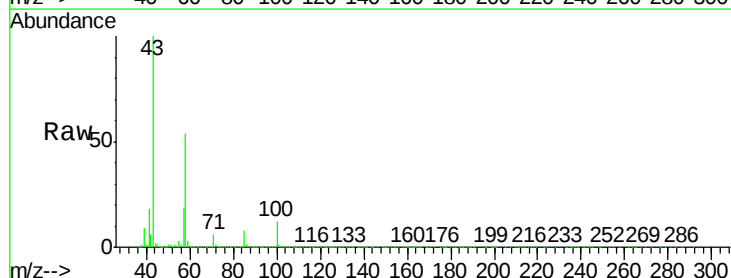
Acq: 31 Dec 2019 16:03

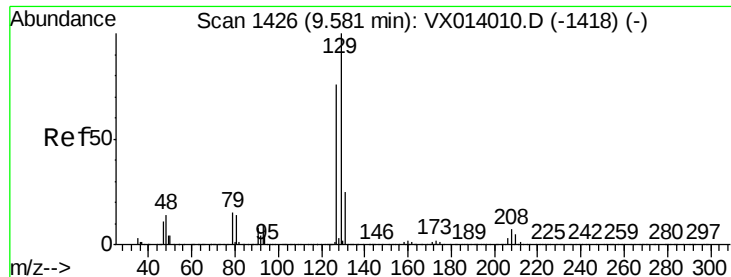
Tgt Ion: 43 Resp: 1634678

Ion Ratio Lower Upper

43 100

58 55.3 28.0 84.0





#60

Dibromochloromethane

Concen: 56.190 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion:129 Resp: 282842

Ion Ratio Lower Upper

129 100

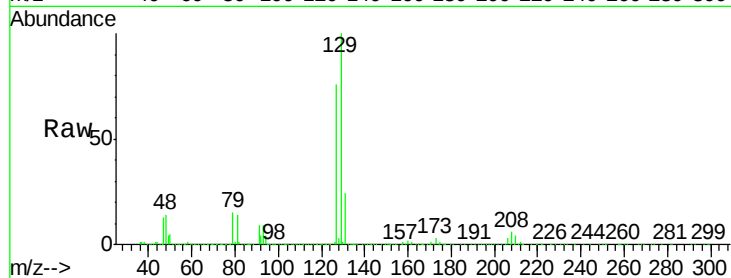
127 76.7 38.4 115.2

Manual Integrations

APPROVED

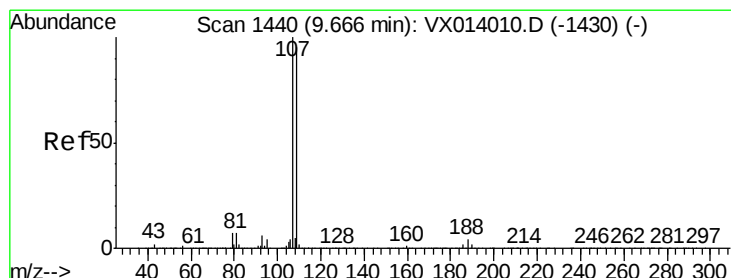
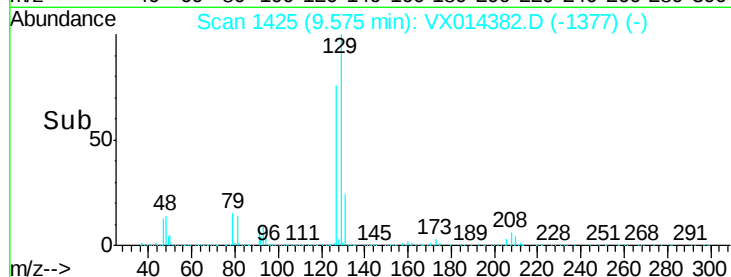
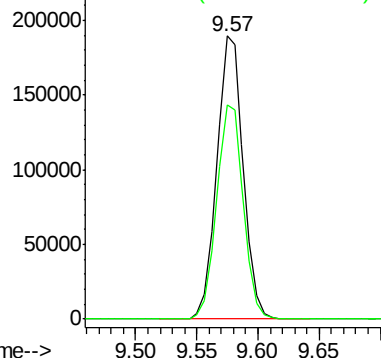
apatel

1/2/2020 9:54:37 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.935 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014382.D

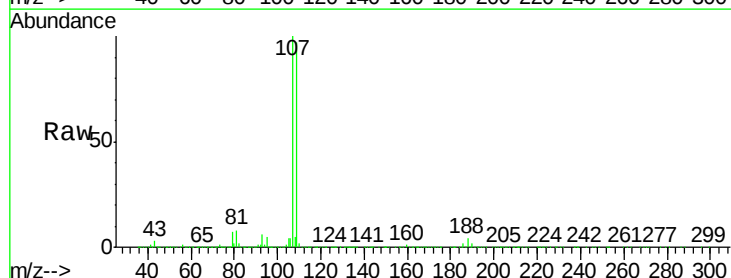
Acq: 31 Dec 2019 16:03

Tgt Ion:107 Resp: 279453

Ion Ratio Lower Upper

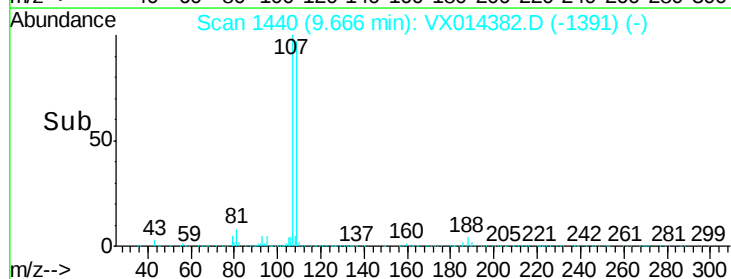
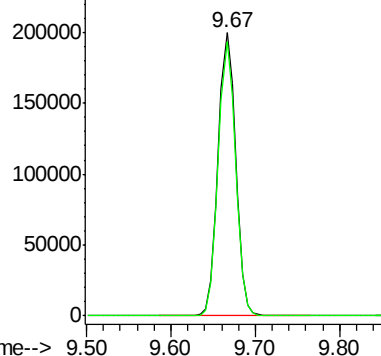
107 100

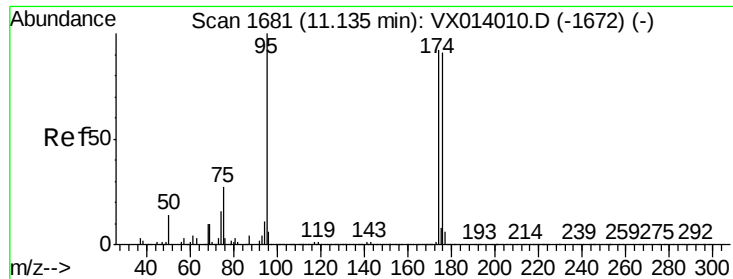
109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.793 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

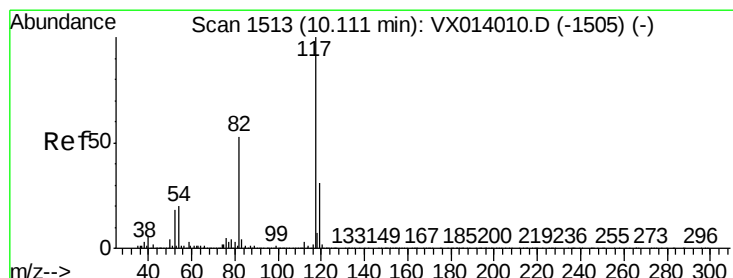
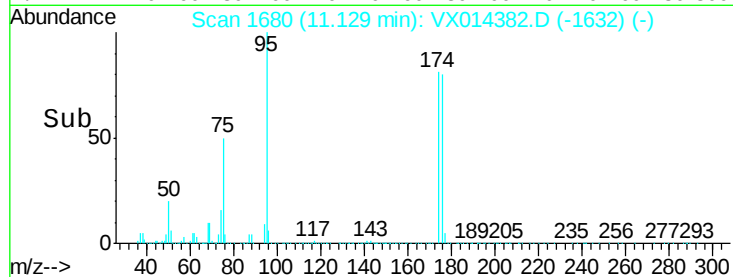
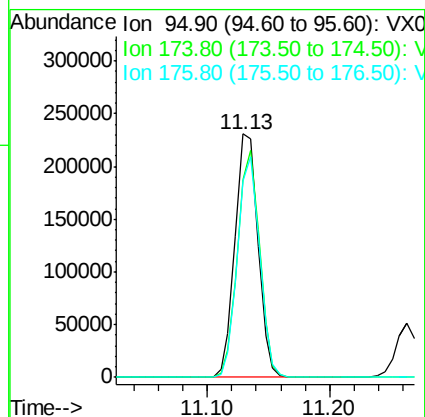
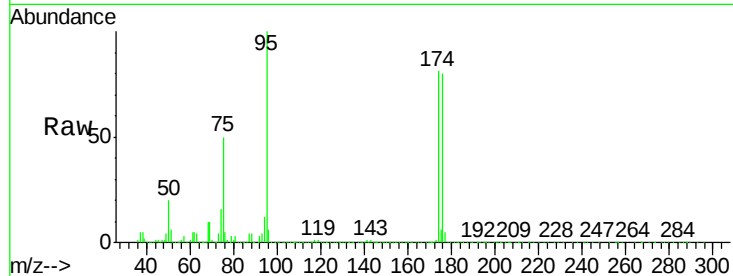
ClientSampleId :

GW-1MSD

Tot Ion:	95	Resp:	298883
Ion Ratio	Lower	Upper	
95	100		
174	89.3	0.0	175.8
176	87.5	0.0	173.0

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

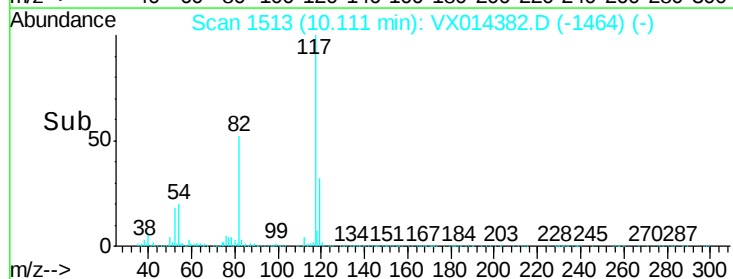
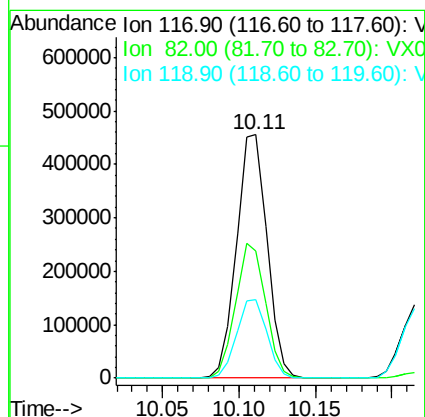
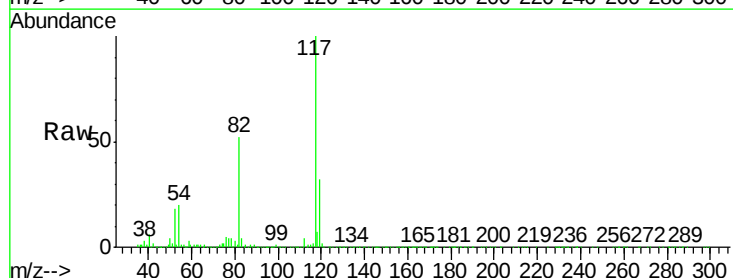
RT: 10.11 min Scan# 1513

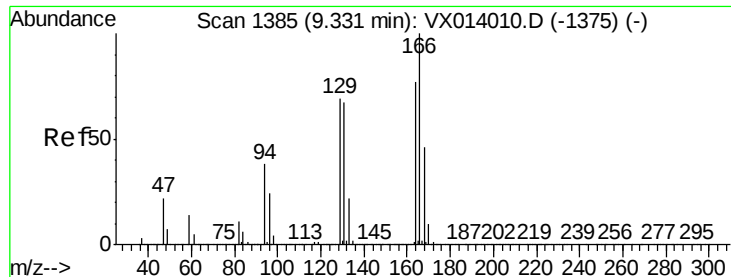
Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion:	117	Resp:	632455
Ion Ratio	Lower	Upper	
117	100		
82	51.9	42.2	63.4
119	32.5	25.1	37.7





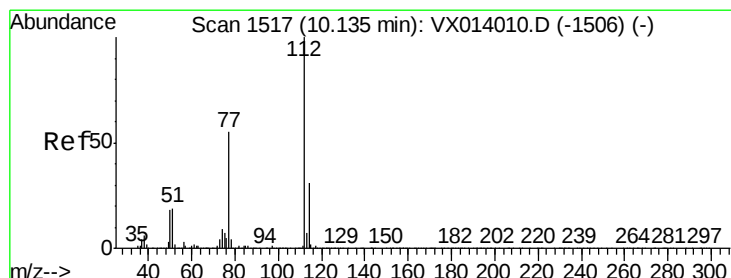
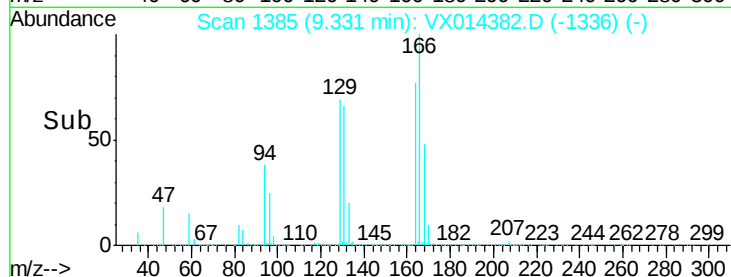
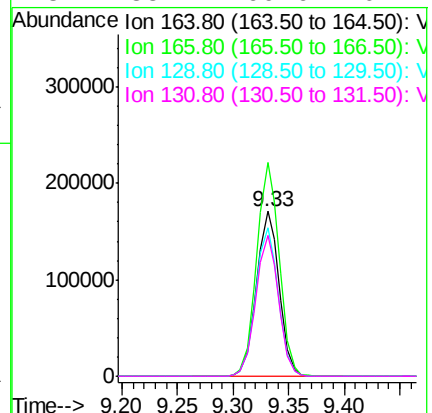
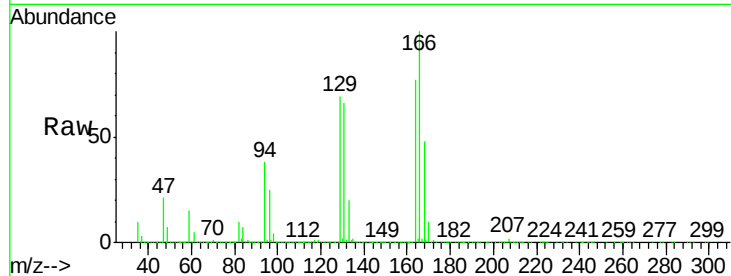
#64
Tetrachloroethene
Concen: 43.355 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.6	104.0	156.0
129	89.8	72.2	108.4
131	85.1	69.6	104.4

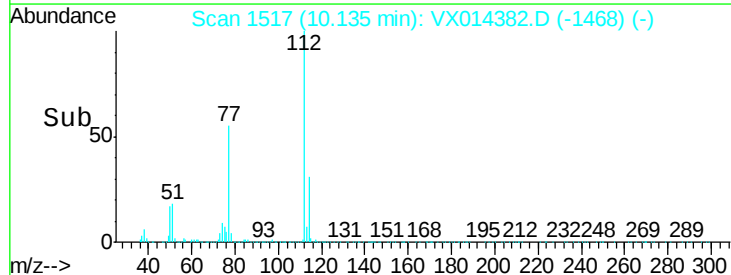
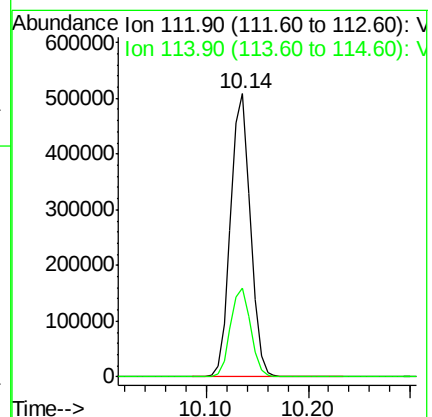
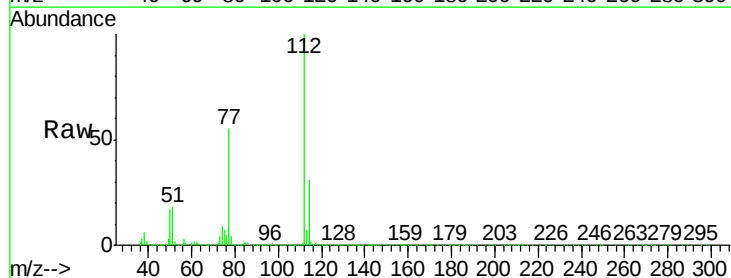
Manual Integrations
APPROVED

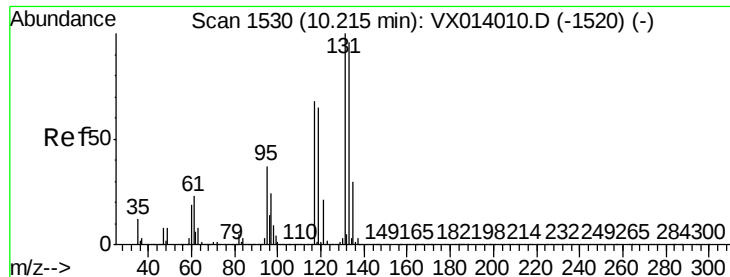
apatel
1/2/2020 9:54:37 AM



#65
Chlorobenzene
Concen: 50.751 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	24.9	37.3





#66

1,1,1,2-Tetrachloroethane

Concen: 54.532 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

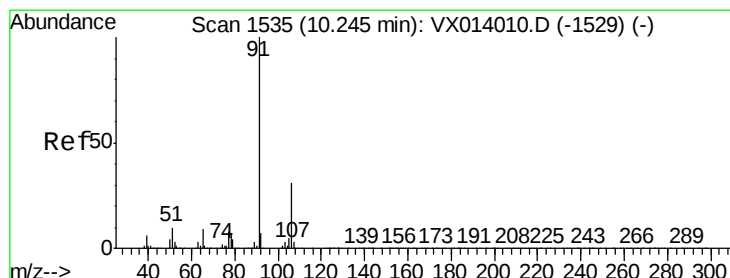
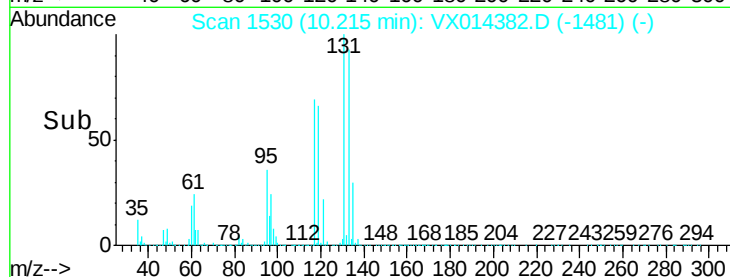
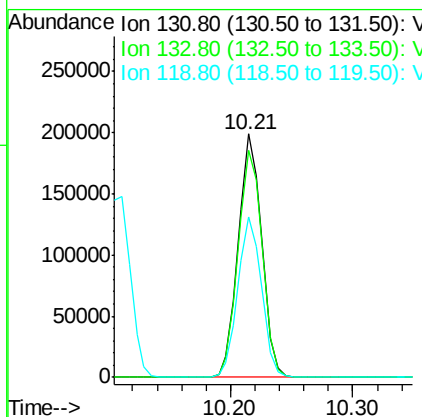
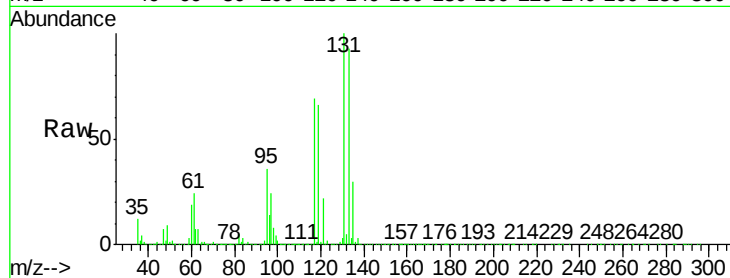
ClientSampled :

GW-1MSD

Tot Ion:	131	Resp:	261840
Ion Ratio	Lower	Upper	
131	100		
133	96.4	48.0	144.0
119	66.5	33.4	100.2

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#67

Ethyl Benzene

Concen: 51.949 ug/l

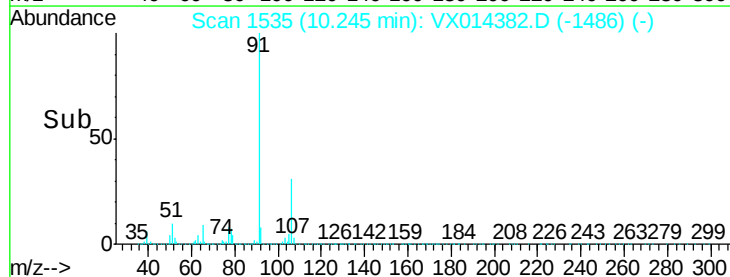
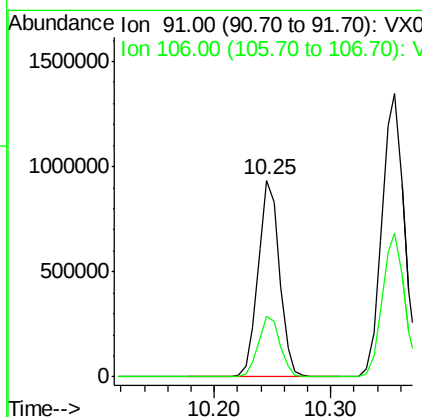
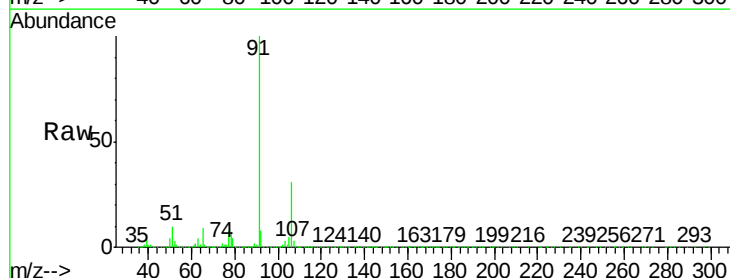
RT: 10.25 min Scan# 1535

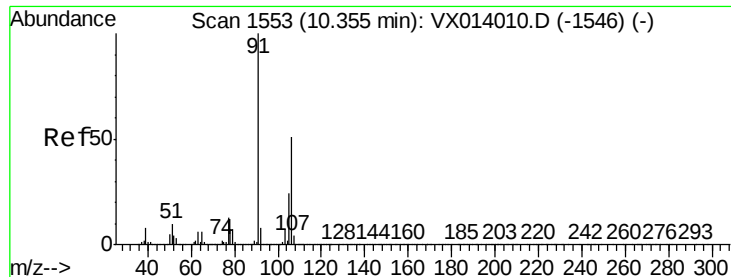
Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion:	91	Resp:	1201035
Ion Ratio	Lower	Upper	
91	100		
106	31.1	25.0	37.6





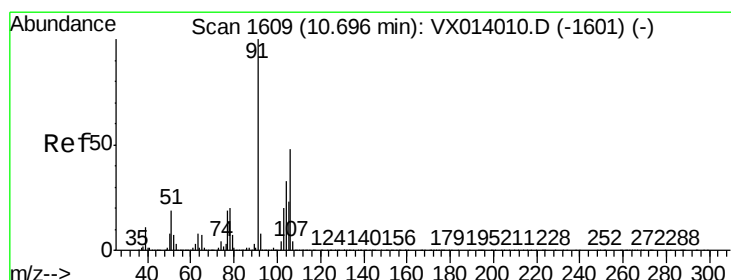
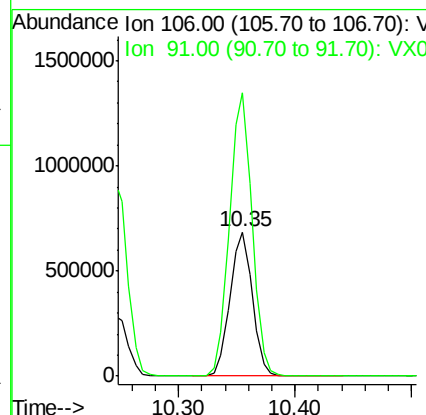
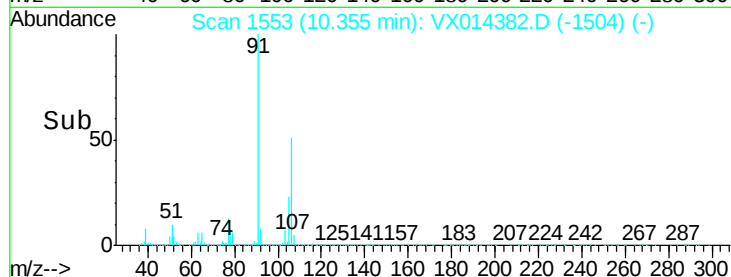
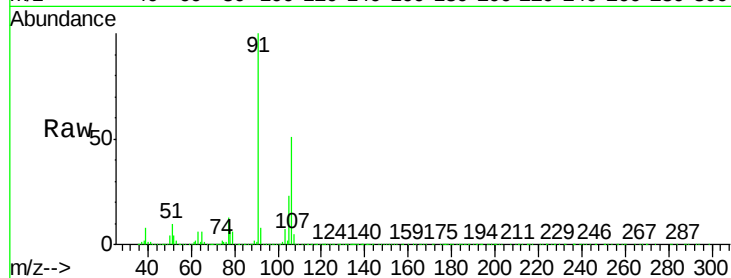
#68
m/p-Xylenes
Concen: 102.241 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
106	100	909135		
91	198.1	158.6	238.0	

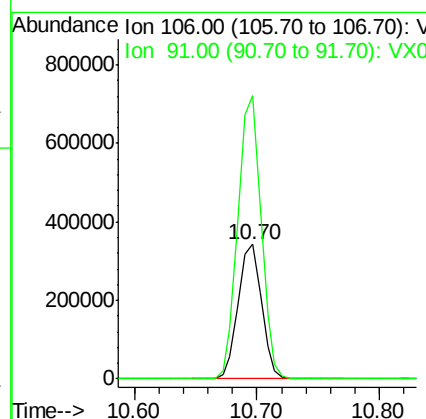
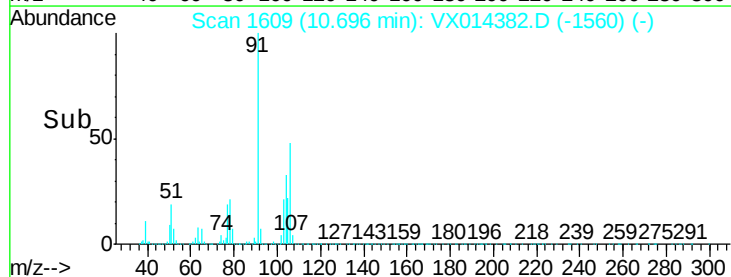
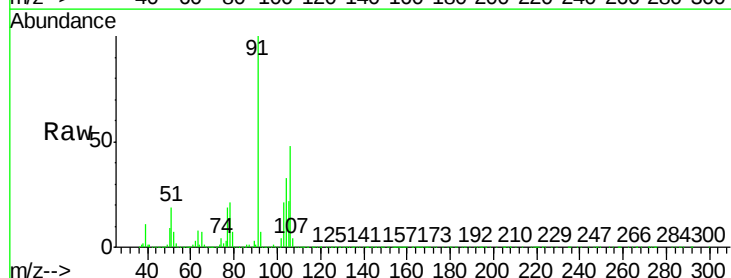
Manual Integrations
APPROVED

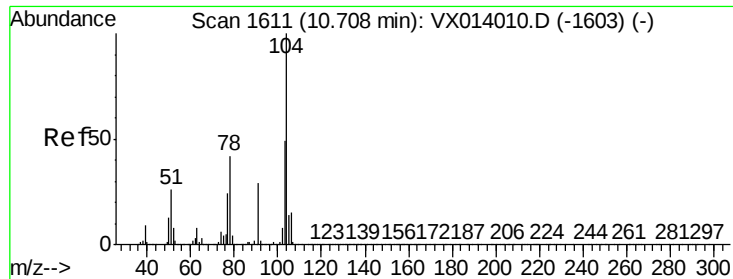
apatel
1/2/2020 9:54:37 AM



#69
o-Xylene
Concen: 51.765 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	451439		
91	208.7	104.2	312.6	





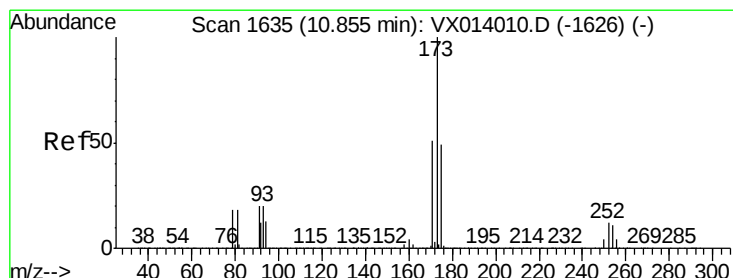
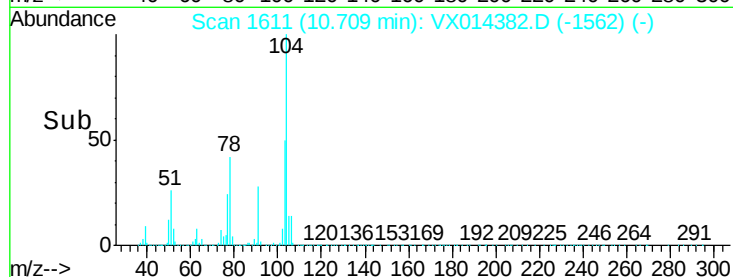
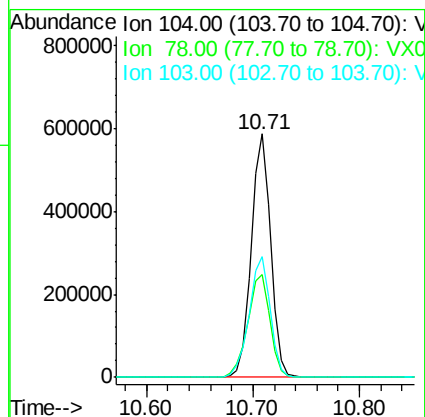
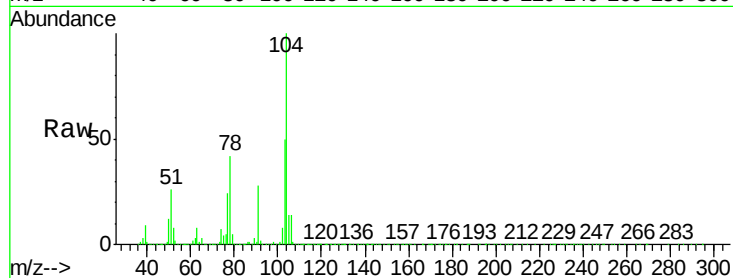
#70
Stvrene
Concen: 50.979 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp Lower	Upper
104	100		
78	48.6	38.5	57.7
103	54.3	42.9	64.3

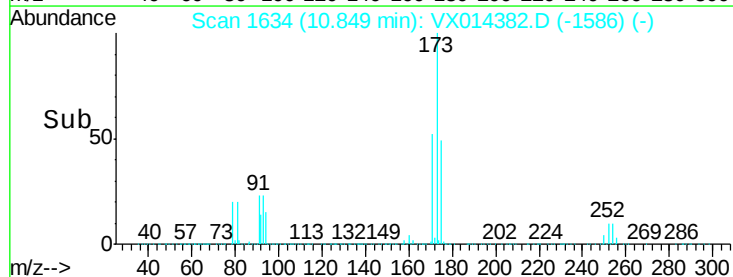
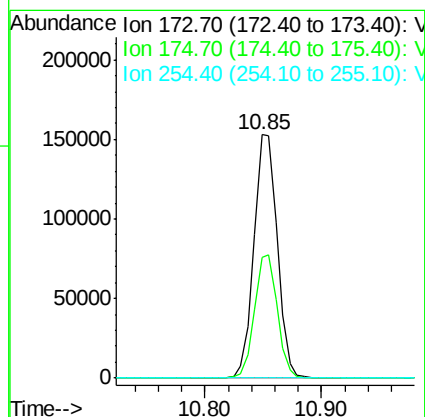
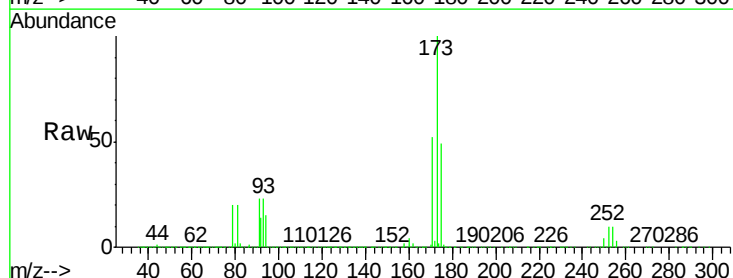
Manual Integrations
APPROVED

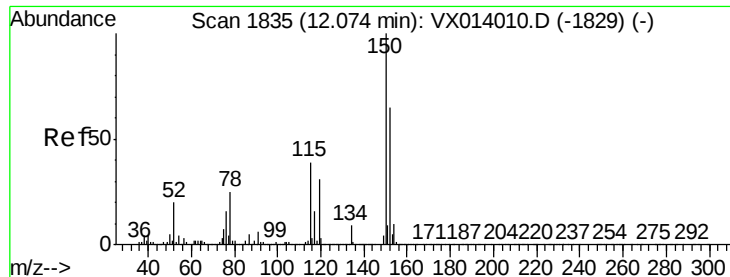
apatel
1/2/2020 9:54:37 AM



#71
Bromoform
Concen: 55.683 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp Lower	Upper
173	100		
175	49.1	24.4	73.4
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

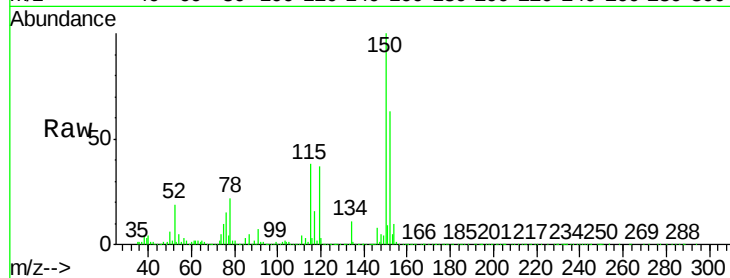
ClientSampled :

GW-1MSD

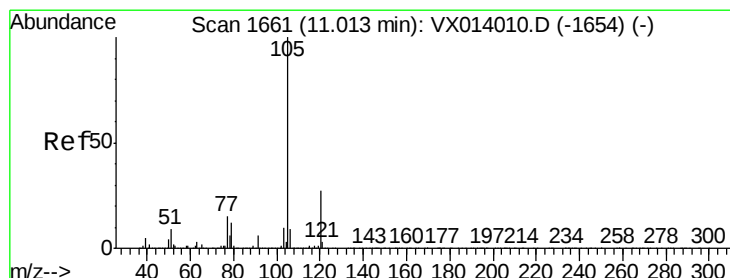
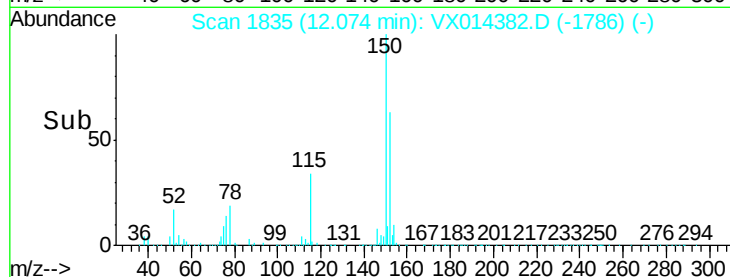
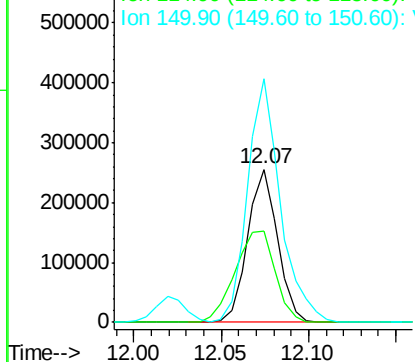
Tot Ion:	152	Resp:	301770
Ion Ratio	Lower	Upper	
152	100		
115	80.6	38.3	114.9
150	175.3	0.0	345.4

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 55.861 ug/l

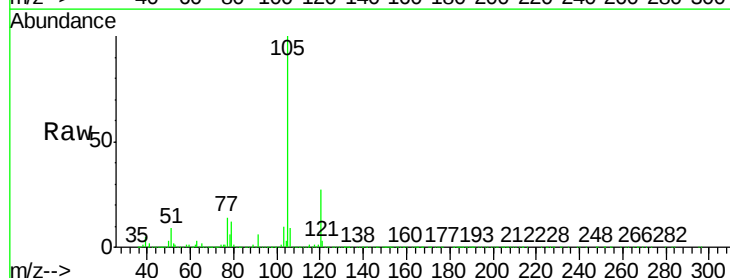
RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

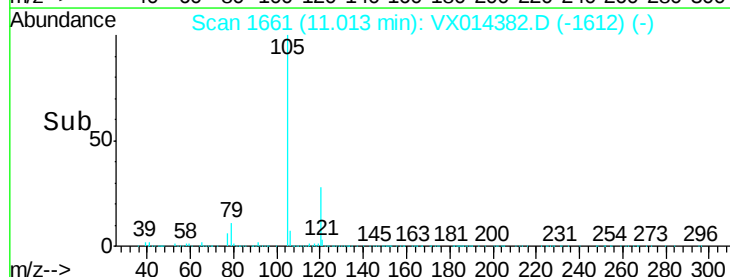
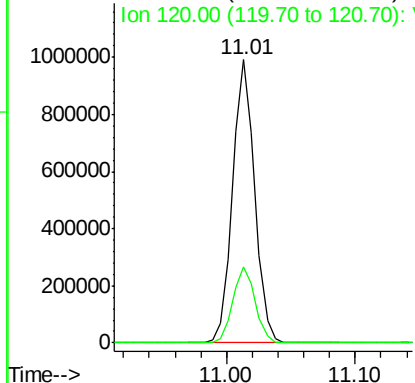
Lab File: VX014382.D

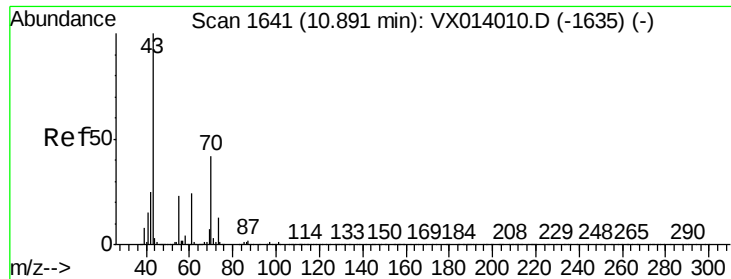
Acq: 31 Dec 2019 16:03

Tgt Ion:	105	Resp:	1186875
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.5	40.4



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





#74

N-amvl acetate

Concen: 59.518 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

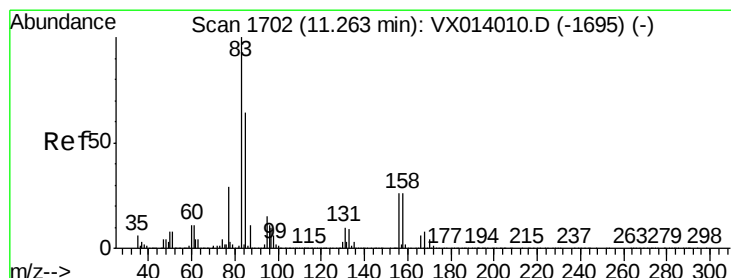
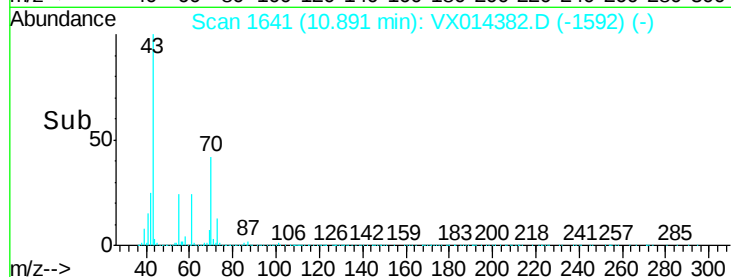
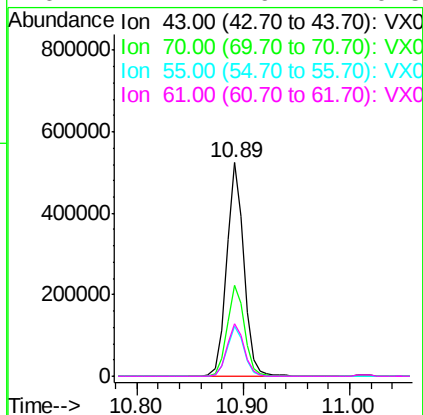
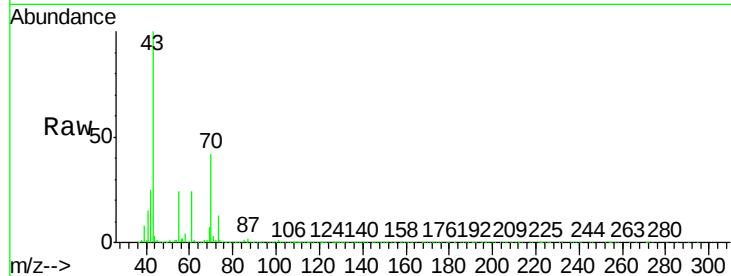
ClientSampleId :

GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
43	100	592759		
70	43.1		34.4	51.6
55	23.5		19.1	28.7
61	24.7		19.7	29.5

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 58.915 ug/l

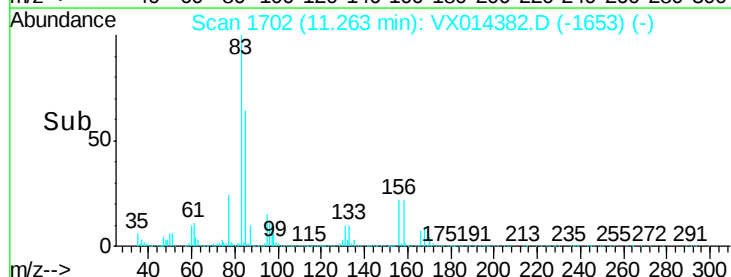
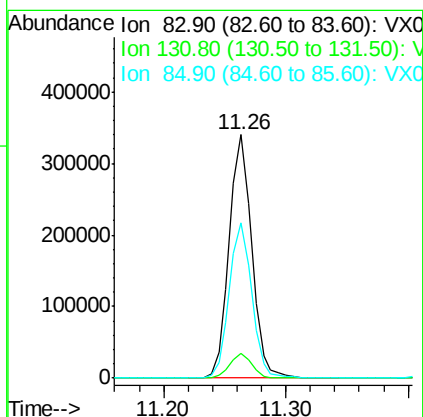
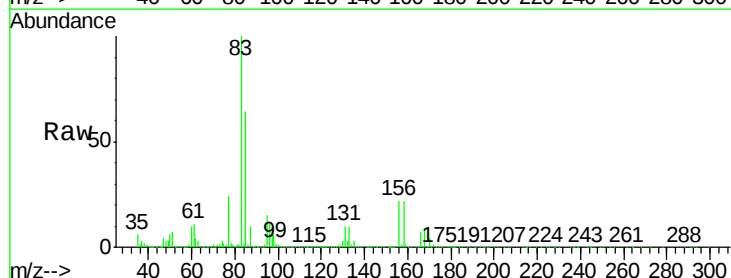
RT: 11.26 min Scan# 1702

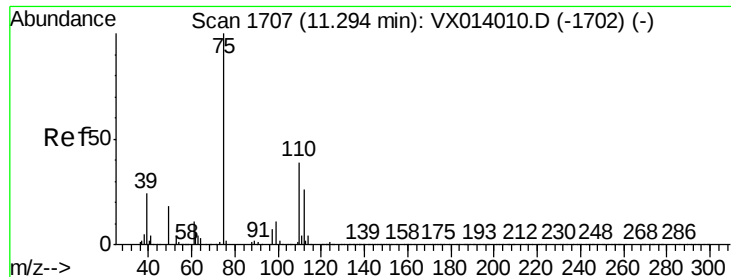
Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	433979		
131	10.0		5.1	15.2
85	64.1		31.9	95.7





#76

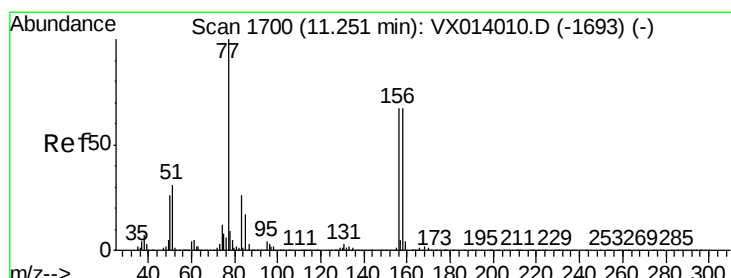
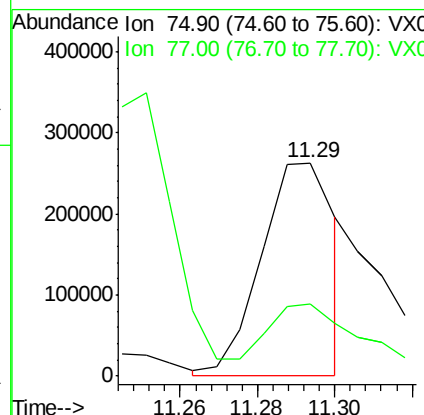
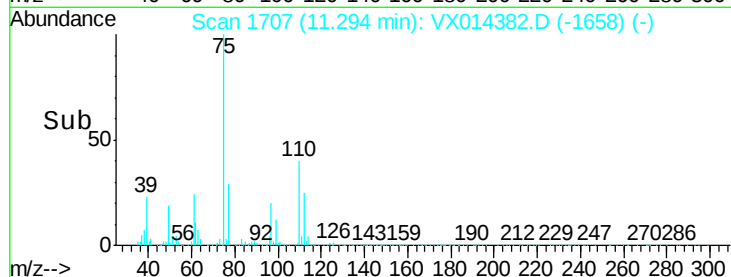
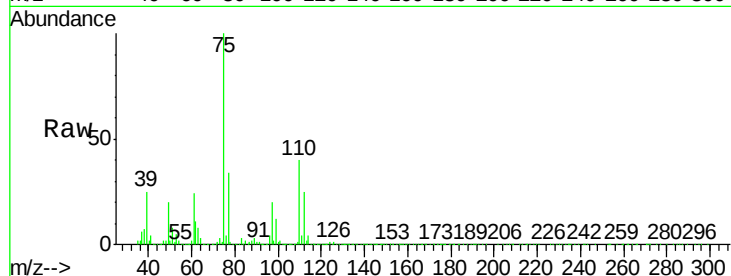
1,2,3-Trichloropropane
Concen: 53.126 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	43.6	19.3	57.8

Manual Integrations
APPROVED

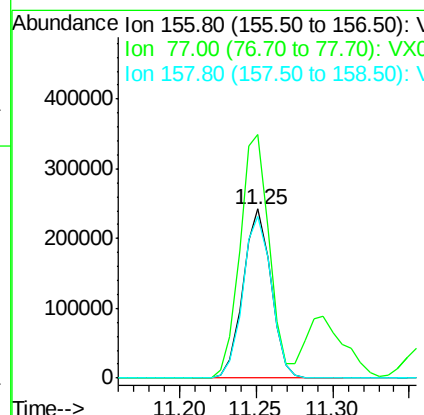
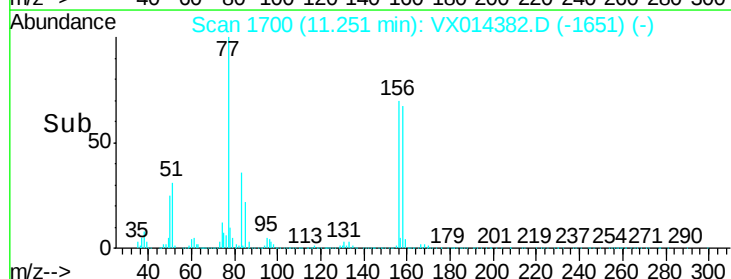
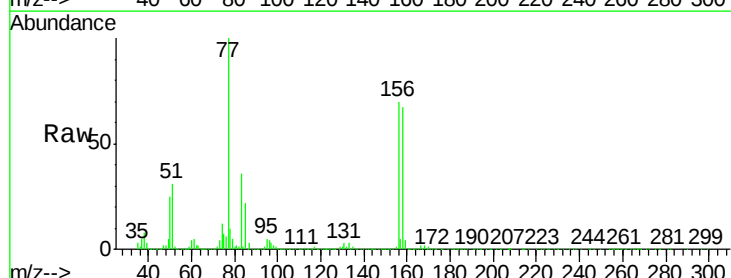
apatel
1/2/2020 9:54:37 AM

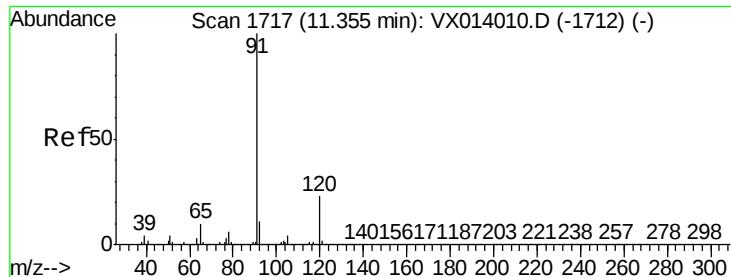


#77

Bromobenzene
Concen: 52.424 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
156	100		
77	152.2	76.5	229.5
158	97.8	49.3	147.9





#78

n-propylbenzene

Concen: 55.197 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 91 Resp: 1315472

Ion Ratio Lower Upper

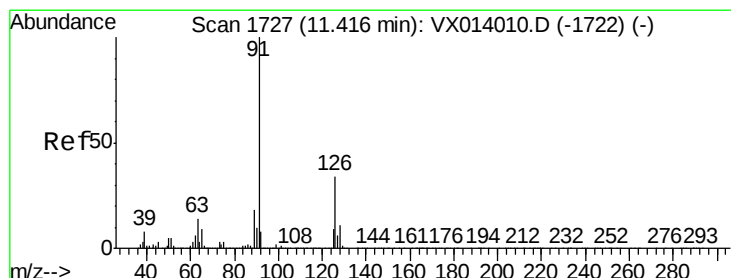
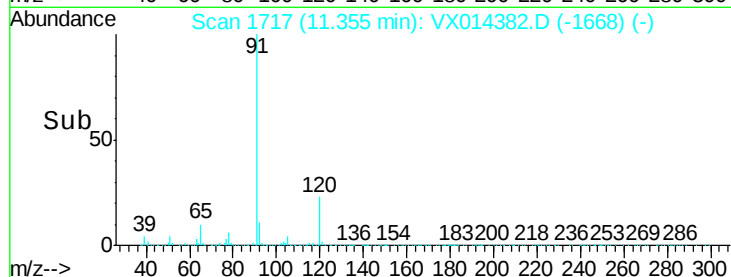
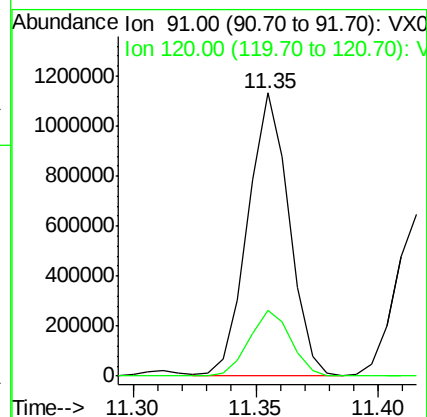
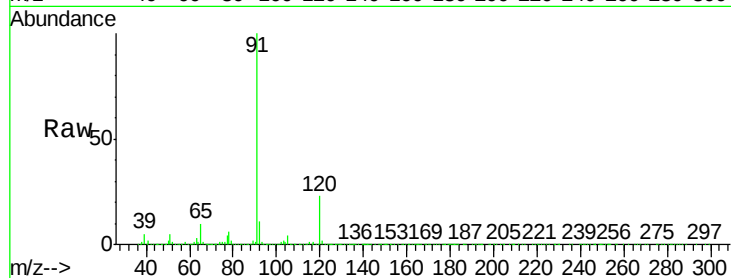
91 100

120 23.5 11.7 35.0

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:37 AM



#79

2-Chlorotoluene

Concen: 54.067 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014382.D

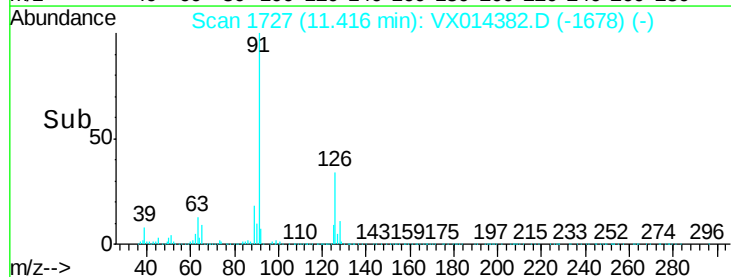
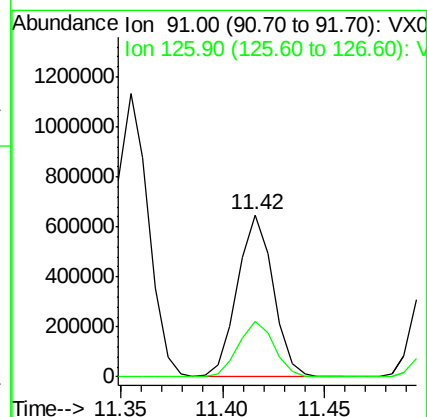
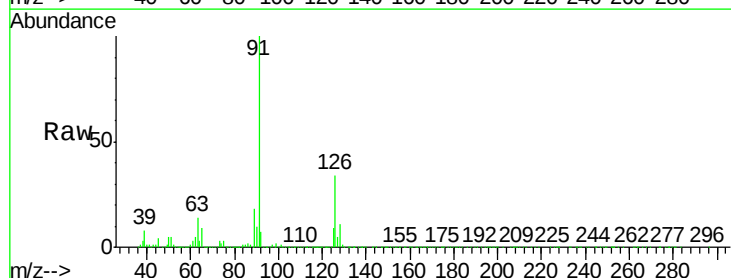
Acq: 31 Dec 2019 16:03

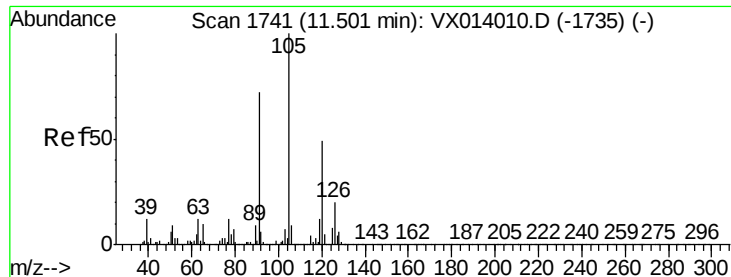
Tgt Ion: 91 Resp: 783274

Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 54.639 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

GW-1MSD

Tot Ion: 105 Resp: 977021

Ion Ratio Lower Upper

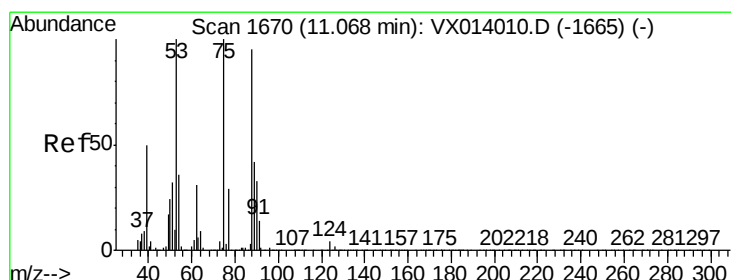
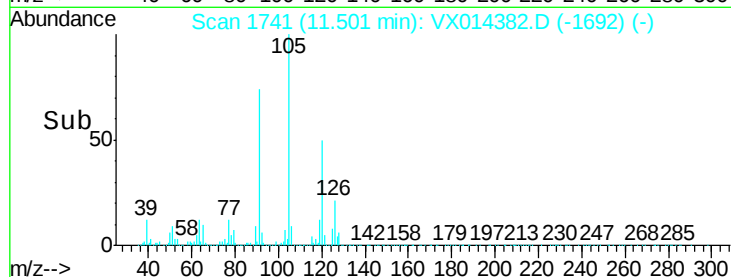
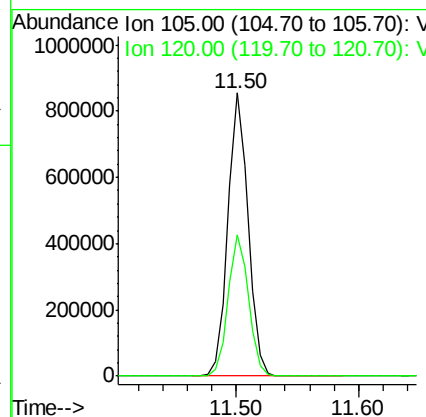
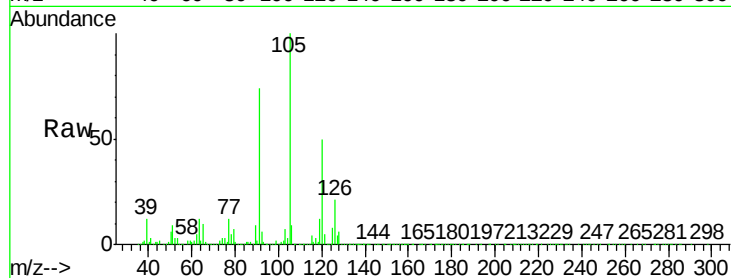
105 100

120 50.2 25.3 75.8

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:37 AM



#81

trans-1,4-Dichloro-2-butene

Concen: 59.992 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

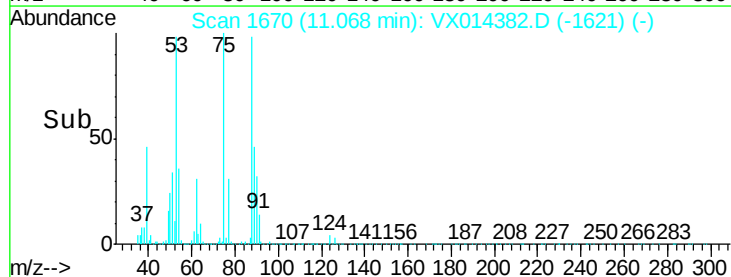
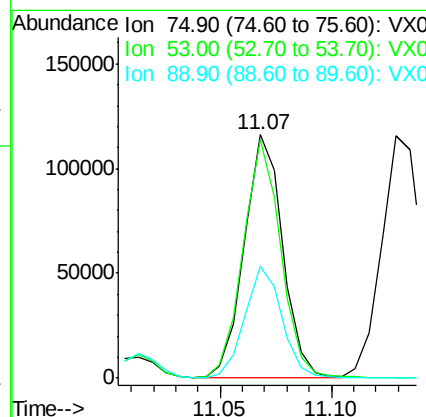
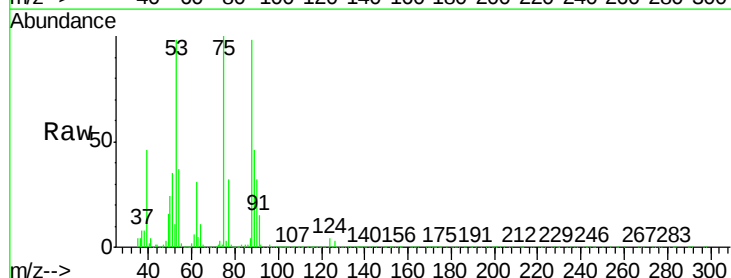
Tgt Ion: 75 Resp: 139247

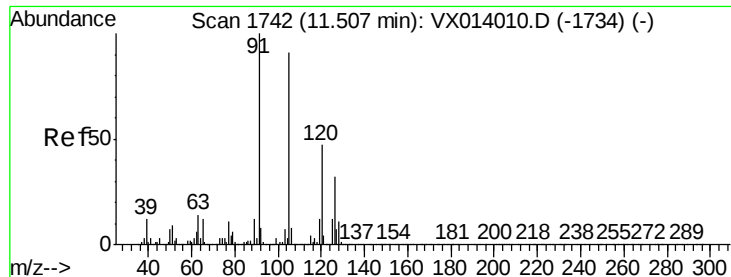
Ion Ratio Lower Upper

75 100

53 95.9 76.7 115.1

89 45.0 34.6 51.8





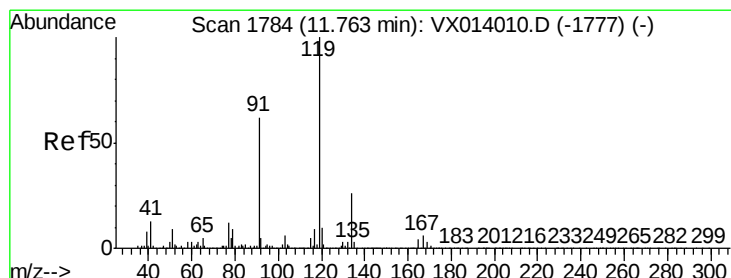
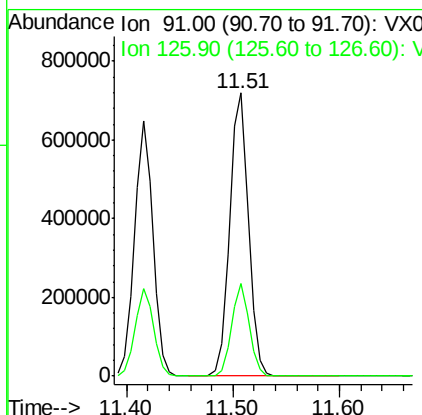
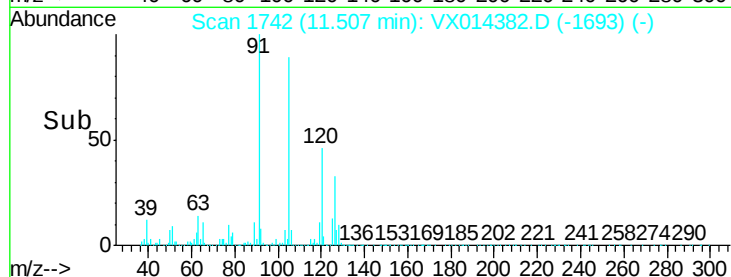
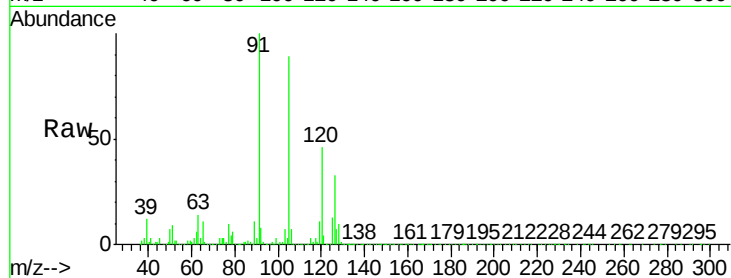
#82
4-Chlorotoluene
Concen: 52.941 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.6	46.8

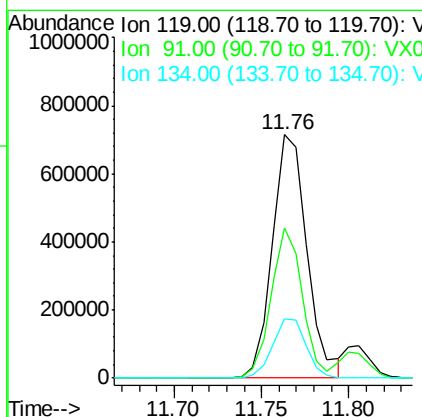
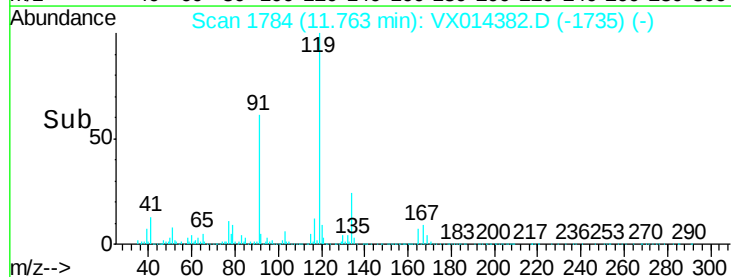
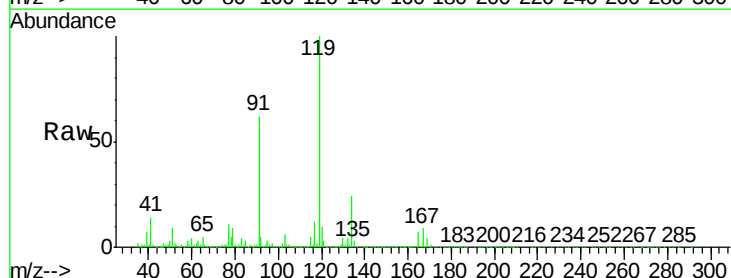
Manual Integrations
APPROVED

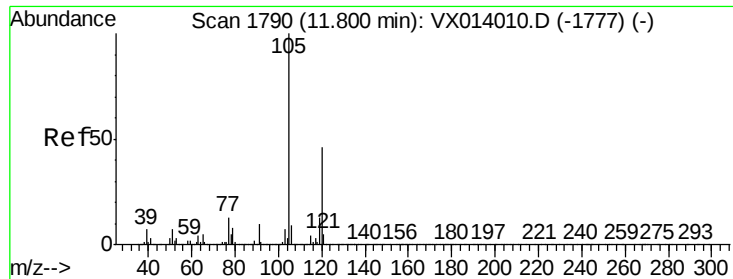
apatel
1/2/2020 9:54:37 AM



#83
tert-Butylbenzene
Concen: 56.798 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.0	28.5	85.6
134	23.6	12.2	36.6





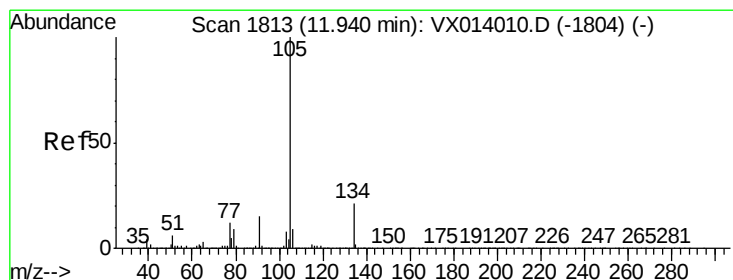
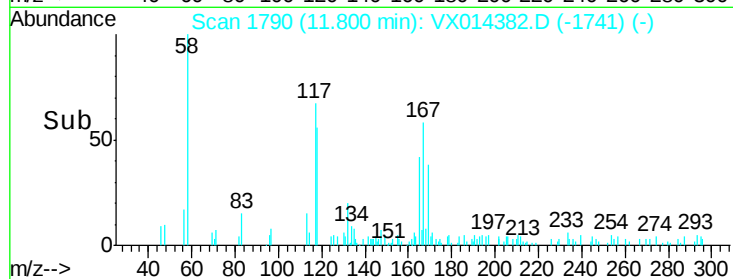
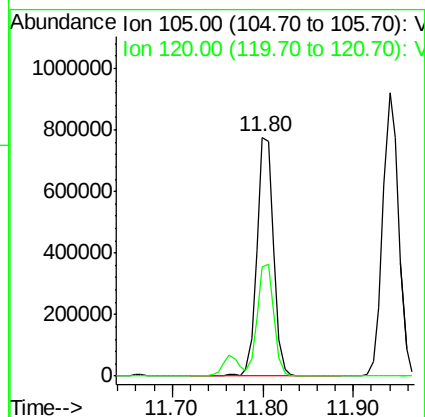
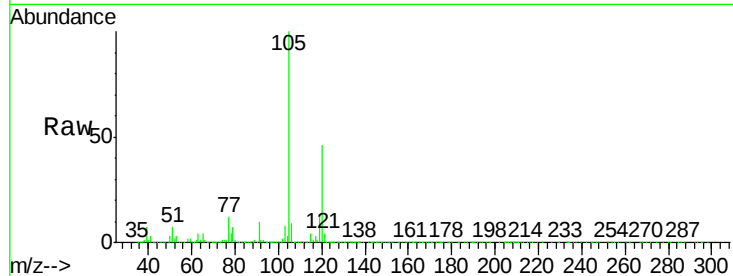
#84
 1,2,4-Trimethylbenzene
 Concen: 54.664 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Instrument :
 MSVOA_X
 ClientSampled :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2

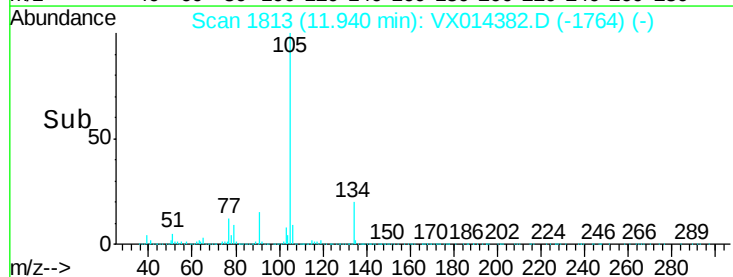
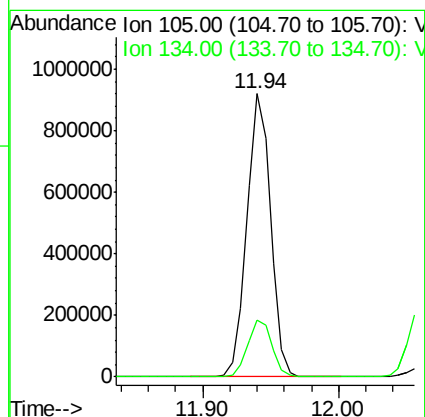
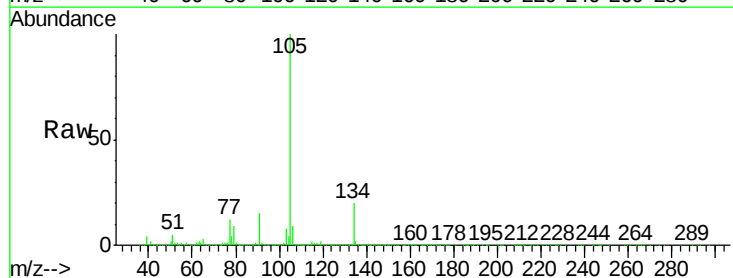
Manual Integrations
 APPROVED

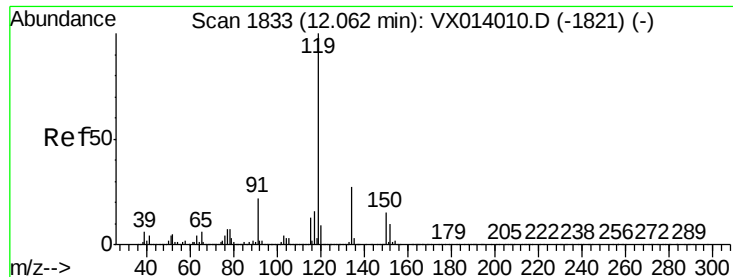
apatel
 1/2/2020 9:54:37 AM



#85
 sec-Butylbenzene
 Concen: 54.593 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.4	31.1





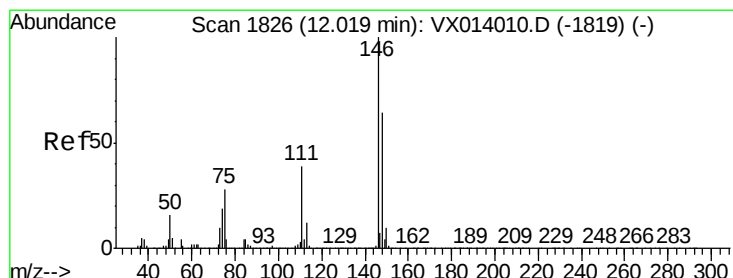
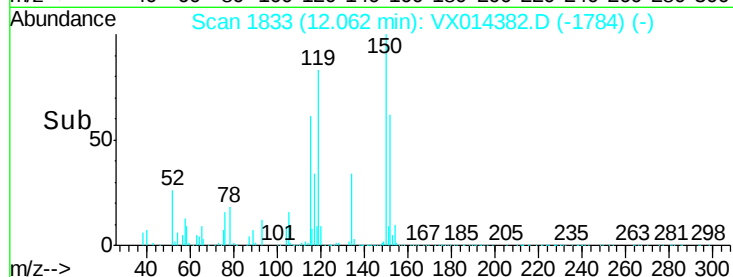
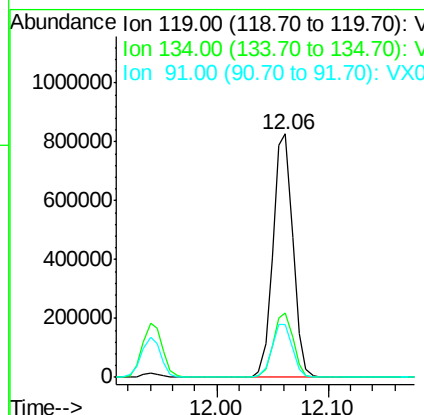
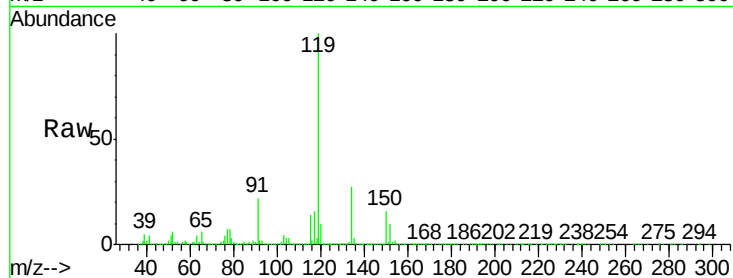
#86
 p-Isopropyltoluene
 Concen: 54.868 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Instrument :
 MSVOA_X
 ClientSampled :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.1
91	22.4	11.4	34.1

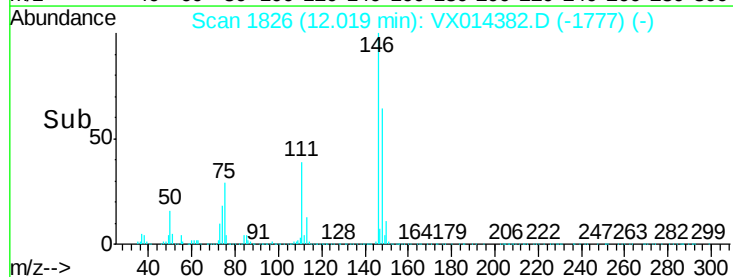
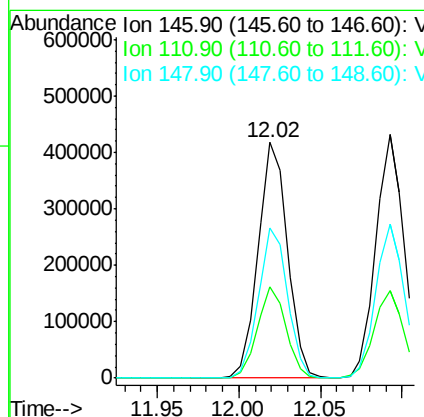
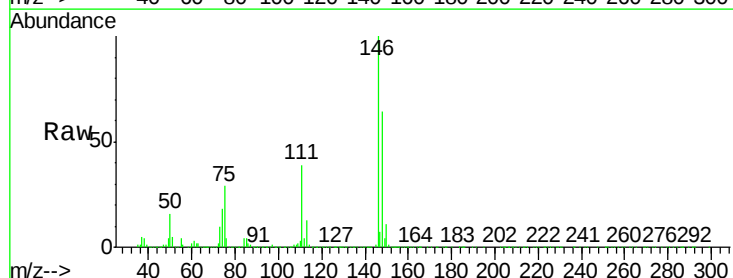
Manual Integrations
 APPROVED

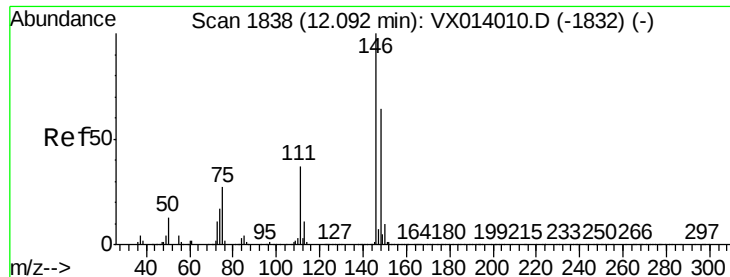
apatel
 1/2/2020 9:54:37 AM



#87
 1,3-Dichlorobenzene
 Concen: 51.209 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.3	32.3	96.9





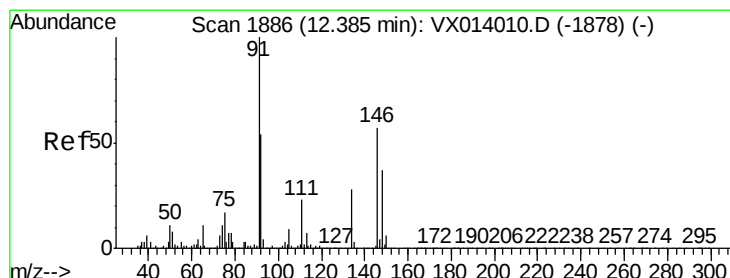
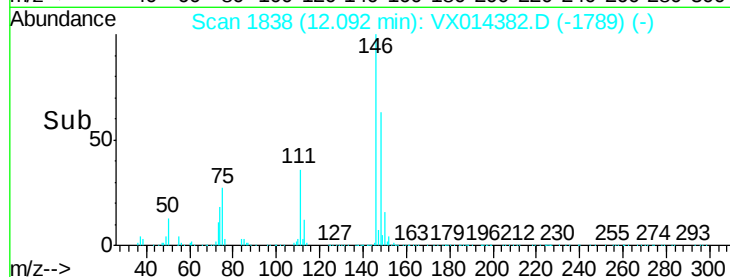
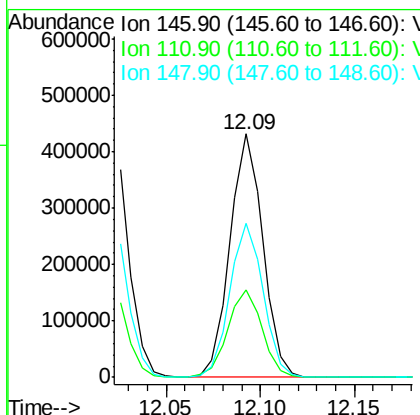
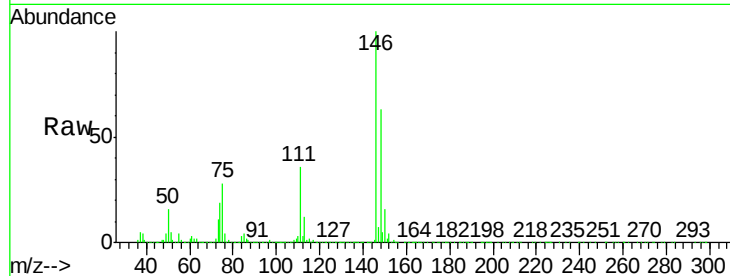
#88
 1,4-Dichlorobenzene
 Concen: 50.067 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Instrument :
 MSVOA_X
 ClientSampled :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.0	31.9	95.9

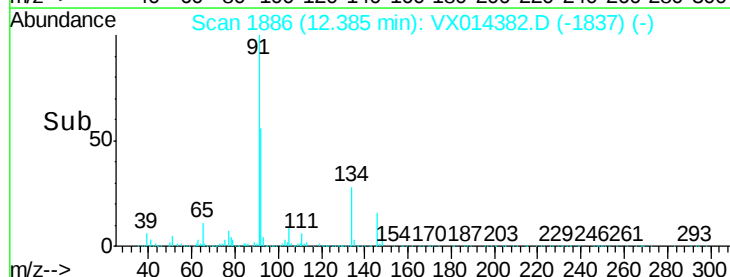
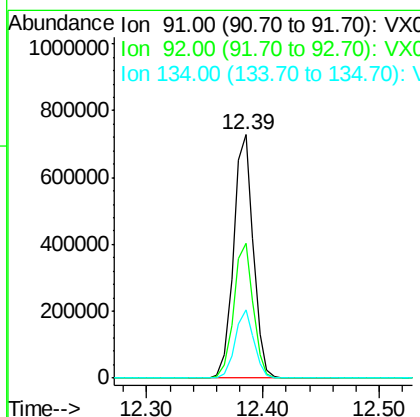
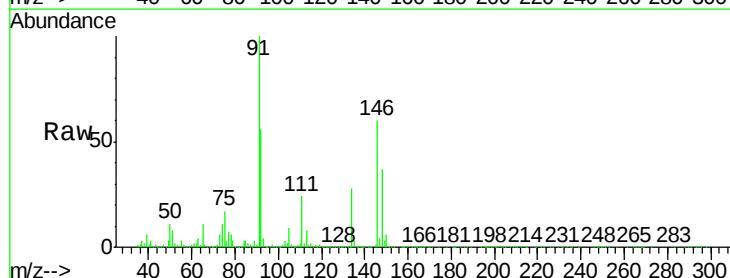
Manual Integrations
 APPROVED

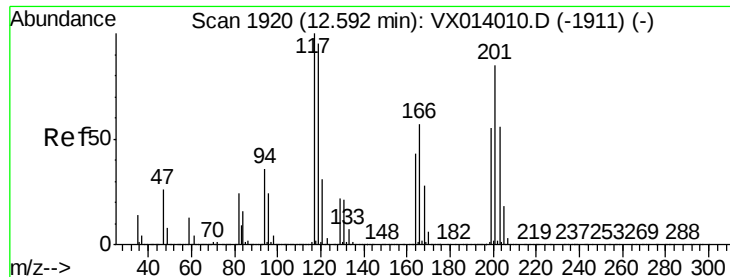
apatel
 1/2/2020 9:54:37 AM



#89
 n-Butylbenzene
 Concen: 53.506 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	26.8	13.4	40.1





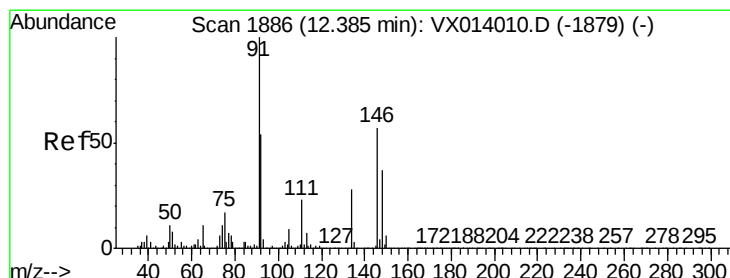
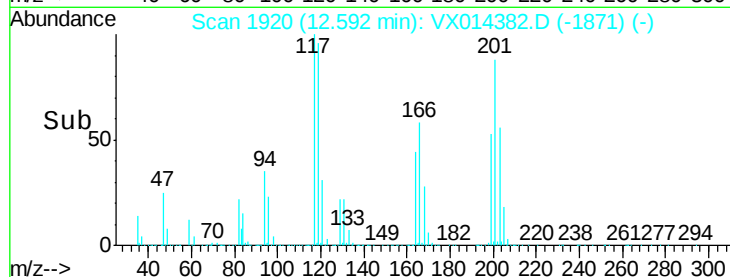
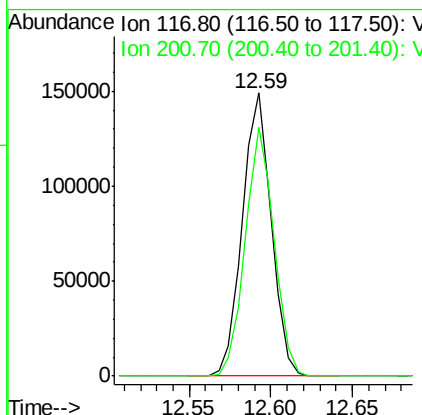
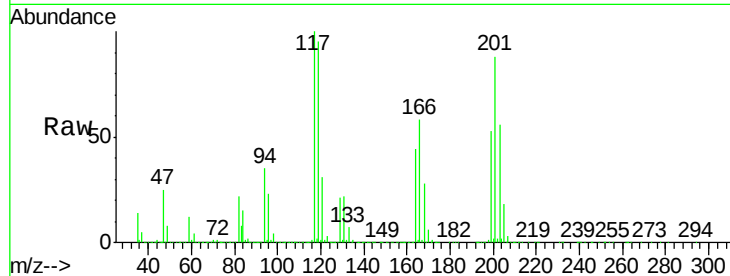
#90
Hexachloroethane
Concen: 54.606 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Instrument :
MSVOA_X
ClientSampleId :
GW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	184310		
201	87.7	43.1	129.3	

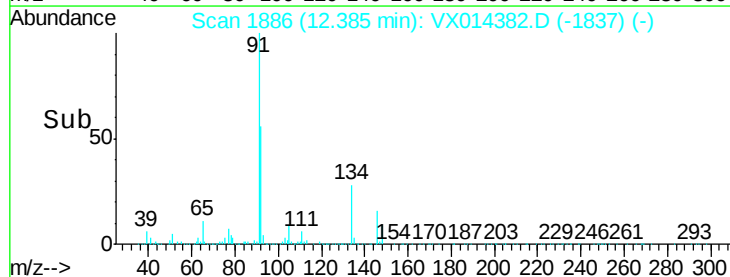
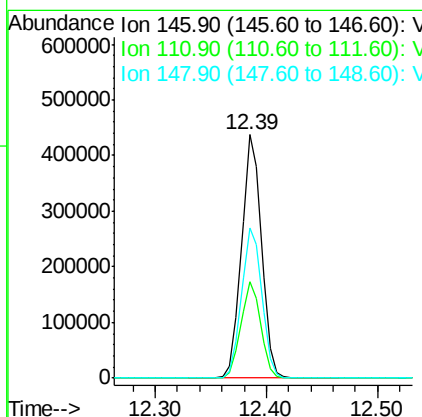
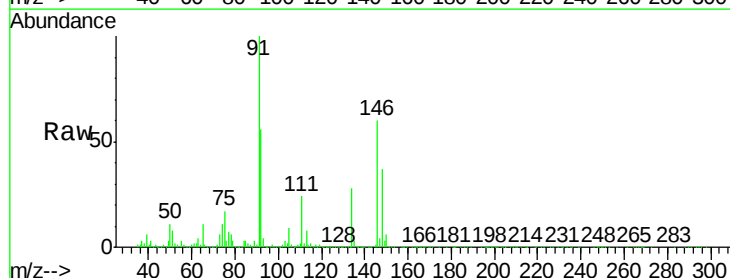
Manual Integrations
APPROVED

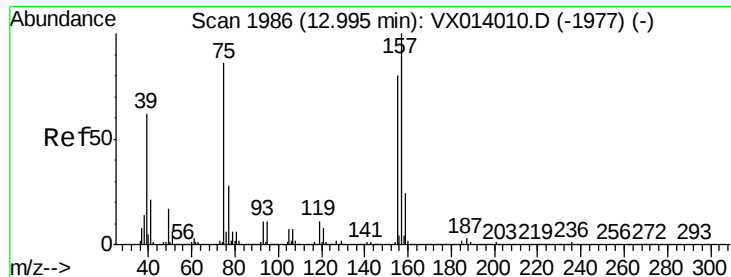
apatel
1/2/2020 9:54:37 AM



#91
1,2-Dichlorobenzene
Concen: 52.528 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014382.D
Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	541752		
111	39.3	19.7	59.1	
148	63.0	32.1	96.5	





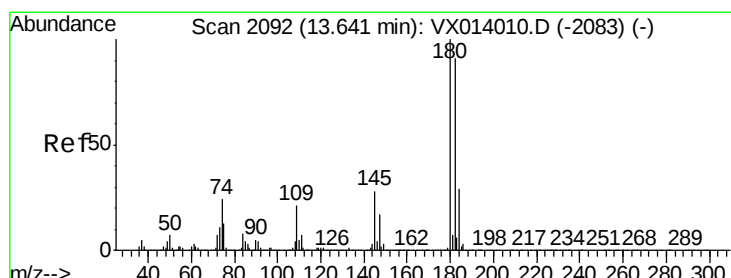
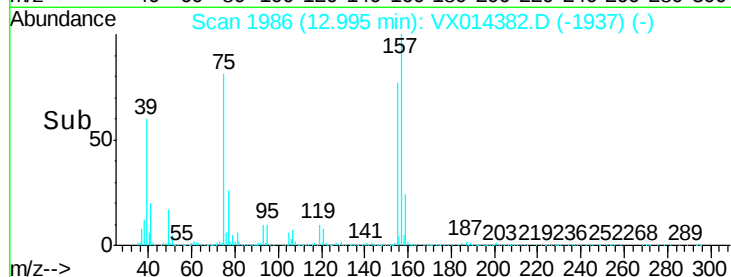
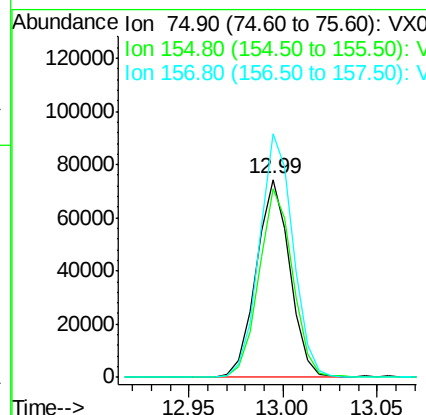
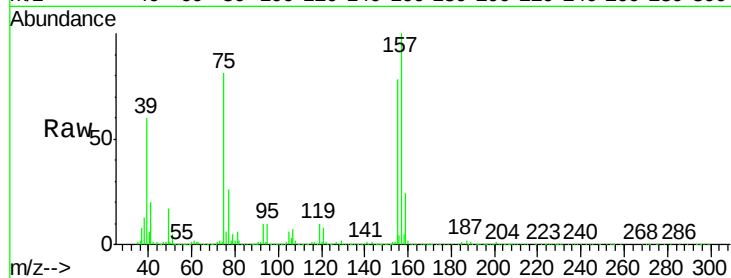
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.879 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.8	46.9	140.6
157	124.5	60.8	182.4

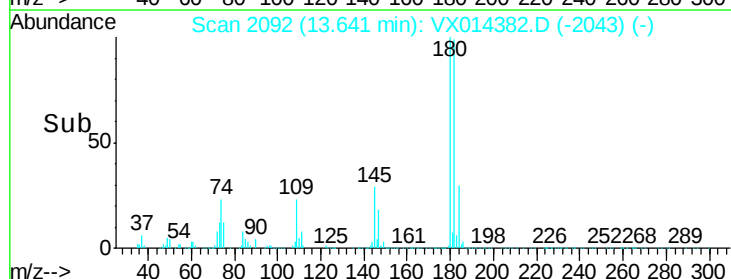
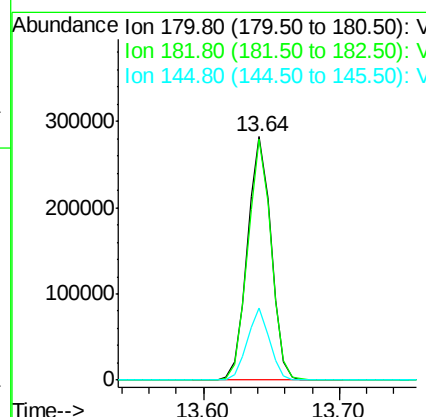
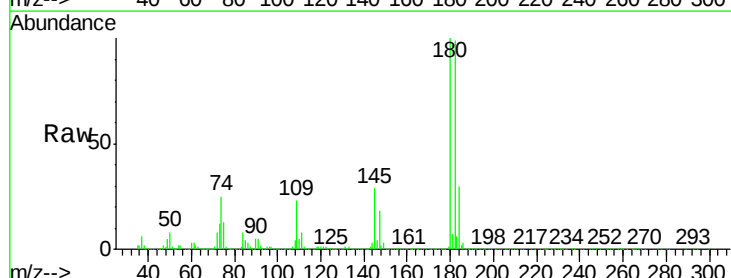
Manual Integrations
 APPROVED

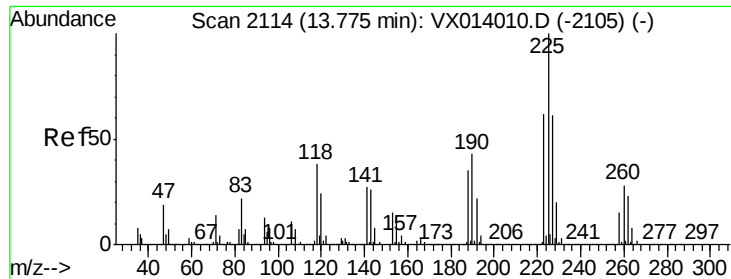
apatel
 1/2/2020 9:54:37 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.164 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.6	139.8
145	28.0	14.2	42.6





#94

Hexachlorobutadiene

Concen: 50.450 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Instrument :

MSVOA_X

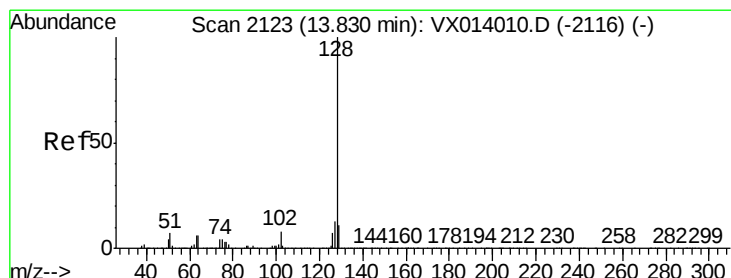
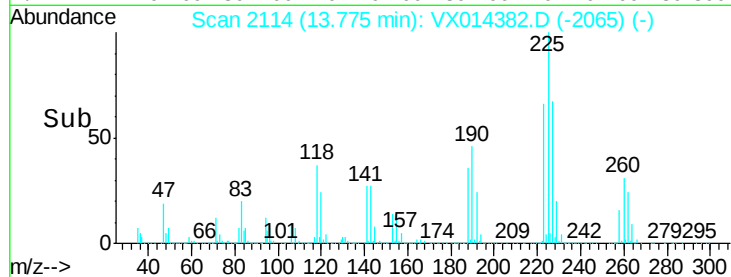
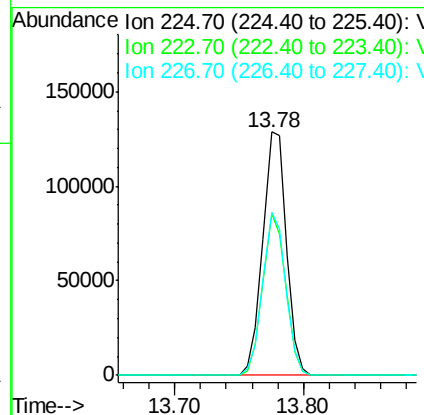
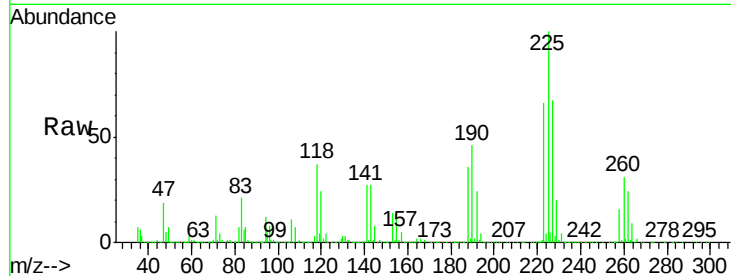
ClientSampleId :

GW-1MSD

Tot Ion:	225	Resp:	162533
Ion Ratio		Lower	Upper
225	100		
223	64.8	30.9	92.5
227	65.2	30.9	92.7

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:37 AM



#95

Naphthalene

Concen: 56.955 ug/l

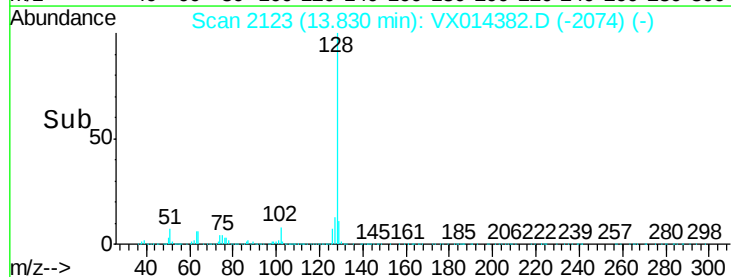
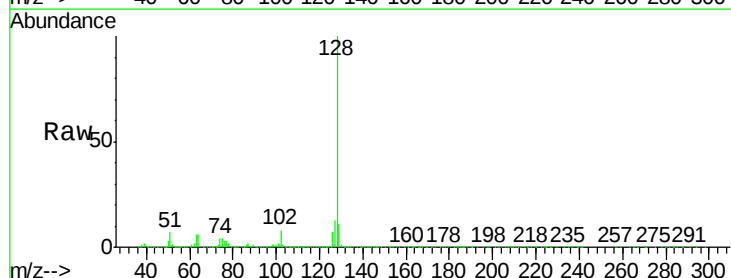
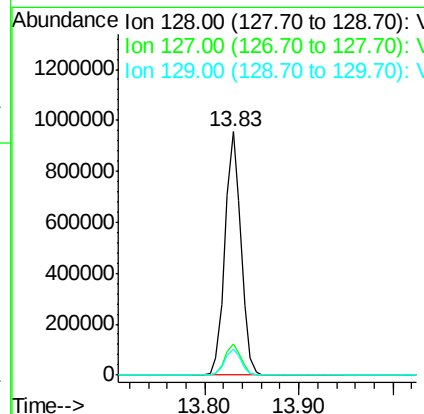
RT: 13.83 min Scan# 2123

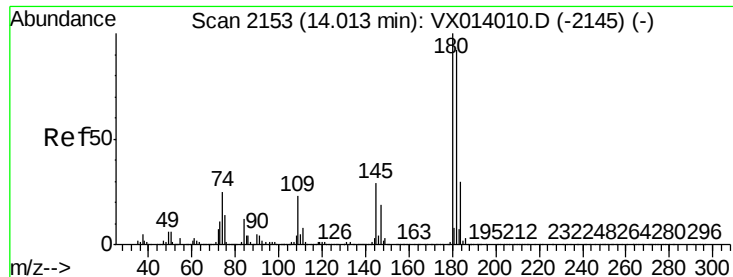
Delta R.T. 0.00 min

Lab File: VX014382.D

Acq: 31 Dec 2019 16:03

Tgt Ion:	128	Resp:	1121729
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 54.396 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX014382.D
 Acq: 31 Dec 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1MSD

Tot Ion:	180	Resp:	359954
Ion Ratio		Lower	Upper
180	100		
182	94.2	46.8	140.3
145	30.0	14.8	44.4

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:37 AM

