

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014141.D
 Acq On : 20 Dec 2019 00:23
 Operator : JC/SP
 Sample : VX1219WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX1219WBS03

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:23:36 AM

Quant Time: Dec 20 04:27:26 2019
 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	534065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	751055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	303790	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	5.49	113	252847	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	977387	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.13	95	341879	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	83563	17.489	ug/l	100
3) Chloromethane	1.32	50	117176	18.274	ug/l	99
4) Vinyl Chloride	1.40	62	123068	18.190	ug/l	98
5) Bromomethane	1.63	94	80157	16.692	ug/l	96
6) Chloroethane	1.72	64	77971	18.672	ug/l	95
7) Trichlorofluoromethane	1.92	101	156209	18.651	ug/l	99
8) Diethyl Ether	2.18	74	72672	18.488	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90774	17.980	ug/l	99
10) Methyl Iodide	2.50	142	105852	17.686	ug/l	99
11) Tert butyl alcohol	3.03	59	121147	92.628	ug/l	99
12) 1,1-Dichloroethene	2.37	96	92519	18.009	ug/l	96
13) Acrolein	2.28	56	75287	100.560	ug/l	99
14) Allyl chloride	2.72	41	166100	18.108	ug/l	100
15) Acrylonitrile	3.13	53	304997	99.910	ug/l	100
16) Acetone	2.43	43	294790	75.017	ug/l	98
17) Carbon Disulfide	2.56	76	247835	17.867	ug/l	99
18) Methyl Acetate	2.76	43	154405	19.829	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	326850	19.361	ug/l	96
20) Methylene Chloride	2.85	84	114811	18.554	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	102723	18.150	ug/l	98
22) Diisopropyl ether	3.84	45	358200	19.597	ug/l	100
23) Vinyl Acetate	3.80	43	1423560	95.435	ug/l	99
24) 1,1-Dichloroethane	3.69	63	189386	18.623	ug/l	99
25) 2-Butanone	4.65	43	443989	91.643	ug/l	97
26) 2,2-Dichloropropane	4.58	77	120290	15.235	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	121559	18.991	ug/l	95
28) Bromochloromethane	5.00	49	78626	20.375	ug/l	100
29) Tetrahydrofuran	5.11	42	275546	101.685	ug/l	99
30) Chloroform	5.20	83	187027	19.400	ug/l	98
31) Cyclohexane	5.57	56	167251	18.491	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153365	18.666	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134036	17.285	ug/l	98
37) Ethyl Acetate	4.82	43	166439	19.437	ug/l	99
38) Carbon Tetrachloride	5.78	117	129715	18.363	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014141.D
 Acq On : 20 Dec 2019 00:23
 Operator : JC/SP
 Sample : VX1219WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1219WBS03

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:23:36 AM

Quant Time: Dec 20 04:27:26 2019
 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	160899	16.805	ug/l	95
40) Benzene	6.14	78	432361	18.121	ug/l	99
41) Methacrylonitrile	5.03	41	89272	18.790	ug/l	99
42) 1,2-Dichloroethane	6.19	62	149353	18.467	ug/l	100
43) Isopropyl Acetate	6.43	43	266373	18.797	ug/l	99
44) Trichloroethene	7.21	130	115607	17.543	ug/l	96
45) 1,2-Dichloropropane	7.51	63	112873	18.458	ug/l	94
46) Dibromomethane	7.65	93	73709	18.231	ug/l	99
47) Bromodichloromethane	7.89	83	140333	18.429	ug/l	100
48) Methyl methacrylate	7.76	41	128868	18.571	ug/l	98
49) 1,4-Dioxane	7.73	88	54281	384.384	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	844972	94.943	ug/l	99
52) Toluene	8.78	92	272268	18.054	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	144365	17.290	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	169096	18.179	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112838	18.669	ug/l	99
56) Ethyl methacrylate	9.17	69	175149	18.448	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187056	18.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345391	96.129	ug/l	99
59) 2-Hexanone	9.48	43	651474	90.933	ug/l	98
60) Dibromochloromethane	9.57	129	109620	18.246	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115610	18.695	ug/l	99
64) Tetrachloroethene	9.33	164	135300	20.358	ug/l	99
65) Chlorobenzene	10.14	112	289542	18.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103968	18.234	ug/l	99
67) Ethyl Benzene	10.25	91	500280	18.222	ug/l	99
68) m/p-Xylenes	10.36	106	383704	36.337	ug/l	100
69) o-Xylene	10.70	106	189573	18.305	ug/l	100
70) Styrene	10.71	104	313515	17.903	ug/l	98
71) Bromoform	10.85	173	82798	18.065	ug/l #	99
73) Isopropylbenzene	11.01	105	491960	19.229	ug/l	100
74) N-amyl acetate	10.89	43	222060	18.517	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	168260	18.970	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	160027m	20.286	ug/l	
77) Bromobenzene	11.25	156	130009	18.470	ug/l	98
78) n-propylbenzene	11.35	91	542383	18.901	ug/l	99
79) 2-Chlorotoluene	11.42	91	331168	18.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405554	18.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46985	16.811	ug/l	93
82) 4-Chlorotoluene	11.51	91	366384	18.107	ug/l	100
83) tert-Butylbenzene	11.76	119	374355	17.866	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	407641	18.905	ug/l	100
85) sec-Butylbenzene	11.94	105	464152	18.764	ug/l	99
86) p-Isopropyltoluene	12.06	119	422777	18.685	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222572	18.042	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	221953	17.694	ug/l	99
89) n-Butylbenzene	12.39	91	336172	17.412	ug/l	99
90) Hexachloroethane	12.59	117	73241	18.021	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	228809	18.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34756	17.707	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014141.D
Acq On : 20 Dec 2019 00:23
Operator : JC/SP
Sample : VX1219WBS03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

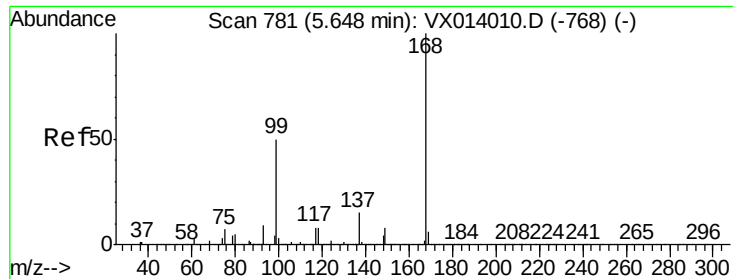
Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM

Quant Time: Dec 20 04:27:26 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.64	180	141828	17.571	ug/l	98
94) Hexachlorobutadiene	13.78	225	67479	17.395	ug/l	100
95) Naphthalene	13.83	128	440376	18.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143962	18.068	ug/l	96

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



#1

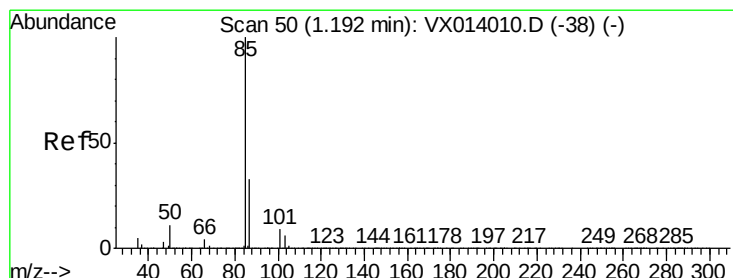
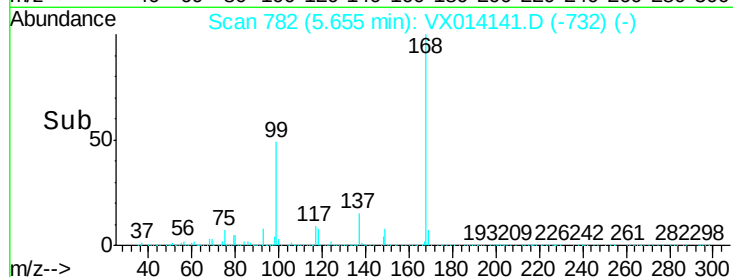
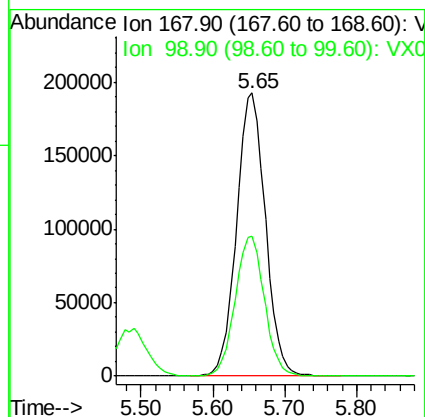
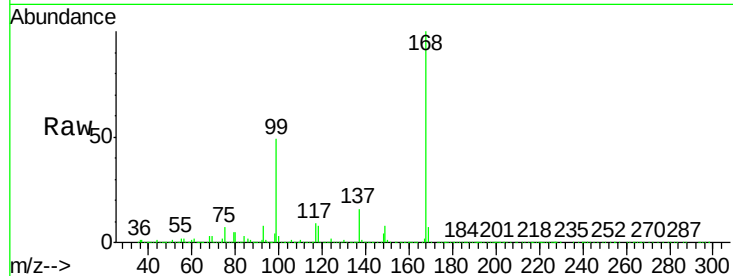
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	40.3	60.5

Manual Integrations
 APPROVED

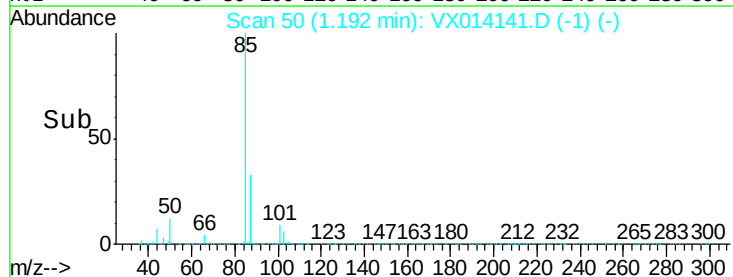
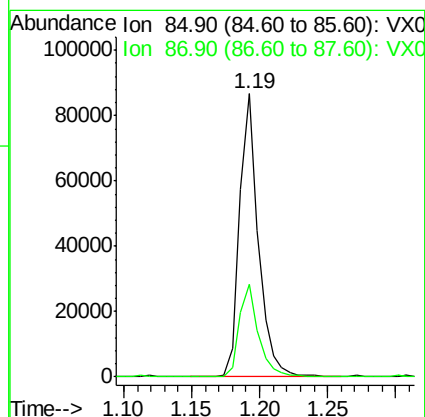
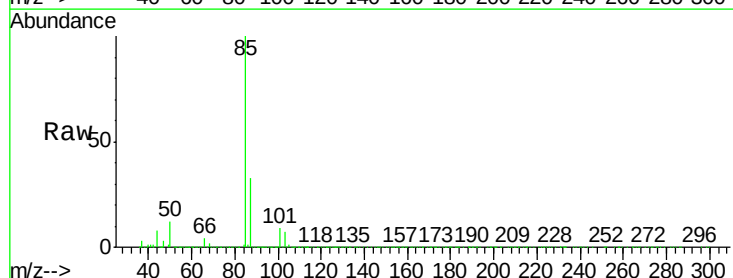
apatel
 12/20/2019 10:23:36 AM

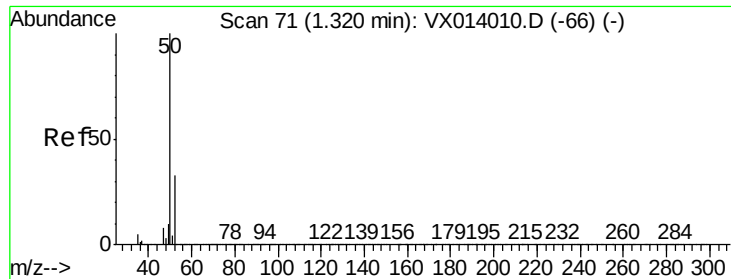


#2

Dichlorodifluoromethane
 Concen: 17.489 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.4	49.2





#3

Chloromethane

Concen: 18.274 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 50 Resp: 117176

Ion Ratio Lower Upper

50 100

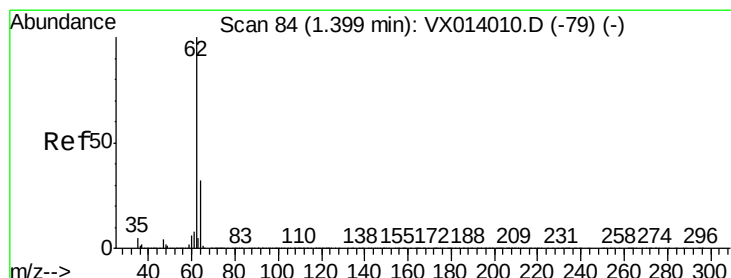
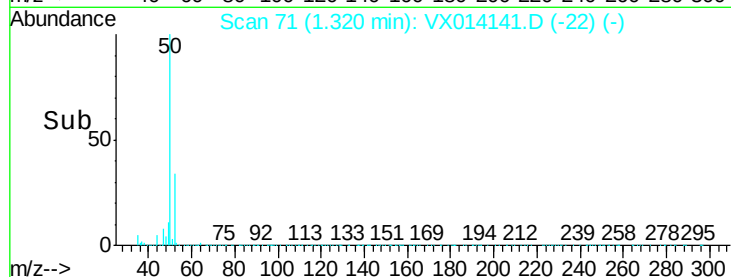
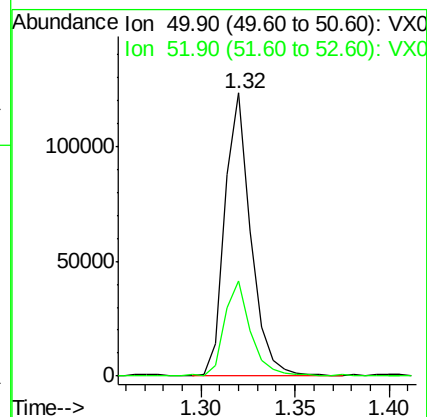
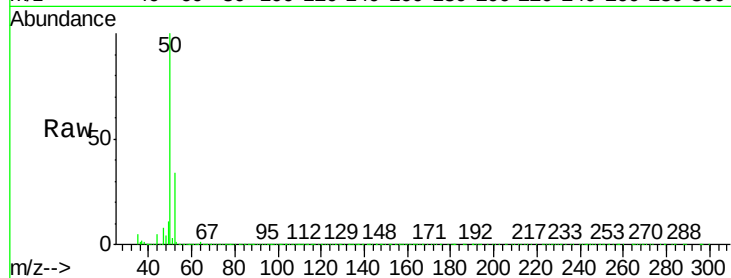
52 33.4 26.2 39.4

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#4

Vinyl Chloride

Concen: 18.190 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014141.D

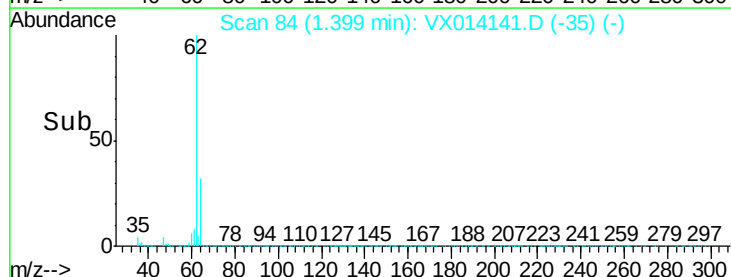
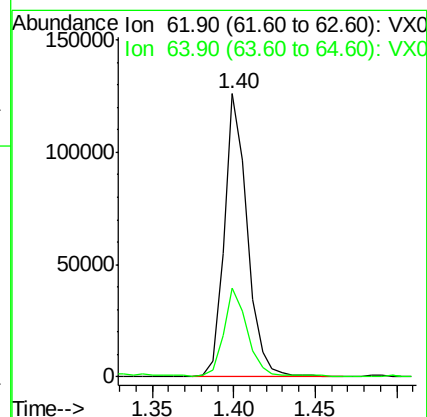
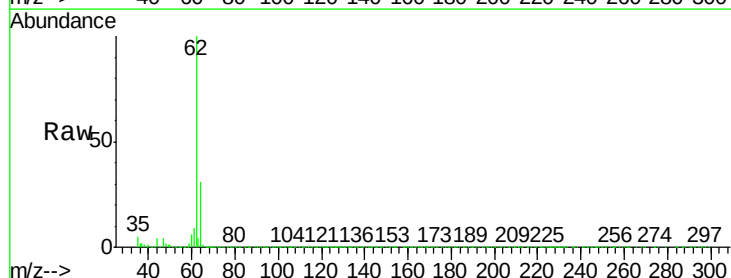
Acq: 20 Dec 2019 00:23

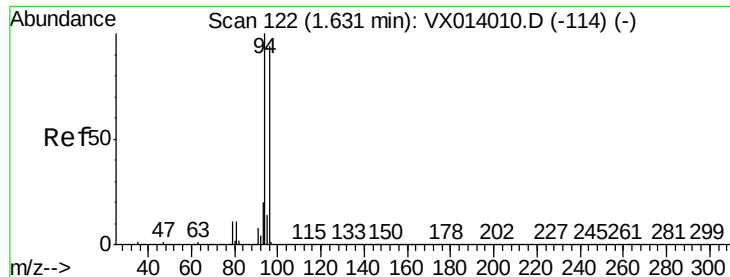
Tgt Ion: 62 Resp: 123068

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 16.692 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 94 Resp: 80157

Ion Ratio Lower Upper

94 100

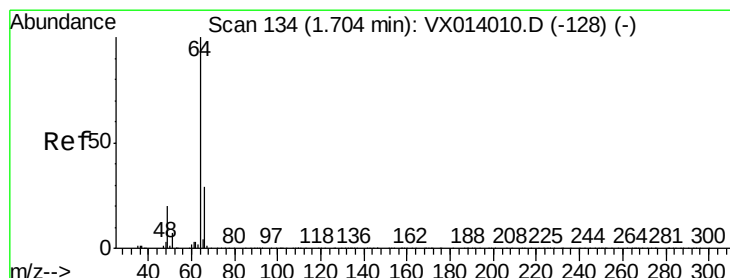
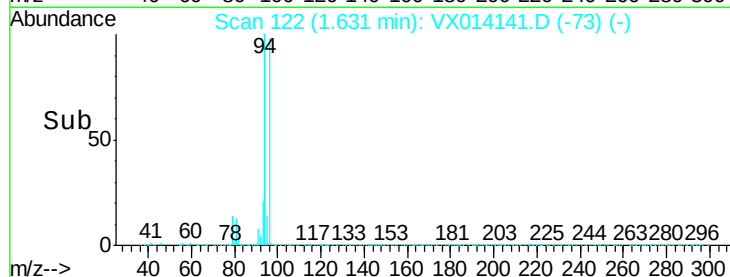
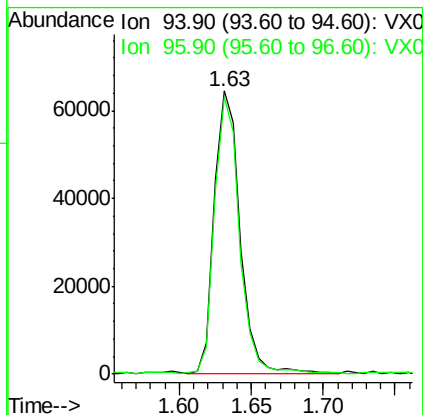
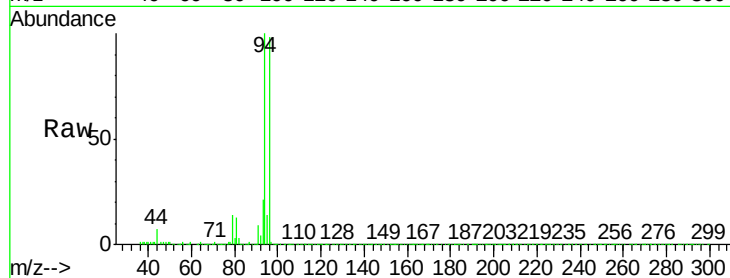
96 97.8 75.2 112.8

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#6

Chloroethane

Concen: 18.672 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014141.D

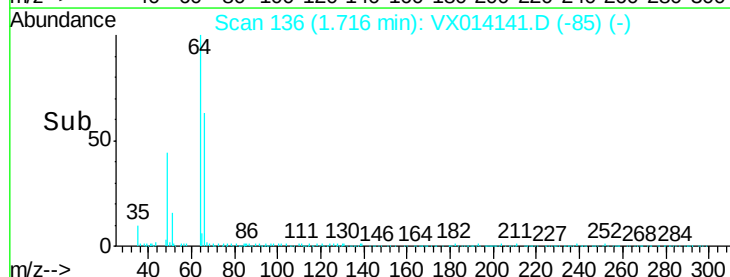
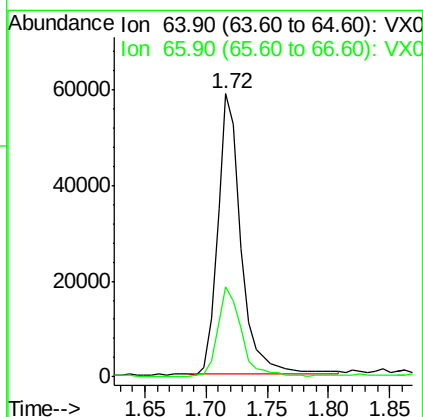
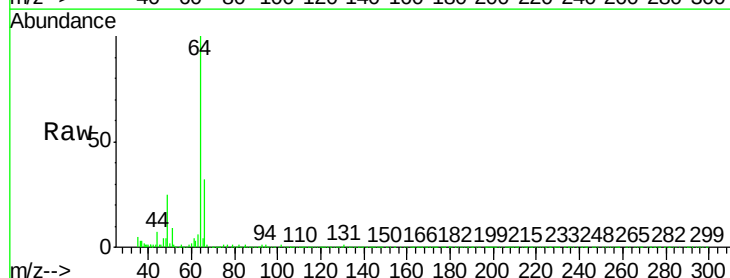
Acq: 20 Dec 2019 00:23

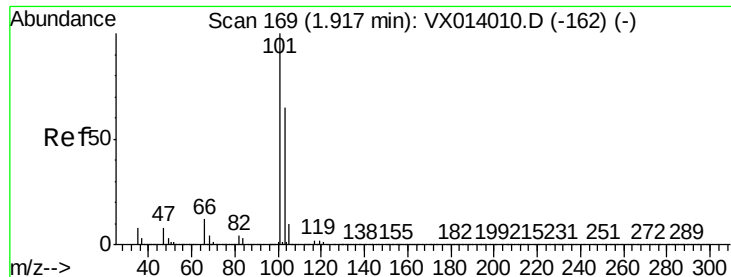
Tgt Ion: 64 Resp: 77971

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2





#7

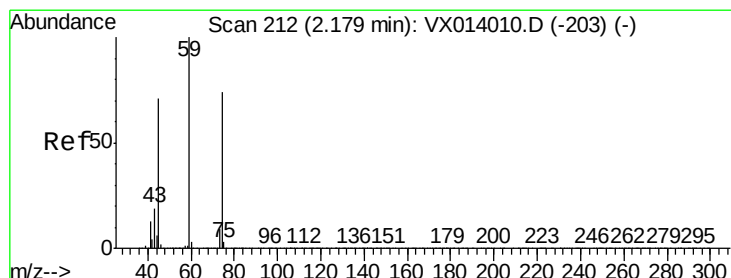
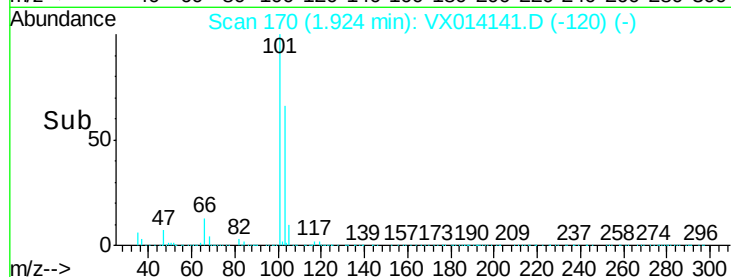
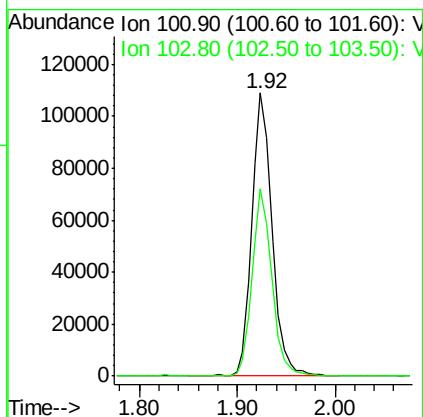
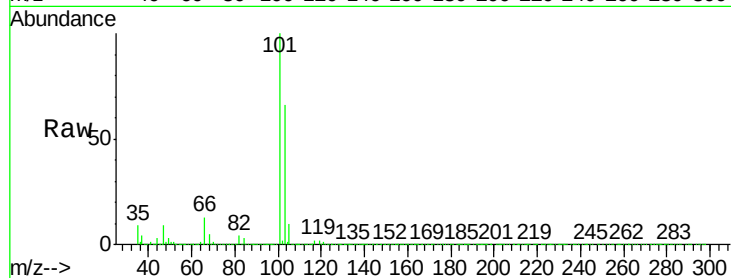
Trichlorofluoromethane
Concen: 18.651 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.2	78.4

Manual Integrations
APPROVED

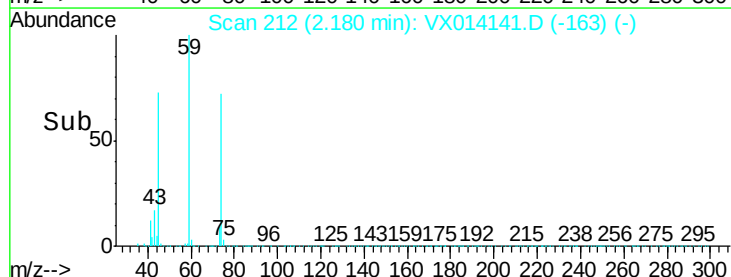
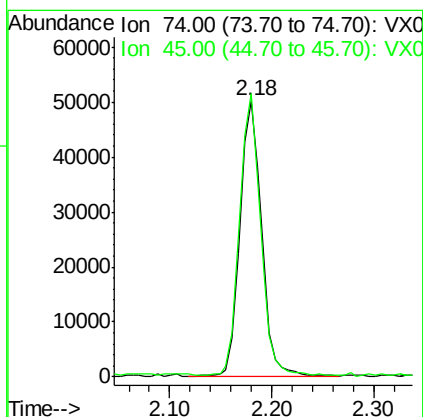
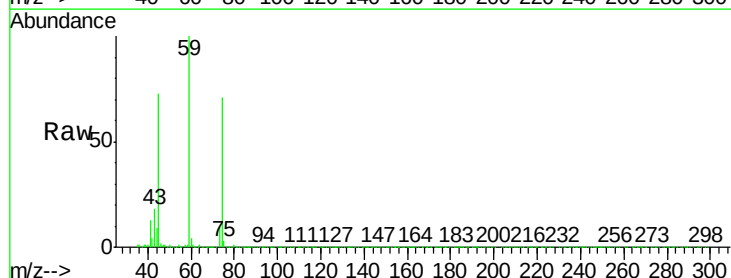
apatel
12/20/2019 10:23:36 AM

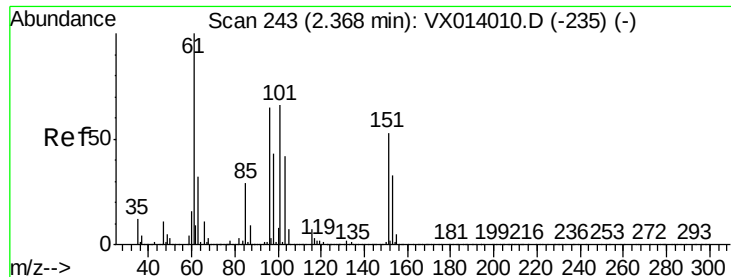


#8

Diethyl Ether
Concen: 18.488 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.980 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

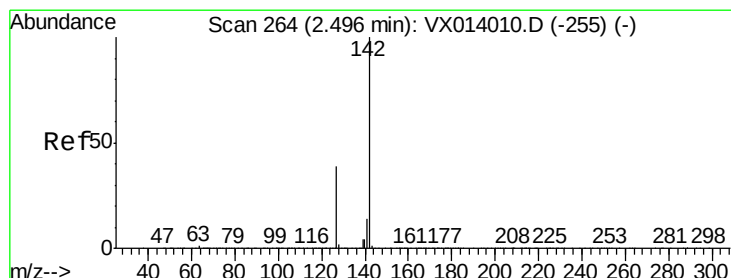
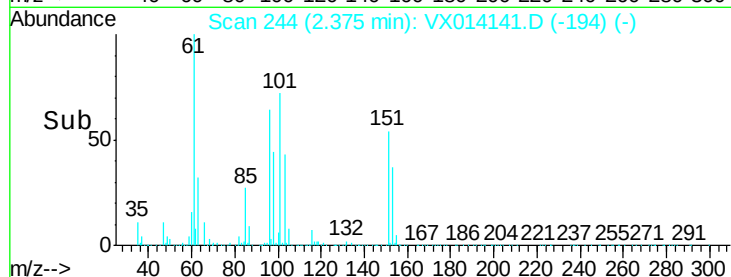
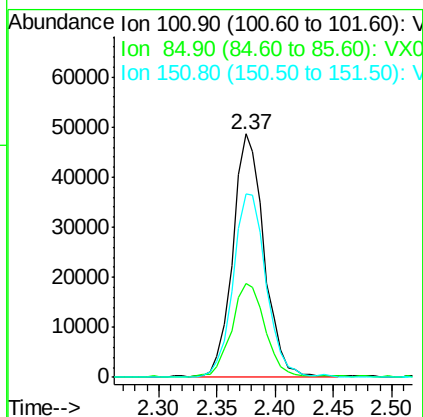
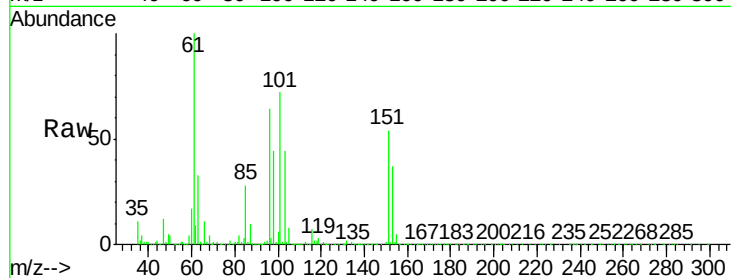
ClientSampleId :

VX1219WBS03

Tot Ion:	101	Resp:	90774
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.7	50.5
151	79.7	64.5	96.7

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#10

Methyl Iodide

Concen: 17.686 ug/l

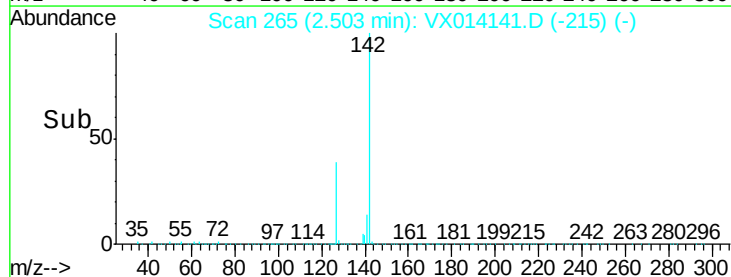
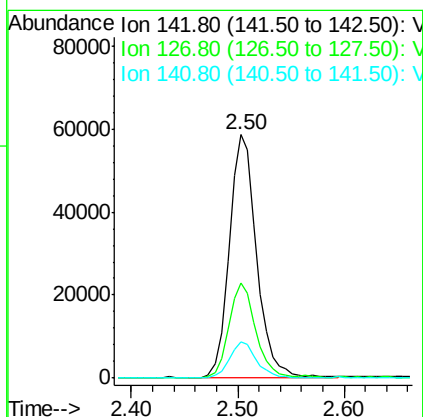
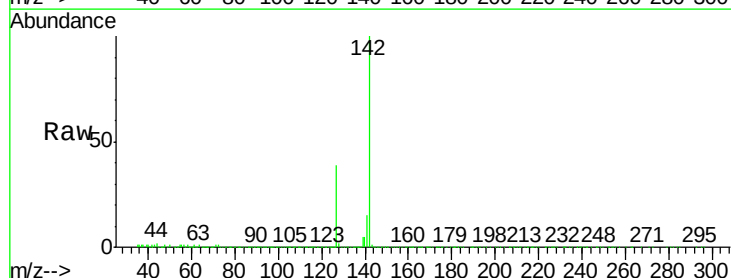
RT: 2.50 min Scan# 265

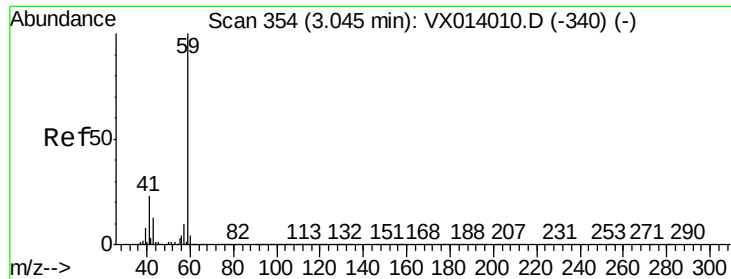
Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	142	Resp:	105852
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.6	47.4
141	14.9	11.6	17.4





#11

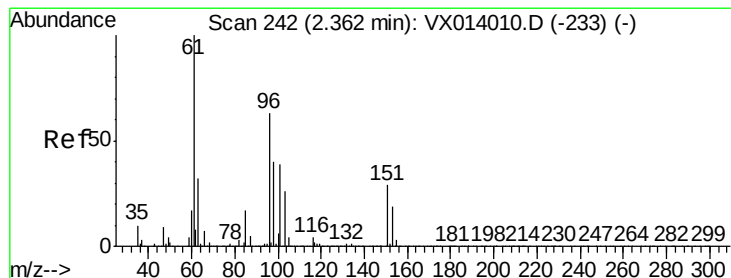
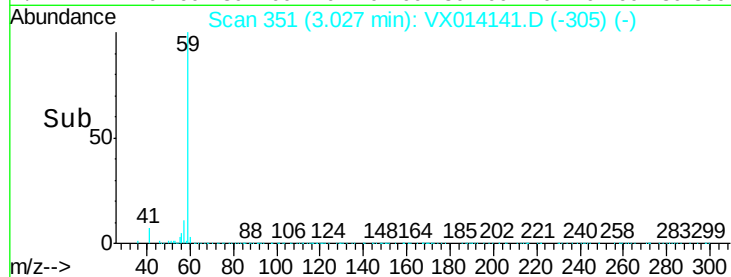
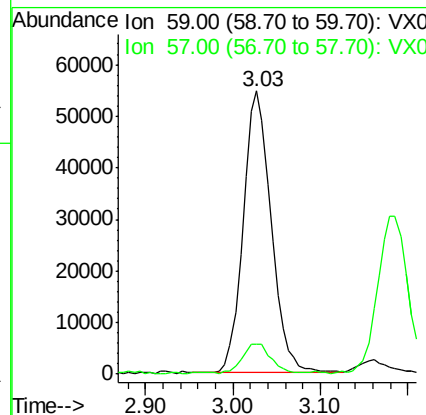
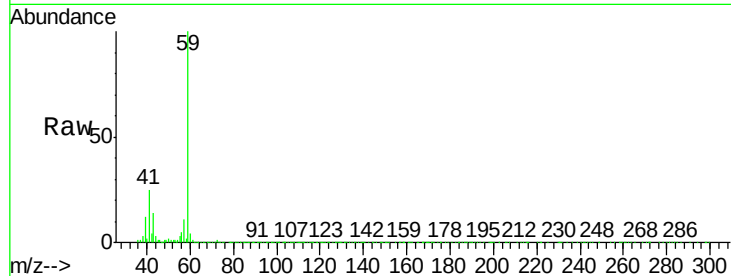
Tert butyl alcohol
Concen: 92.628 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

Manual Integrations
APPROVED

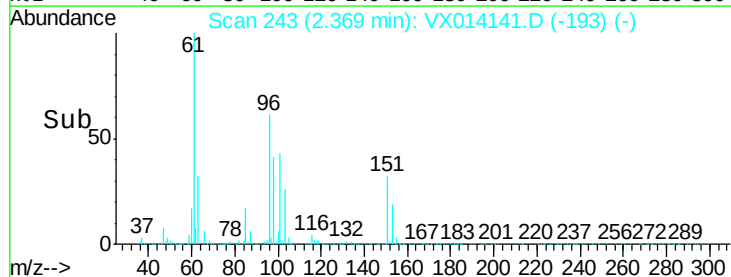
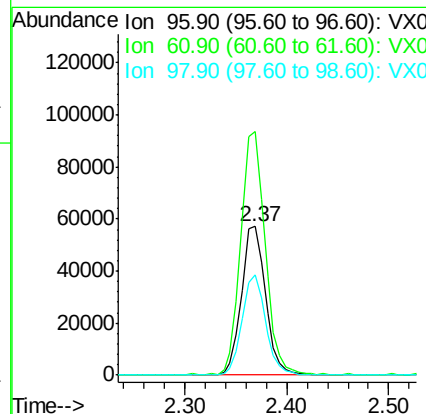
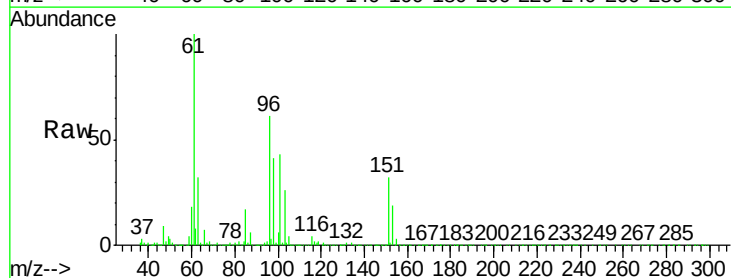
apatel
12/20/2019 10:23:36 AM

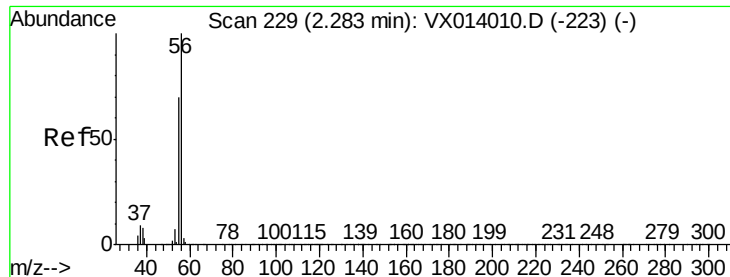


#12

1,1-Dichloroethene
Concen: 18.009 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	127.9	191.9
98	67.4	50.5	75.7





#13

Acrolein

Concen: 100.560 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 56 Resp: 75287

Ion Ratio Lower Upper

56 100

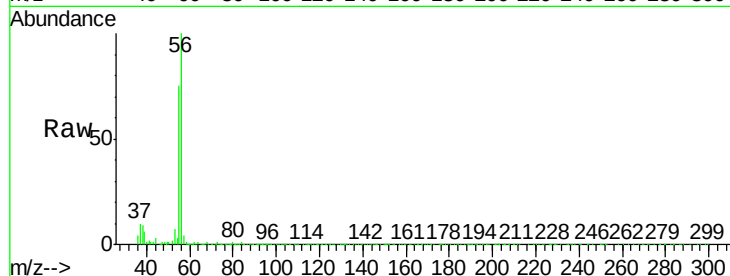
55 69.9 56.9 85.3

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

50000

40000

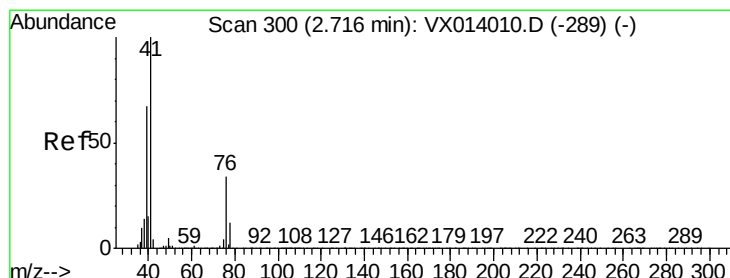
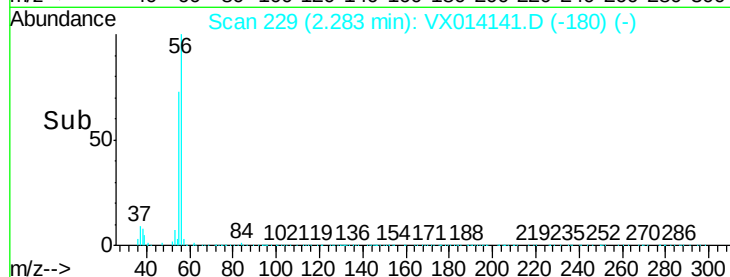
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 18.108 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

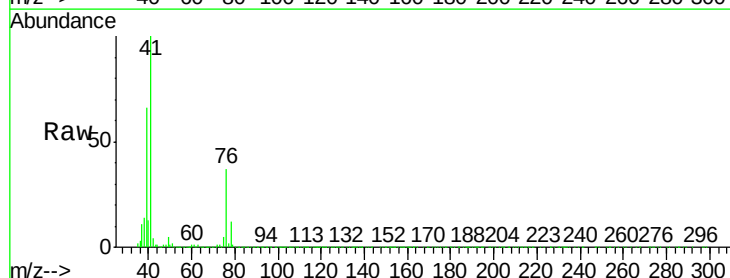
Tgt Ion: 41 Resp: 166100

Ion Ratio Lower Upper

41 100

39 64.7 51.8 77.8

76 32.3 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

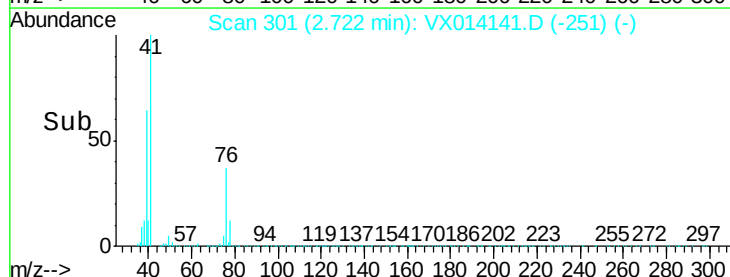
150000

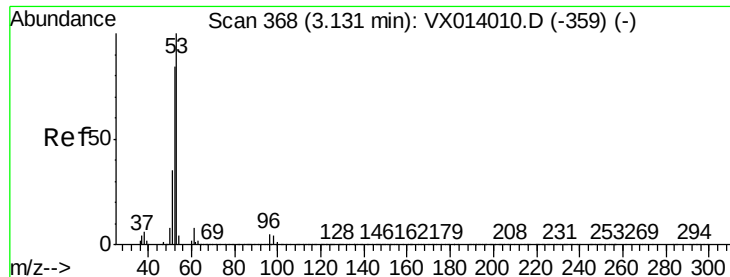
100000

50000

0

Time-->





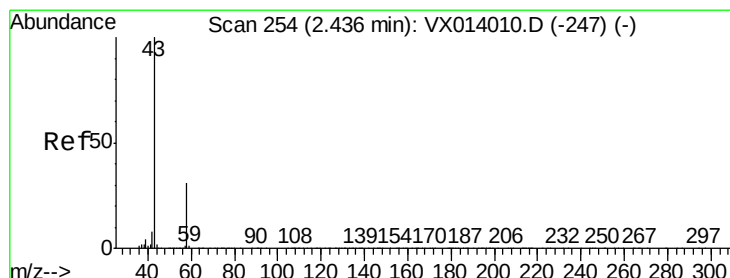
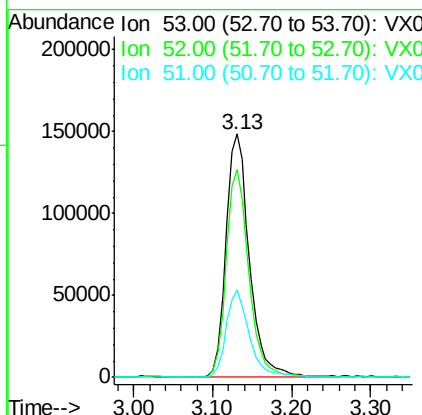
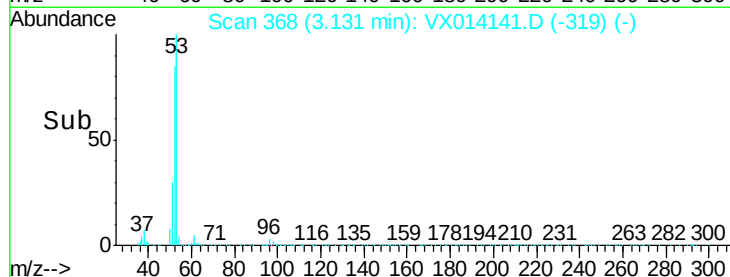
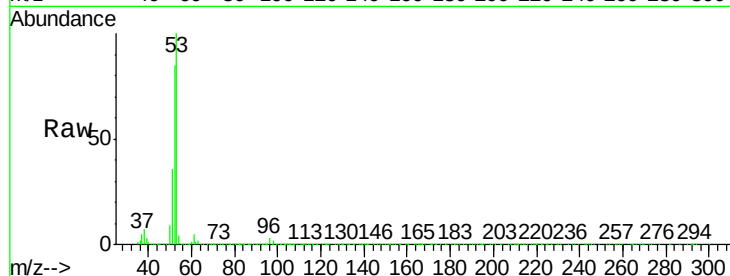
#15
Acrylonitrile
Concen: 99.910 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion:	53	Resp:	304997
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.5	99.7
51	35.2	28.1	42.1

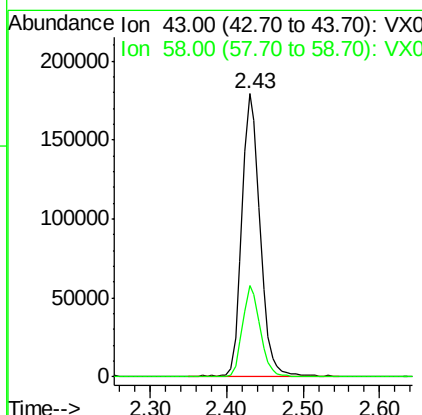
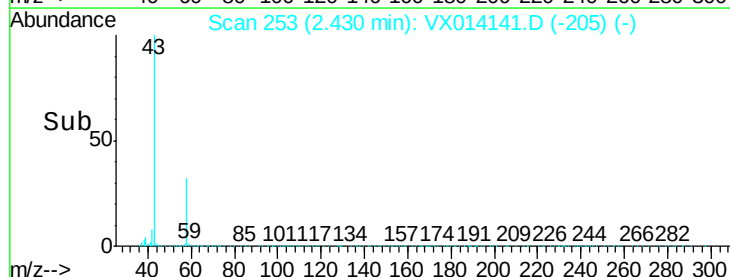
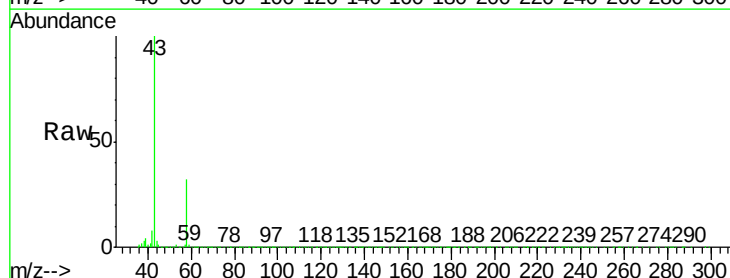
Manual Integrations
APPROVED

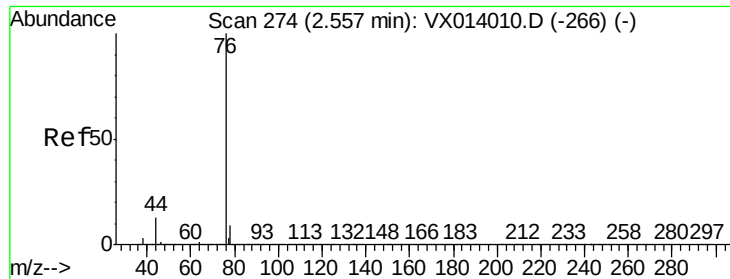
apatel
12/20/2019 10:23:36 AM



#16
Acetone
Concen: 75.017 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion:	43	Resp:	294790
Ion Ratio		Lower	Upper
43	100		
58	32.1	24.9	37.3





#17

Carbon Disulfide

Concen: 17.867 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 76 Resp: 247835

Ion Ratio Lower Upper

76 100

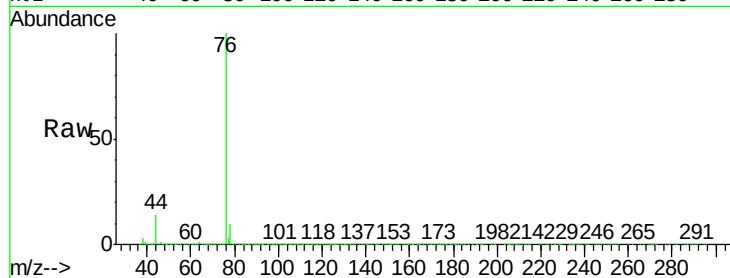
78 9.5 7.2 10.8

Manual Integrations

APPROVED

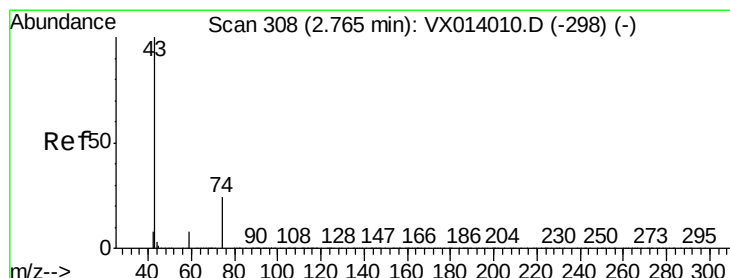
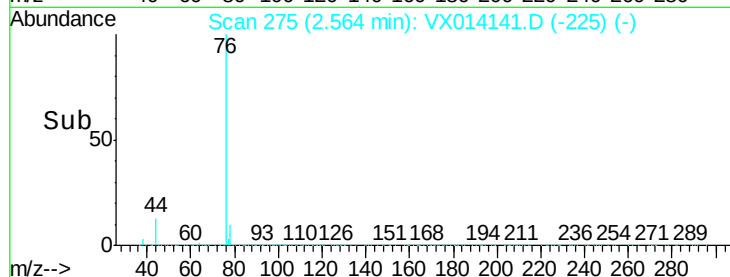
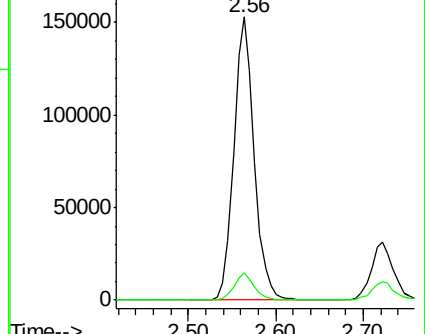
apatel

12/20/2019 10:23:36 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.829 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014141.D

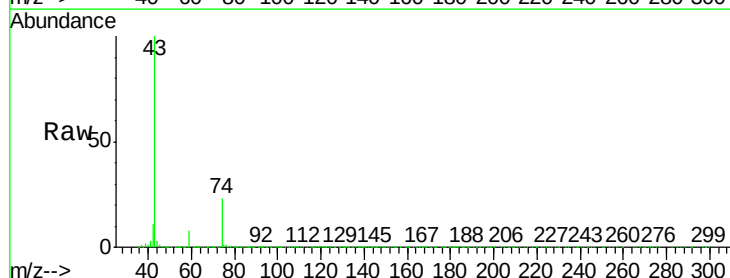
Acq: 20 Dec 2019 00:23

Tgt Ion: 43 Resp: 154405

Ion Ratio Lower Upper

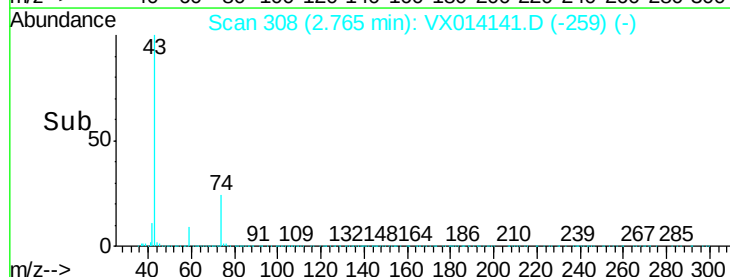
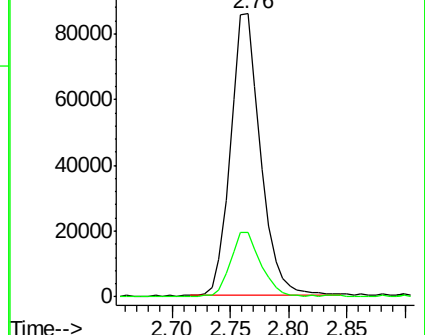
43 100

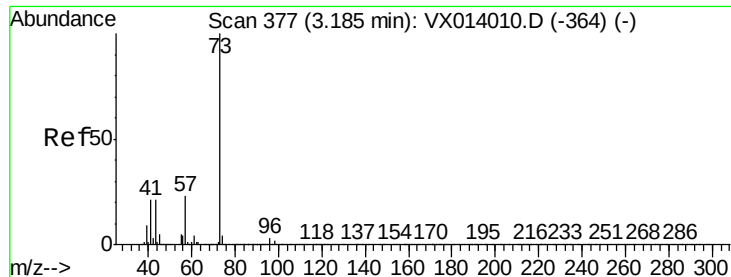
74 23.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

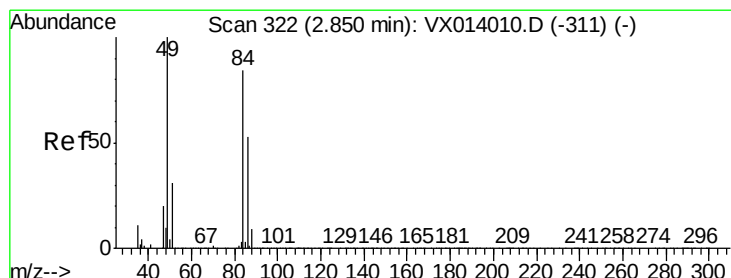
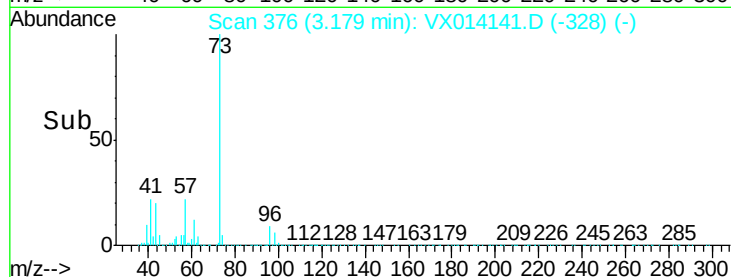
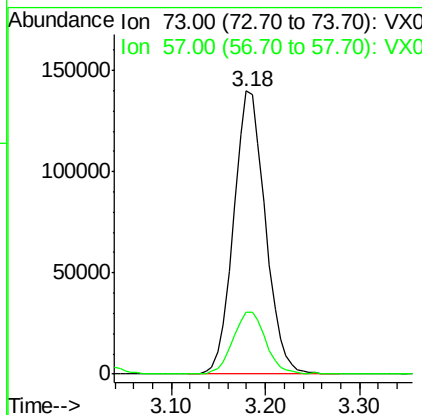
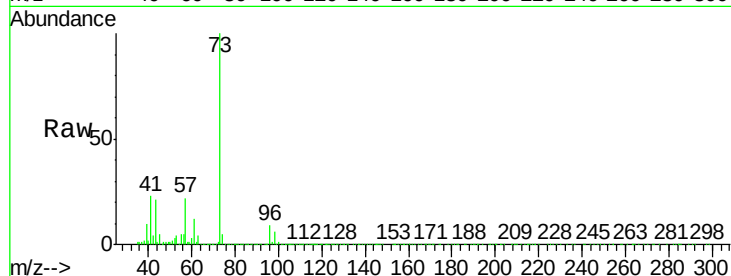
Methyl tert-butyl Ether
 Concen: 19.361 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.8	28.2

Manual Integrations
 APPROVED

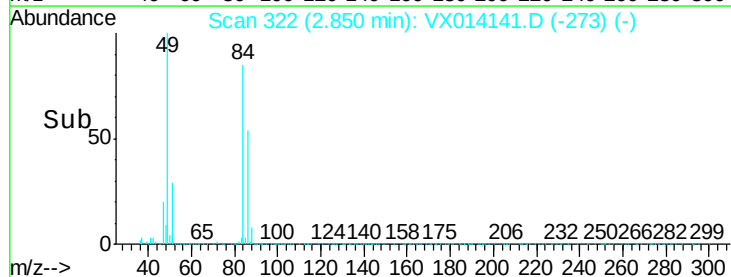
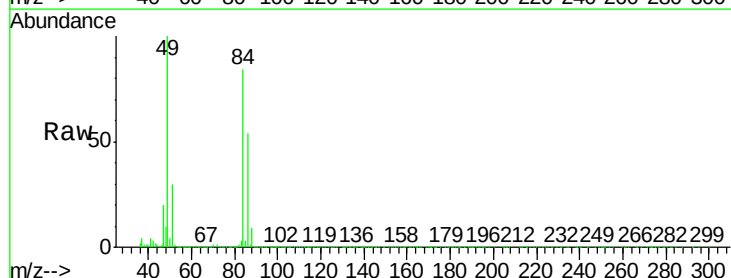
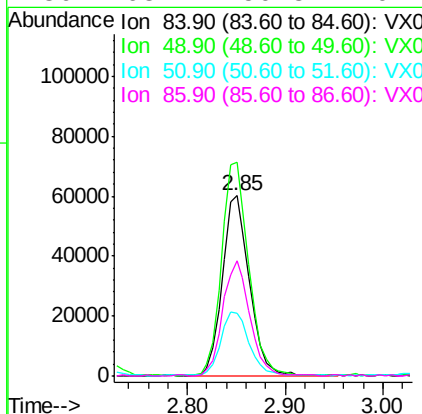
apatel
 12/20/2019 10:23:36 AM

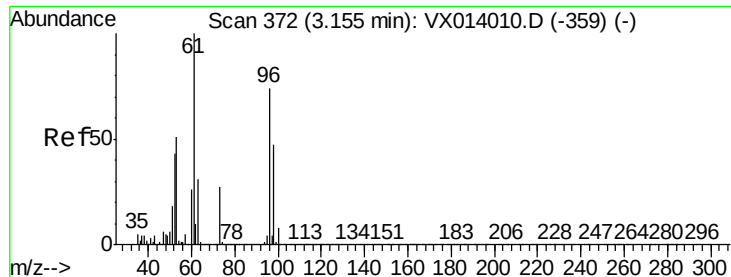


#20

Methylene Chloride
 Concen: 18.554 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.8	143.6
51	34.7	29.8	44.8
86	63.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.150 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

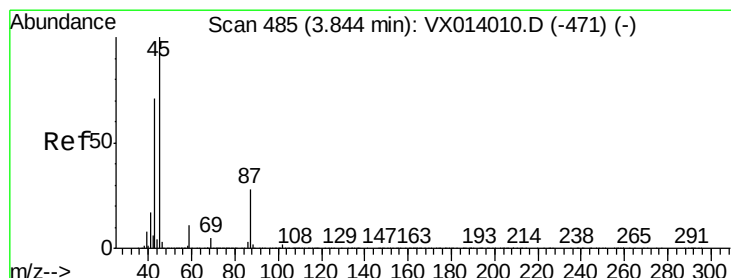
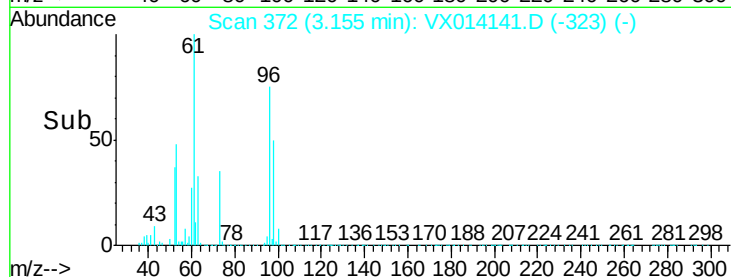
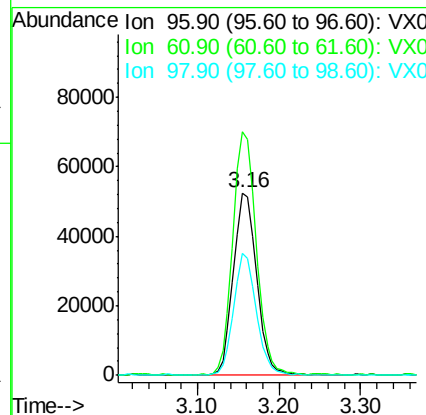
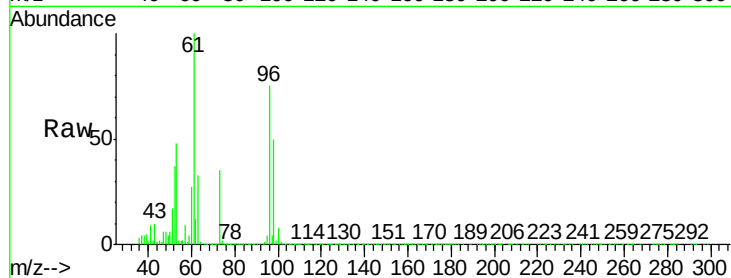
ClientSampleId :

VX1219WBS03

Tot Ion:	96	Resp:	102723
Ion Ratio	Lower	Upper	
96	100		
61	133.6	108.3	162.5
98	66.6	50.8	76.2

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#22

Diisopropyl ether

Concen: 19.597 ug/l

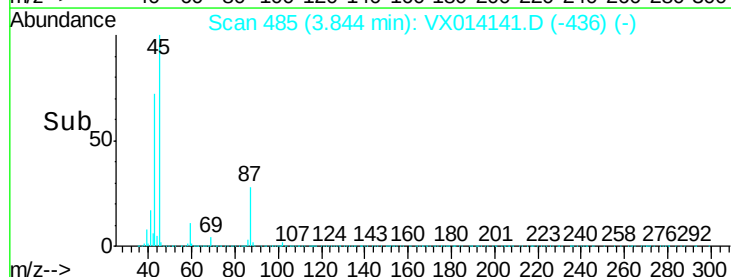
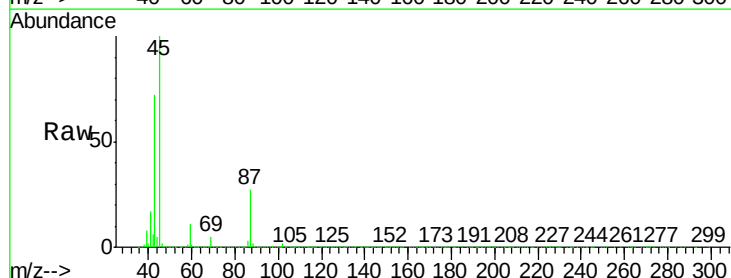
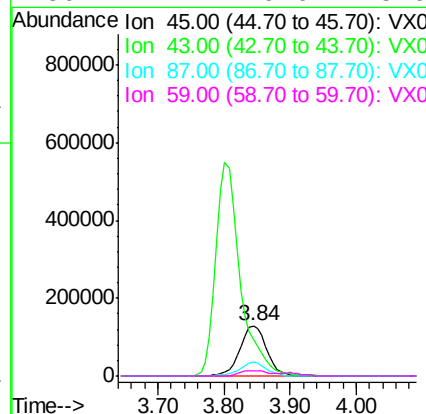
RT: 3.84 min Scan# 485

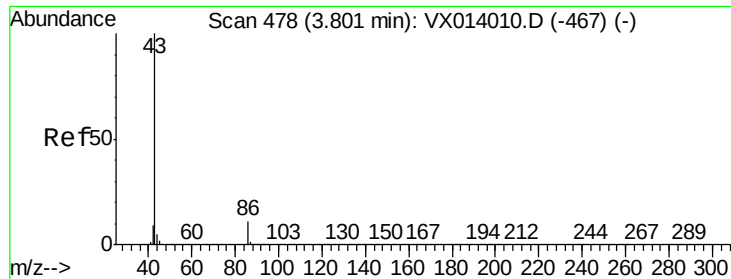
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	45	Resp:	358200
Ion Ratio	Lower	Upper	
45	100		
43	71.5	57.4	86.0
87	27.4	21.9	32.9
59	11.2	9.0	13.6





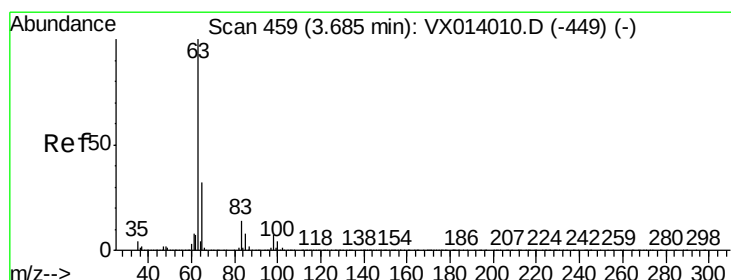
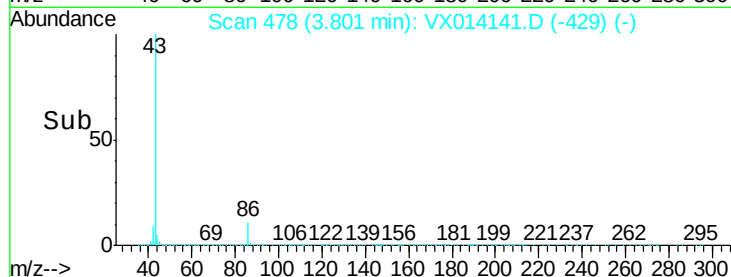
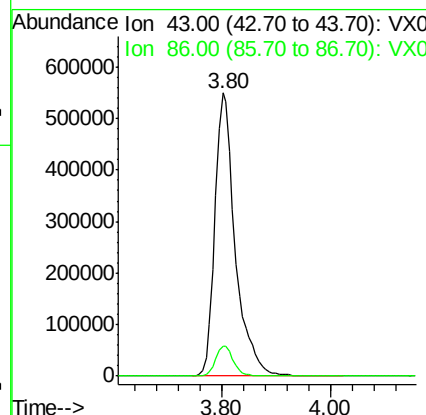
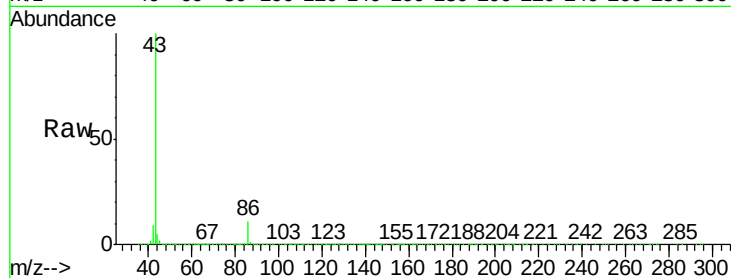
#23
 Vinyl Acetate
 Concen: 95.435 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion: 43 Resp: 1423560
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

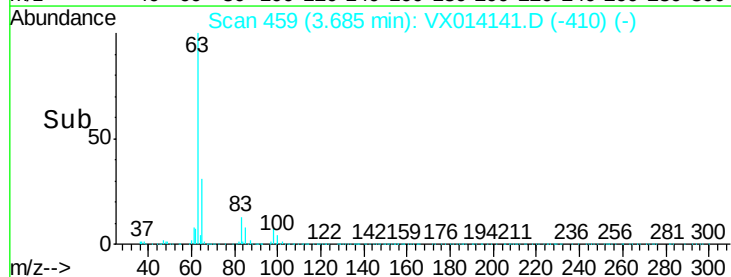
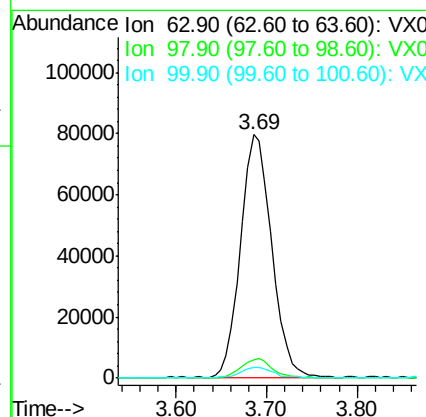
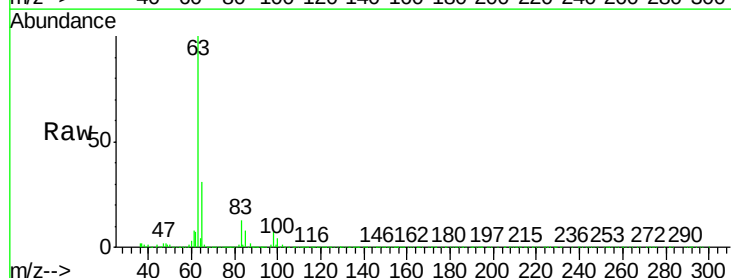
Manual Integrations
 APPROVED

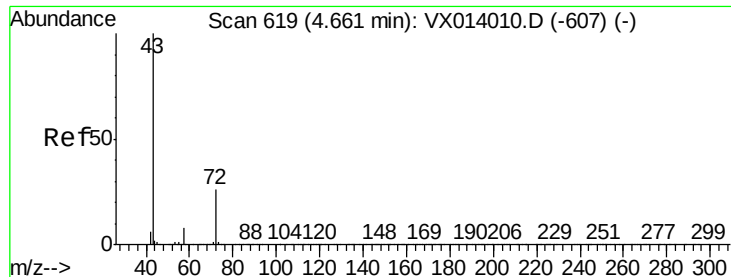
apatel
 12/20/2019 10:23:36 AM



#24
 1,1-Dichloroethane
 Concen: 18.623 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion: 63 Resp: 189386
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 91.643 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 43 Resp: 443989

Ion Ratio Lower Upper

43 100

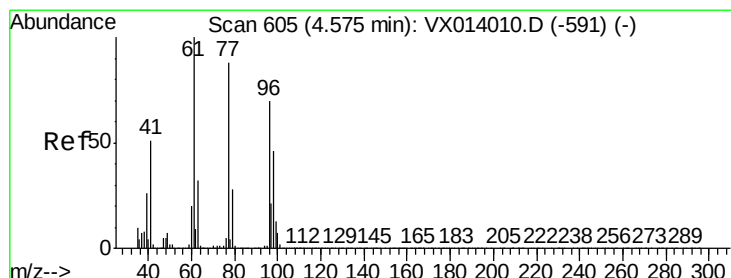
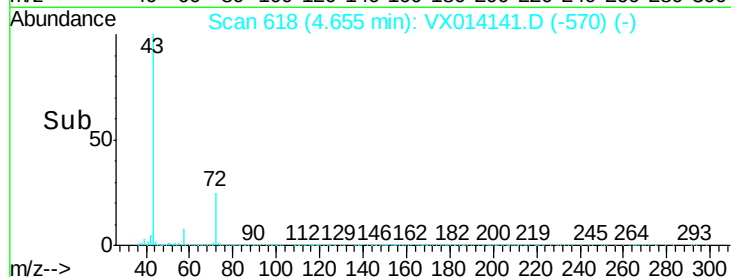
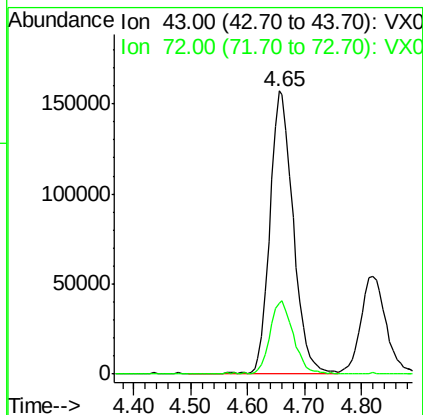
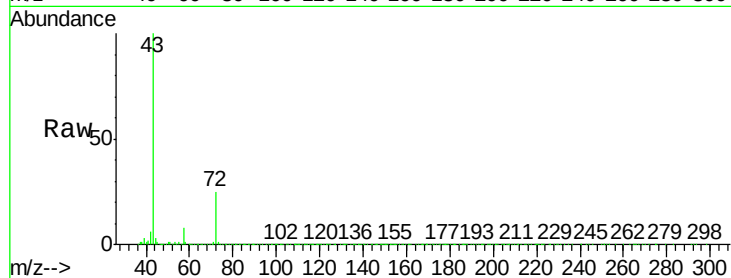
72 24.8 21.0 31.4

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#26

2,2-Dichloropropane

Concen: 15.235 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014141.D

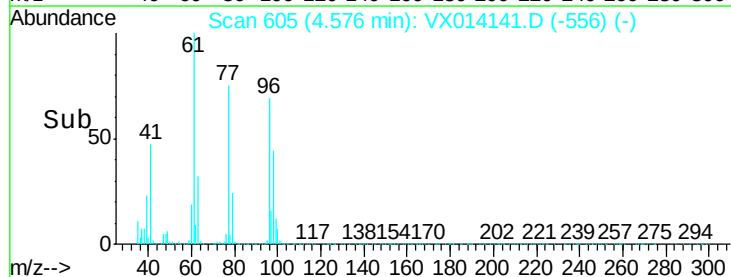
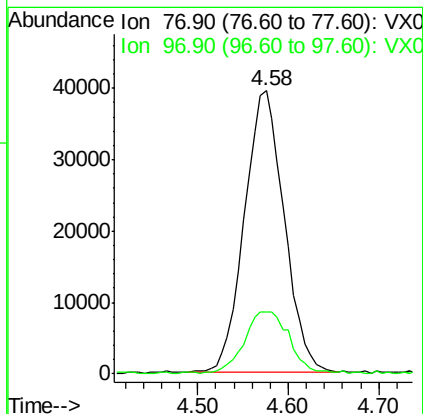
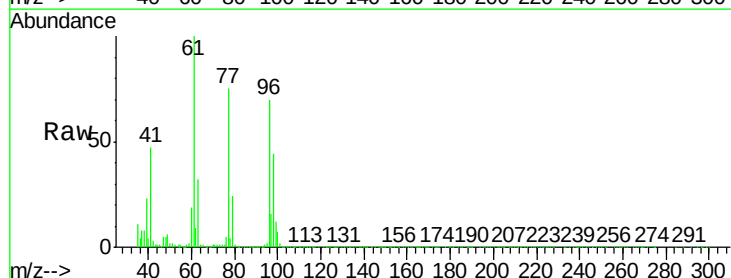
Acq: 20 Dec 2019 00:23

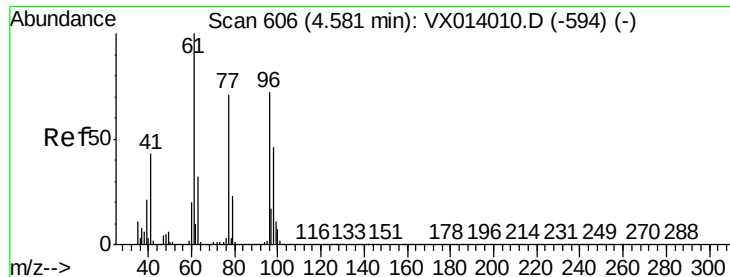
Tgt Ion: 77 Resp: 120290

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.9





#27

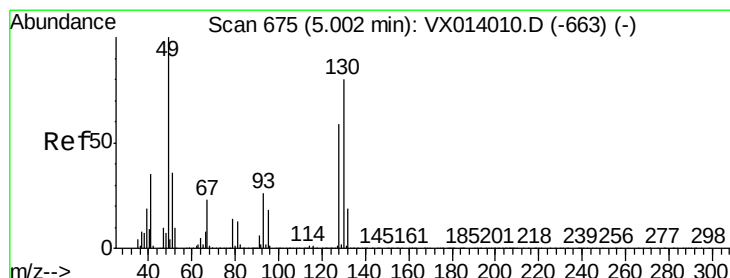
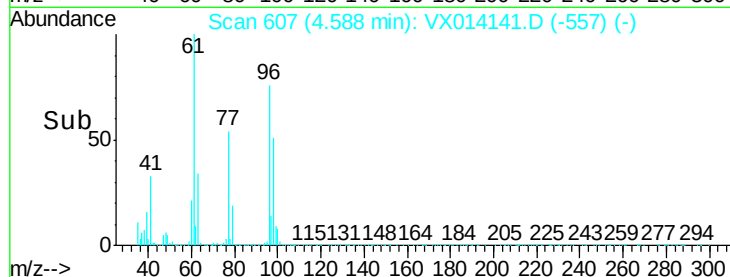
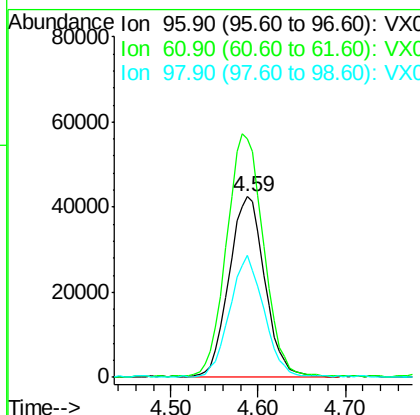
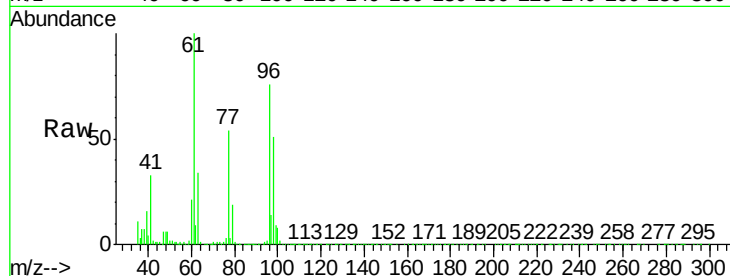
cis-1,2-Dichloroethene
Concen: 18.991 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	121559		
61	136.8	0.0	288.4	
98	63.0	0.0	129.6	

Manual Integrations
APPROVED

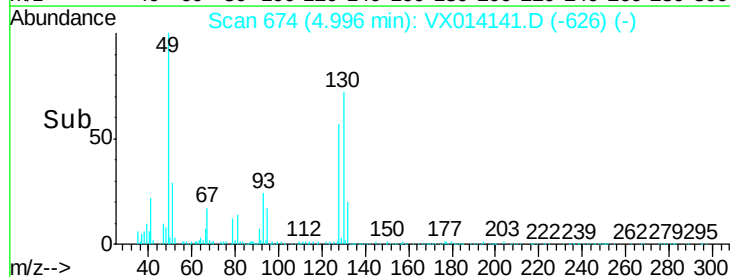
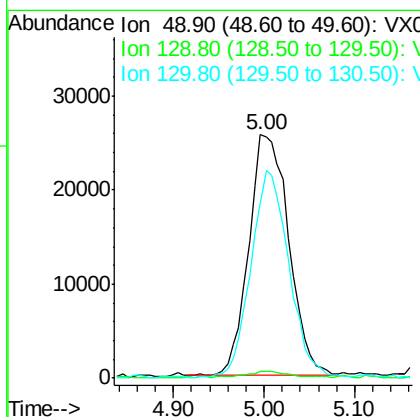
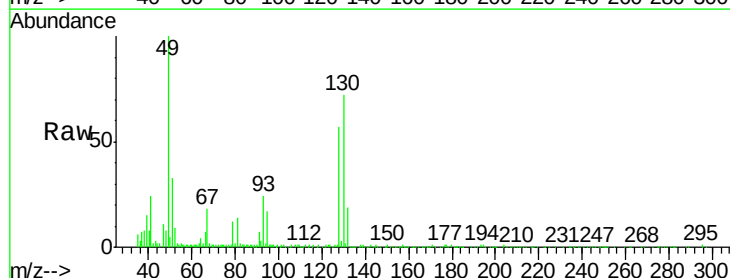
apatel
12/20/2019 10:23:36 AM

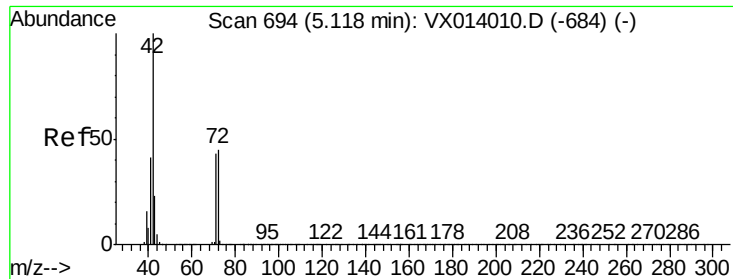


#28

Bromochloromethane
Concen: 20.375 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78626		
129	2.8	0.0	5.0	
130	81.2	64.6	97.0	





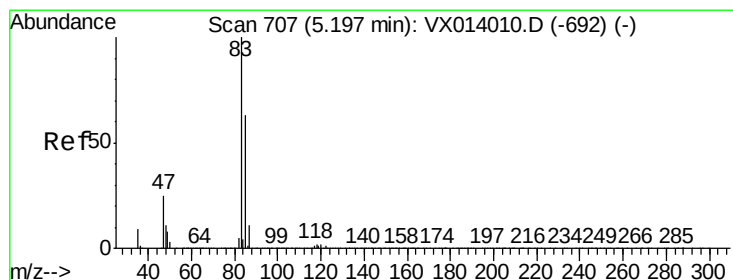
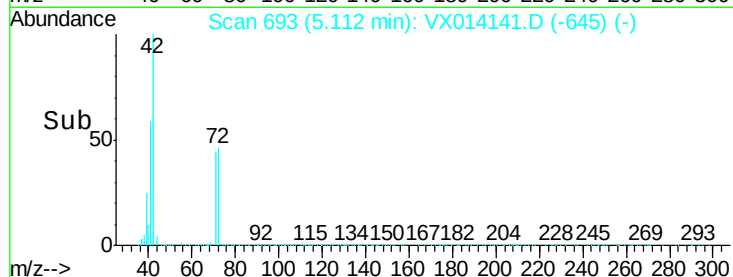
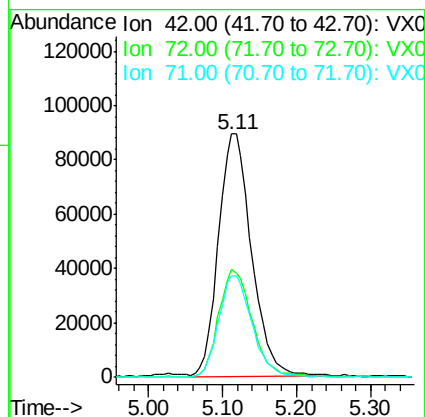
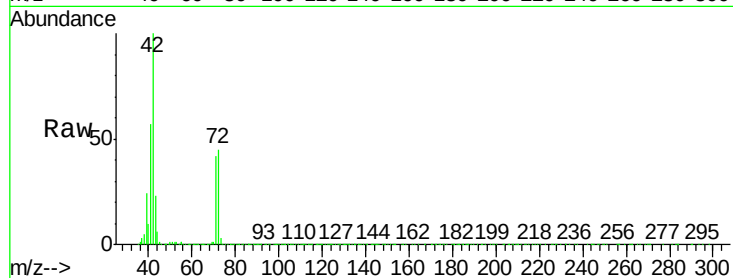
#29
Tetrahydrofuran
Concen: 101.685 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.8	53.8
71	41.6	33.6	50.4

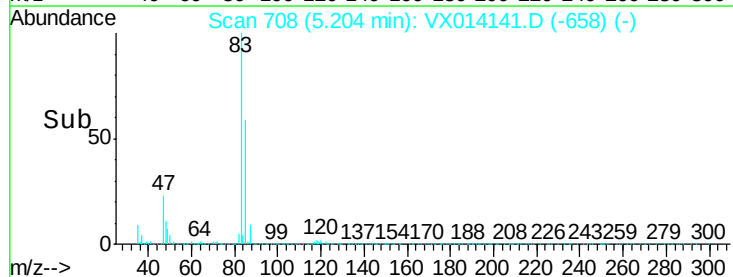
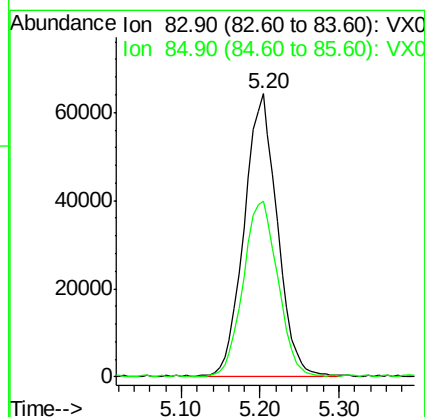
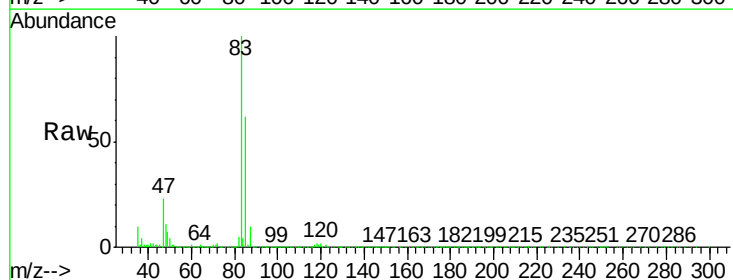
Manual Integrations
APPROVED

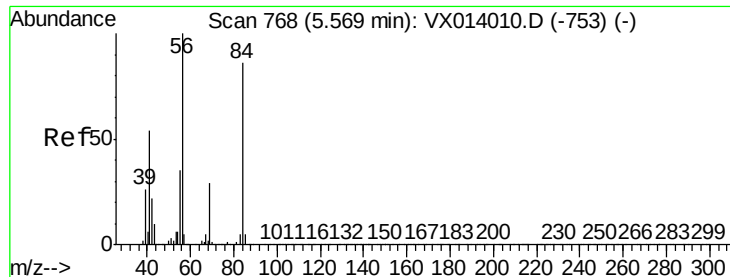
apatel
12/20/2019 10:23:36 AM



#30
Chloroform
Concen: 19.400 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.8	76.2





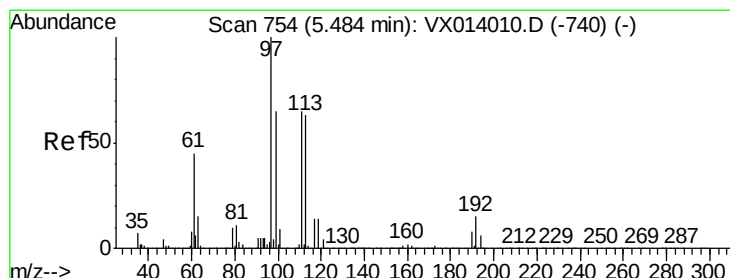
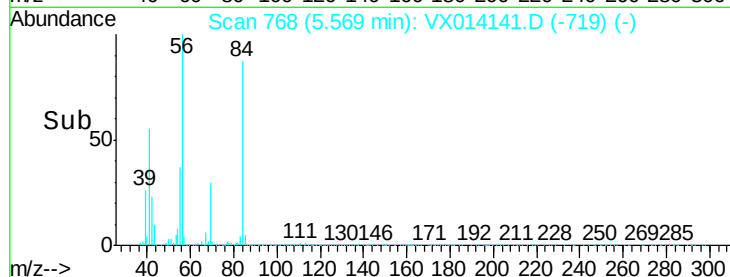
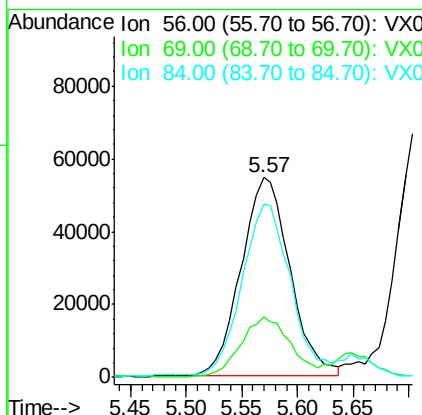
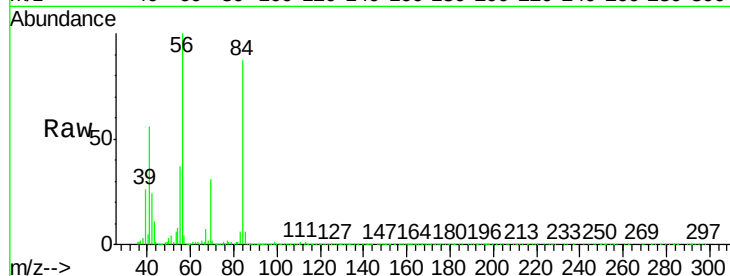
#31
Cyclohexane
Concen: 18.491 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.2	34.8
84	86.2	69.2	103.8

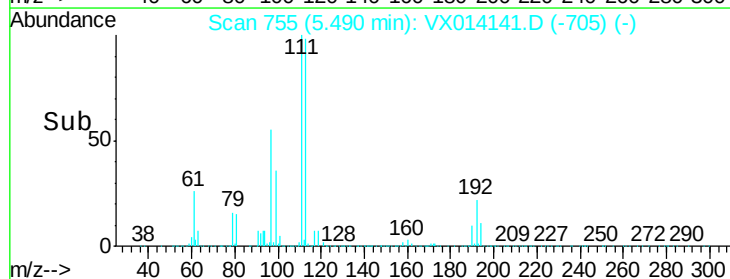
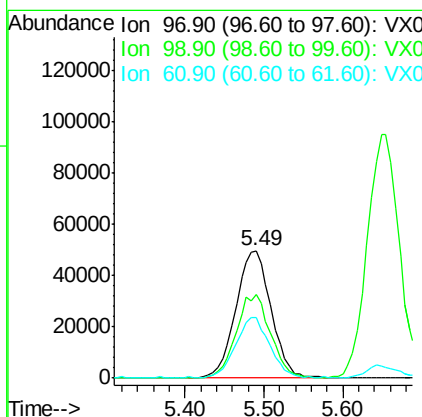
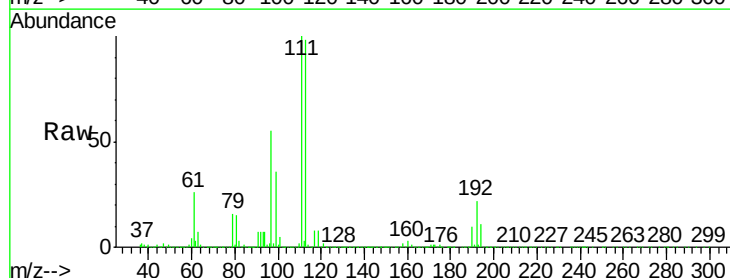
Manual Integrations
APPROVED

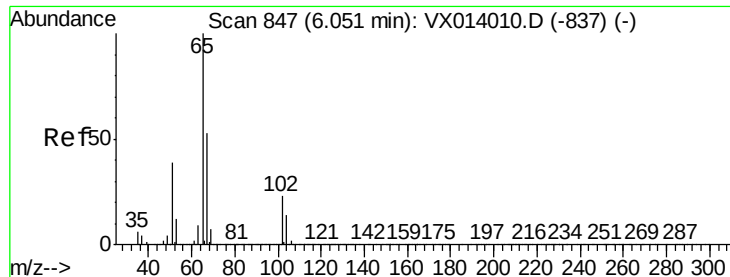
apatel
12/20/2019 10:23:36 AM



#32
1,1,1-Trichloroethane
Concen: 18.666 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	45.1	36.7	55.1





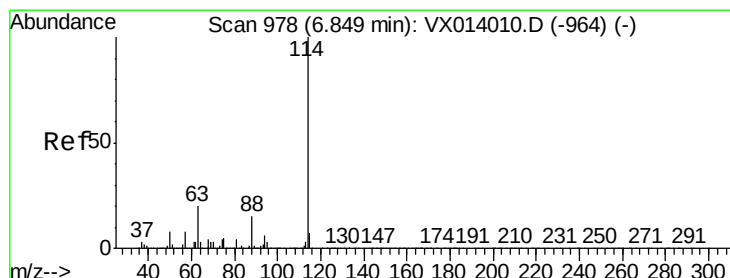
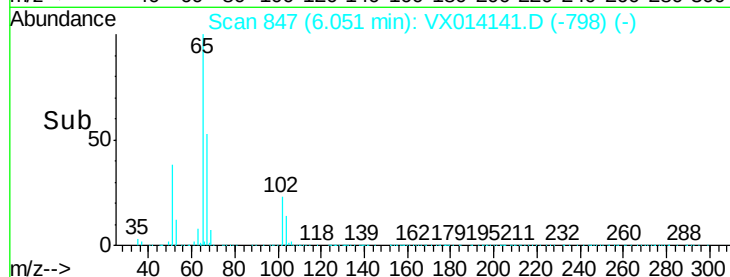
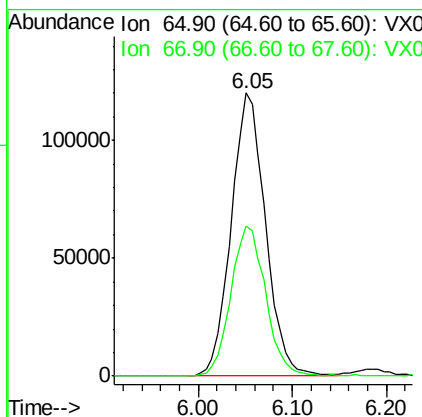
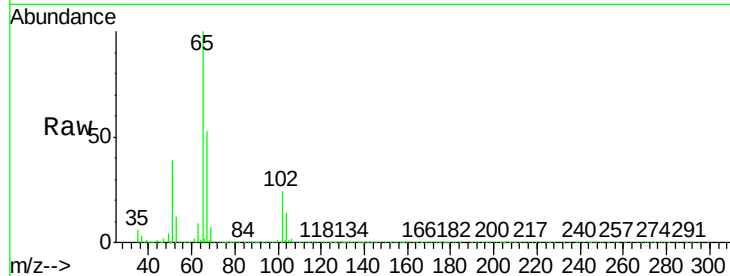
#33
 1,2-Dichloroethane-d4
 Concen: 50.189 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	303790		
67	53.4	0.0	106.4	

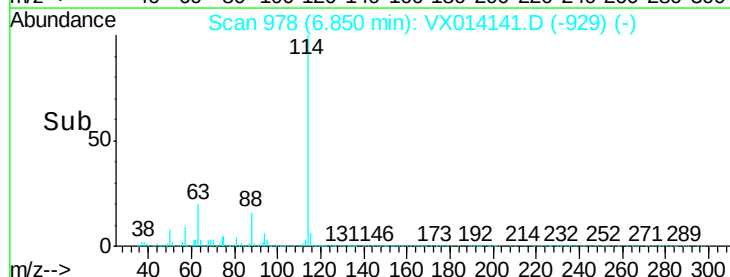
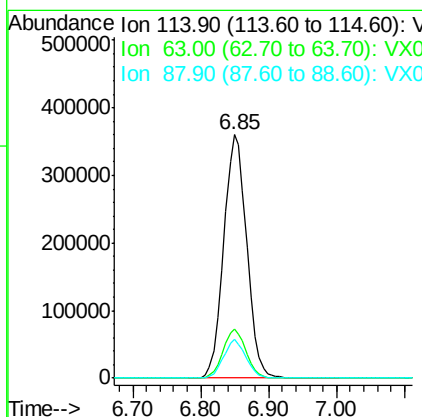
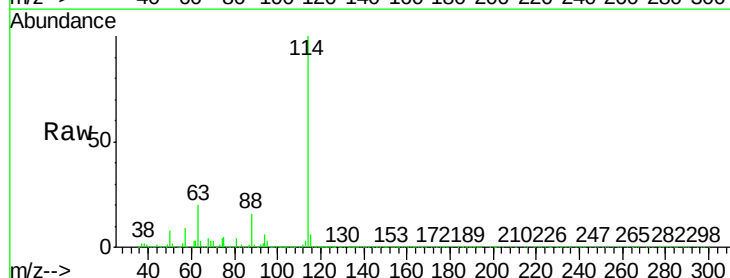
Manual Integrations
 APPROVED

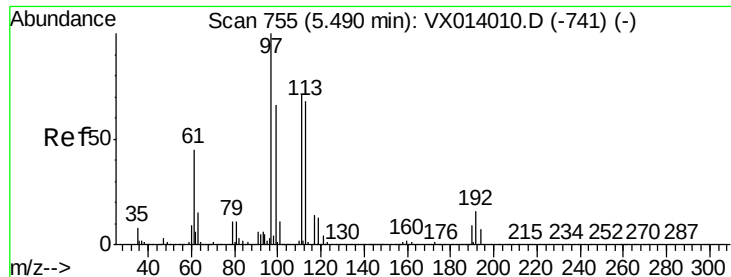
apatel
 12/20/2019 10:23:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	845101		
63	20.3	0.0	40.8	
88	16.0	0.0	30.4	





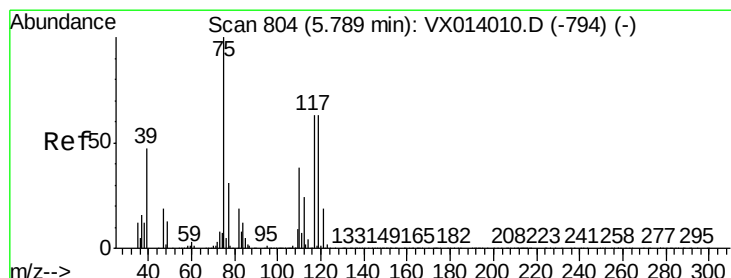
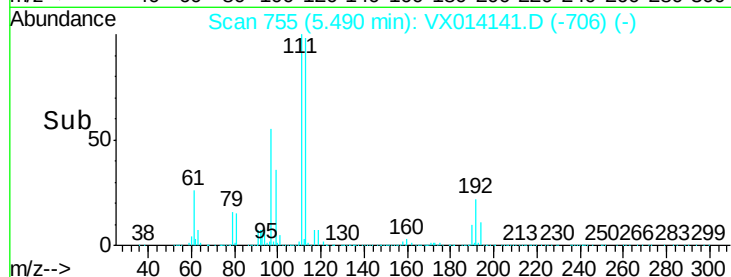
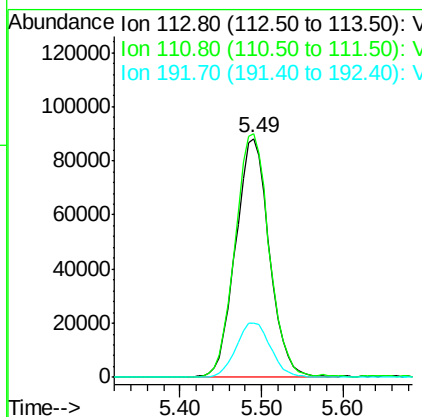
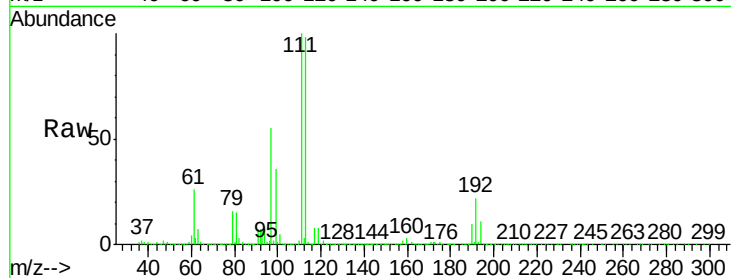
#35
Dibromofluoromethane
Concen: 49.218 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	252847		
111	102.5	82.0	123.0	
192	23.5	19.3	28.9	

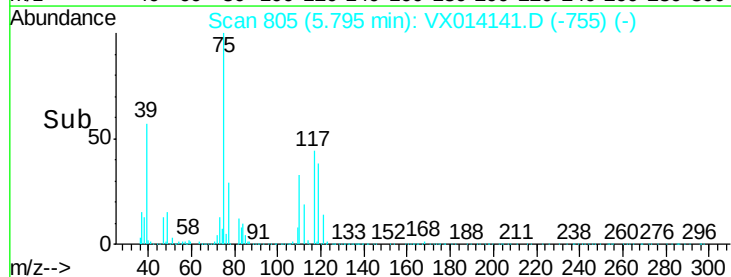
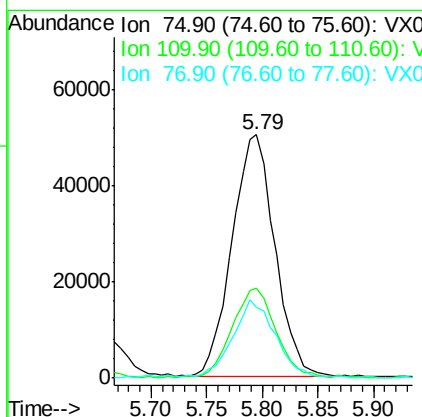
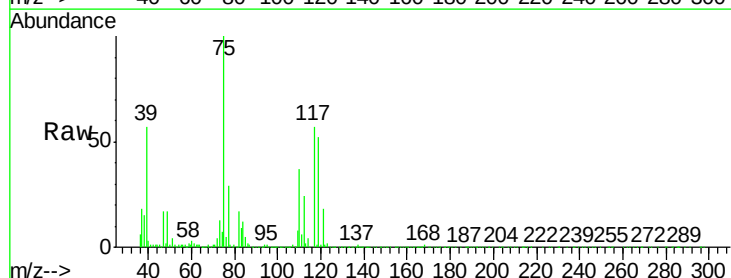
Manual Integrations
APPROVED

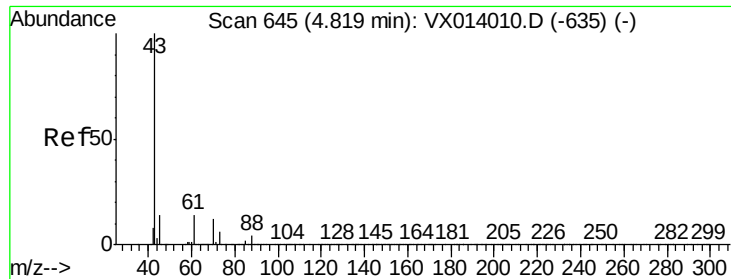
apatel
12/20/2019 10:23:36 AM



#36
1,1-Dichloropropene
Concen: 17.285 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	134036		
110	38.5	18.3	54.9	
77	31.8	24.8	37.2	





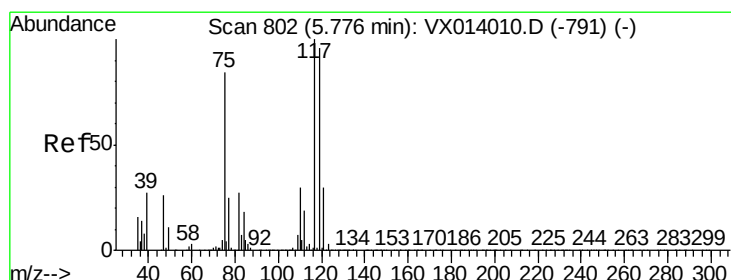
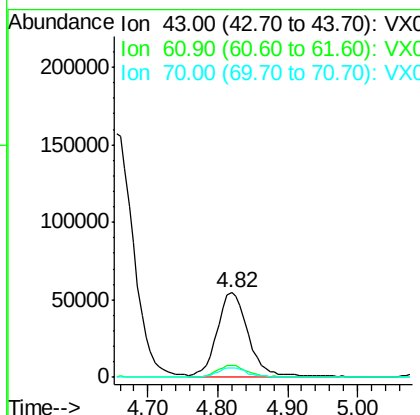
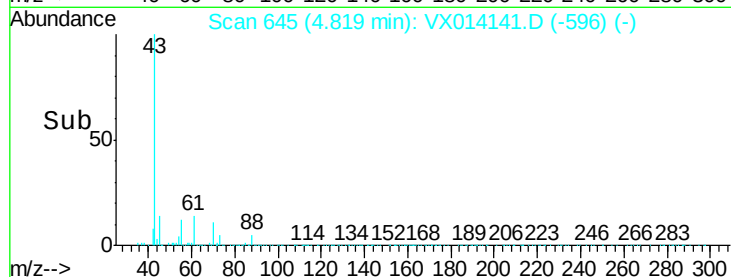
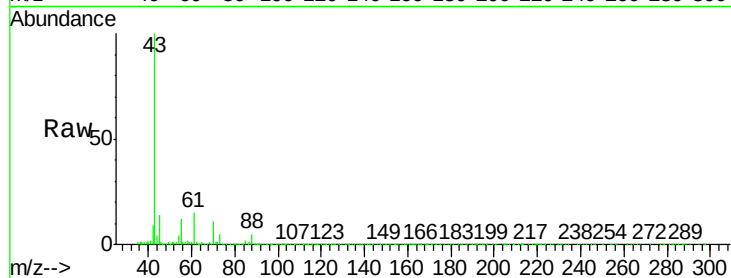
#37
Ethyl Acetate
Concen: 19.437 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	43	Resp	166439
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.8	16.2
70	11.2	8.6	12.8

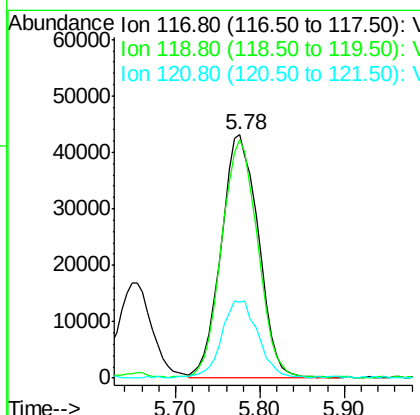
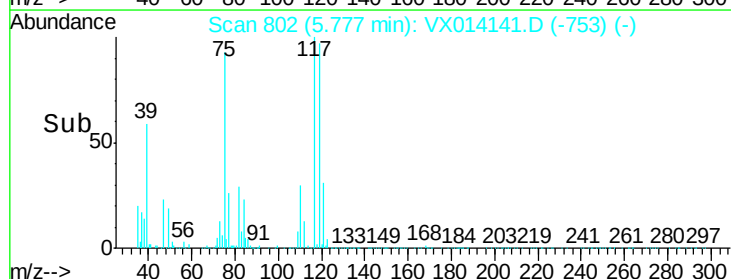
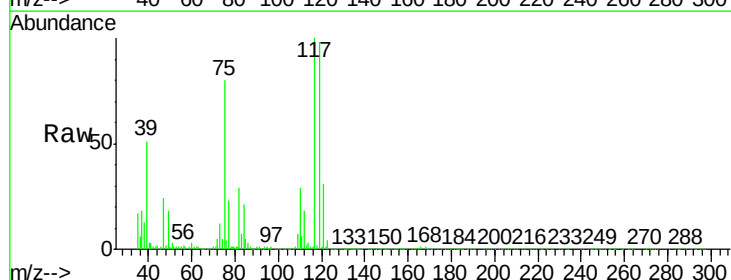
Manual Integrations
APPROVED

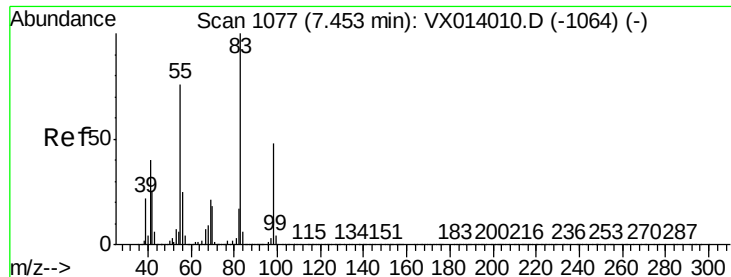
apatel
12/20/2019 10:23:36 AM



#38
Carbon Tetrachloride
Concen: 18.363 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	117	Resp	129715
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.2	114.4
121	30.6	23.6	35.4





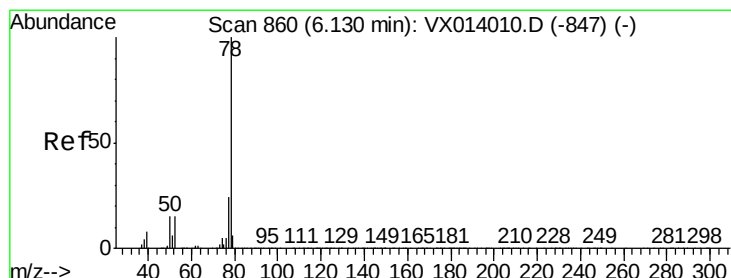
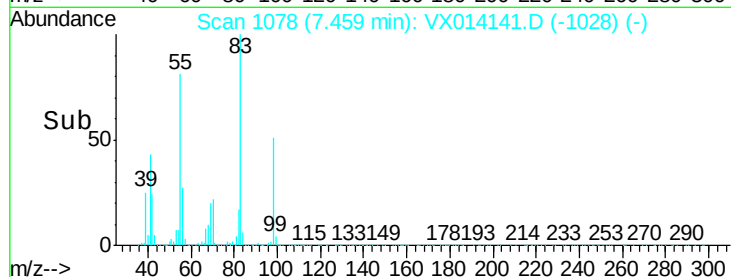
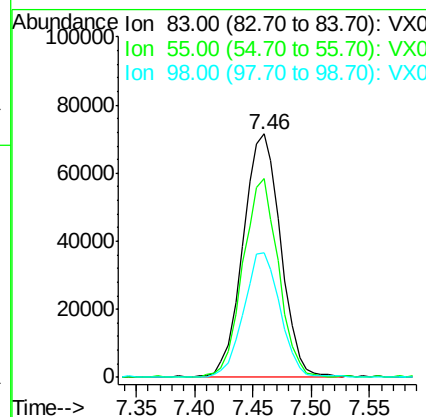
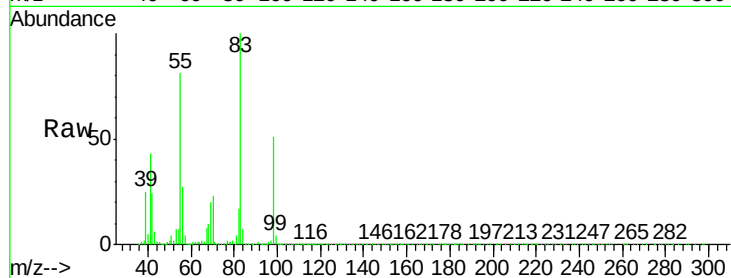
#39
Methylvlcyclohexane
Concen: 16.805 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160899		
55	81.3		61.0	91.6
98	51.0		38.6	57.8

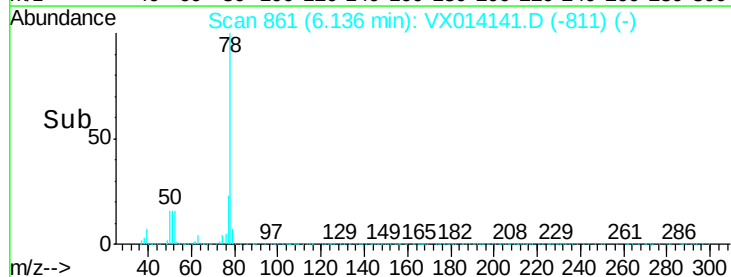
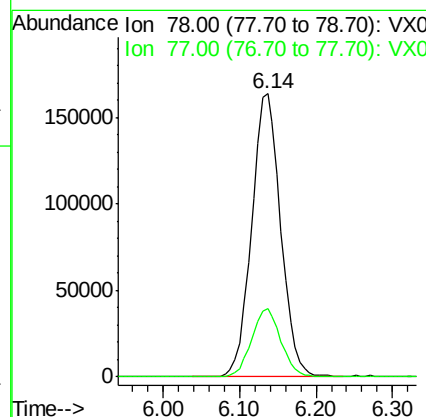
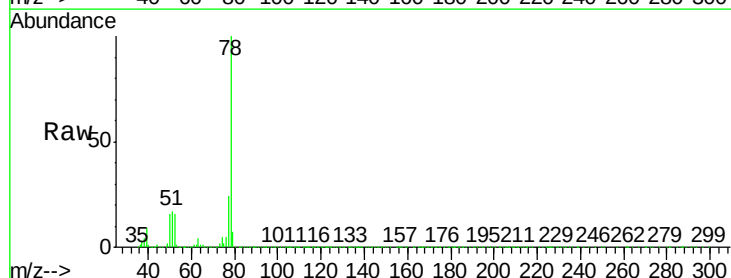
Manual Integrations
APPROVED

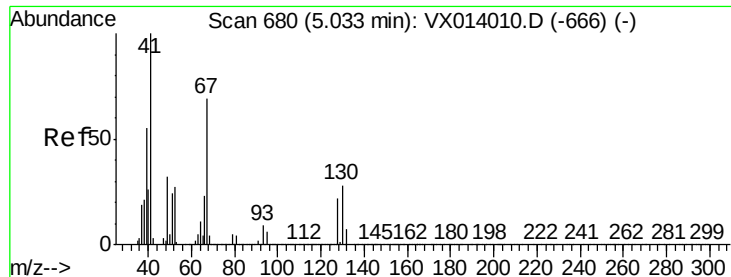
apatel
12/20/2019 10:23:36 AM



#40
Benzene
Concen: 18.121 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	432361		
77	23.9		18.8	28.2





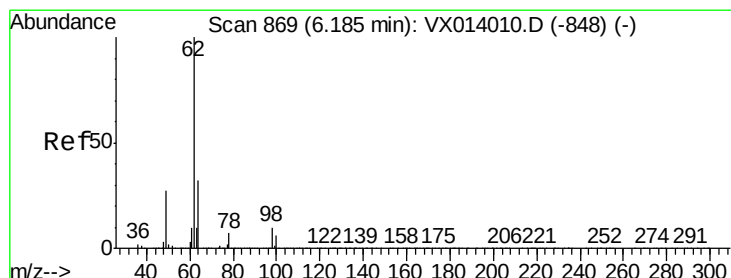
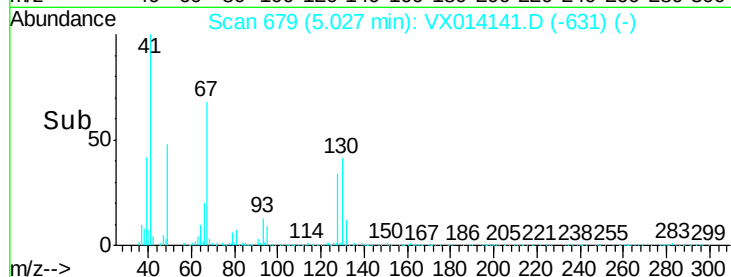
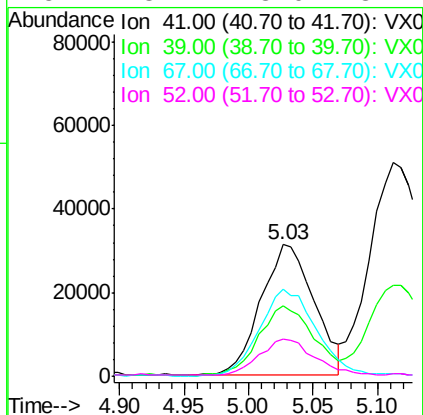
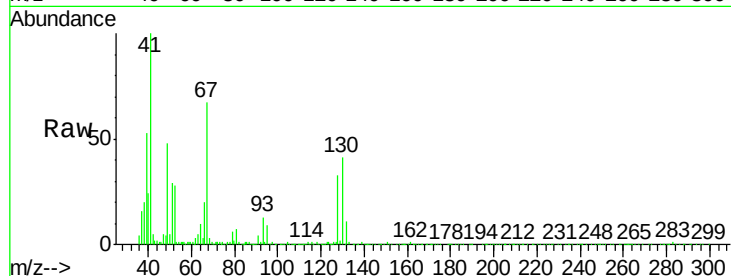
#41
Methacrylonitrile
Concen: 18.790 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.4	44.5	66.7		
67	71.6	57.4	86.0		
52	28.4	23.0	34.4		

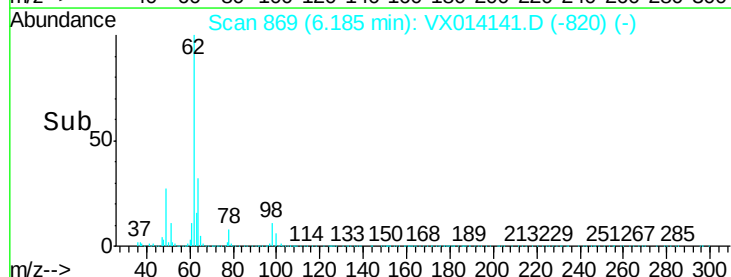
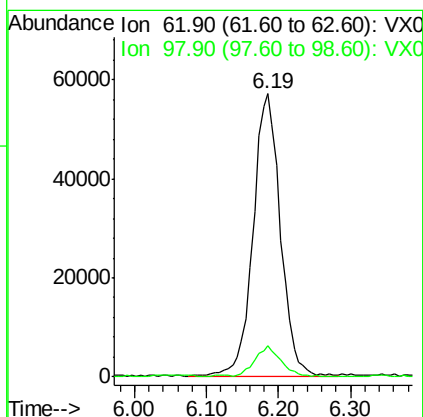
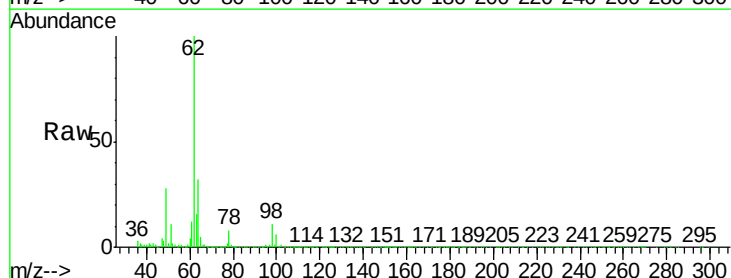
Manual Integrations
APPROVED

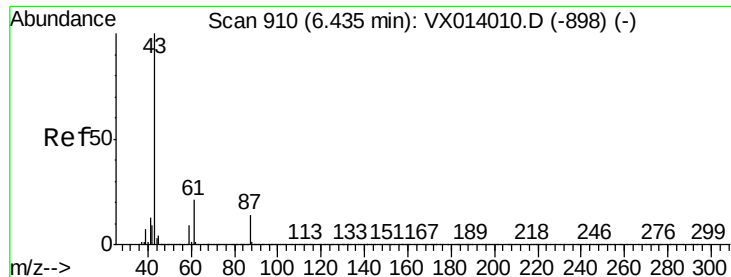
apatel
12/20/2019 10:23:36 AM



#42
1,2-Dichloroethane
Concen: 18.467 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

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





#43

Isopropyl Acetate

Concen: 18.797 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

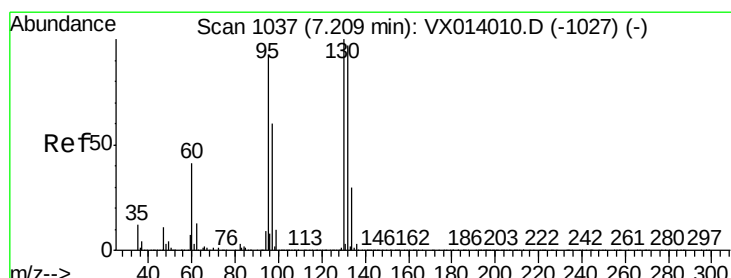
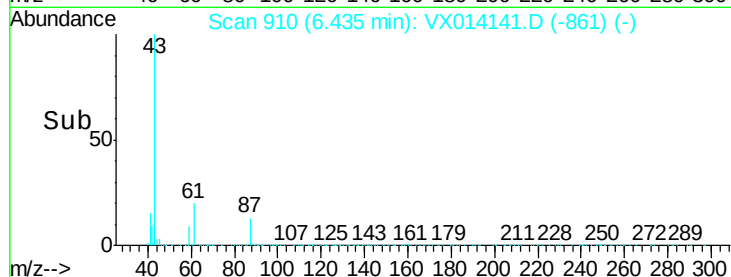
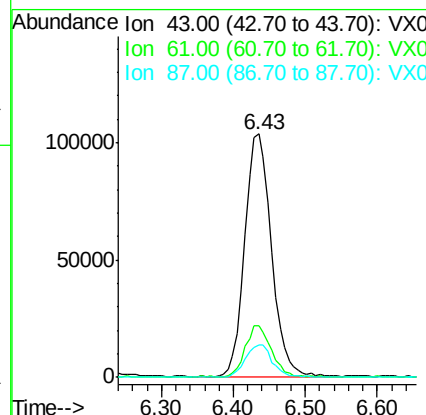
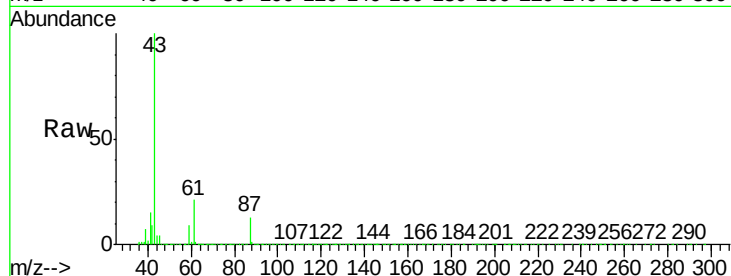
ClientSampleId :

VX1219WBS03

Tot Ion:	43	Resp:	266373
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.4	24.6
87	13.2	10.7	16.1

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#44

Trichloroethene

Concen: 17.543 ug/l

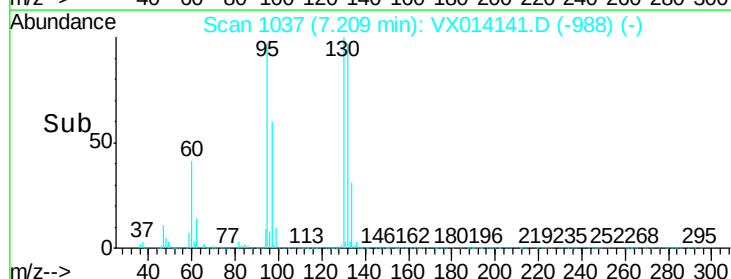
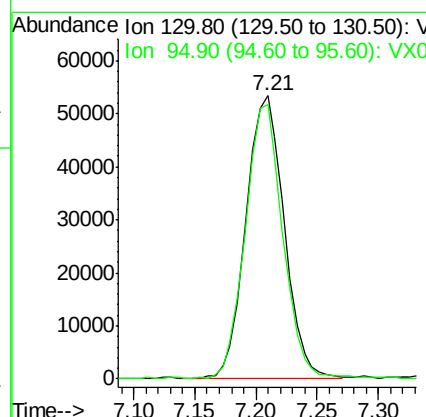
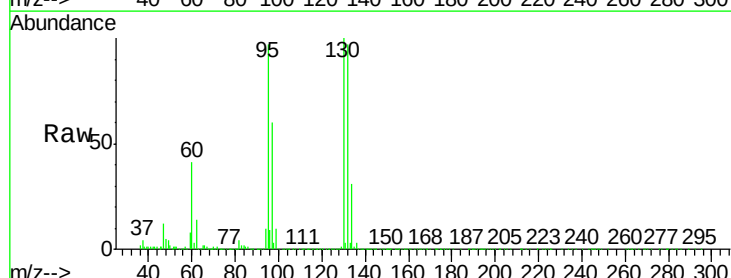
RT: 7.21 min Scan# 1037

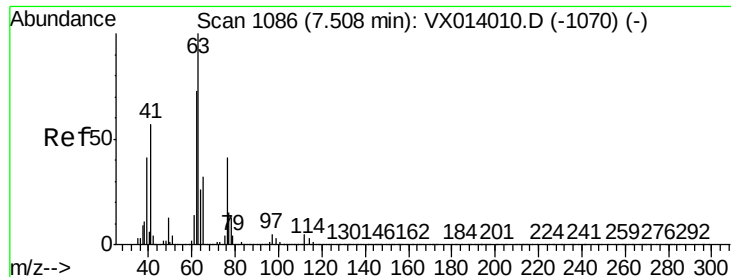
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	130	Resp:	115607
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	185.6





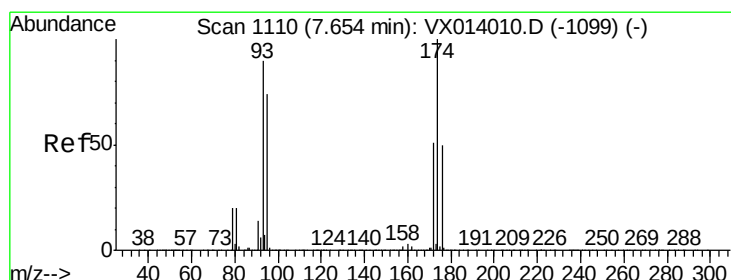
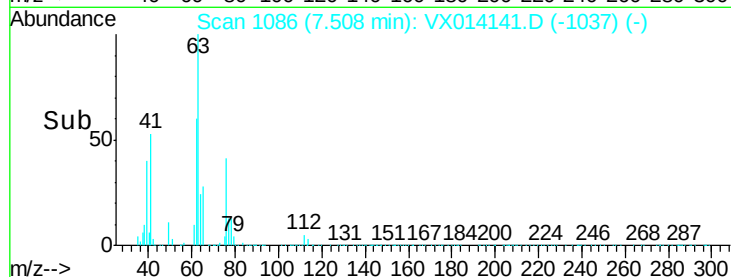
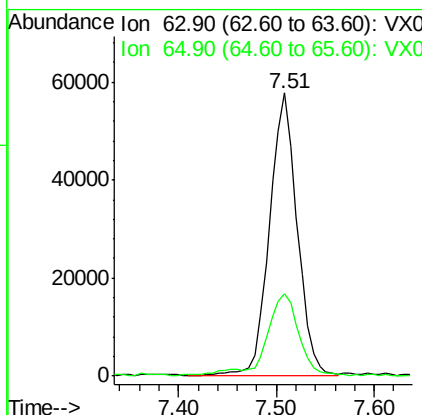
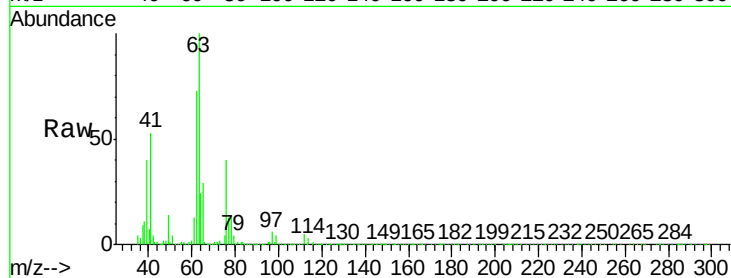
#45
 1,2-Dichloropropane
 Concen: 18.458 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.8	25.8	38.8

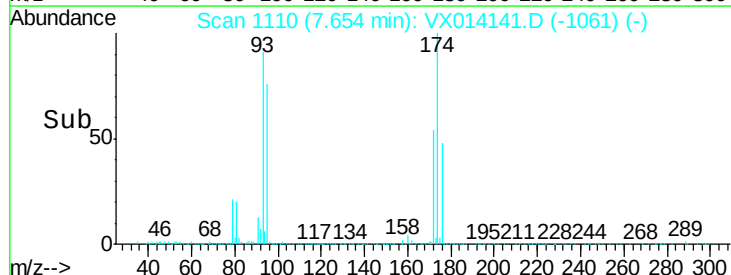
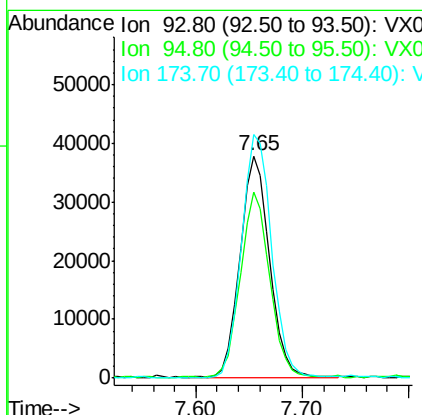
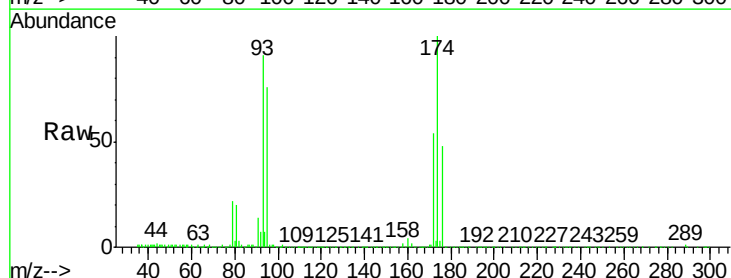
Manual Integrations
 APPROVED

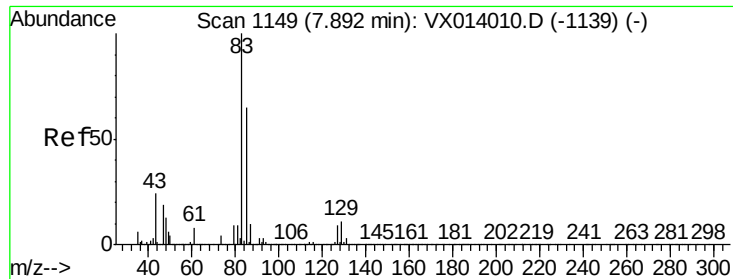
apatel
 12/20/2019 10:23:36 AM



#46
 Dibromomethane
 Concen: 18.231 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.3	100.9
174	112.8	91.6	137.4





#47

Bromodichloromethane

Concen: 18.429 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

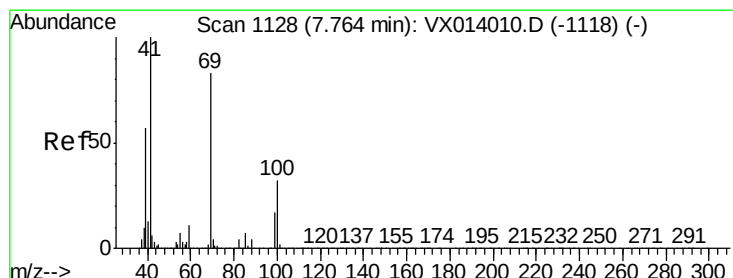
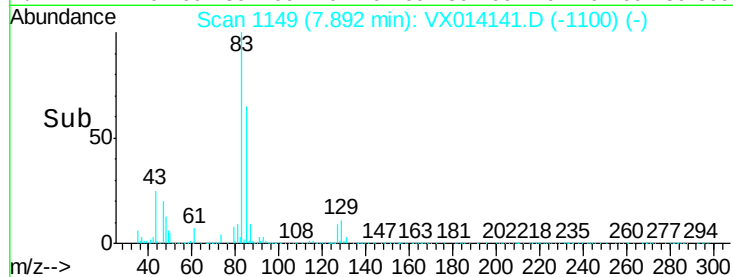
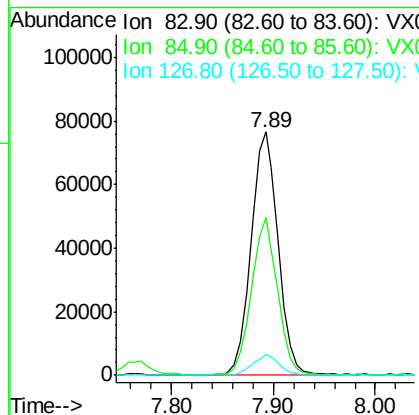
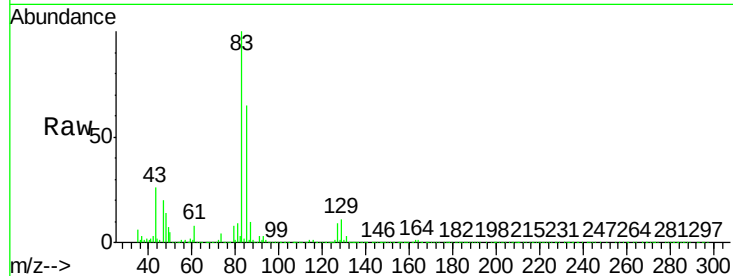
ClientSampleId :

VX1219WBS03

Tot Ion:	83	Resp:	140333
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.8
127	8.6	7.0	10.4

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#48

Methyl methacrylate

Concen: 18.571 ug/l

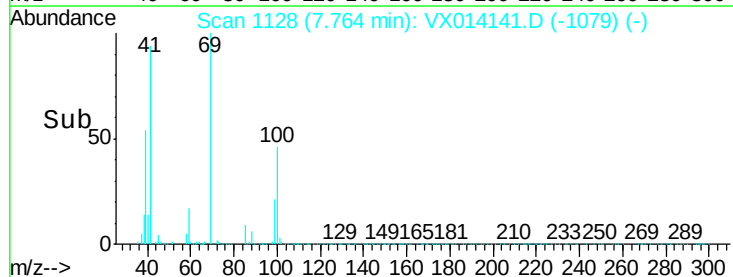
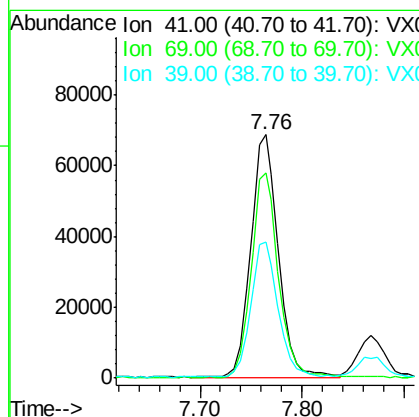
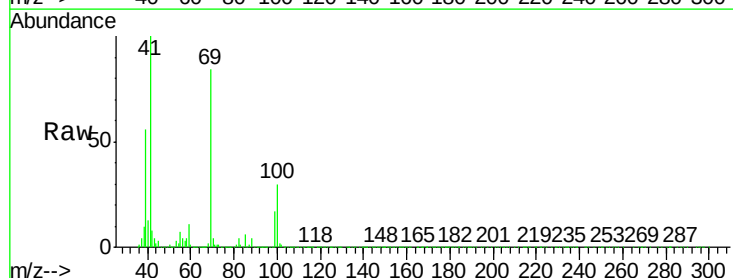
RT: 7.76 min Scan# 1128

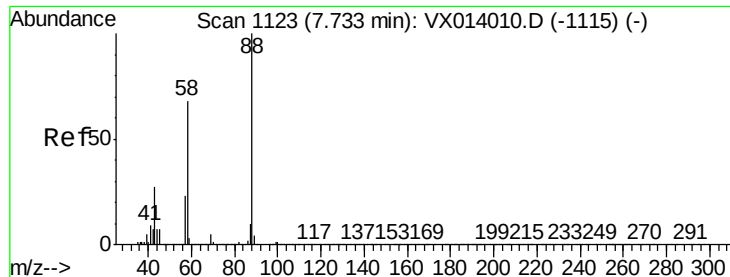
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	41	Resp:	128868
Ion Ratio	Lower	Upper	
41	100		
69	84.0	65.8	98.6
39	54.5	44.6	67.0





#49

1,4-Dioxane

Concen: 384.384 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

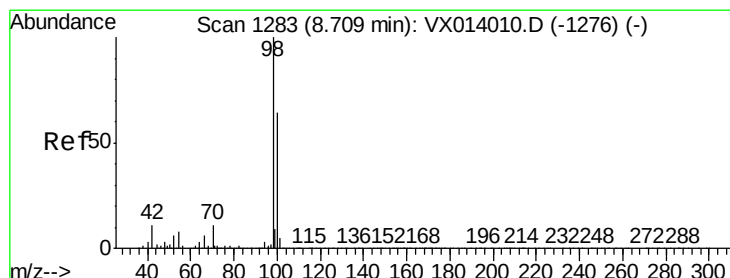
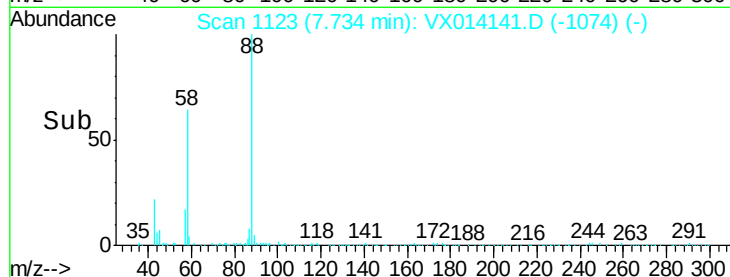
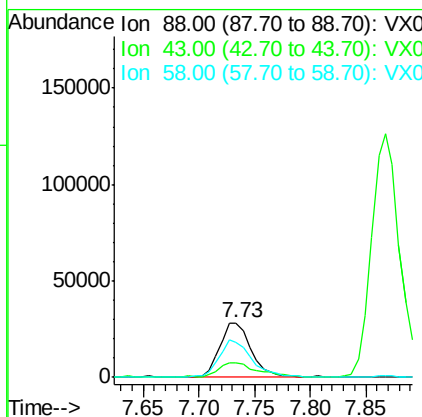
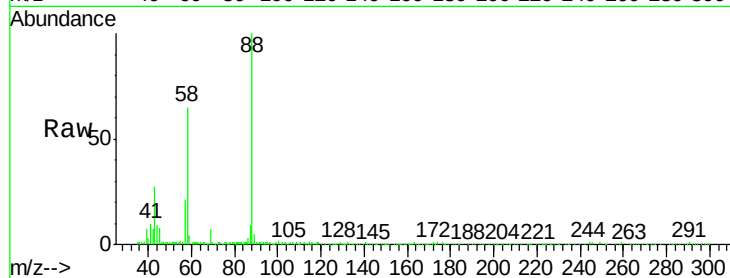
ClientSampleId :

VX1219WBS03

Tot Ion:	88	Resp:	54281
Ion Ratio	Lower	Upper	
88	100		
43	32.2	26.5	39.7
58	74.4	56.8	85.2

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#50

Toluene-d8

Concen: 48.868 ug/l

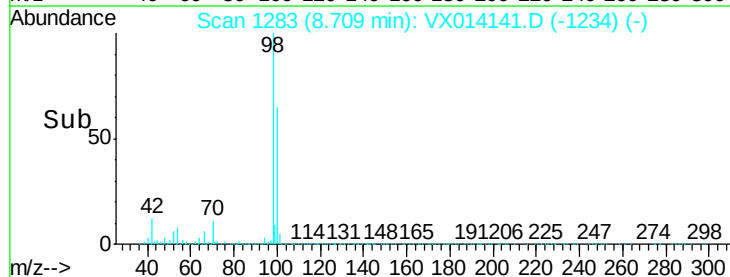
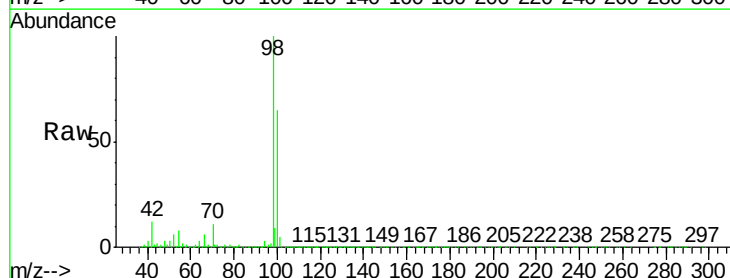
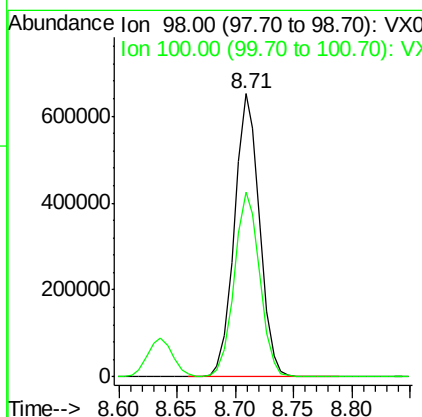
RT: 8.71 min Scan# 1283

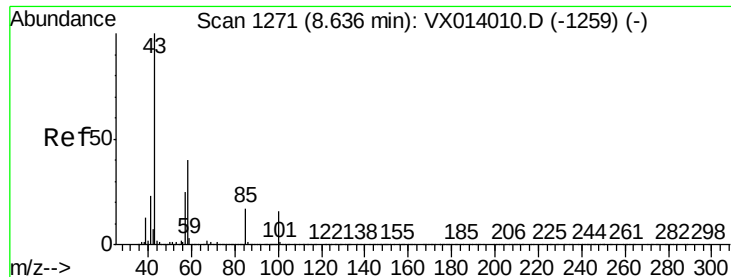
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	98	Resp:	977387
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 94.943 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 43 Resp: 844972

Ion Ratio Lower Upper

43 100

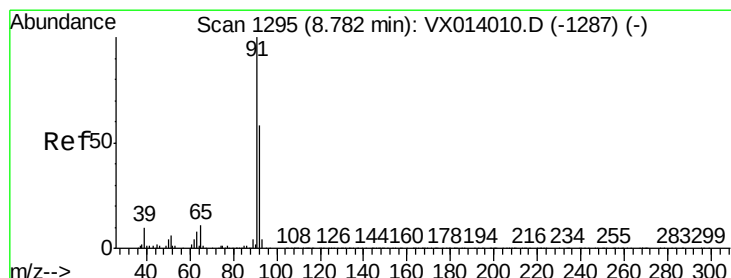
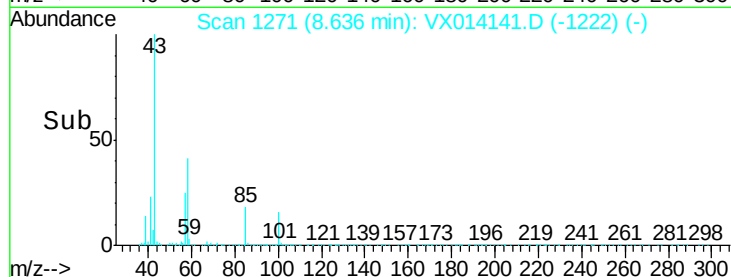
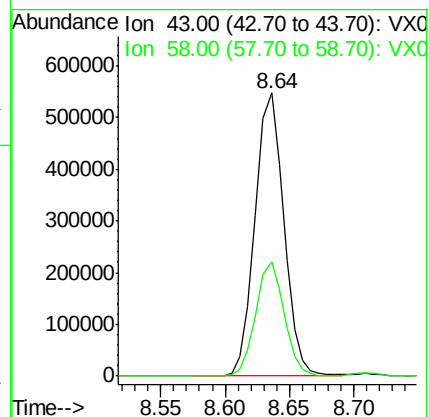
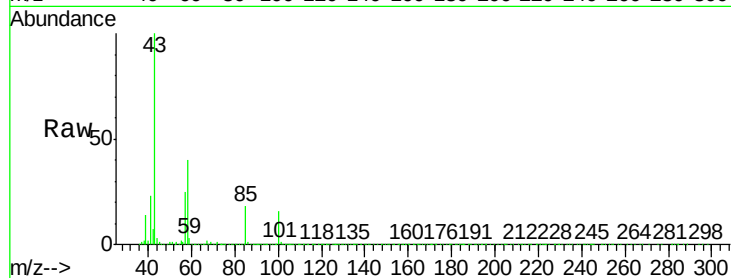
58 39.7 32.2 48.2

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#52

Toluene

Concen: 18.054 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014141.D

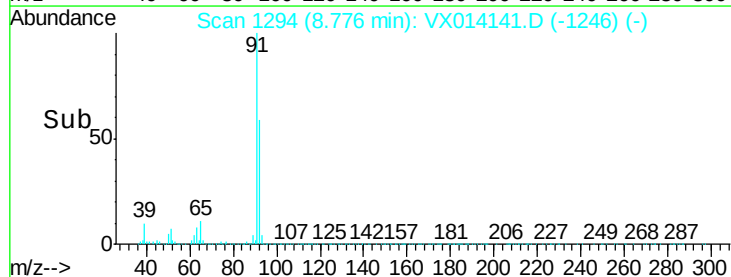
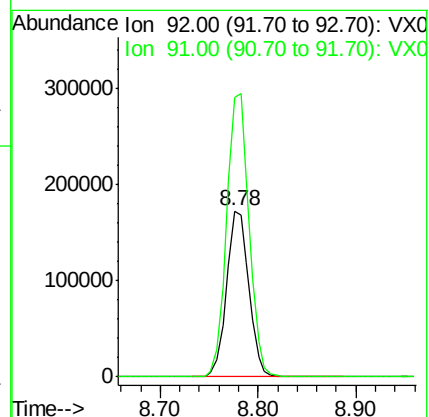
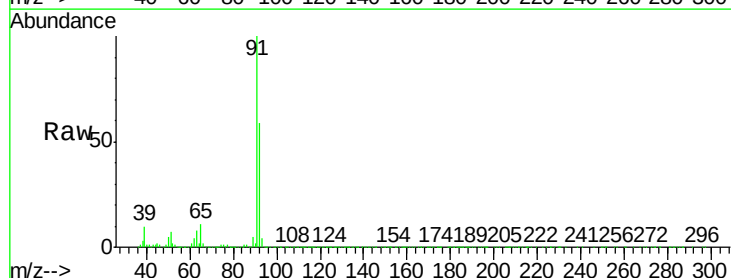
Acq: 20 Dec 2019 00:23

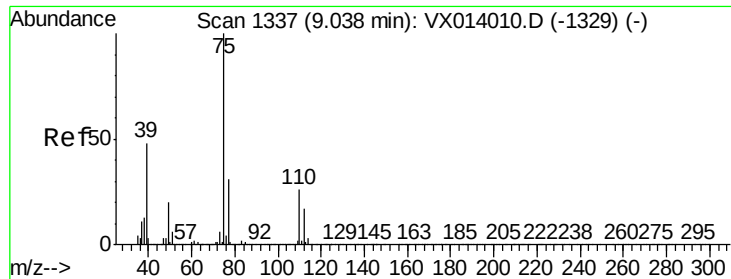
Tgt Ion: 92 Resp: 272268

Ion Ratio Lower Upper

92 100

91 172.5 136.2 204.4





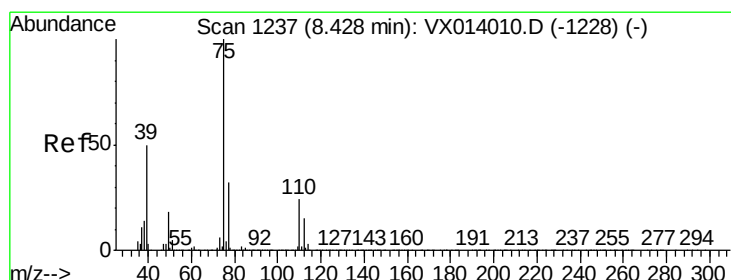
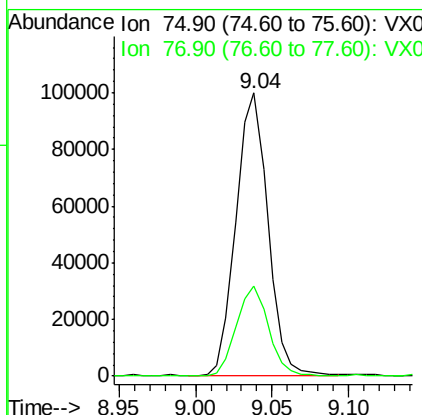
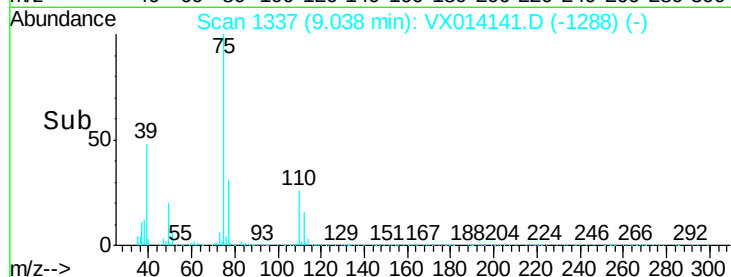
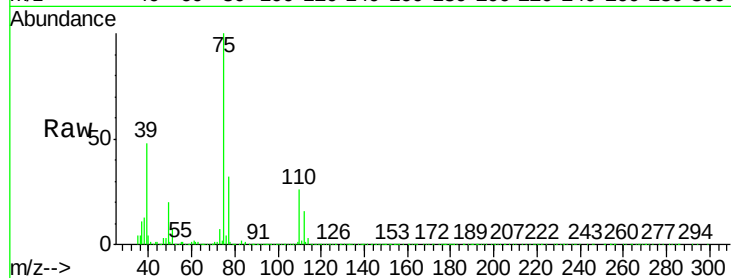
#53
t-1,3-Dichloropropene
Concen: 17.290 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

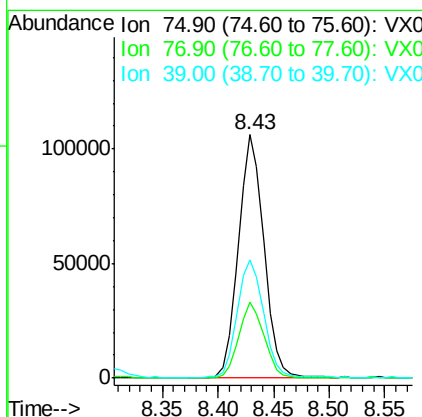
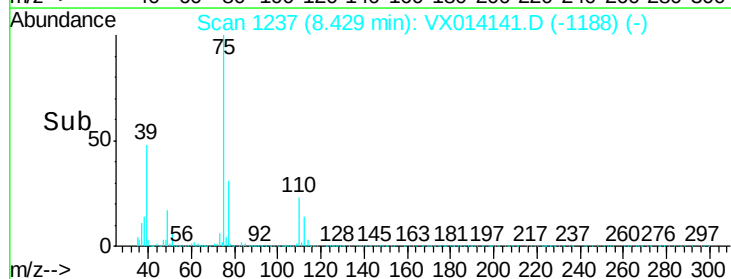
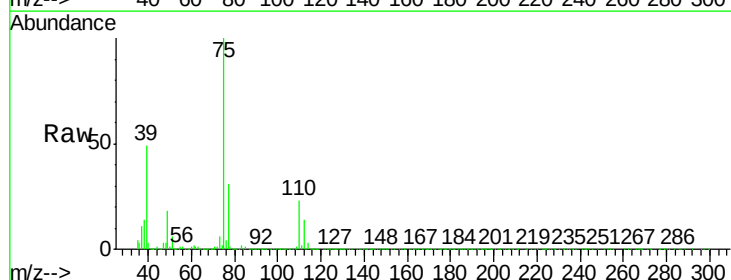
Manual Integrations
APPROVED

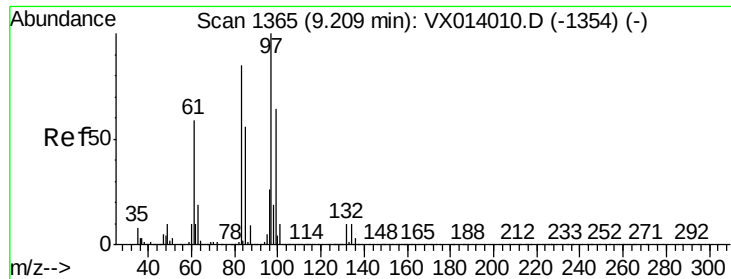
apatel
12/20/2019 10:23:36 AM



#54
cis-1,3-Dichloropropene
Concen: 18.179 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.3	37.9
39	48.4	39.9	59.9





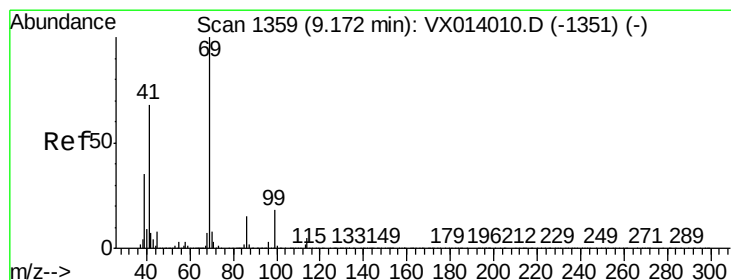
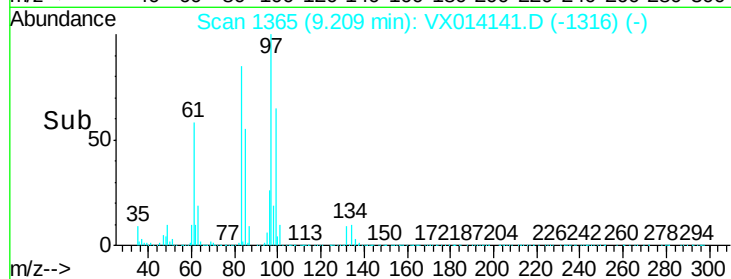
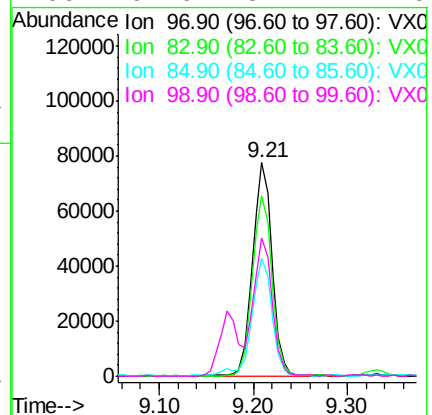
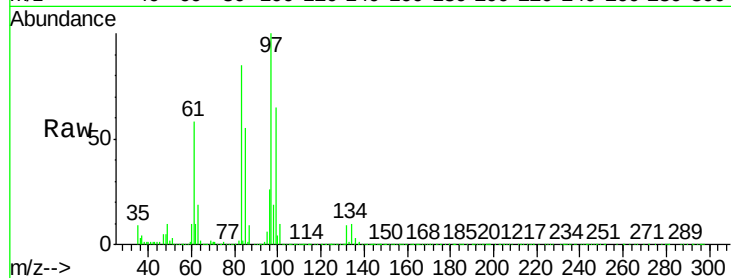
#55
 1,1,2-Trichloroethane
 Concen: 18.669 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.5	68.2	102.4		
85	54.7	44.6	66.8		
99	64.6	51.4	77.0		

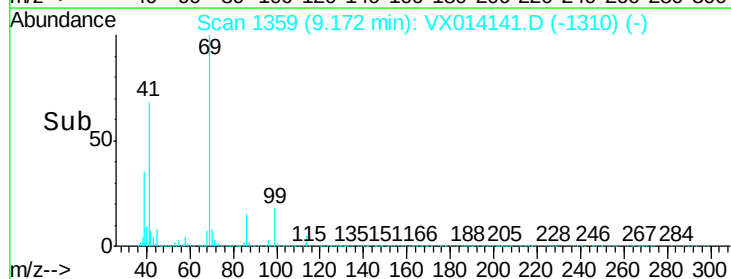
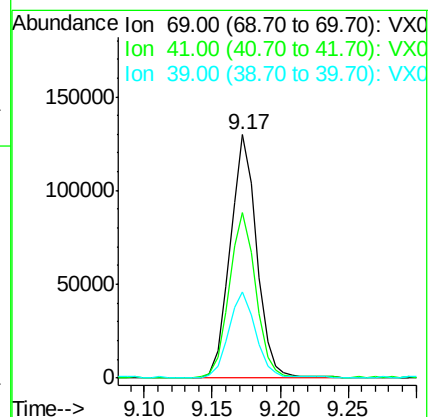
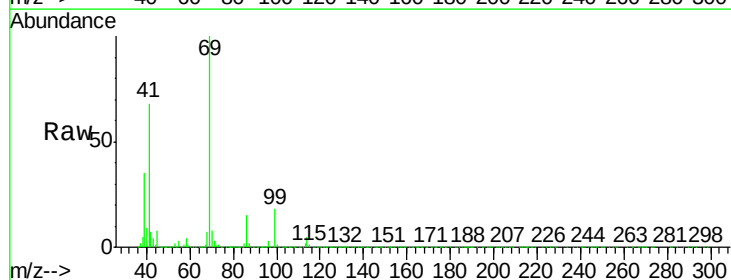
Manual Integrations
 APPROVED

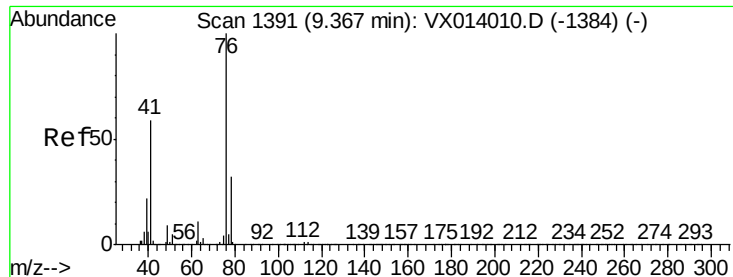
apatel
 12/20/2019 10:23:36 AM



#56
 Ethyl methacrylate
 Concen: 18.448 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	68.2	54.8	82.2		
39	36.2	28.3	42.5		





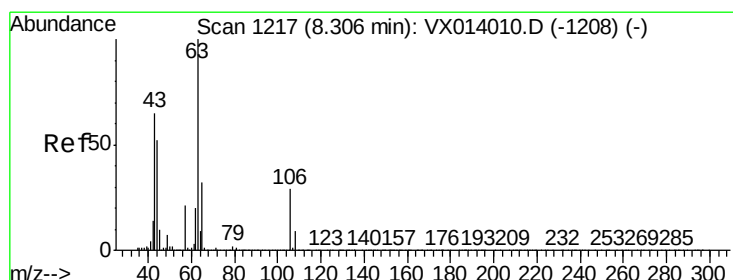
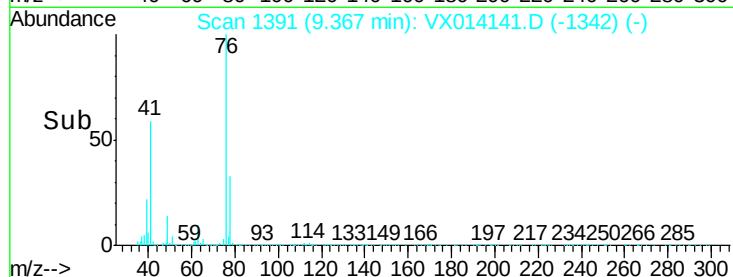
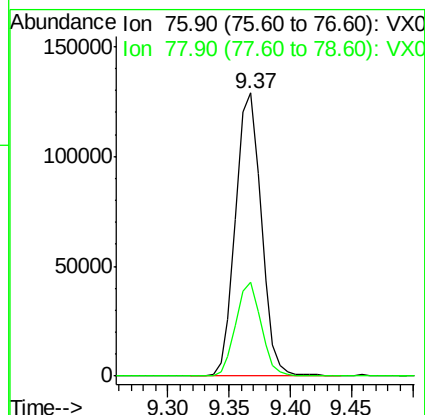
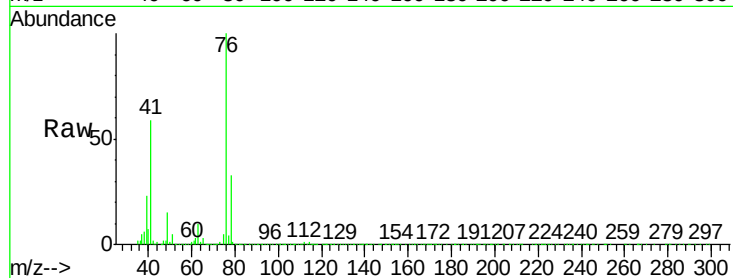
#57
 1,3-Dichloropropane
 Concen: 18.394 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6

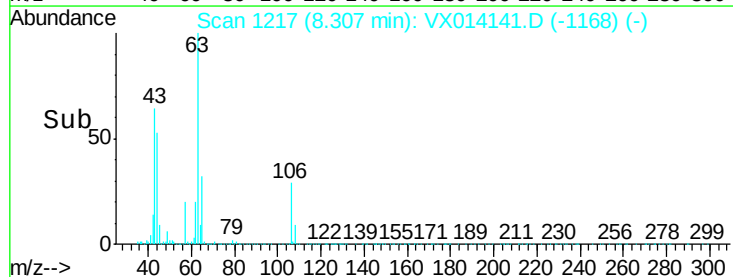
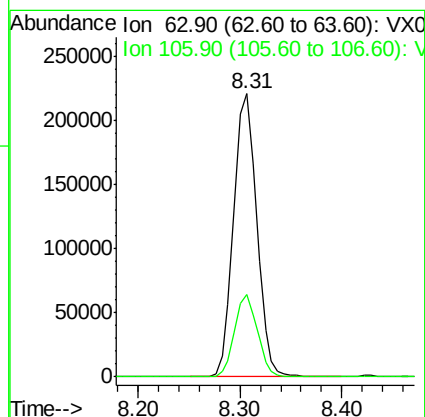
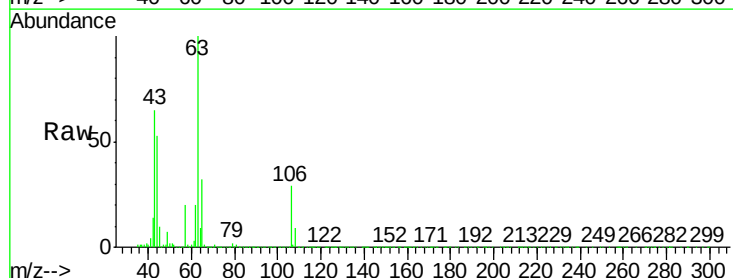
Manual Integrations
 APPROVED

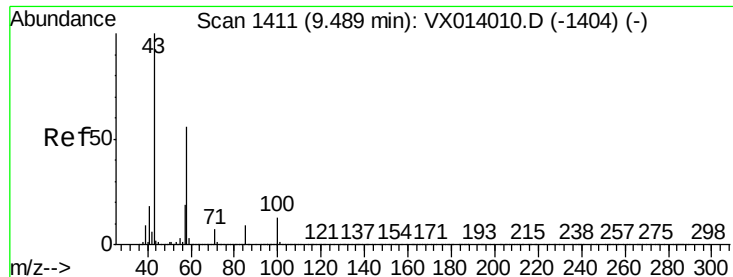
apatel
 12/20/2019 10:23:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.129 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.0	34.6





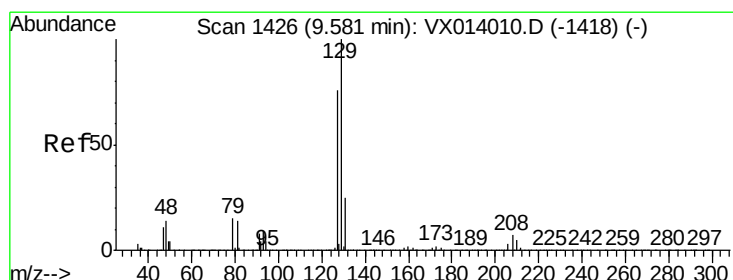
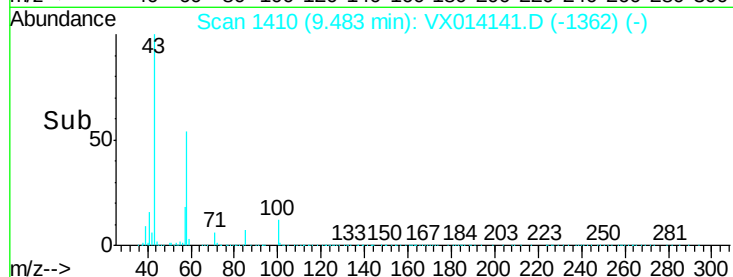
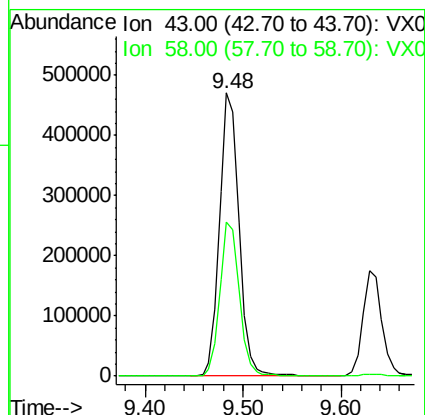
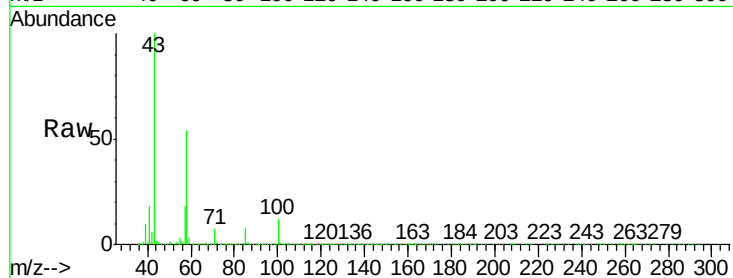
#59
2-Hexanone
Concen: 90.933 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion: 43 Resp: 651474
Ion Ratio Lower Upper
43 100
58 54.4 28.0 84.0

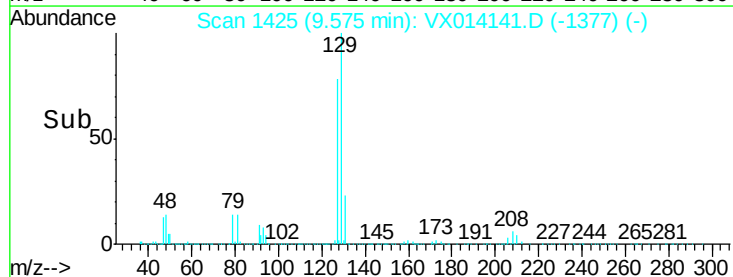
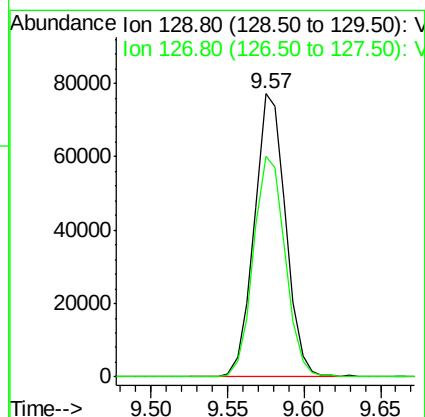
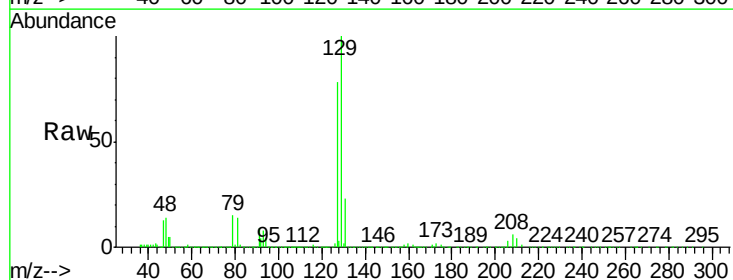
Manual Integrations
APPROVED

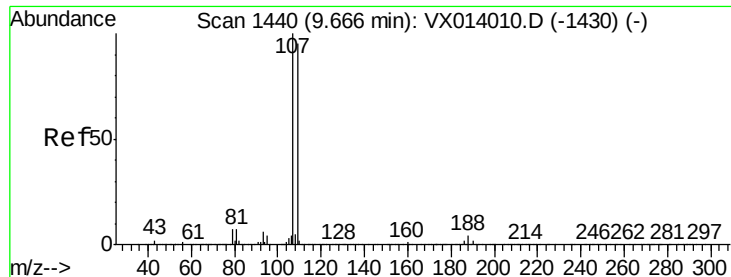
apatel
12/20/2019 10:23:36 AM



#60
Dibromochloromethane
Concen: 18.246 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 129 Resp: 109620
Ion Ratio Lower Upper
129 100
127 79.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.695 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 107 Resp: 115610

Ion Ratio Lower Upper

107 100

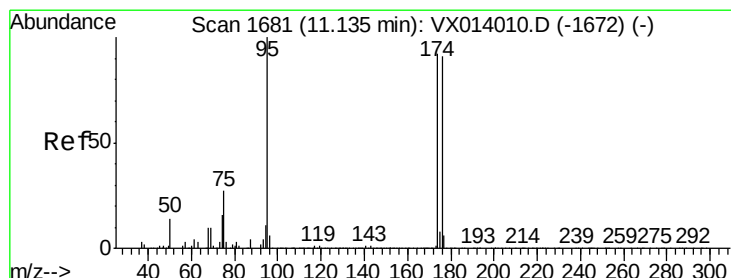
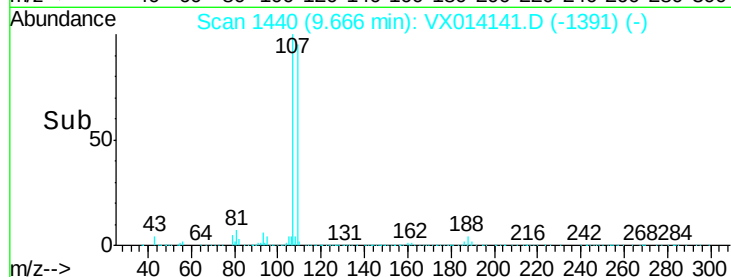
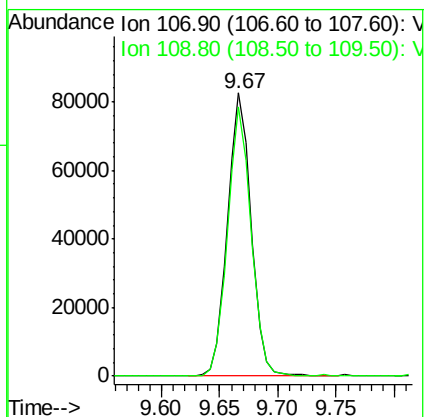
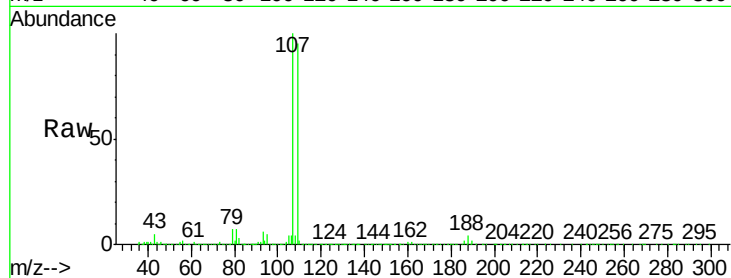
109 95.5 75.7 113.5

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#62

4-Bromofluorobenzene

Concen: 46.761 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

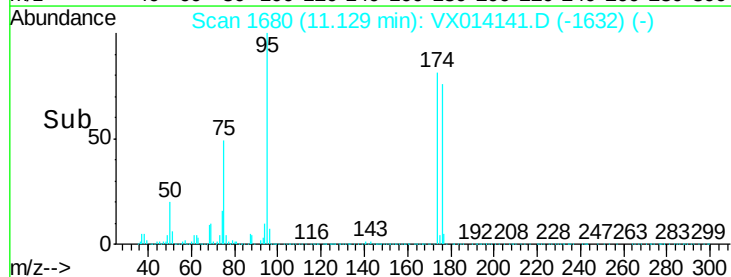
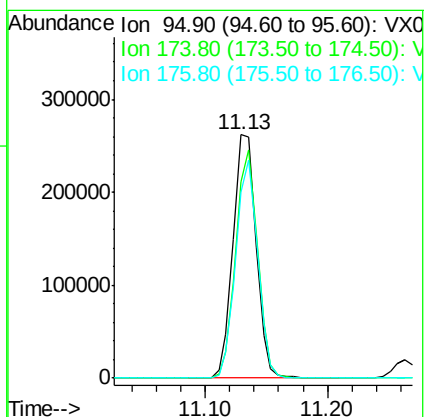
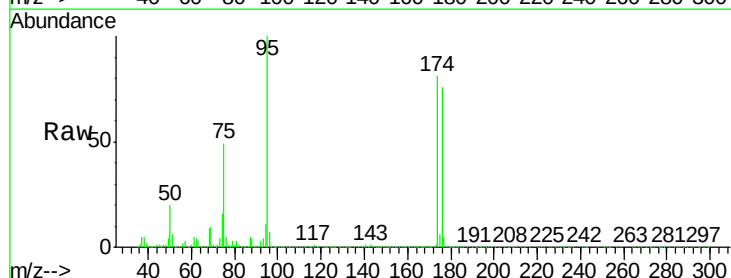
Tgt Ion: 95 Resp: 341879

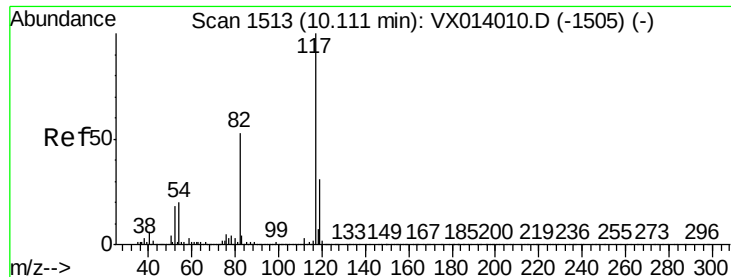
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

176 85.0 0.0 173.0





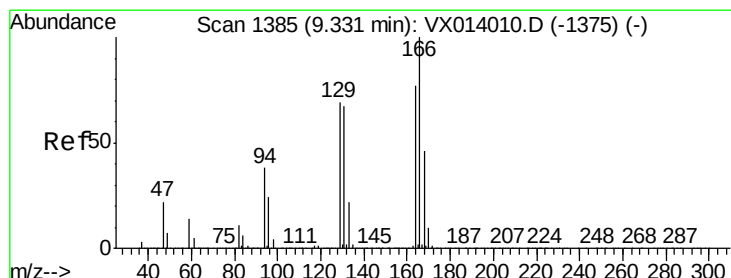
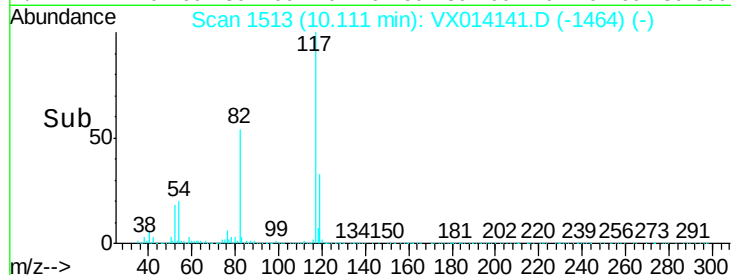
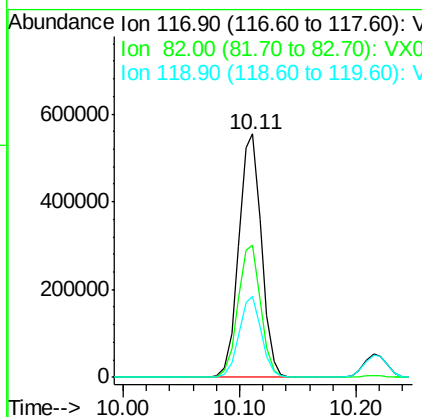
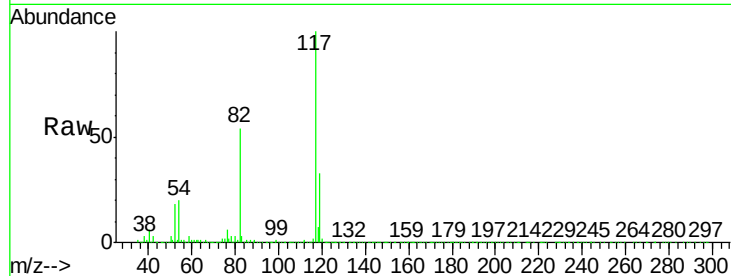
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.1	42.2	63.4
119	33.3	25.1	37.7

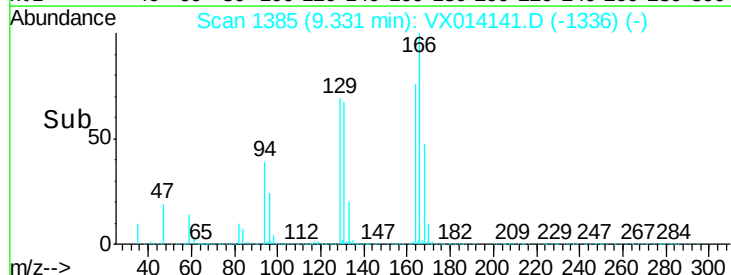
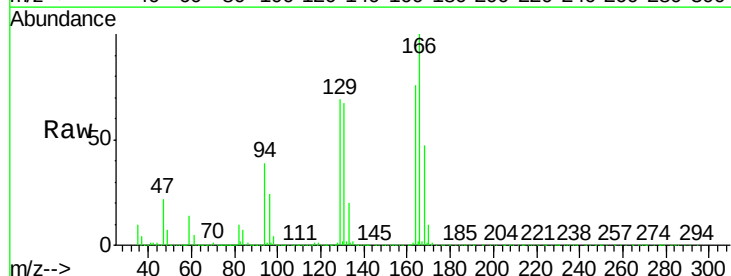
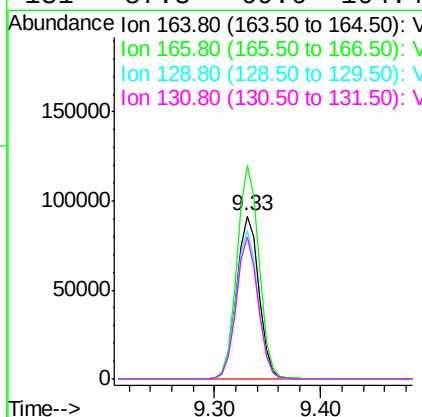
Manual Integrations
APPROVED

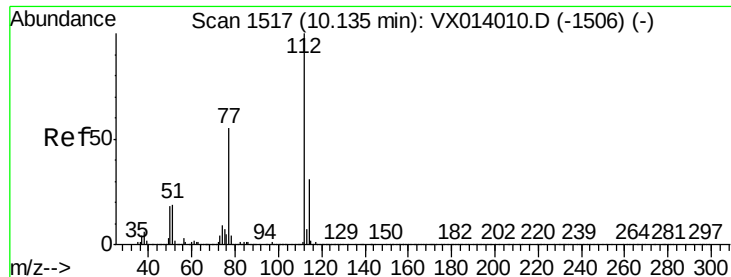
apatel
12/20/2019 10:23:36 AM



#64
Tetrachloroethene
Concen: 20.358 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	131.1	104.0	156.0
129	90.8	72.2	108.4
131	87.3	69.6	104.4





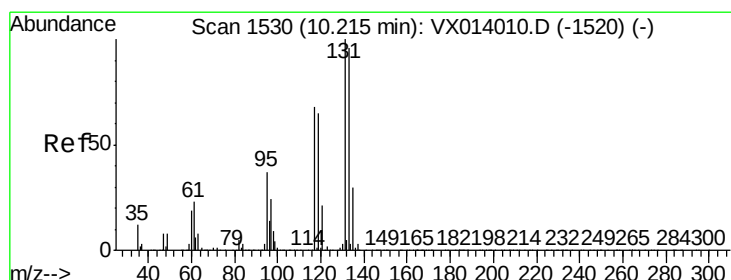
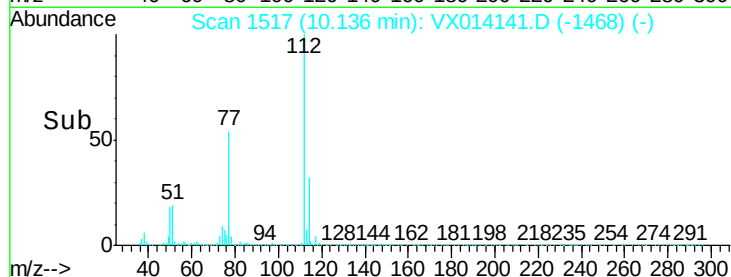
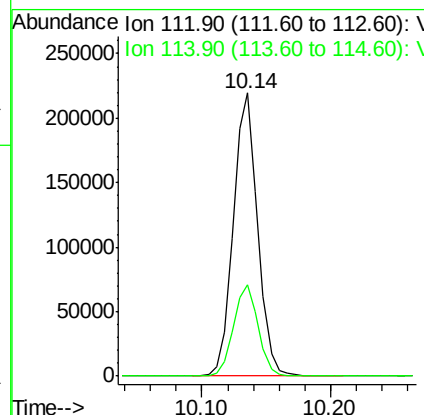
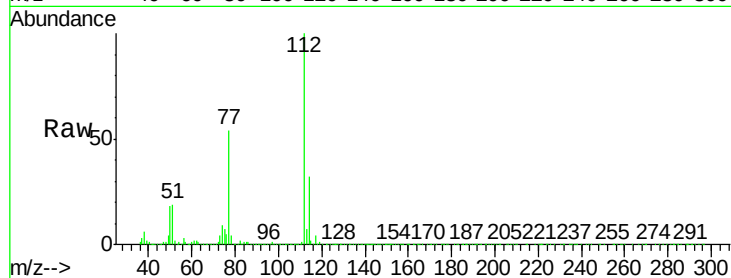
#65
Chlorobenzene
Concen: 18.131 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Resp	Lower	Upper
112	100	289542		
114	32.1	24.9	37.3	

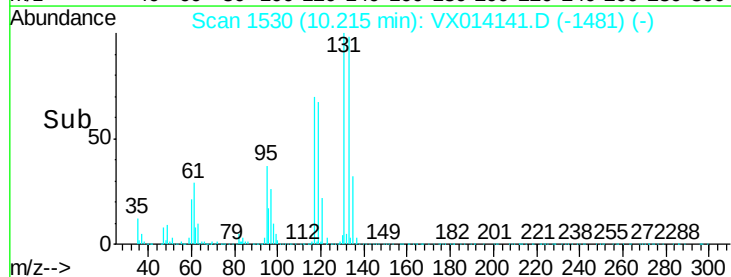
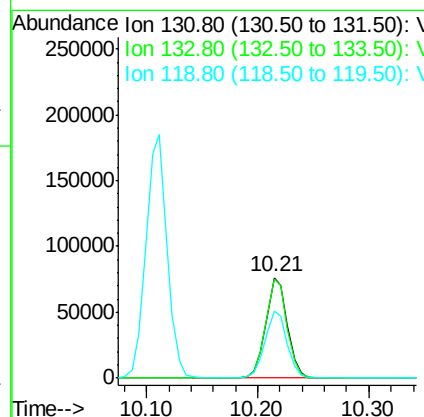
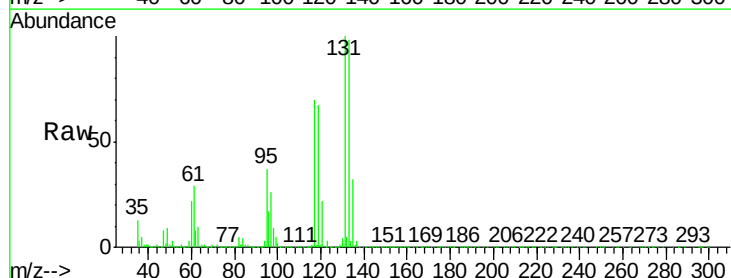
Manual Integrations
APPROVED

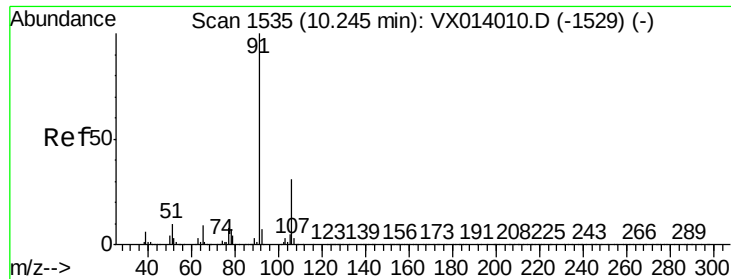
apatel
12/20/2019 10:23:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.234 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	103968		
133	97.4	48.0	144.0	
119	67.2	33.4	100.2	





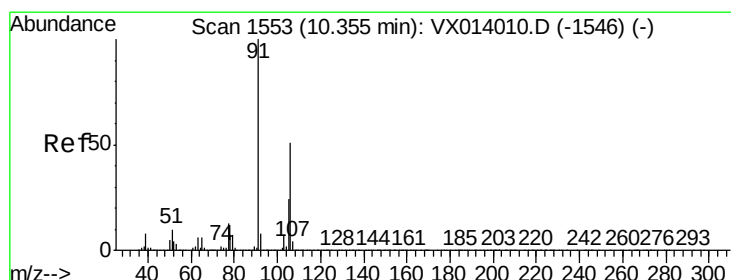
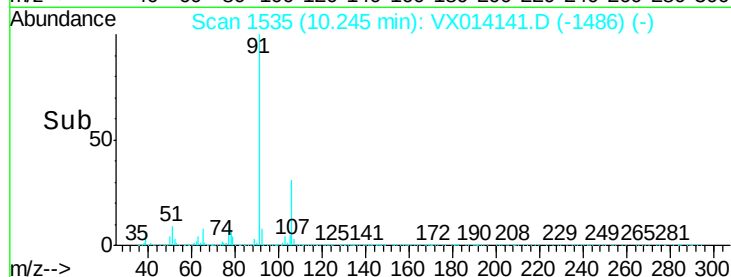
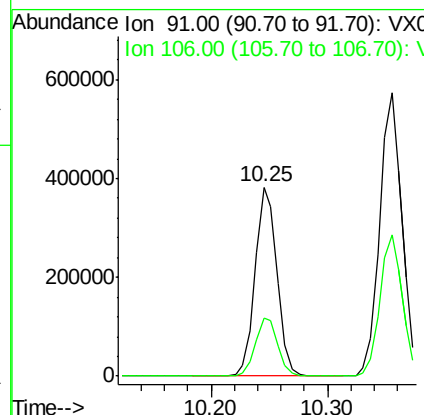
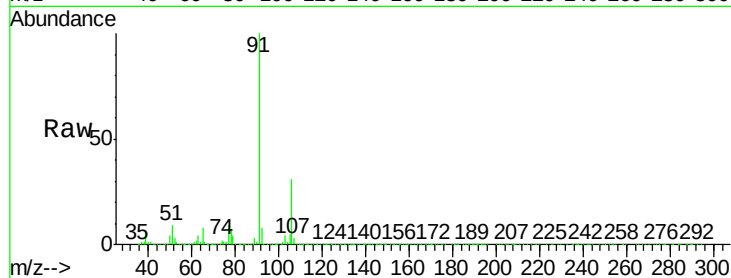
#67
Ethyl Benzene
Concen: 18.222 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion: 91 Resp: 500280
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6

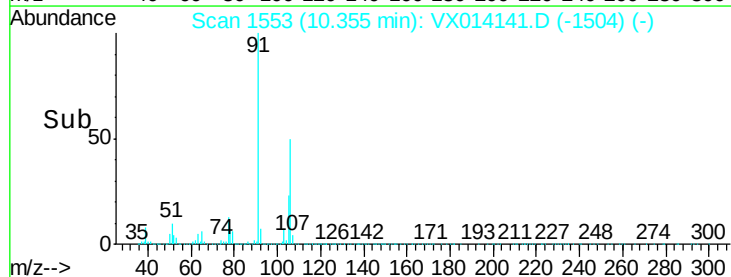
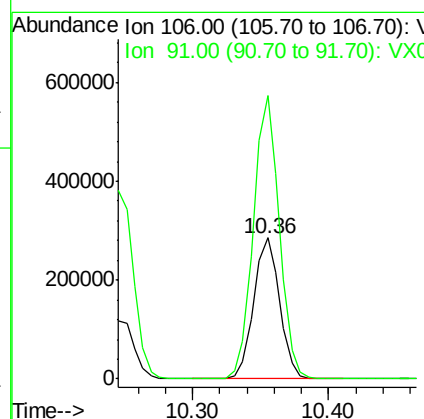
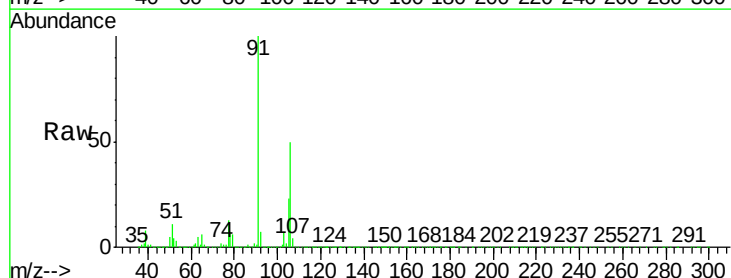
Manual Integrations
APPROVED

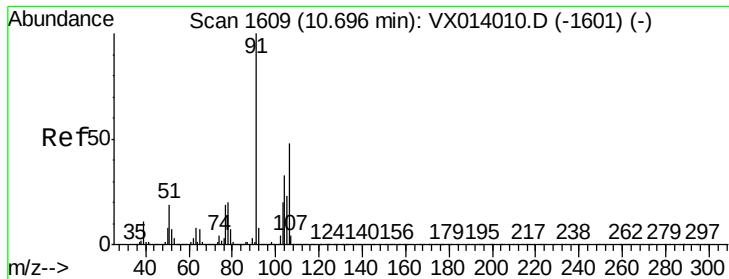
apatel
12/20/2019 10:23:36 AM



#68
m/p-Xylenes
Concen: 36.337 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion: 106 Resp: 383704
Ion Ratio Lower Upper
106 100
91 199.0 158.6 238.0





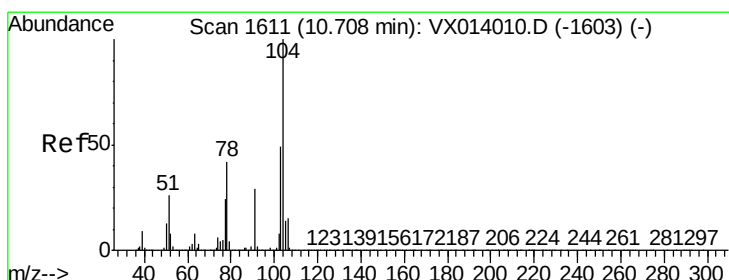
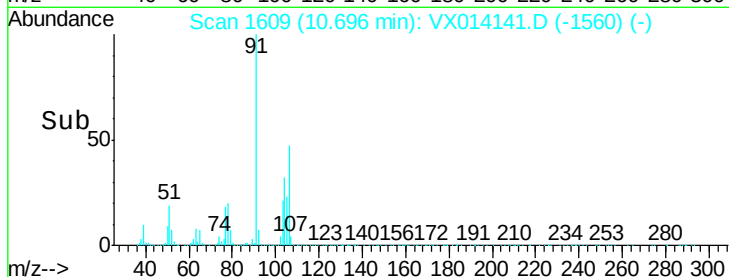
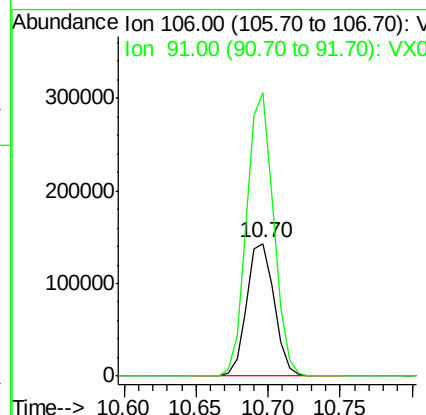
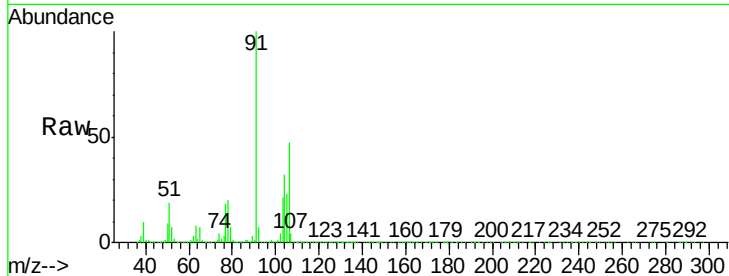
#69
o-Xylene
Concen: 18.305 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.8	104.2	312.6

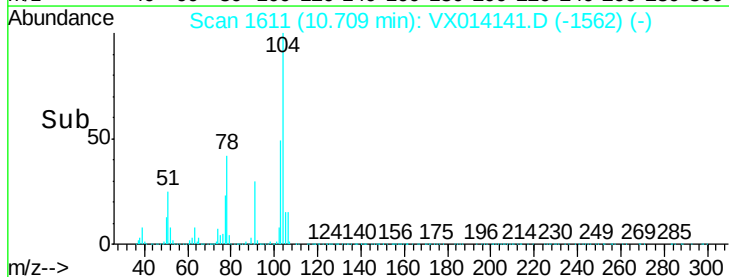
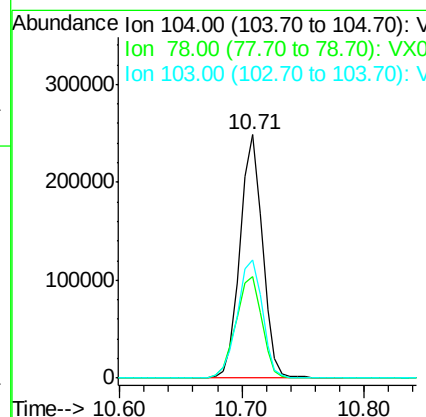
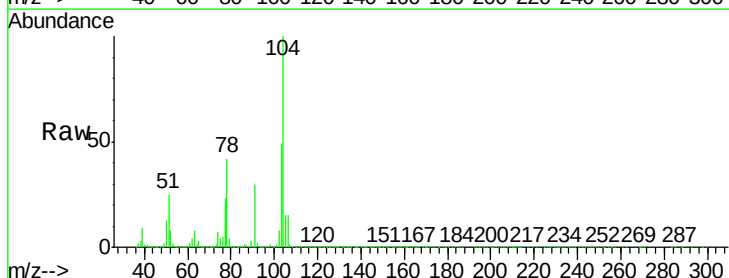
Manual Integrations
APPROVED

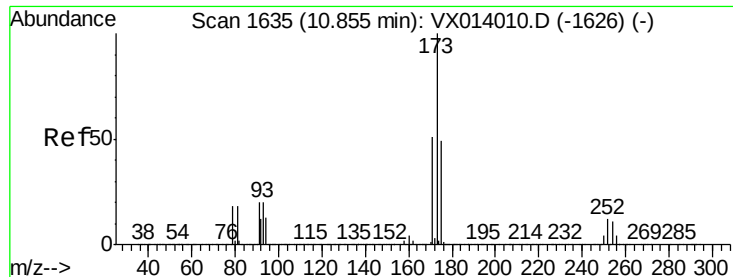
apatel
12/20/2019 10:23:36 AM



#70
Styrene
Concen: 17.903 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	55.3	42.9	64.3





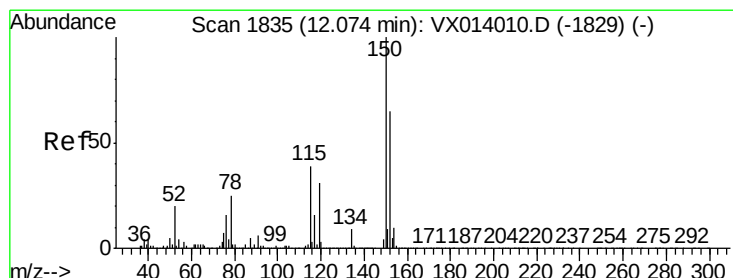
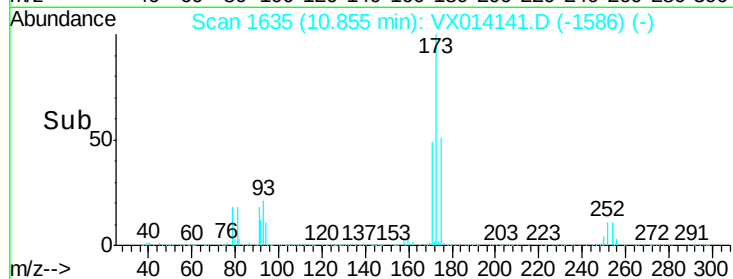
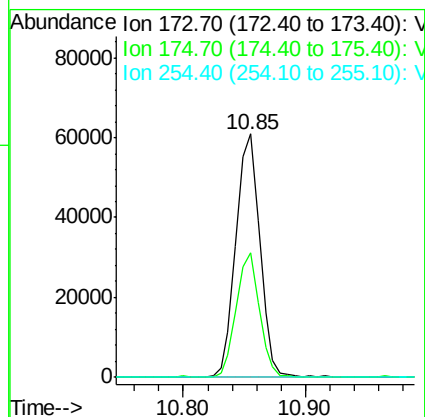
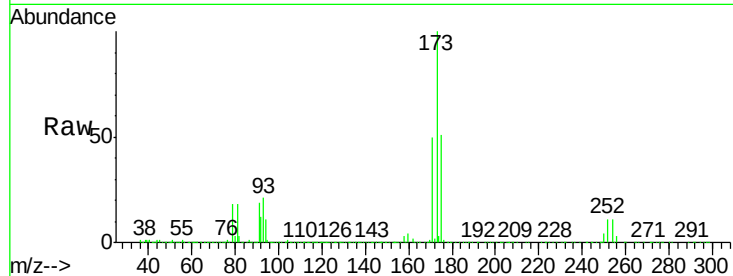
#71
Bromoform
Concen: 18.065 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.4
254	0.3	0.2	0.2

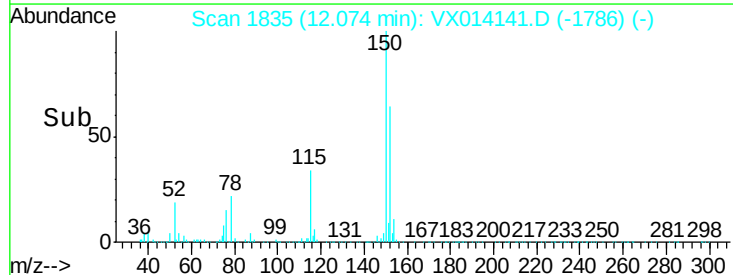
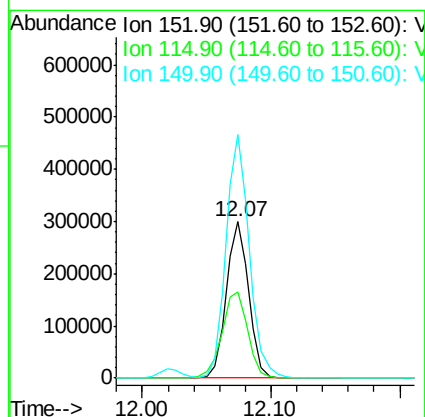
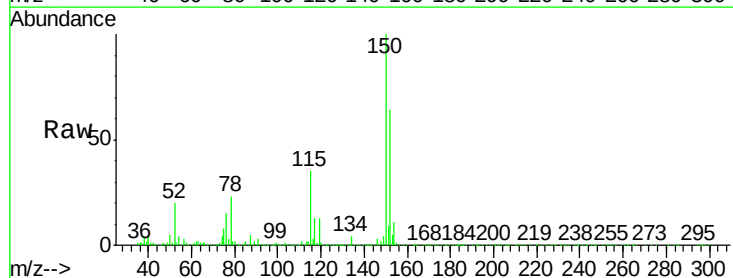
Manual Integrations
APPROVED

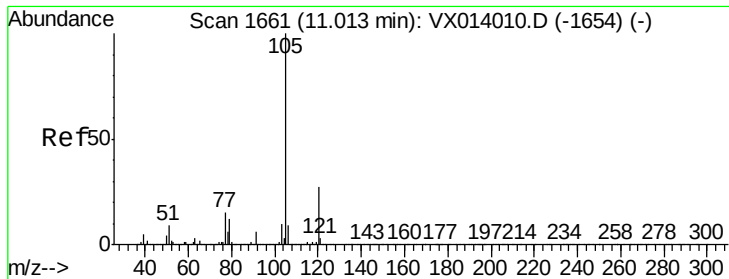
apatel
12/20/2019 10:23:36 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	38.3	114.9
150	163.0	0.0	345.4





#73

Isopropylbenzene

Concen: 19.229 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 105 Resp: 491960

Ion Ratio Lower Upper

105 100

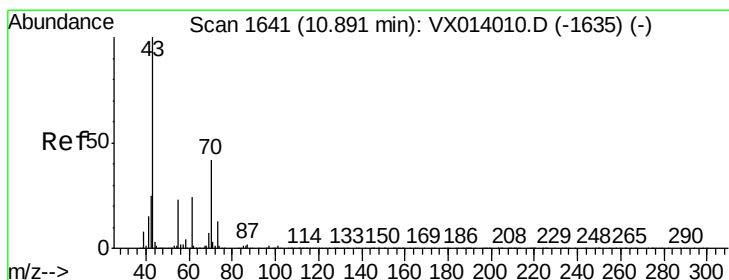
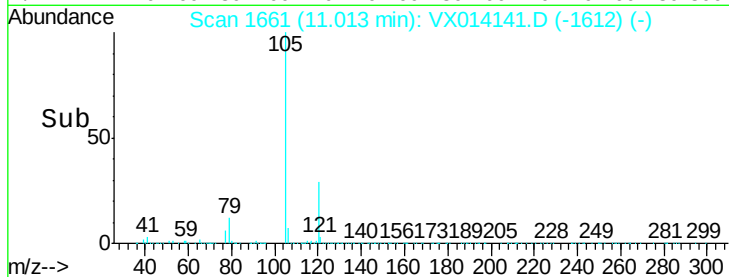
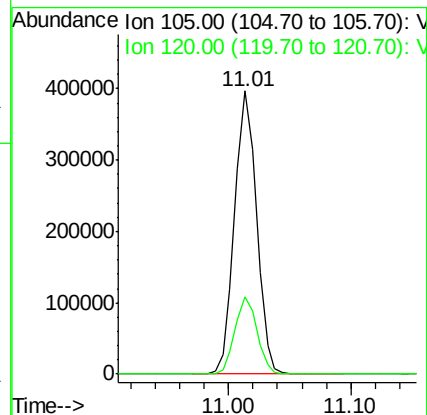
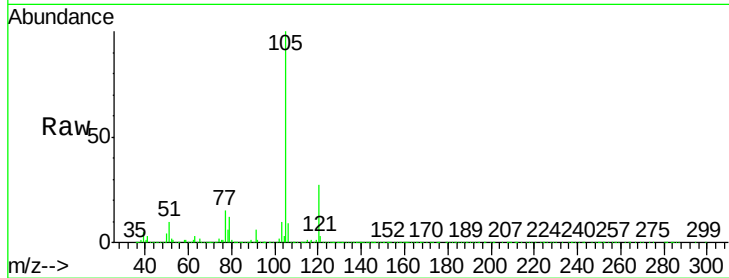
120 27.1 13.5 40.4

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#74

N-ethyl acetate

Concen: 18.517 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion: 43 Resp: 222060

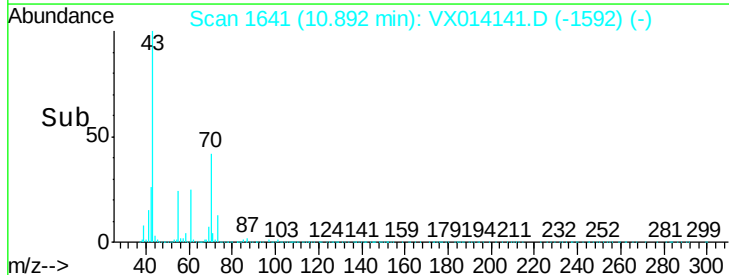
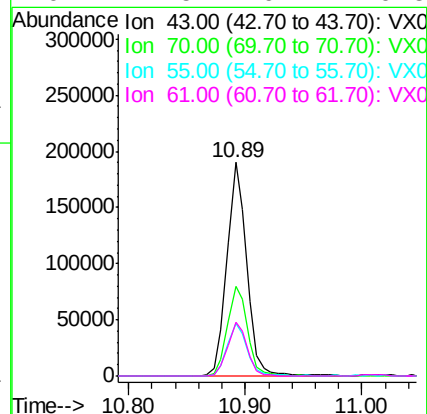
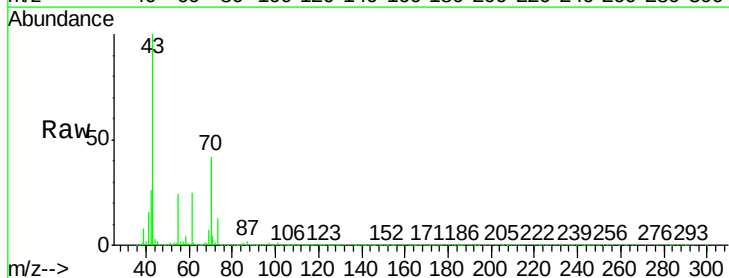
Ion Ratio Lower Upper

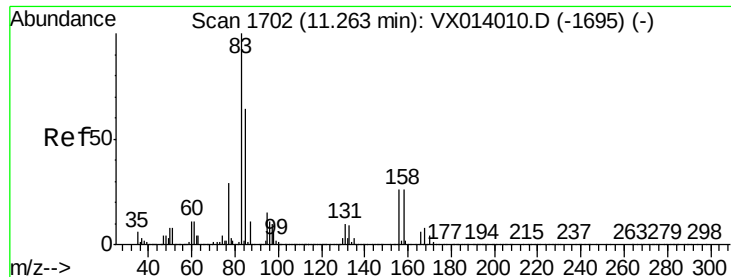
43 100

70 42.6 34.4 51.6

55 25.3 19.1 28.7

61 24.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.970 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

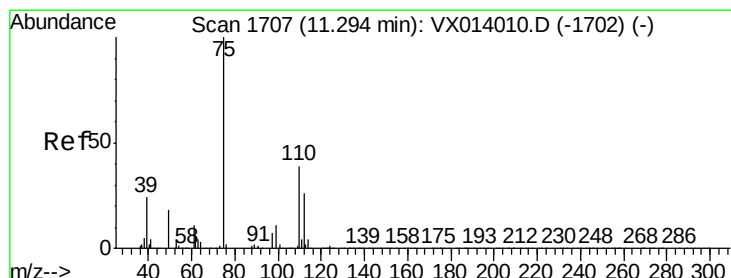
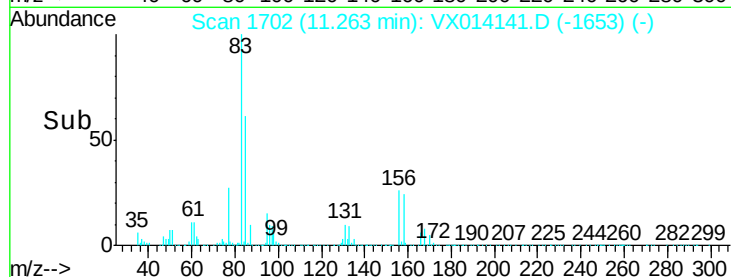
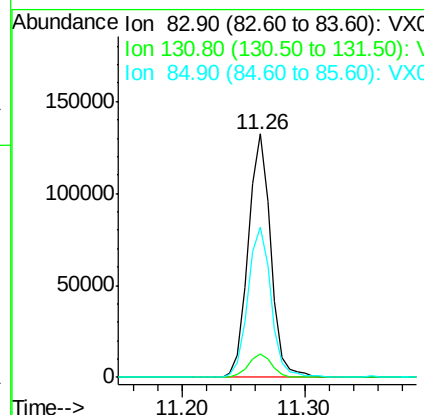
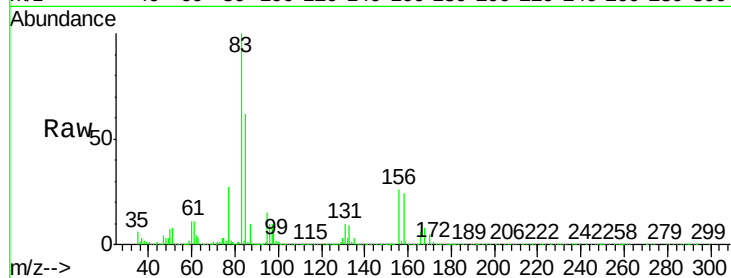
ClientSampleId :

VX1219WBS03

Tot Ion:	83	Resp:	168260
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.9	31.9	95.7

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#76

1,2,3-Trichloropropane

Concen: 20.286 ug/l m

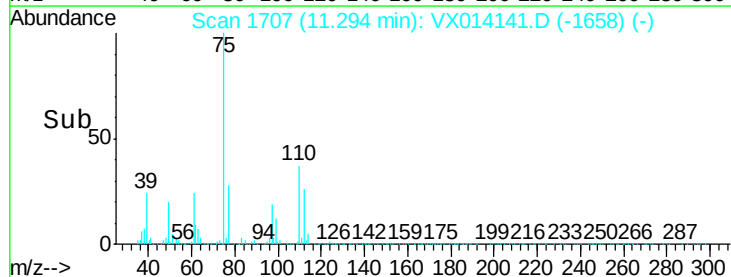
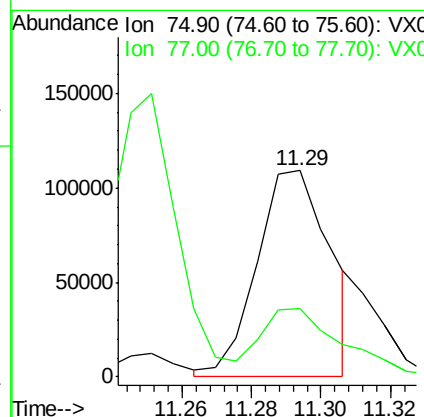
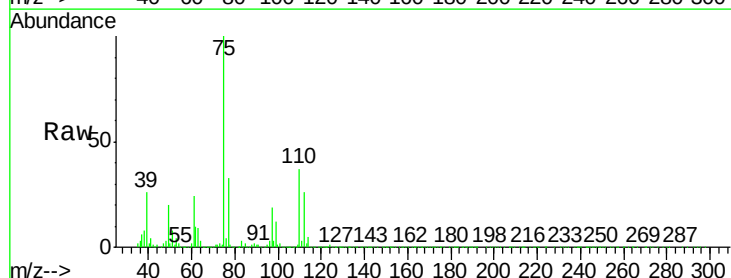
RT: 11.29 min Scan# 1707

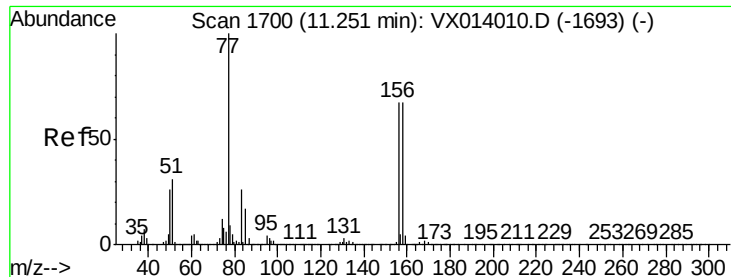
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	75	Resp:	160027
Ion Ratio	Lower	Upper	
75	100		
77	36.2	19.3	57.8





#77

Bromobenzene

Concen: 18.470 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

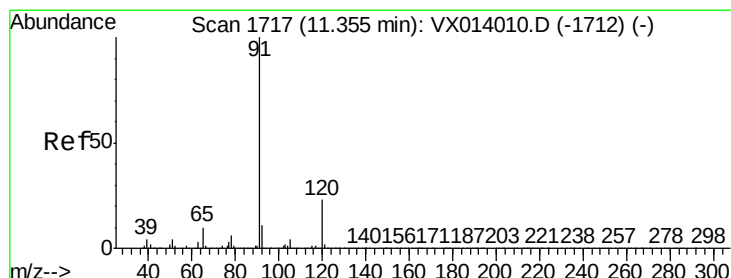
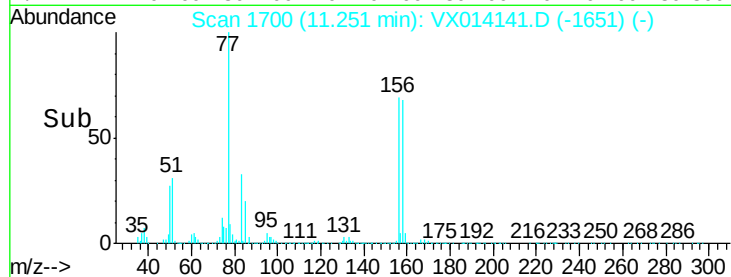
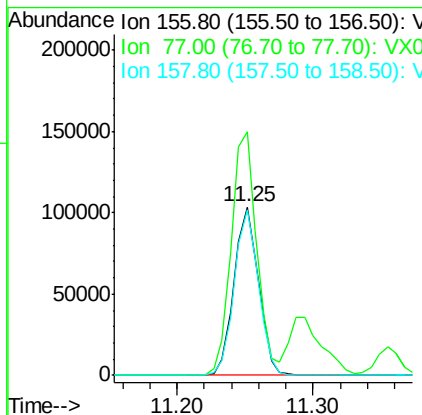
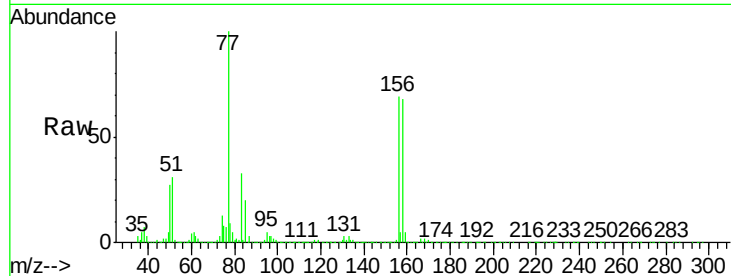
ClientSampleId :

VX1219WBS03

Tot Ion:	156	Resp:	130009
Ion Ratio	Lower	Upper	
156	100		
77	150.4	76.5	229.5
158	97.8	49.3	147.9

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#78

n-propylbenzene

Concen: 18.901 ug/l

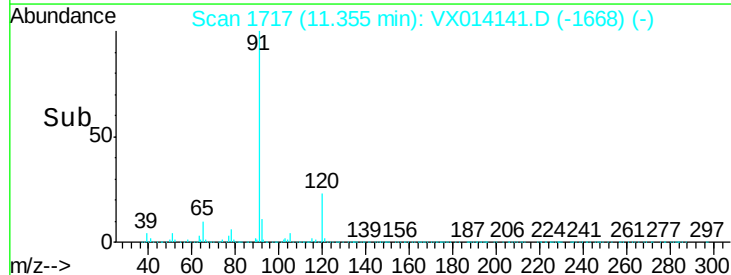
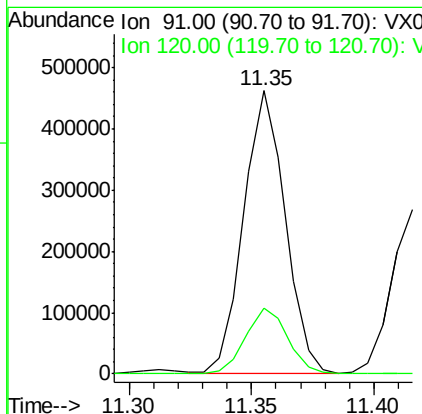
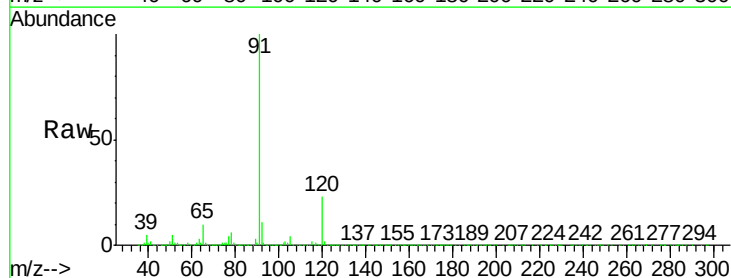
RT: 11.35 min Scan# 1717

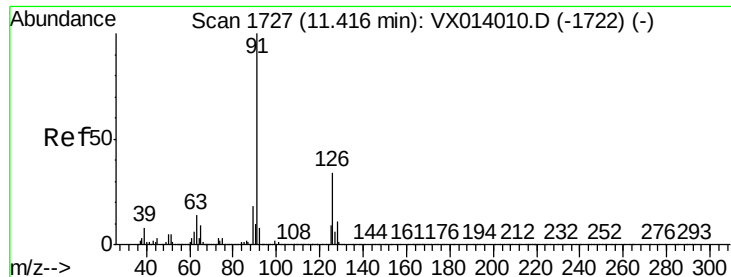
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion:	91	Resp:	542383
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.985 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion: 91 Resp: 331168

Ion Ratio Lower Upper

91 100

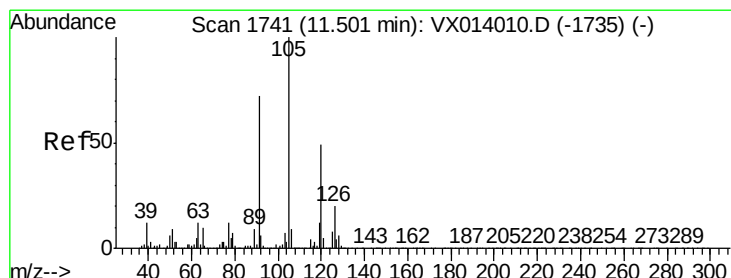
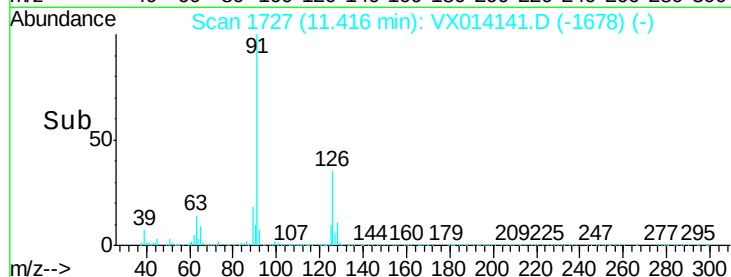
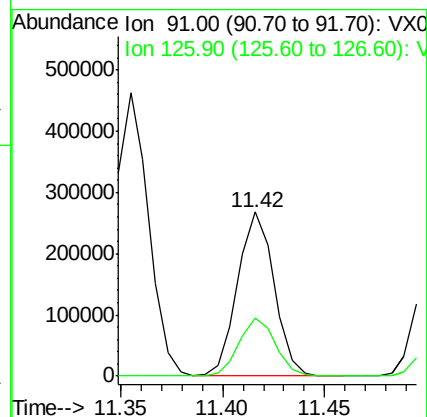
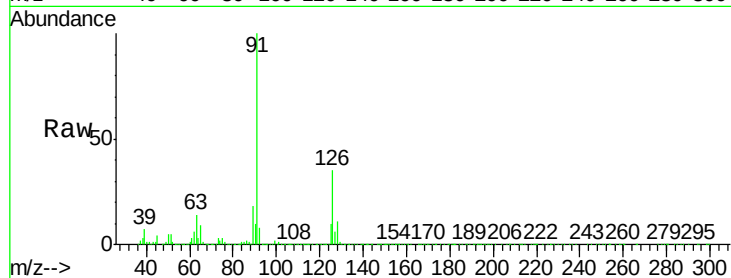
126 35.1 17.2 51.6

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#80

1,3,5-Trimethylbenzene

Concen: 18.835 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014141.D

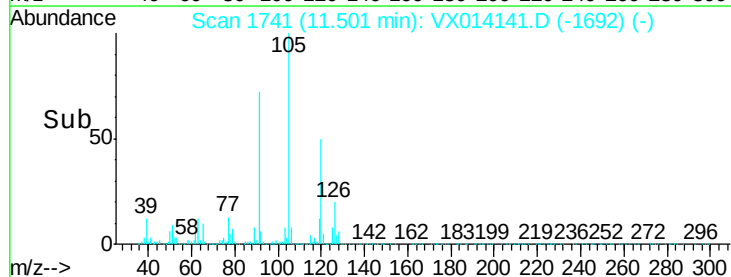
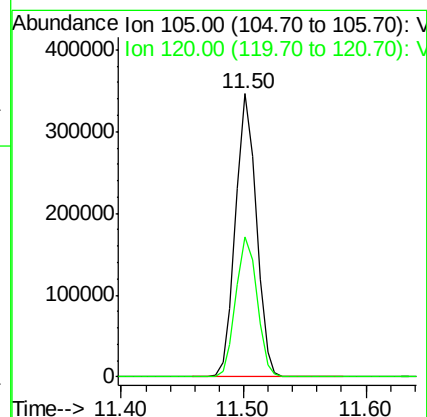
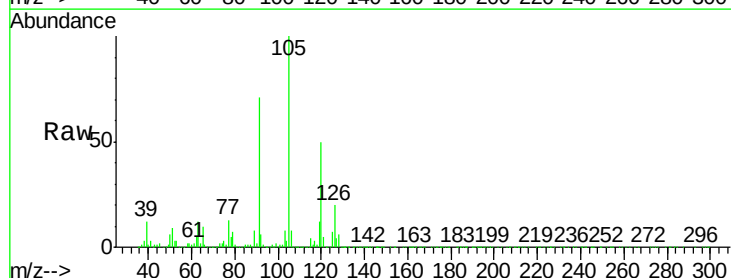
Acq: 20 Dec 2019 00:23

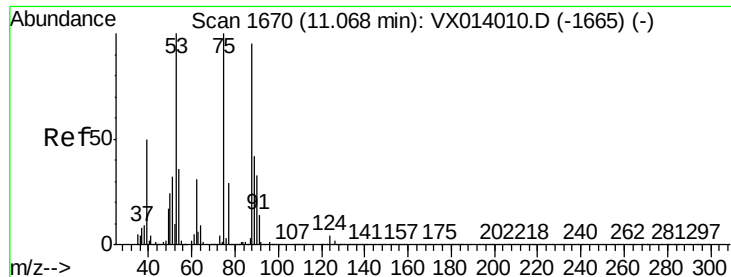
Tgt Ion: 105 Resp: 405554

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8





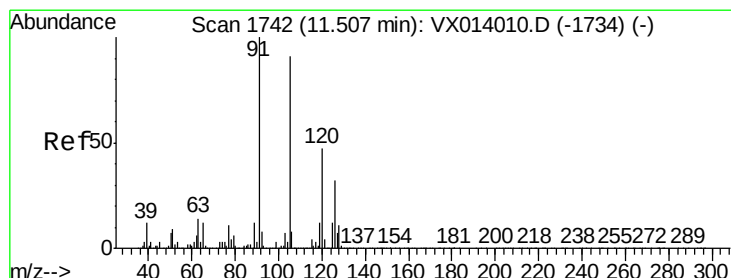
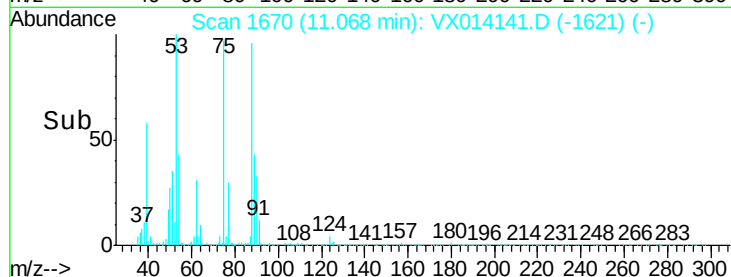
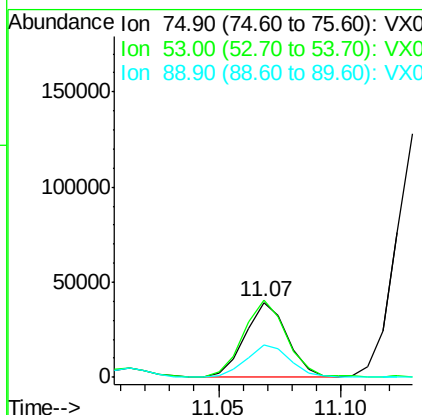
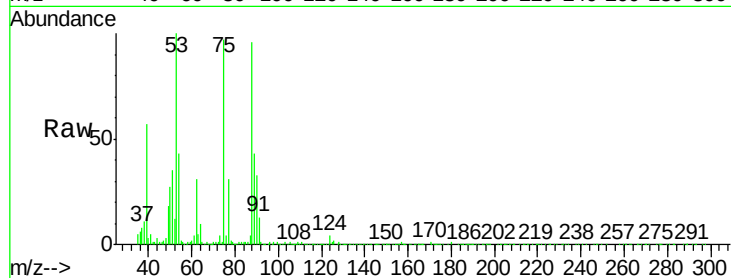
#81
trans-1,4-Dichloro-2-butene
Concen: 16.811 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	76.7	115.1
89	45.7	34.6	51.8

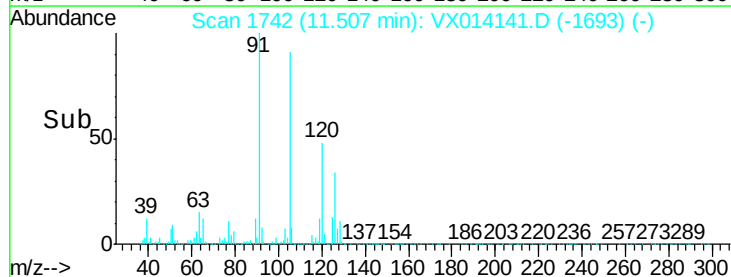
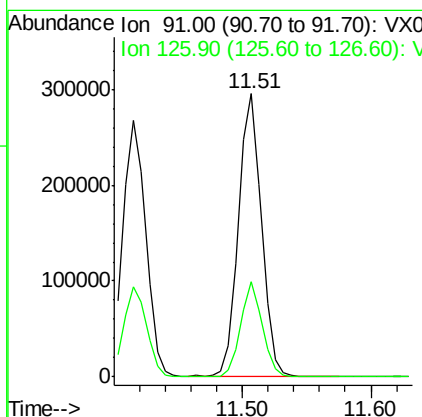
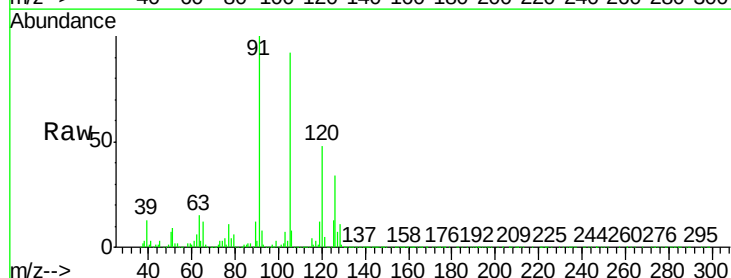
Manual Integrations
APPROVED

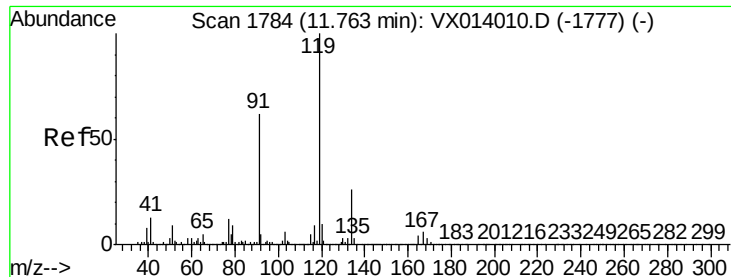
apatel
12/20/2019 10:23:36 AM



#82
4-Chlorotoluene
Concen: 18.107 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





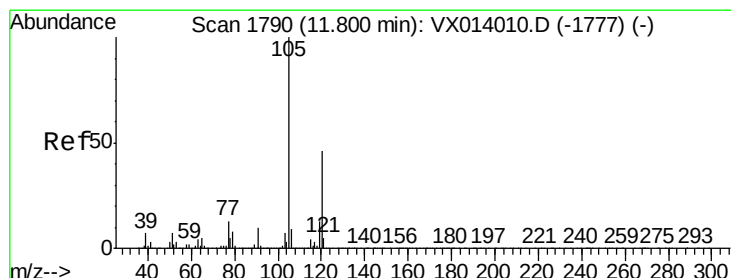
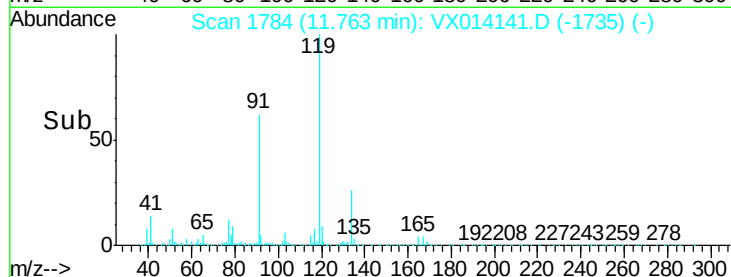
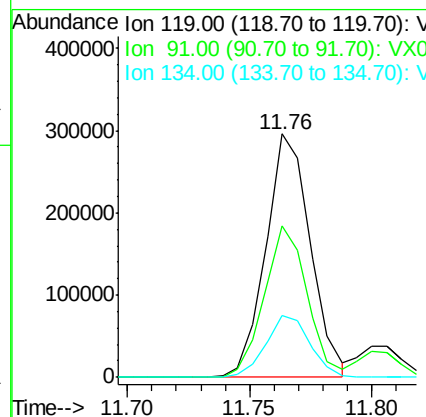
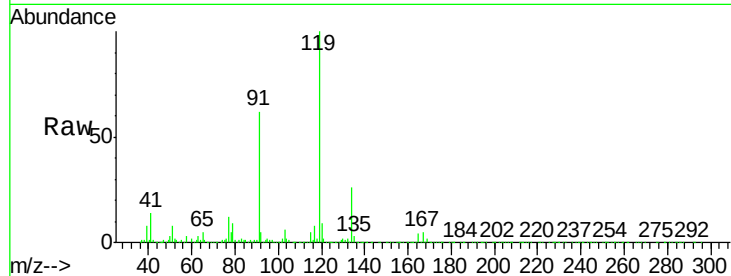
#83
 tert-Butylbenzene
 Concen: 17.866 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	374355		
91	59.7	28.5	85.6	
134	25.3	12.2	36.6	

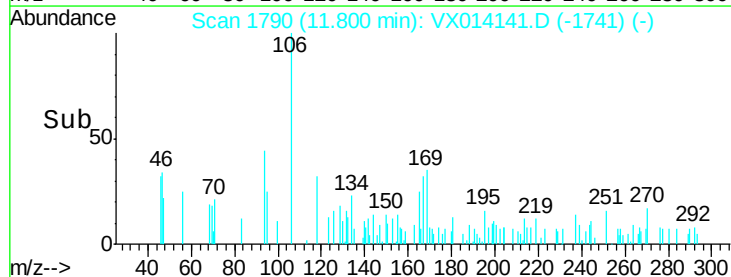
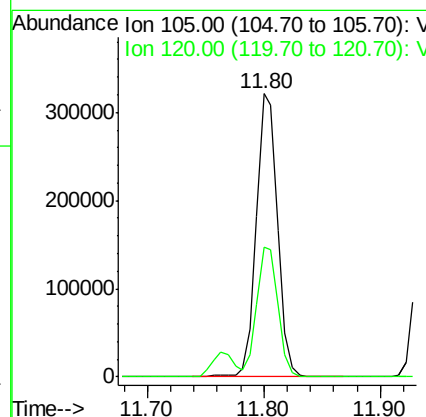
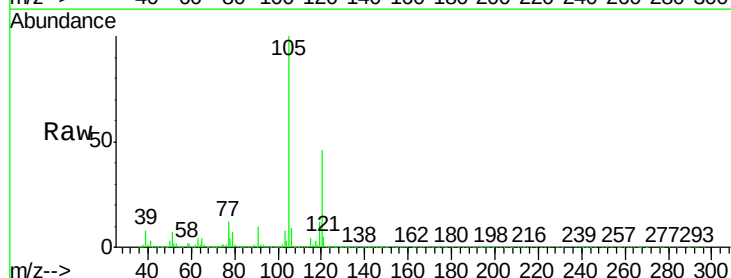
Manual Integrations
 APPROVED

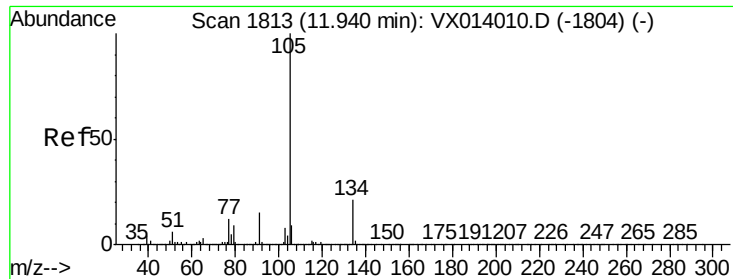
apatel
 12/20/2019 10:23:36 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.905 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	407641		
120	46.0	23.1	69.2	





#85

sec-Butylbenzene

Concen: 18.764 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBS03

Tot Ion:105 Resp: 464152

Ion Ratio Lower Upper

105 100

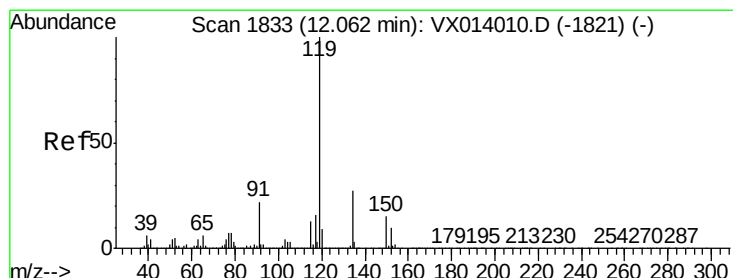
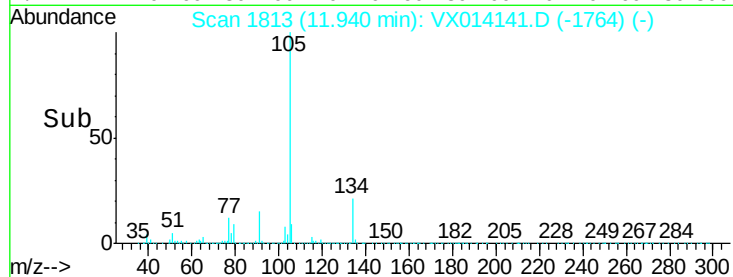
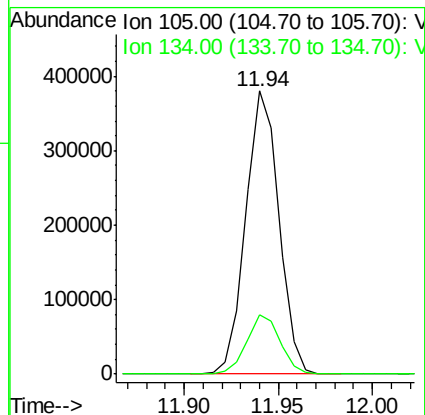
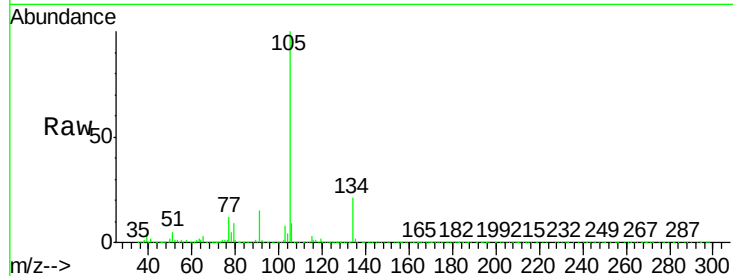
134 21.1 10.4 31.1

Manual Integrations

APPROVED

apatel

12/20/2019 10:23:36 AM



#86

p-Isopropyltoluene

Concen: 18.685 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

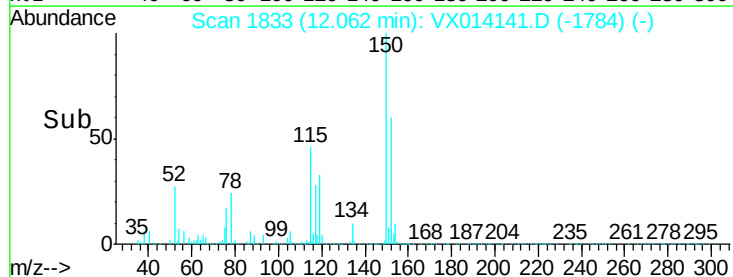
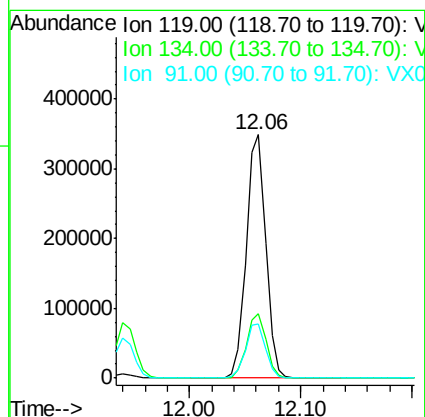
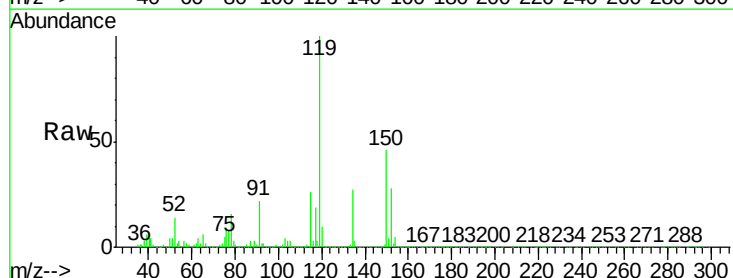
Tgt Ion:119 Resp: 422777

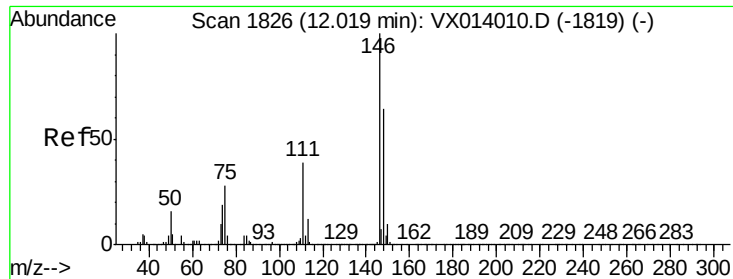
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.042 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014141.D

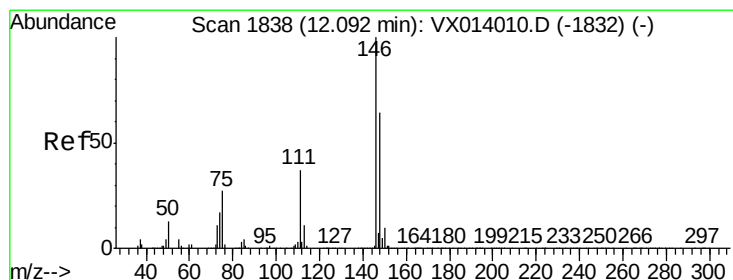
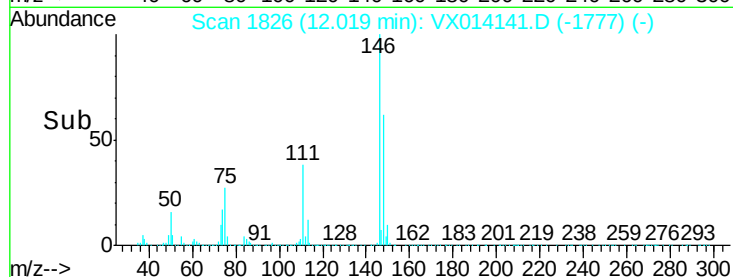
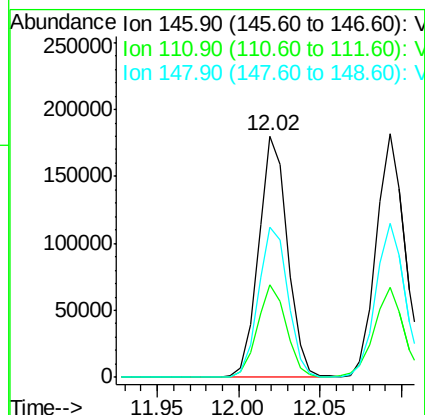
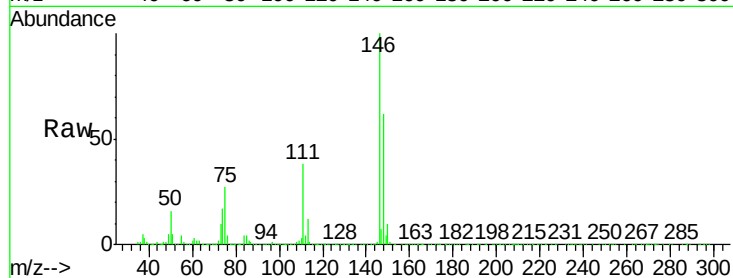
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.9	32.3	96.9

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#88

1,4-Dichlorobenzene

Concen: 17.694 ug/l

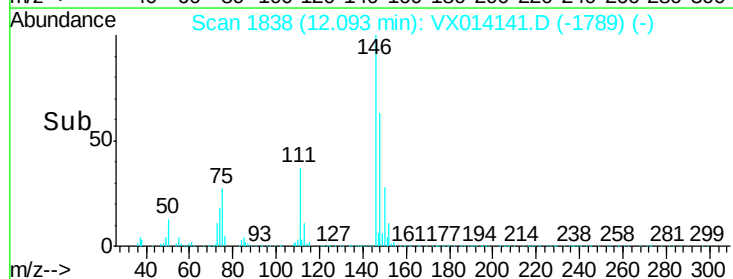
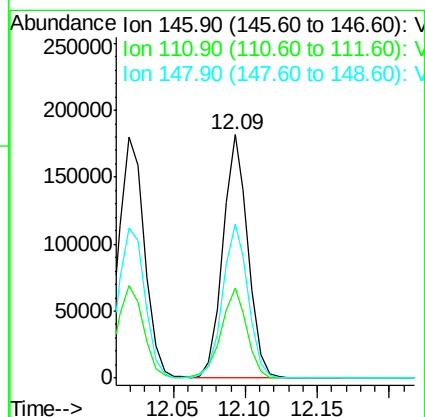
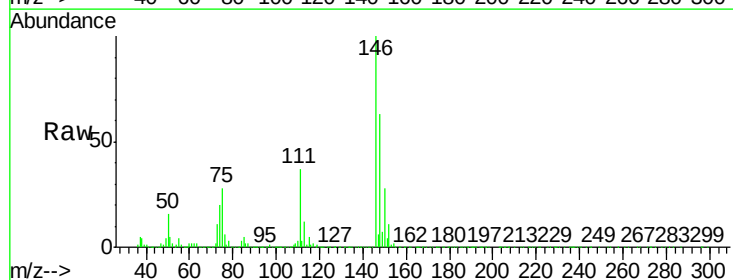
RT: 12.09 min Scan# 1838

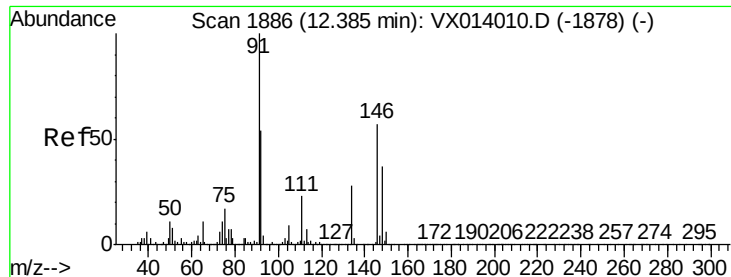
Delta R.T. 0.00 min

Lab File: VX014141.D

Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	63.8	31.9	95.9





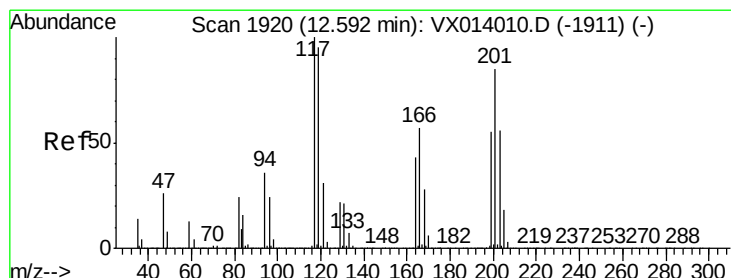
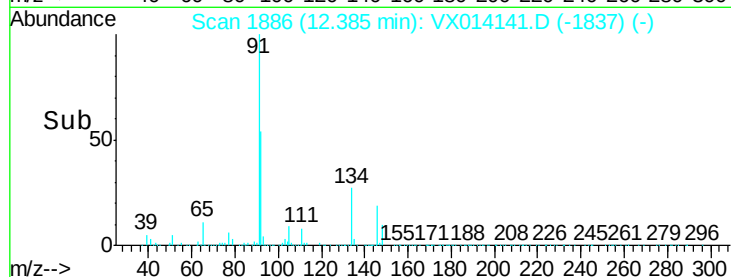
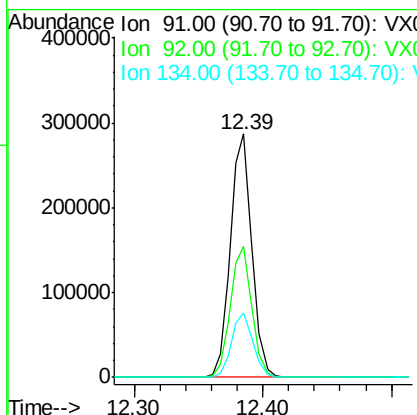
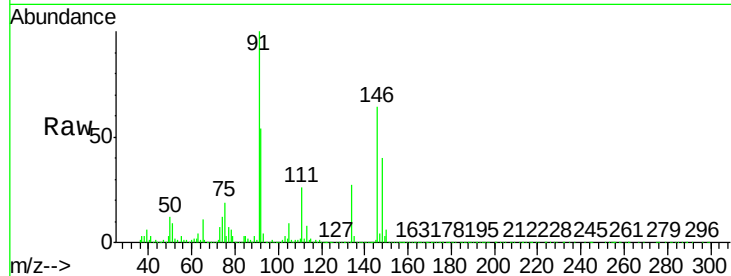
#89
n-Butylbenzene
Concen: 17.412 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		336172		
92	53.6	27.2	81.6		
134	26.6	13.4	40.1		

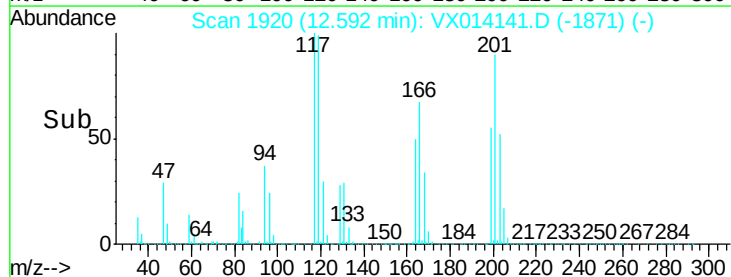
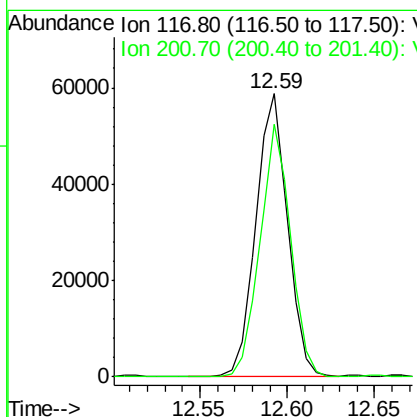
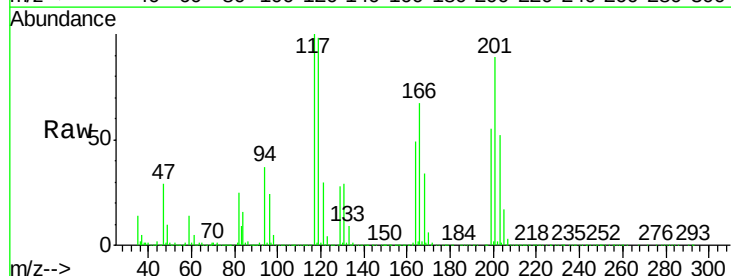
Manual Integrations
APPROVED

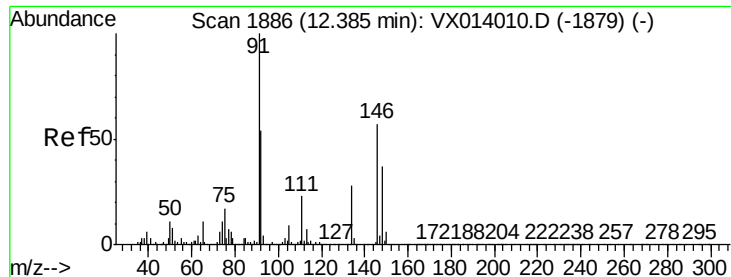
apatel
12/20/2019 10:23:36 AM



#90
Hexachloroethane
Concen: 18.021 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		73241		
201	86.7	43.1	129.3		





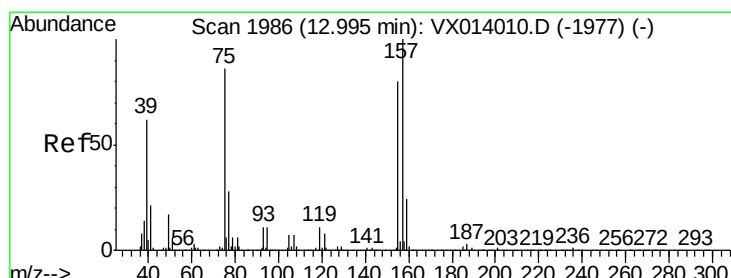
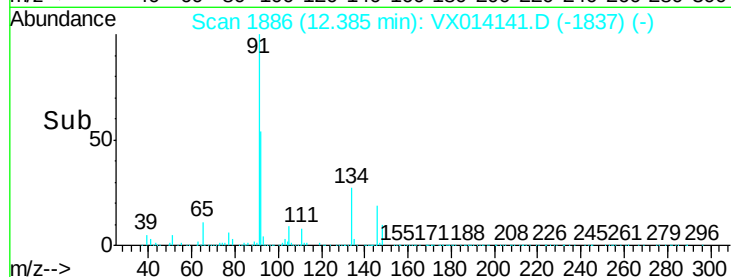
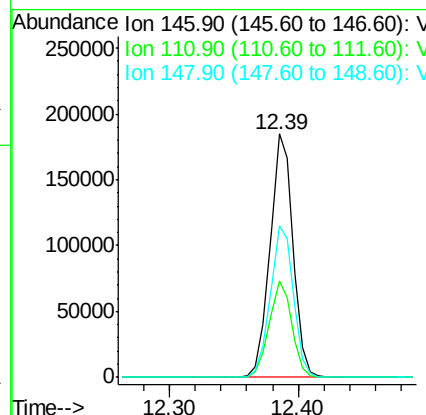
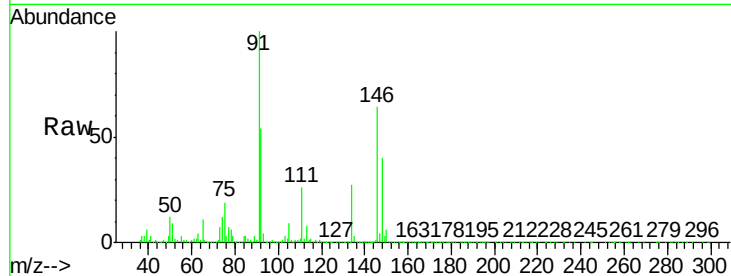
#91
 1,2-Dichlorobenzene
 Concen: 18.424 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.1
148	62.5	32.1	96.5

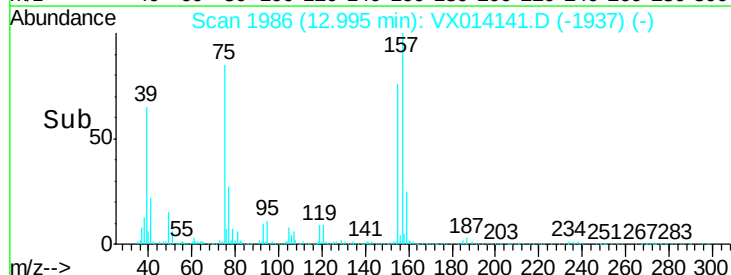
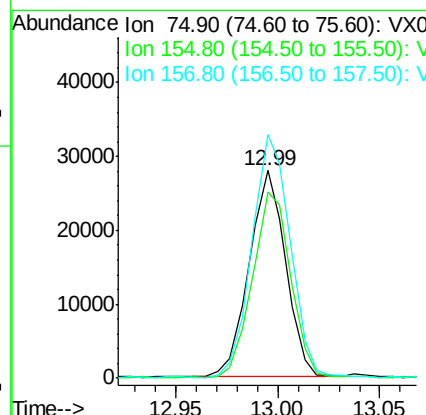
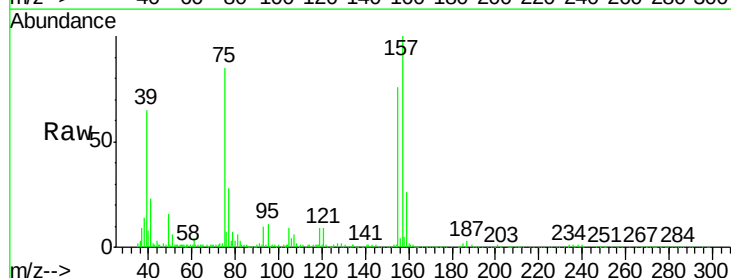
Manual Integrations
 APPROVED

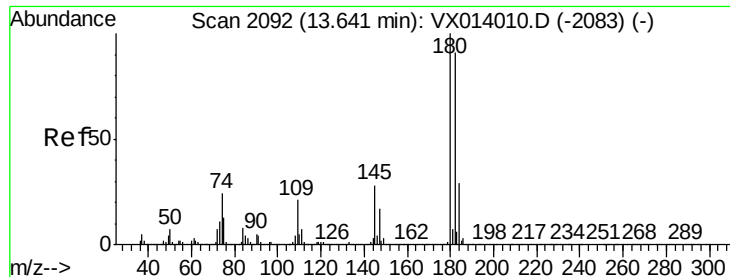
apatel
 12/20/2019 10:23:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.707 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014141.D
 Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	46.9	140.6
157	124.7	60.8	182.4





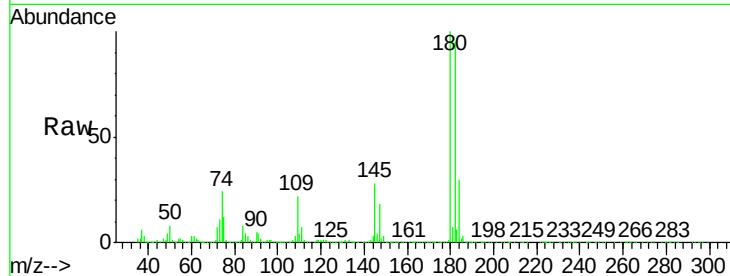
#93
1,2,4-Trichlorobenzene
Concen: 17.571 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

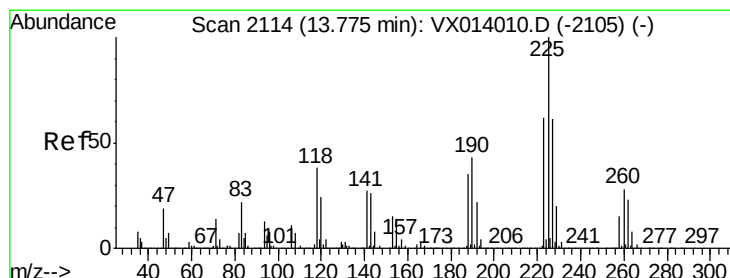
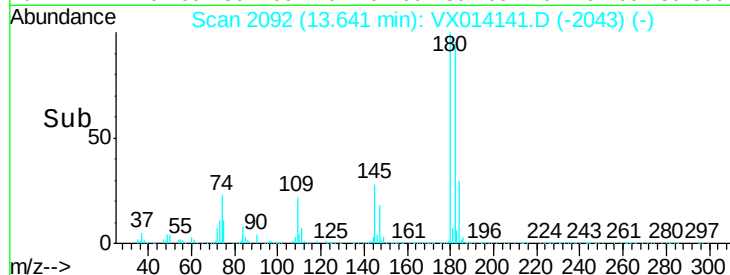
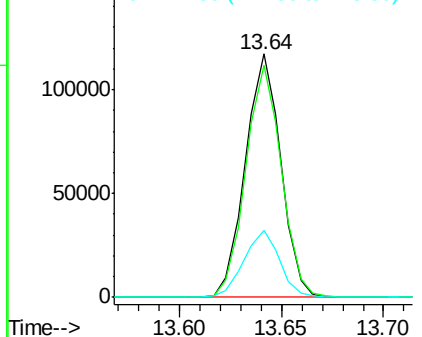
Tot Ion	Ratio	Resp	Lower	Upper
180	100	141828		
182	95.8	46.6	139.8	
145	27.5	14.2	42.6	

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM

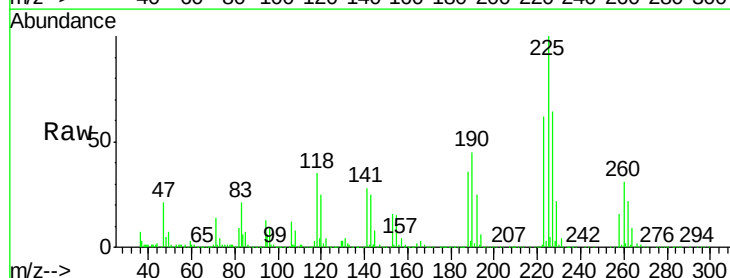


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

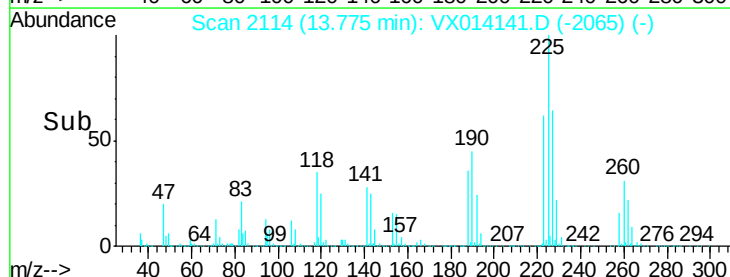
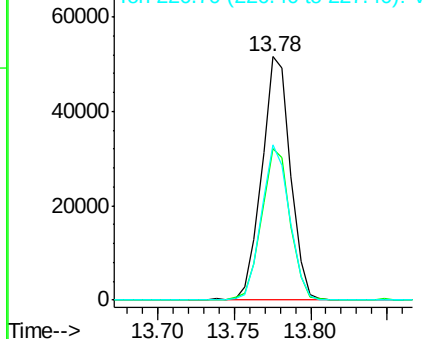


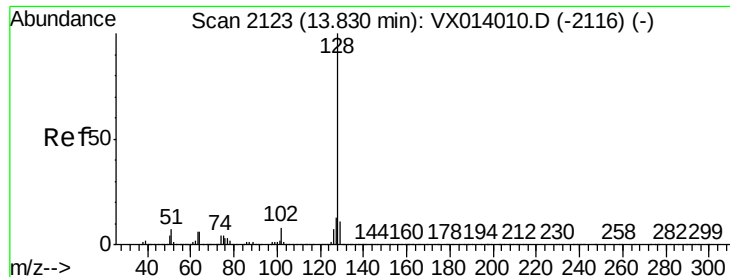
#94
Hexachlorobutadiene
Concen: 17.395 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67479		
223	61.9	30.9	92.5	
227	62.2	30.9	92.7	



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





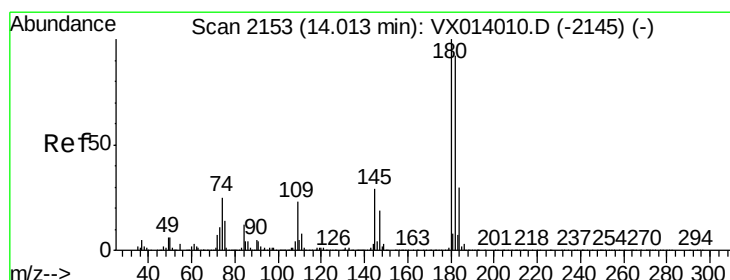
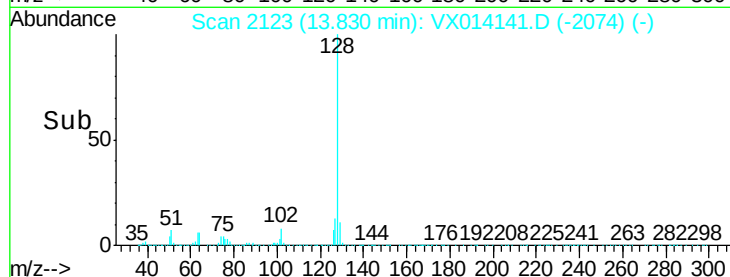
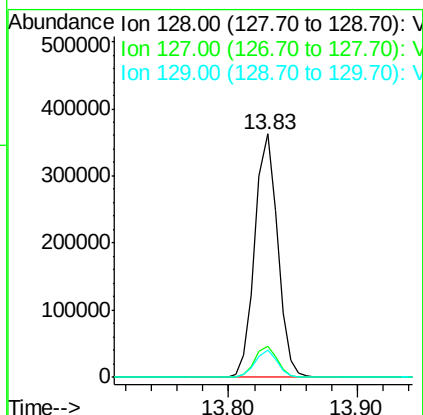
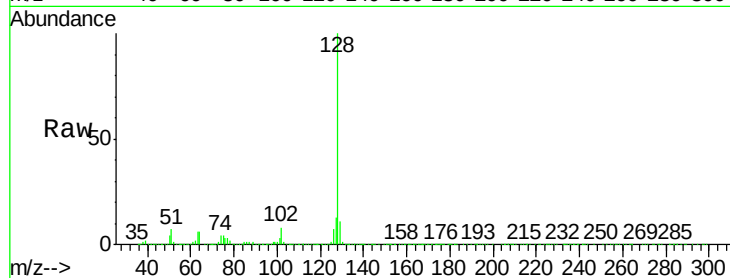
#95
Naphthalene
Concen: 18.569 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBS03

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.068 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014141.D
Acq: 20 Dec 2019 00:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	46.8	140.3
145	31.0	14.8	44.4

