

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013786.D
 Acq On : 06 Dec 2019 09:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:07:48 AM

Quant Time: Dec 07 02:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	636911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	938570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	856373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	336455	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
35) Dibromofluoromethane	5.48	113	284722	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.71	98	1063552	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
62) 4-Bromofluorobenzene	11.13	95	398972	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	323143	45.582	ug/l	98
3) Chloromethane	1.32	50	342221	43.022	ug/l	100
4) Vinyl Chloride	1.40	62	407015	45.461	ug/l	100
5) Bromomethane	1.63	94	253935	42.234	ug/l	98
6) Chloroethane	1.71	64	218763	42.939	ug/l	97
7) Trichlorofluoromethane	1.92	101	445673	44.829	ug/l	100
8) Diethyl Ether	2.18	74	208507	46.359	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279667	46.055	ug/l	98
10) Methyl Iodide	2.50	142	342865	46.676	ug/l	100
11) Tert butyl alcohol	3.03	59	356387	195.296	ug/l	99
12) 1,1-Dichloroethene	2.36	96	271098	44.726	ug/l	99
13) Acrolein	2.28	56	124912	105.898	ug/l	100
14) Allyl chloride	2.72	41	504050	45.824	ug/l	99
15) Acrylonitrile	3.13	53	854295	226.794	ug/l	99
16) Acetone	2.43	43	1035763	283.766	ug/l	99
17) Carbon Disulfide	2.56	76	724520	41.931	ug/l	100
18) Methyl Acetate	2.76	43	494471	48.649	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	971752	48.395	ug/l	99
20) Methylene Chloride	2.84	84	317374	45.259	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	295039	44.682	ug/l	98
22) Diisopropyl ether	3.84	45	1016229	47.980	ug/l	96
23) Vinyl Acetate	3.80	43	4238853	240.572	ug/l	100
24) 1,1-Dichloroethane	3.69	63	545431	47.107	ug/l	98
25) 2-Butanone	4.65	43	1352025	249.235	ug/l	99
26) 2,2-Dichloropropane	4.57	77	446520	46.611	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	345333	45.540	ug/l	99
28) Bromochloromethane	5.00	49	222394	48.604	ug/l	99
29) Tetrahydrofuran	5.11	42	762512	228.014	ug/l	99
30) Chloroform	5.20	83	533007	45.391	ug/l	98
31) Cyclohexane	5.56	56	483369	44.261	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	450401	45.900	ug/l	99
36) 1,1-Dichloropropene	5.79	75	398898	46.820	ug/l	99
37) Ethyl Acetate	4.81	43	467756	48.939	ug/l	99
38) Carbon Tetrachloride	5.77	117	390539	49.712	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013786.D
 Acq On : 06 Dec 2019 09:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:07:48 AM

Quant Time: Dec 07 02:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	502032	47.670	ug/l	99
40) Benzene	6.13	78	1233829	47.549	ug/l	99
41) Methacrylonitrile	5.02	41	262909	50.156	ug/l	99
42) 1,2-Dichloroethane	6.18	62	439476	49.661	ug/l	99
43) Isopropyl Acetate	6.43	43	763448	48.518	ug/l	100
44) Trichloroethene	7.20	130	334071	46.910	ug/l	95
45) 1,2-Dichloropropane	7.50	63	325783	50.180	ug/l	98
46) Dibromomethane	7.65	93	212087	48.099	ug/l	97
47) Bromodichloromethane	7.89	83	429749	51.555	ug/l	97
48) Methyl methacrylate	7.76	41	389131	50.897	ug/l	100
49) 1,4-Dioxane	7.73	88	139500	815.144	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2406049	243.085	ug/l	100
52) Toluene	8.78	92	782177	48.521	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	485762	51.197	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	533066	51.424	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	329711	50.754	ug/l	99
56) Ethyl methacrylate	9.17	69	531945	50.932	ug/l	99
57) 1,3-Dichloropropane	9.36	76	545762	48.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	979149	239.113	ug/l	100
59) 2-Hexanone	9.48	43	1918683	248.544	ug/l	100
60) Dibromochloromethane	9.57	129	350564	51.999	ug/l	99
61) 1,2-Dibromoethane	9.67	107	343364	49.489	ug/l	99
64) Tetrachloroethene	9.33	164	301510	47.212	ug/l	97
65) Chlorobenzene	10.13	112	863549	48.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	321864	50.412	ug/l	99
67) Ethyl Benzene	10.25	91	1494543	48.916	ug/l	98
68) m/p-Xylenes	10.36	106	1149126	98.238	ug/l	99
69) o-Xylene	10.70	106	558827	48.984	ug/l	98
70) Styrene	10.71	104	968826	50.484	ug/l	100
71) Bromoform	10.85	173	279368	52.883	ug/l #	99
73) Isopropylbenzene	11.01	105	1483794	47.753	ug/l	100
74) N-amyl acetate	10.89	43	697226	48.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	518943	48.159	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	420895m	42.246	ug/l	
77) Bromobenzene	11.25	156	393387	46.864	ug/l	99
78) n-propylbenzene	11.35	91	1689375	48.704	ug/l	100
79) 2-Chlorotoluene	11.42	91	994788	47.810	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1249109	49.049	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	175997	48.328	ug/l	98
82) 4-Chlorotoluene	11.51	91	1156040	47.970	ug/l	100
83) tert-Butylbenzene	11.76	119	1267453	48.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1254631	48.543	ug/l	100
85) sec-Butylbenzene	11.94	105	1459116	49.357	ug/l	100
86) p-Isopropyltoluene	12.06	119	1351430	49.140	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	696599	47.606	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	704729	47.284	ug/l	99
89) n-Butylbenzene	12.39	91	1177740	50.210	ug/l	100
90) Hexachloroethane	12.59	117	245045	49.295	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	701903	48.549	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	111080	47.337	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013786.D
Acq On : 06 Dec 2019 09:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

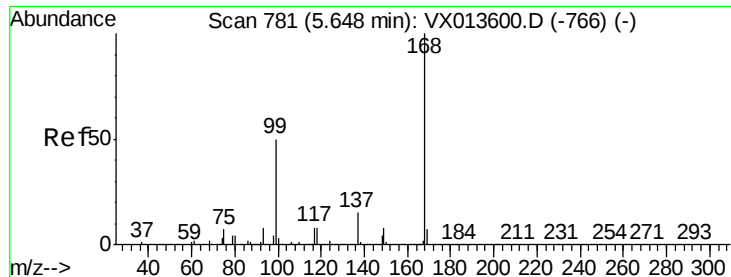
Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM

Quant Time: Dec 07 02:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	492752	48.904	ug/l	98
94) Hexachlorobutadiene	13.78	225	230160	47.551	ug/l	99
95) Naphthalene	13.83	128	1504692	50.146	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	493783	49.495	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 636911

Ion Ratio Lower Upper

168 100

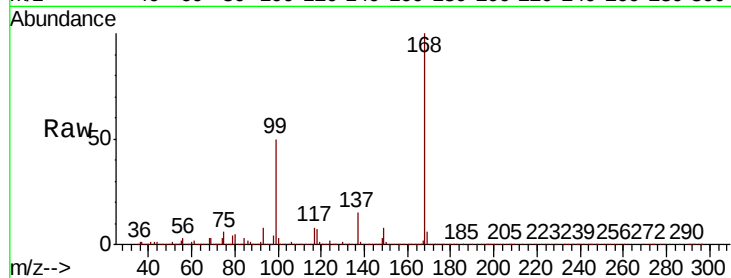
99 49.4 39.8 59.8

Manual Integrations

APPROVED

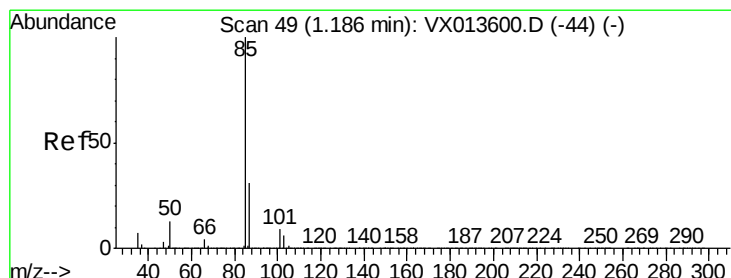
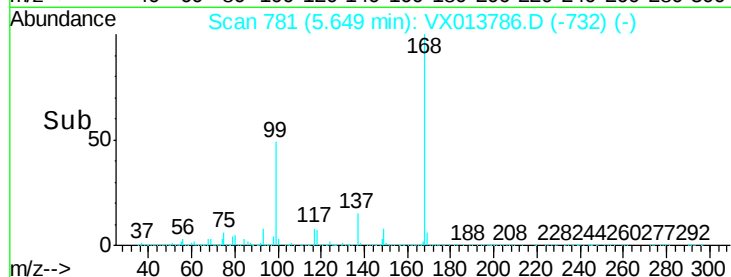
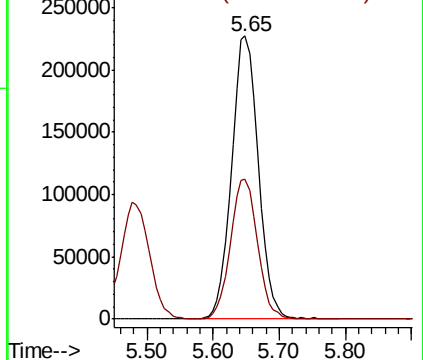
apatel

12/9/2019 9:07:48 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.582 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013786.D

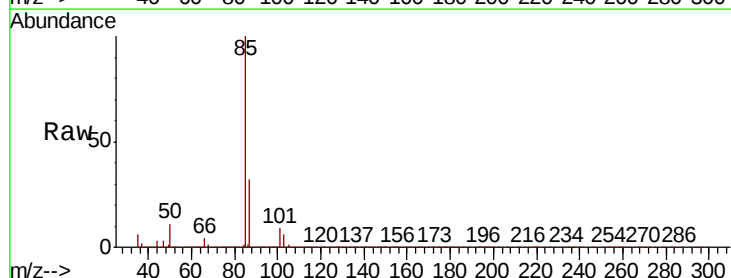
Acq: 06 Dec 2019 09:29

Tgt Ion: 85 Resp: 323143

Ion Ratio Lower Upper

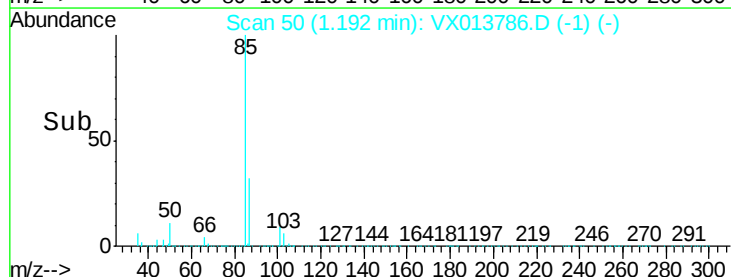
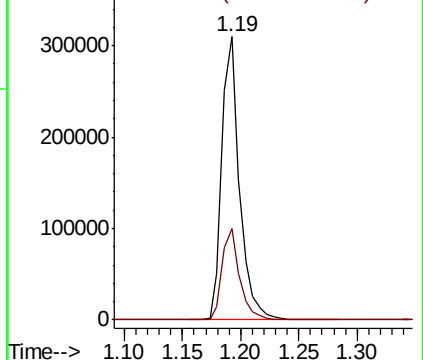
85 100

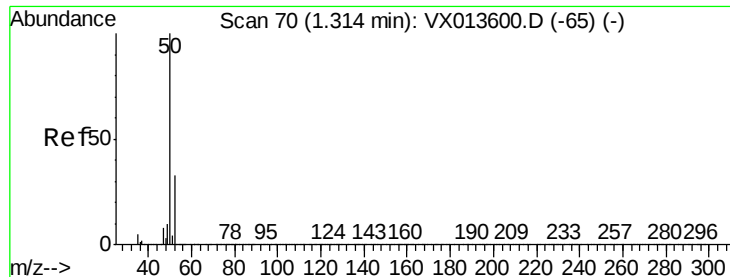
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.022 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 342221

Ion Ratio Lower Upper

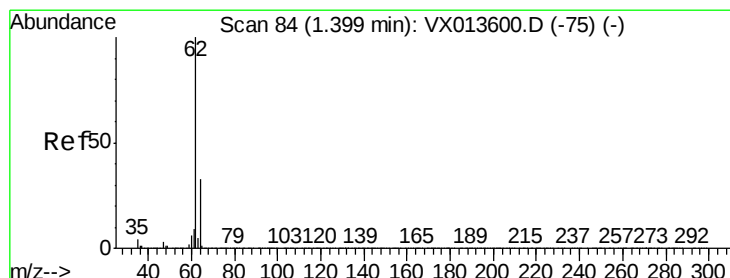
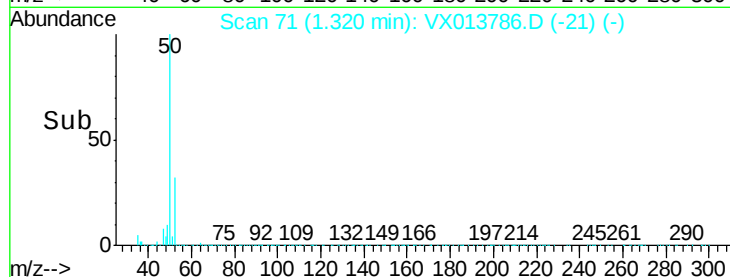
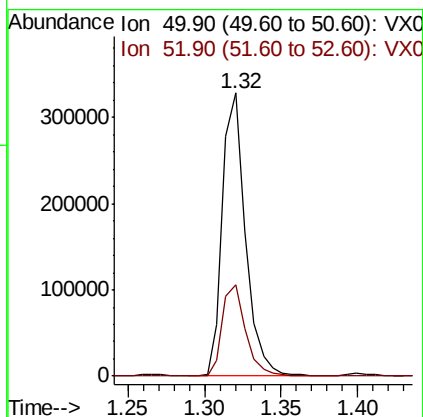
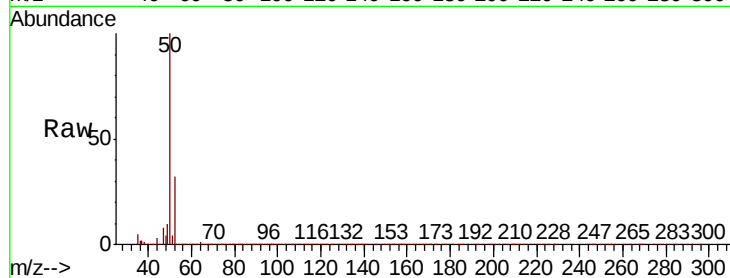
50 100

52 32.3 26.0 39.0

Manual Integrations
APPROVED

apatel

12/9/2019 9:07:48 AM



#4

Vinyl Chloride

Concen: 45.461 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013786.D

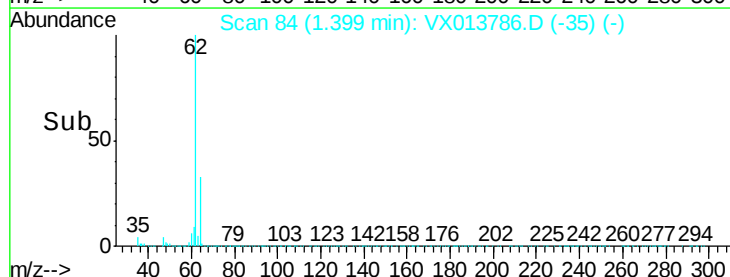
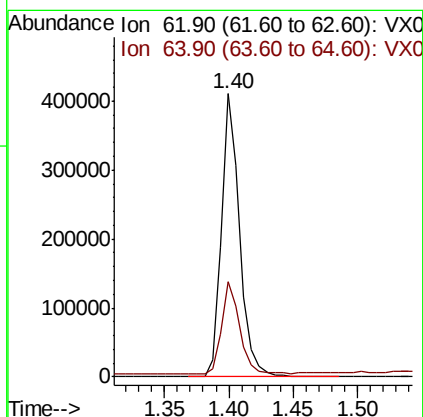
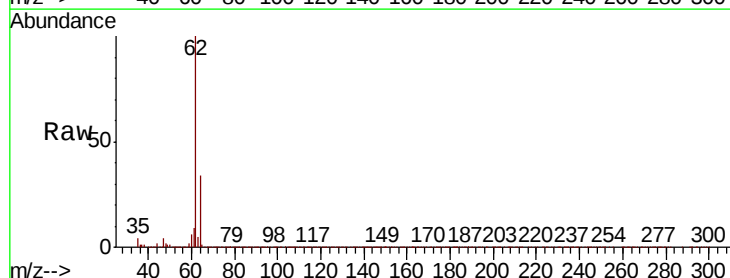
Acq: 06 Dec 2019 09:29

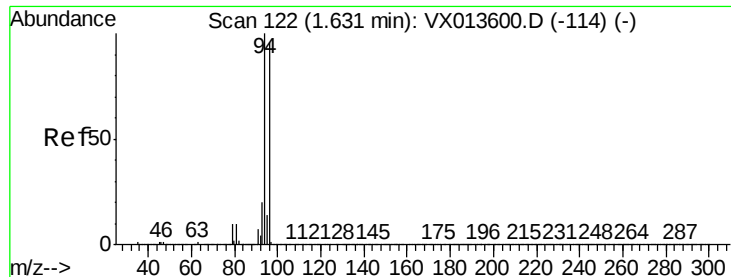
Tgt Ion: 62 Resp: 407015

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0





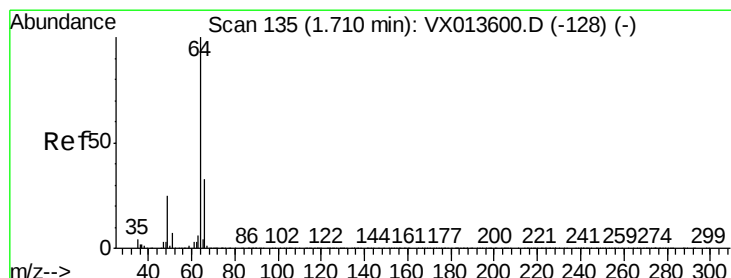
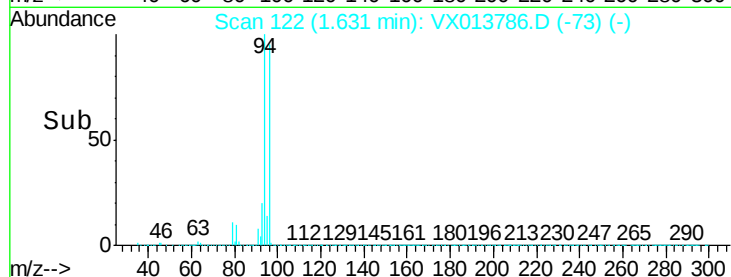
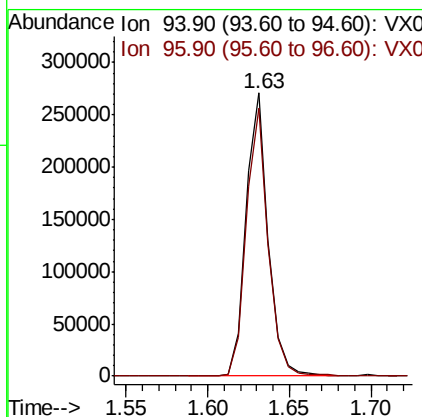
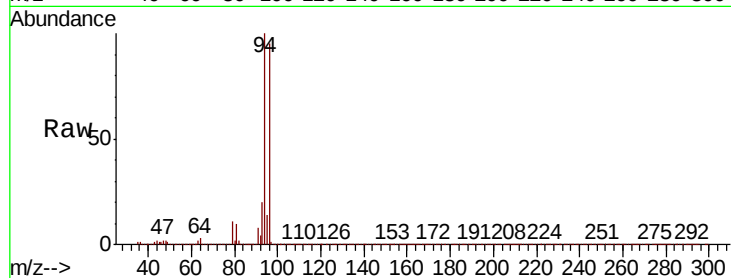
#5
Bromomethane
Concen: 42.234 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
94	100		
96	94.7	77.0	115.4

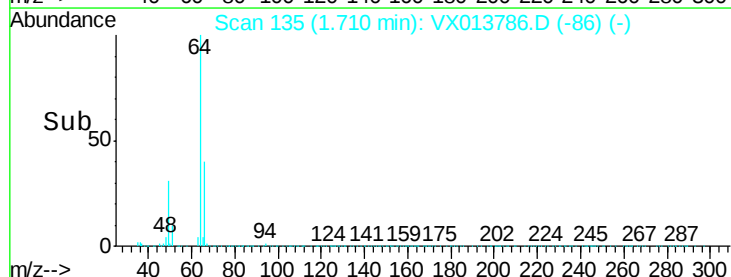
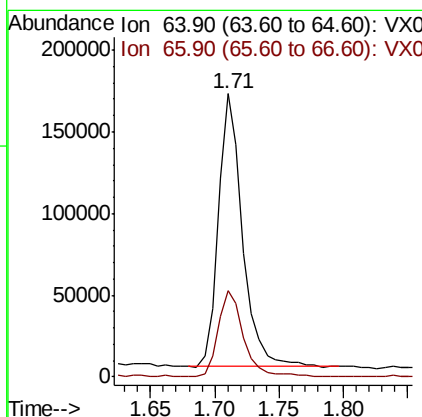
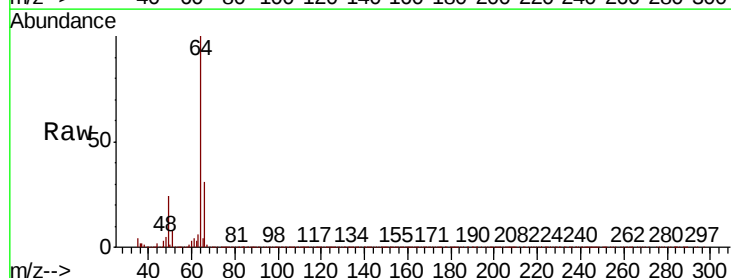
Manual Integrations
APPROVED

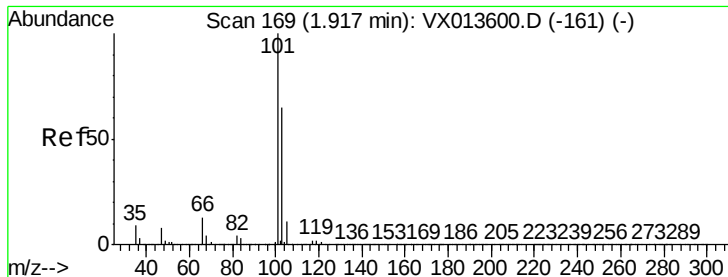
apatel
12/9/2019 9:07:48 AM



#6
Chloroethane
Concen: 42.939 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
64	100		
66	31.5	26.7	40.1





#7

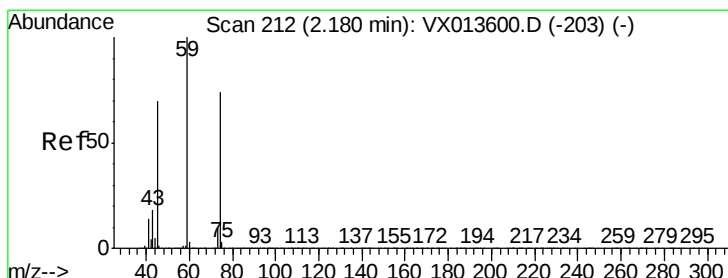
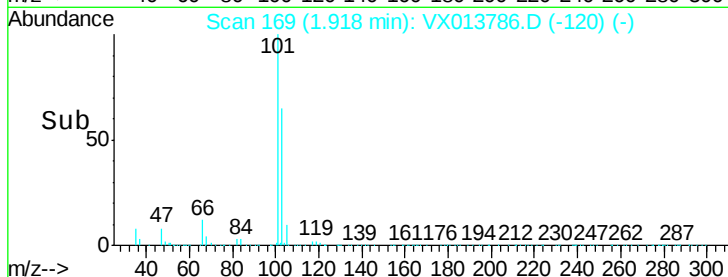
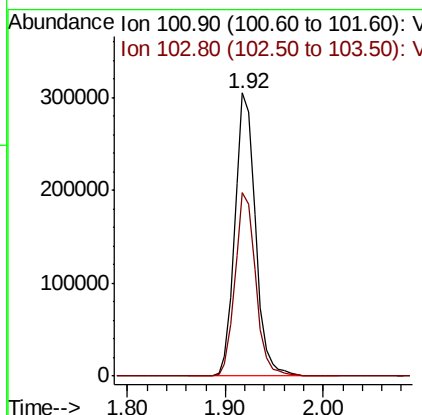
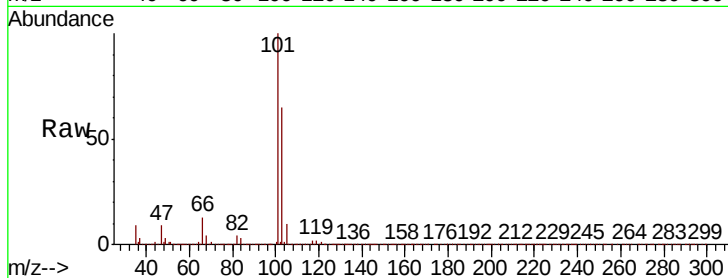
Trichlorofluoromethane
Concen: 44.829 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

Manual Integrations
APPROVED

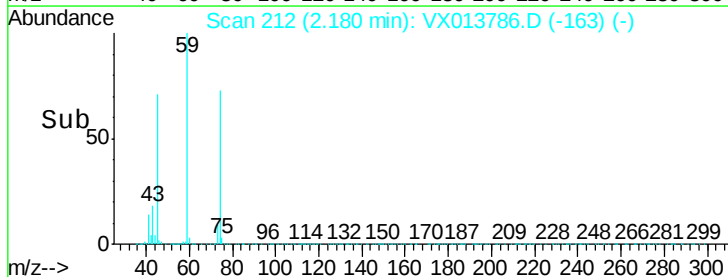
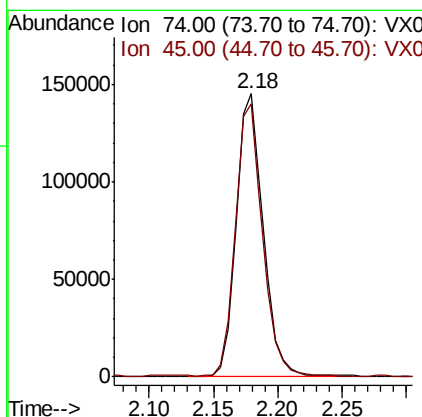
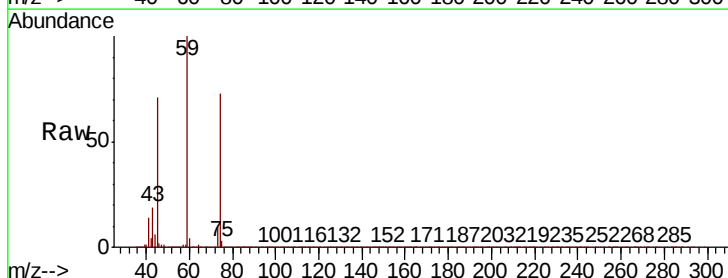
apatel
12/9/2019 9:07:48 AM

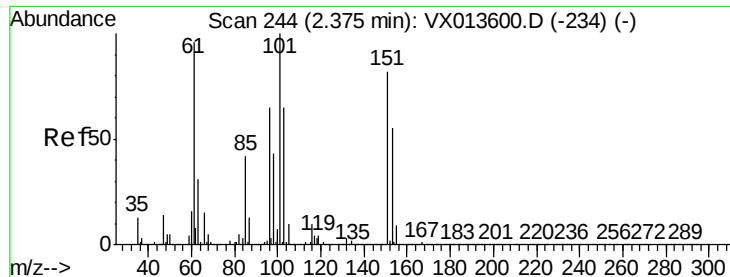


#8

Diethyl Ether
Concen: 46.359 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

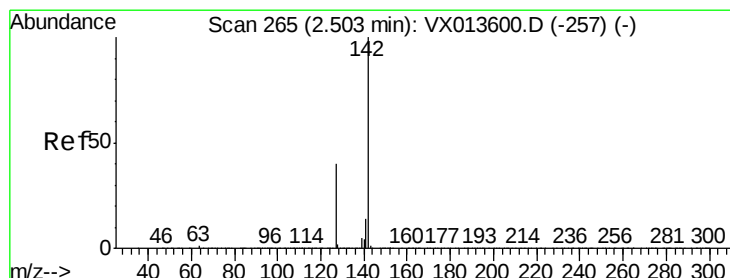
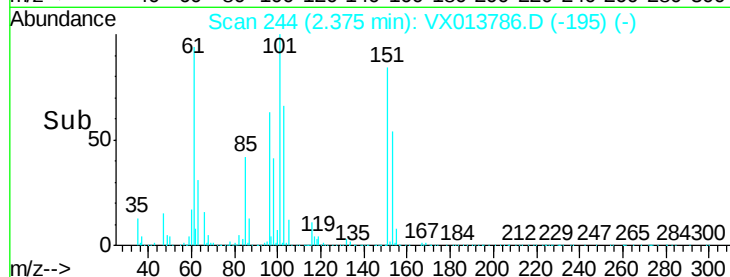
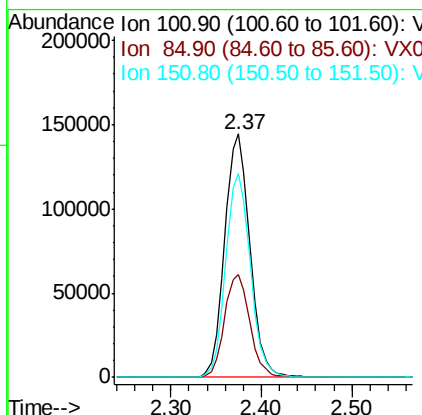
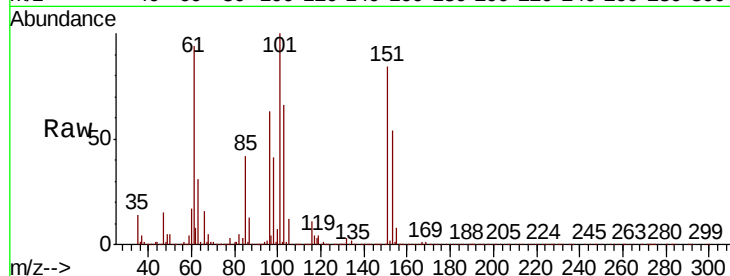
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	279667
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.9	50.9
151	82.1	64.2	96.2

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#10

Methyl Iodide

Concen: 46.676 ug/l

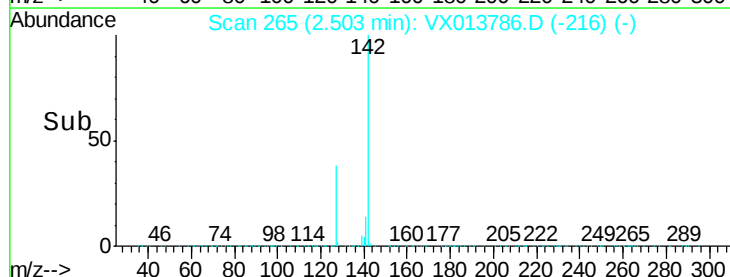
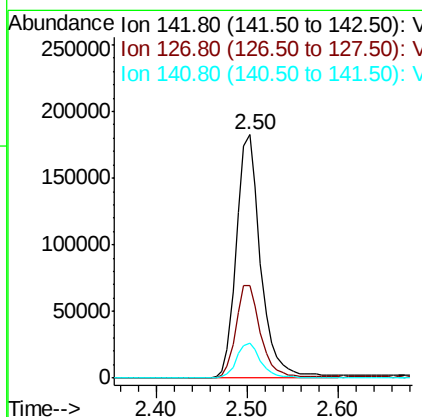
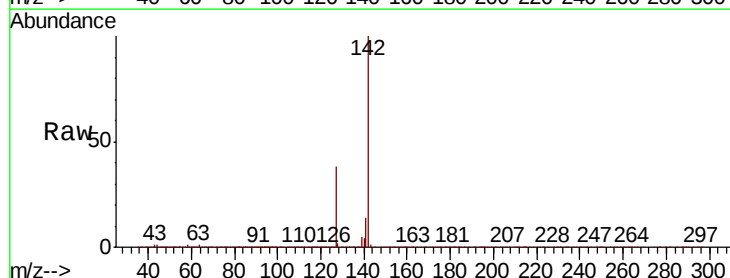
RT: 2.50 min Scan# 265

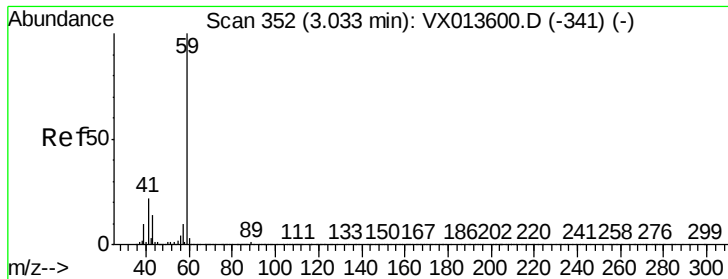
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	142	Resp:	342865
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.0	46.4
141	14.6	11.6	17.4





#11

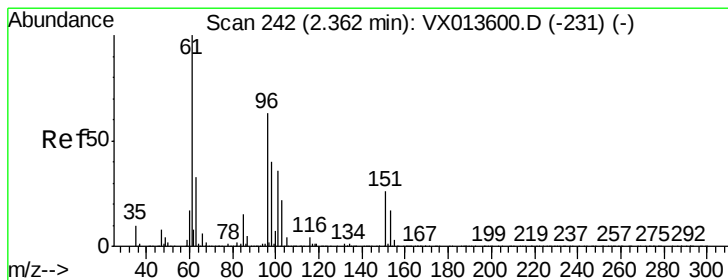
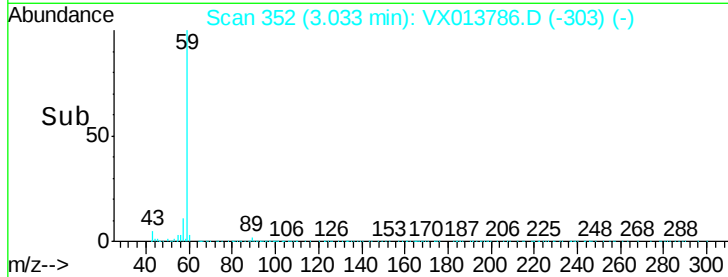
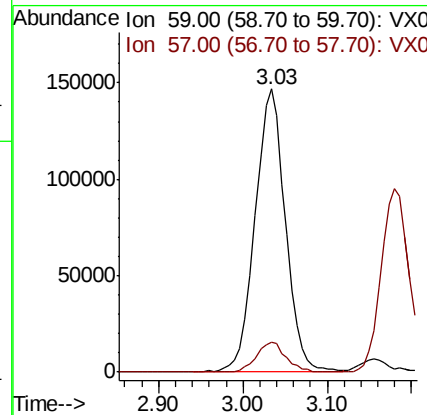
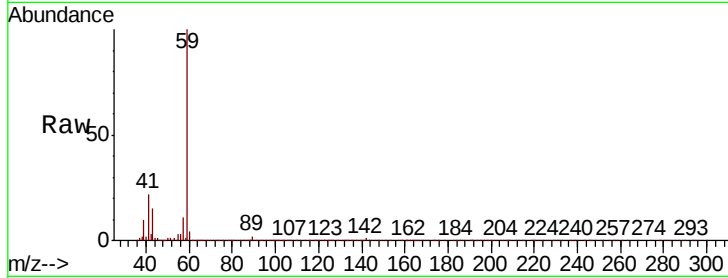
Tert butyl alcohol
Concen: 195.296 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

Manual Integrations
APPROVED

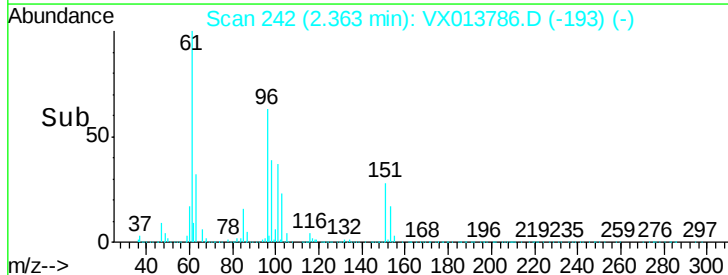
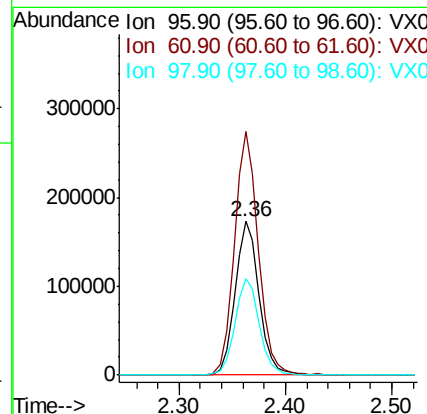
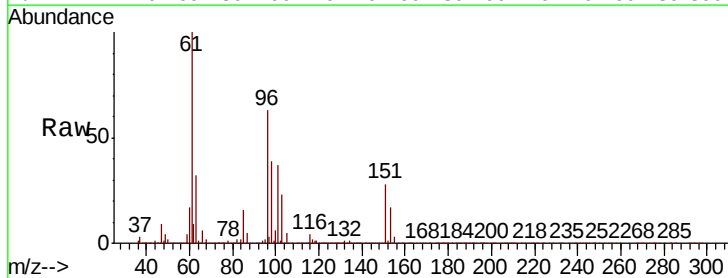
apatel
12/9/2019 9:07:48 AM

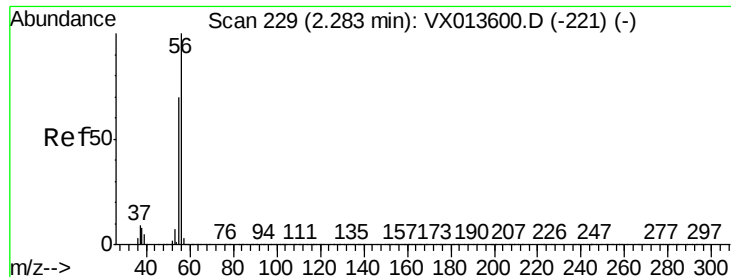


#12

1,1-Dichloroethene
Concen: 44.726 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	126.6	190.0
98	62.6	50.6	76.0





#13

Acrolein

Concen: 105.898 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 124912

Ion Ratio Lower Upper

56 100

55 70.4

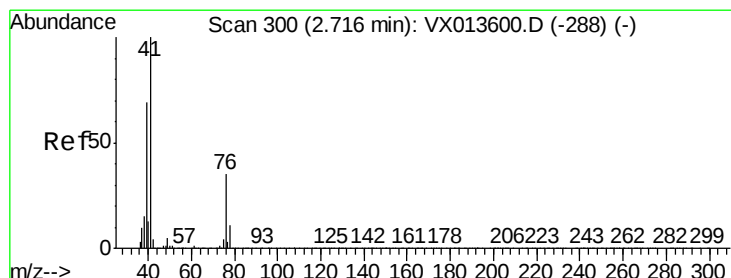
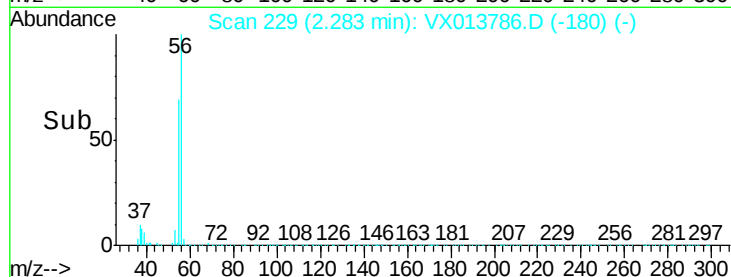
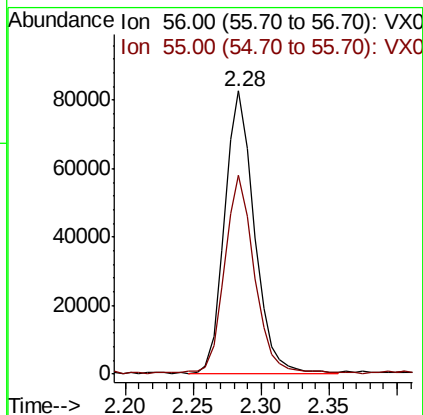
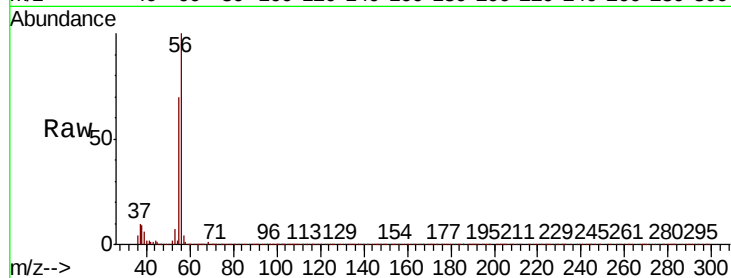
56.2

84.4

Manual Integrations
APPROVED

apatel

12/9/2019 9:07:48 AM



#14

Allyl chloride

Concen: 45.824 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion: 41 Resp: 504050

Ion Ratio Lower Upper

41 100

39 65.6

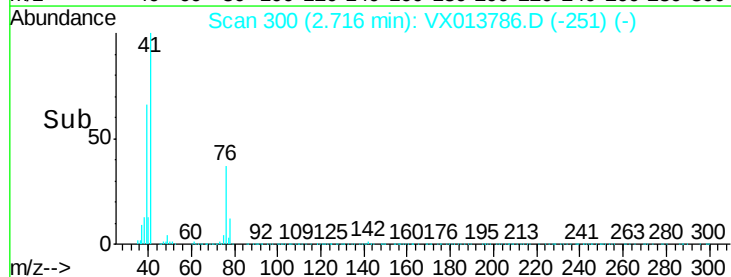
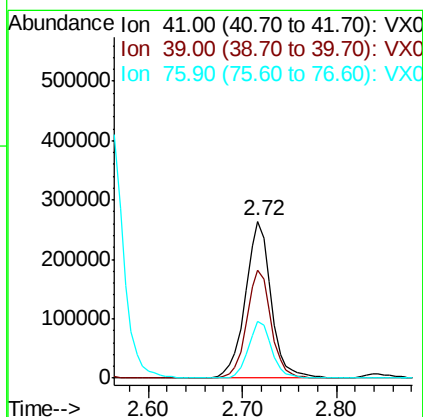
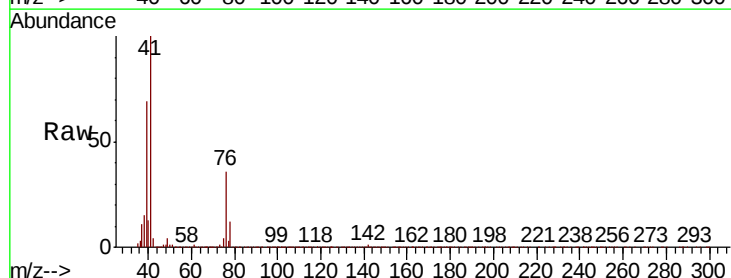
51.7

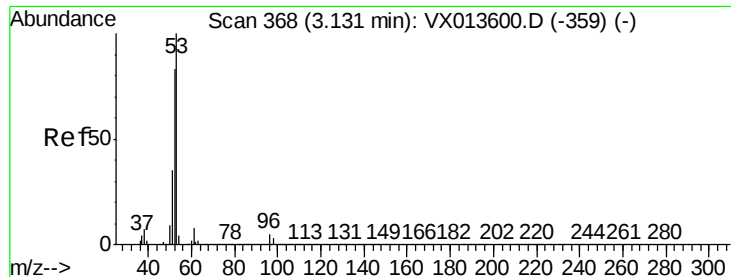
77.5

76 32.7

25.9

38.9





#15

Acrylonitrile

Concen: 226.794 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

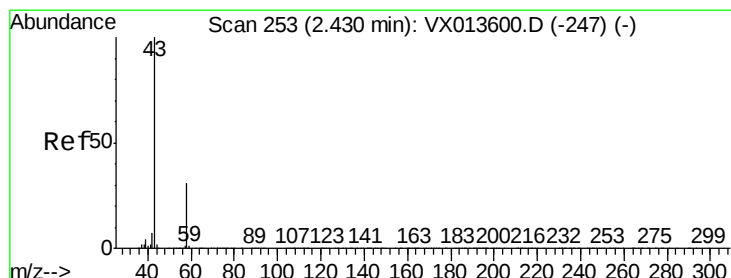
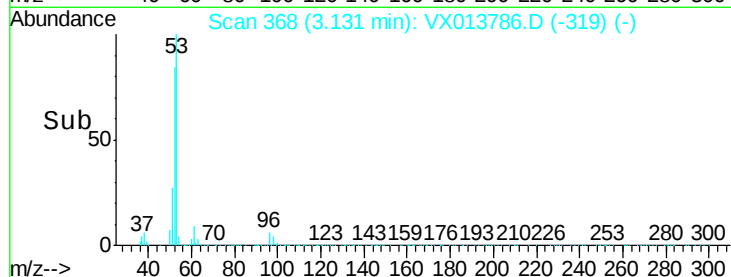
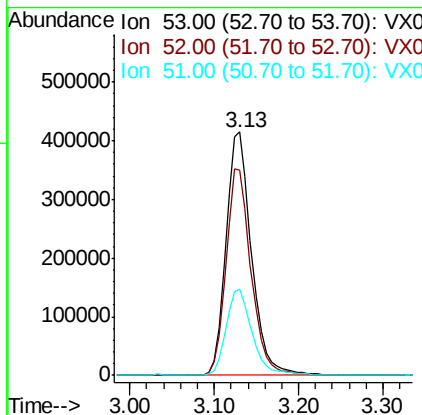
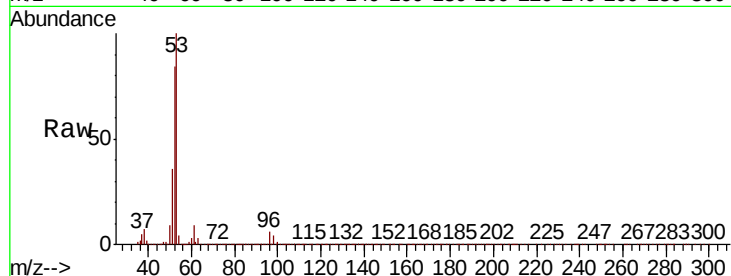
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	854295
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.2	99.2
51	36.0	29.0	43.6

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#16

Acetone

Concen: 283.766 ug/l

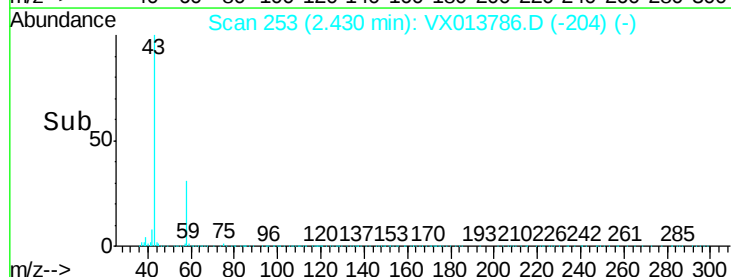
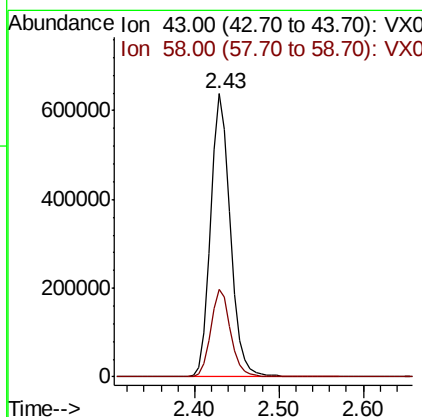
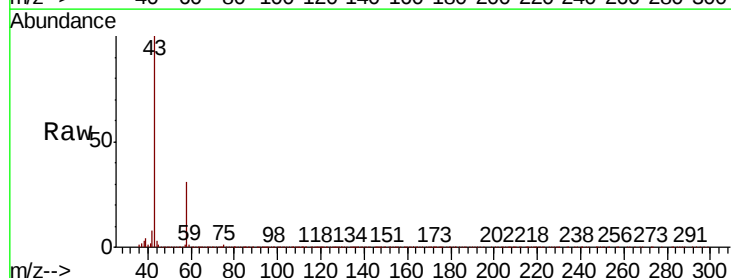
RT: 2.43 min Scan# 253

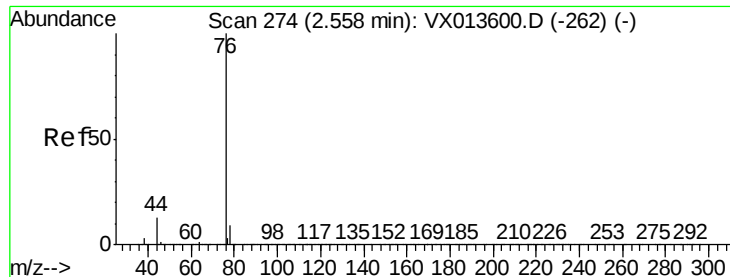
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	43	Resp:	1035763
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.6	36.8





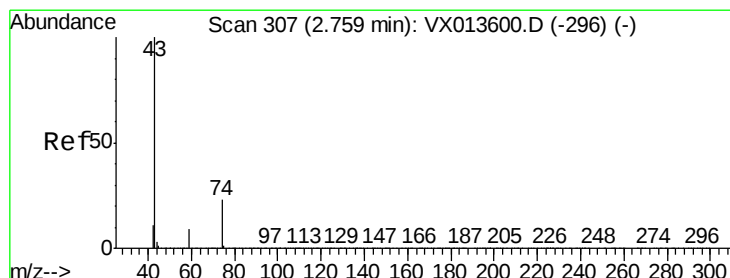
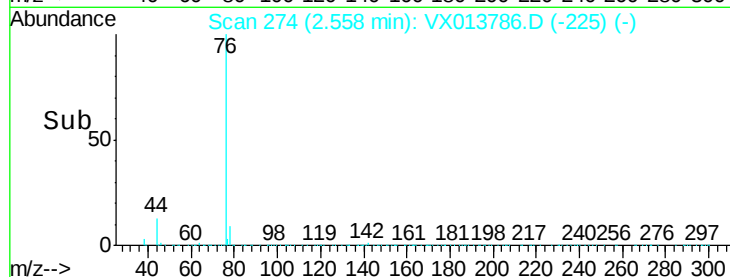
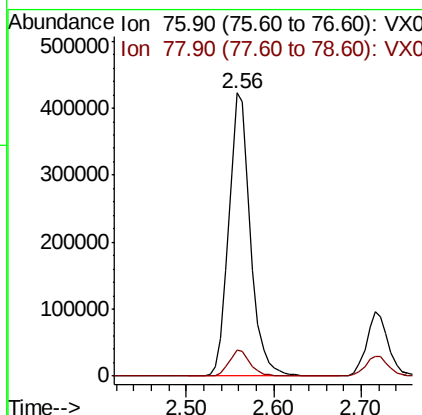
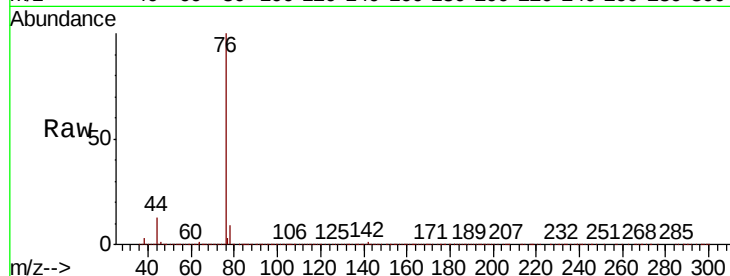
#17
Carbon Disulfide
Concen: 41.931 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

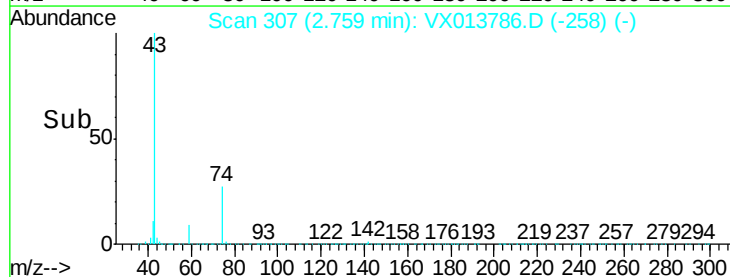
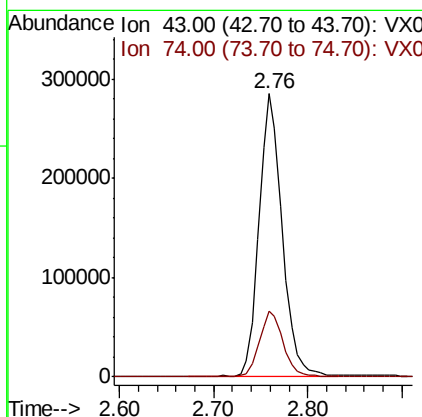
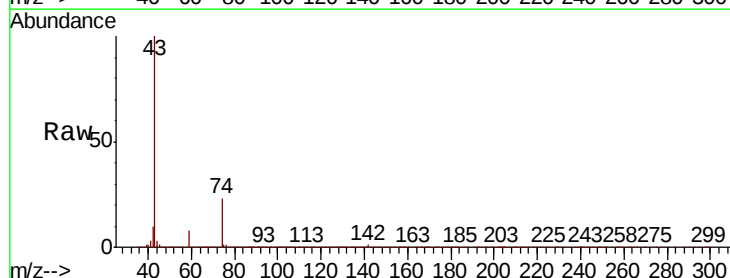
Manual Integrations
APPROVED

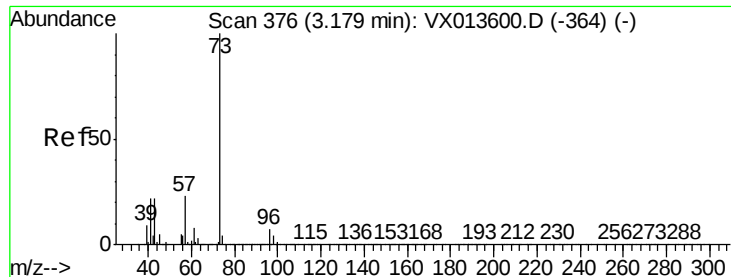
apatel
12/9/2019 9:07:48 AM



#18
Methyl Acetate
Concen: 48.649 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





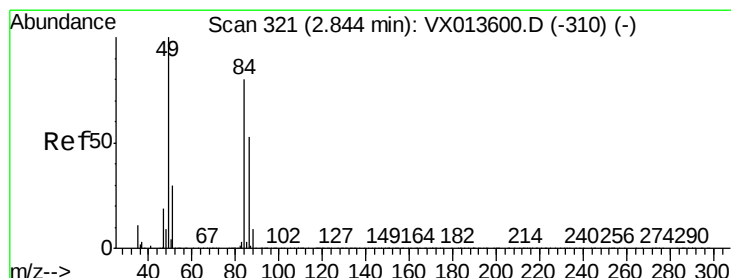
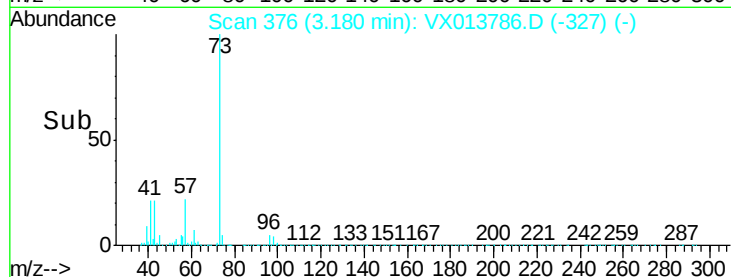
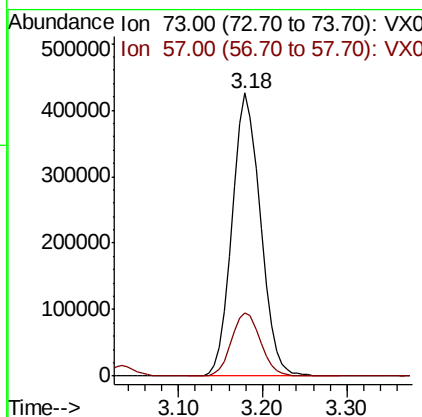
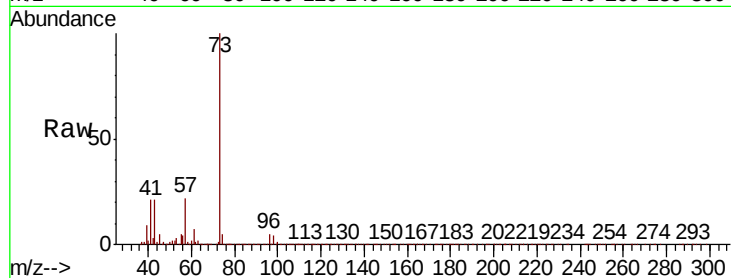
#19
Methvl tert-butvl Ether
Concen: 48.395 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.3	27.5

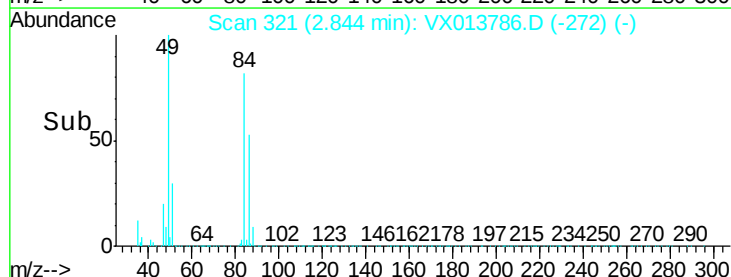
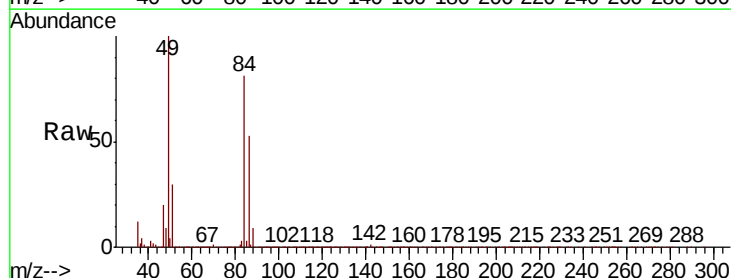
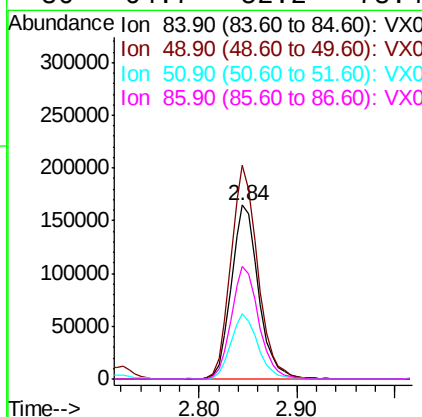
Manual Integrations
APPROVED

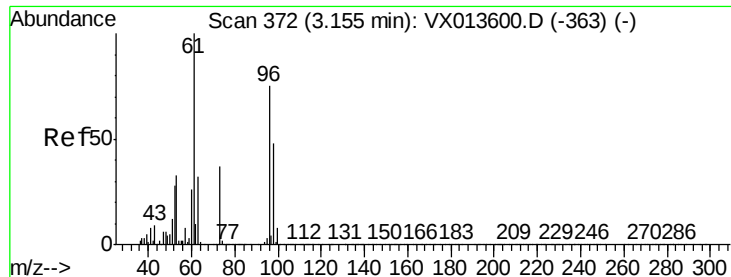
apatel
12/9/2019 9:07:48 AM



#20
Methylene Chloride
Concen: 45.259 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	99.7	149.5
51	37.1	29.9	44.9
86	64.7	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 44.682 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

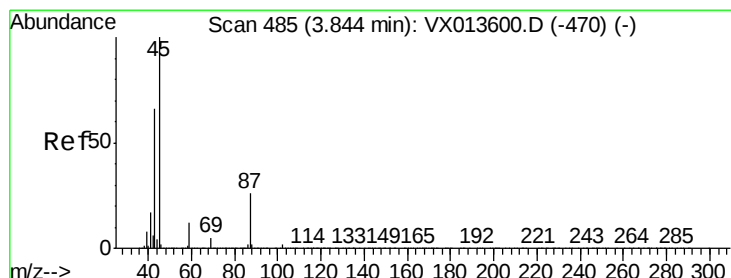
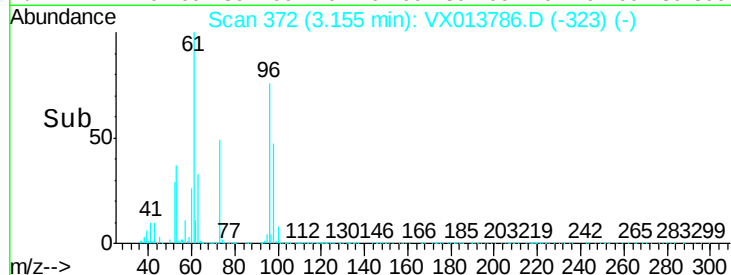
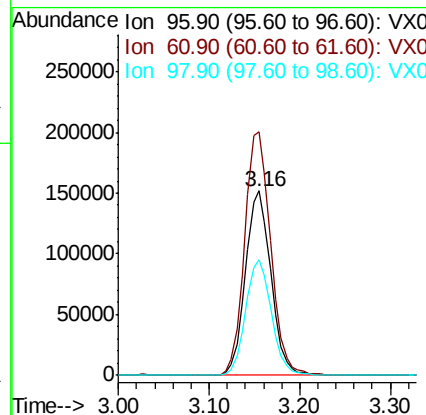
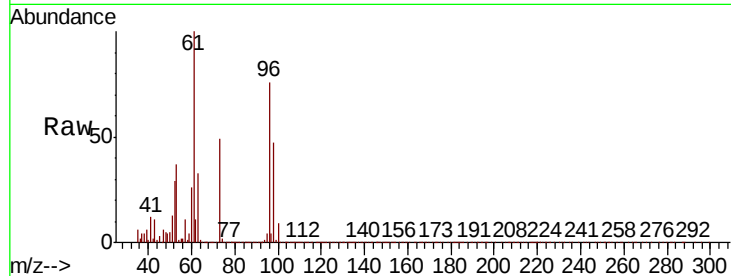
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	295039
Ion	Ratio	Lower	Upper
96	100		
61	132.1	107.2	160.8
98	62.5	51.4	77.0

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#22

Diisopropyl ether

Concen: 47.980 ug/l

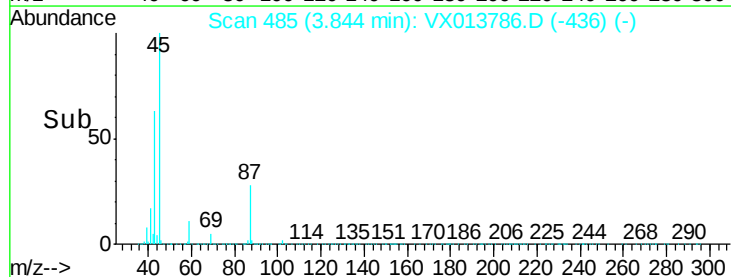
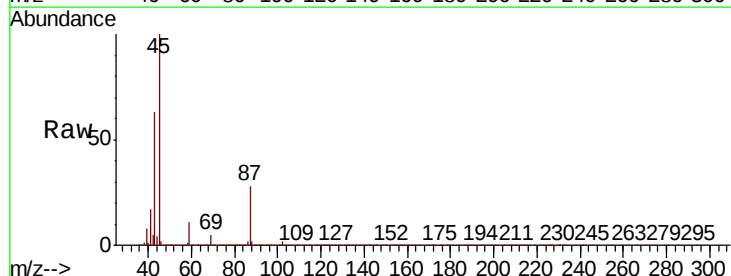
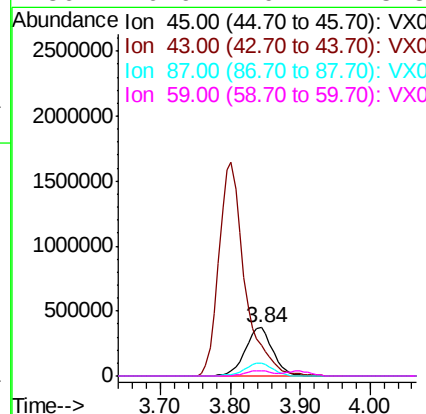
RT: 3.84 min Scan# 485

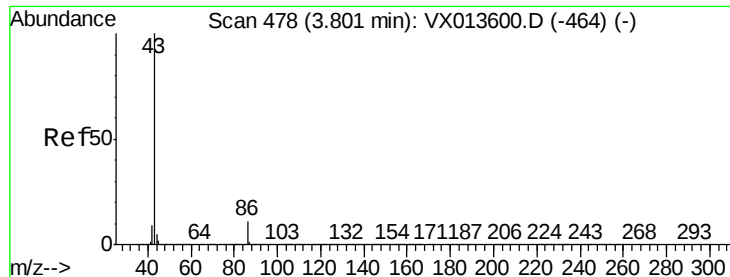
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	45	Resp:	1016229
Ion	Ratio	Lower	Upper
45	100		
43	62.5	52.6	79.0
87	27.7	21.1	31.7
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 240.572 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4238853

Ion Ratio Lower Upper

43 100

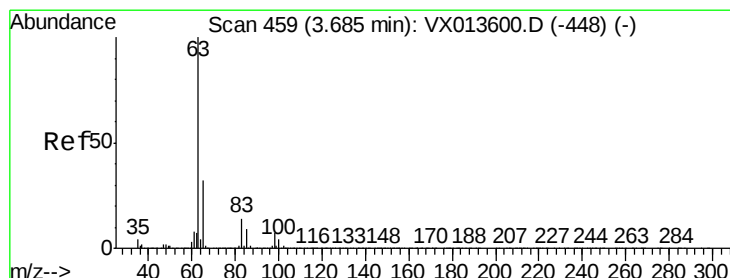
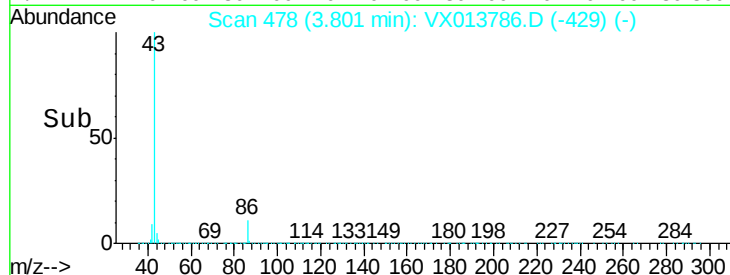
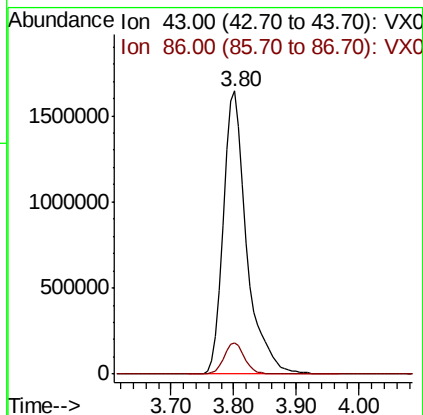
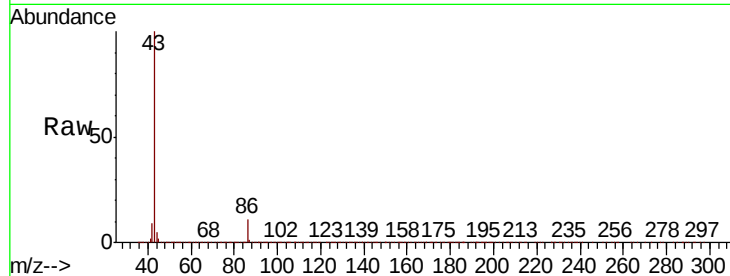
86 11.0 8.7 13.1

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:48 AM



#24

1,1-Dichloroethane

Concen: 47.107 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

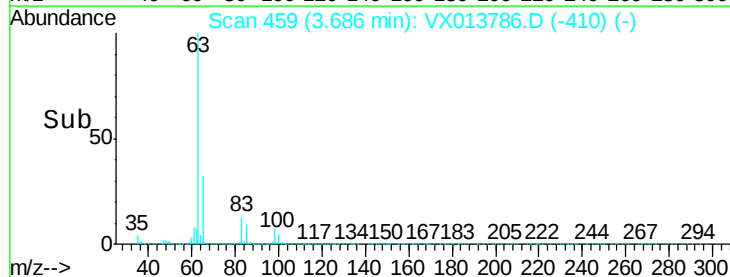
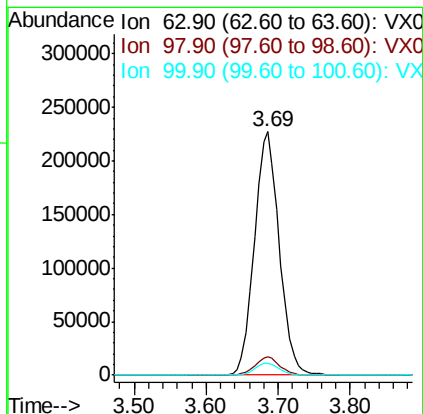
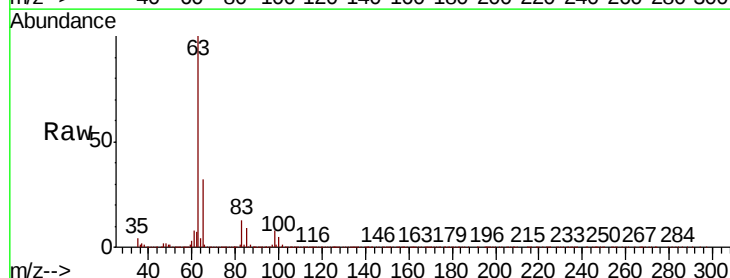
Tgt Ion: 63 Resp: 545431

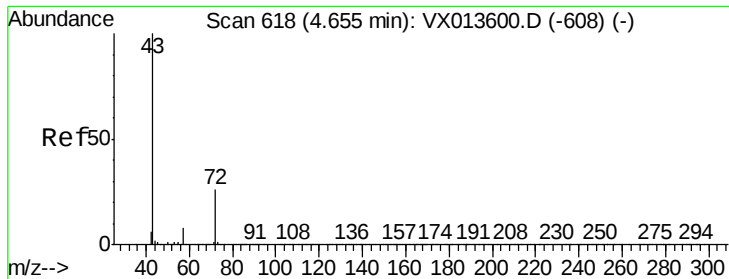
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 249.235 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1352025

Ion Ratio Lower Upper

43 100

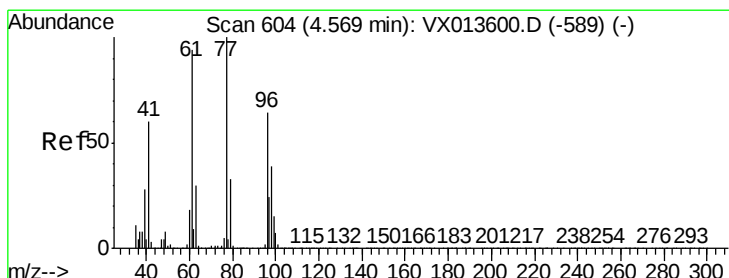
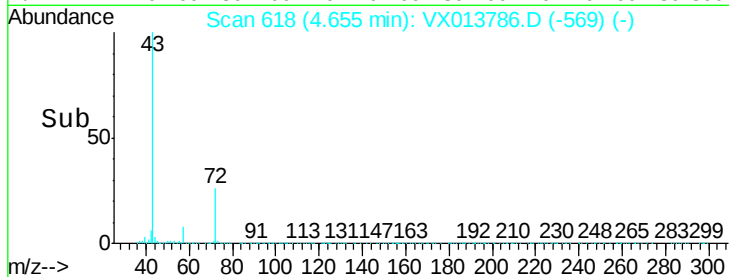
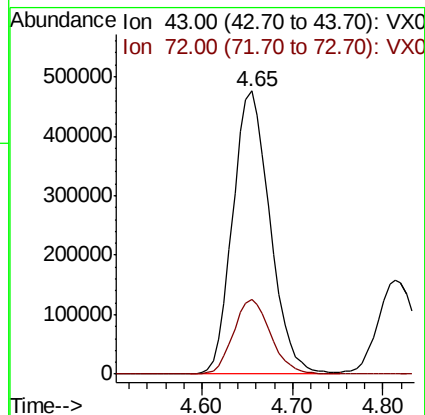
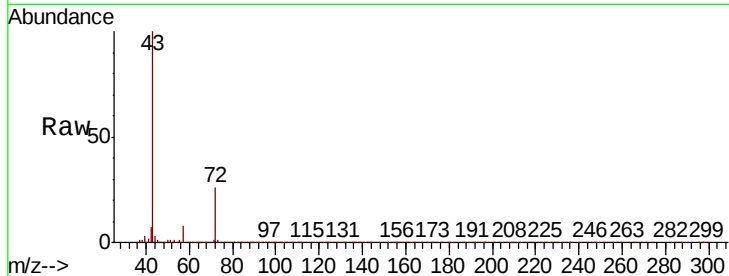
72 26.2 20.6 31.0

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:48 AM



#26

2,2-Dichloropropane

Concen: 46.611 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013786.D

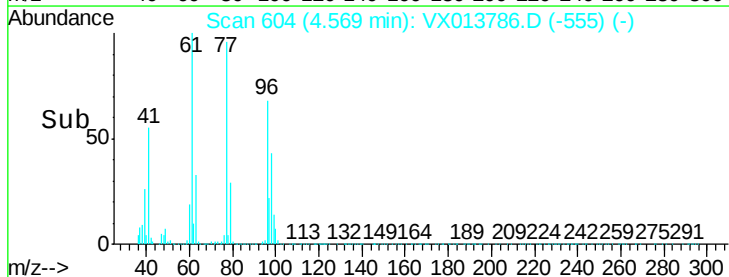
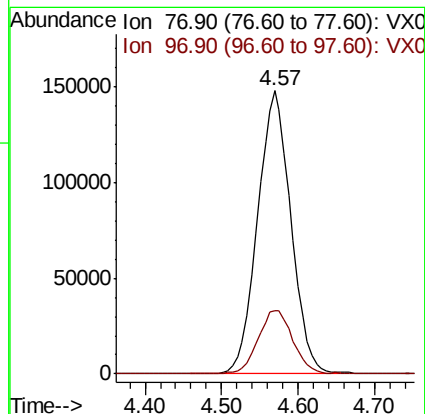
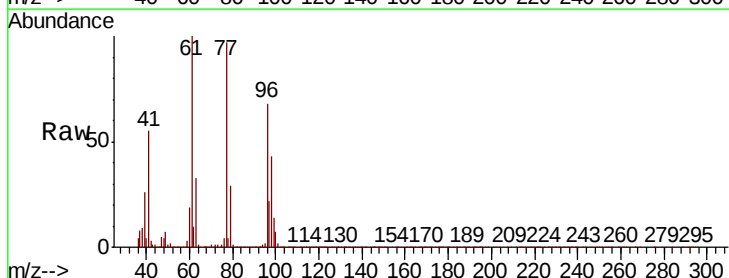
Acq: 06 Dec 2019 09:29

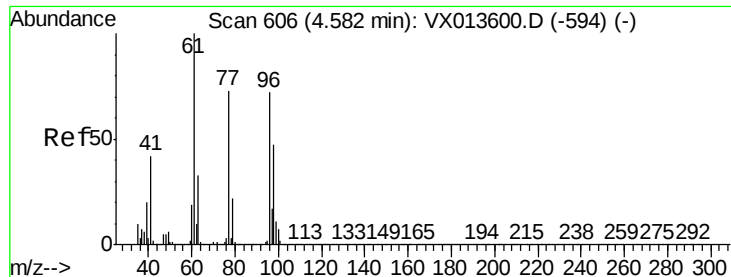
Tgt Ion: 77 Resp: 446520

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

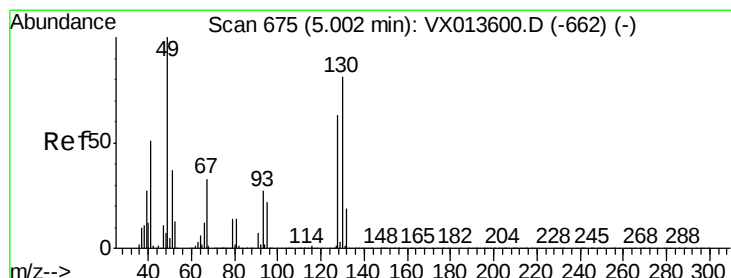
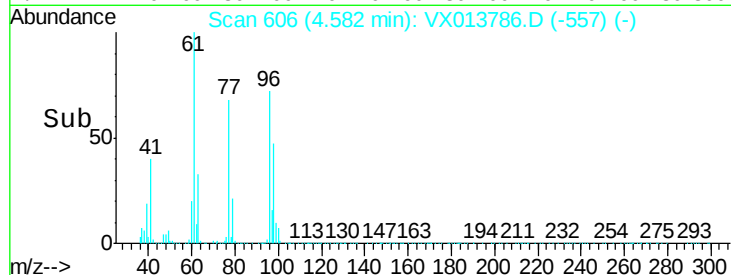
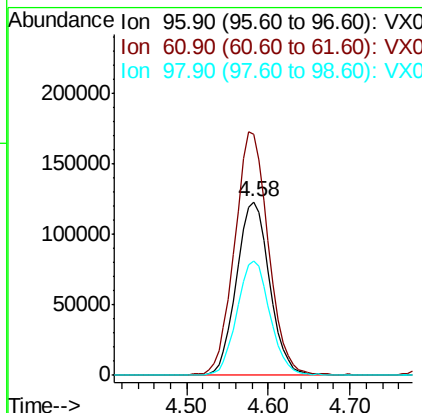
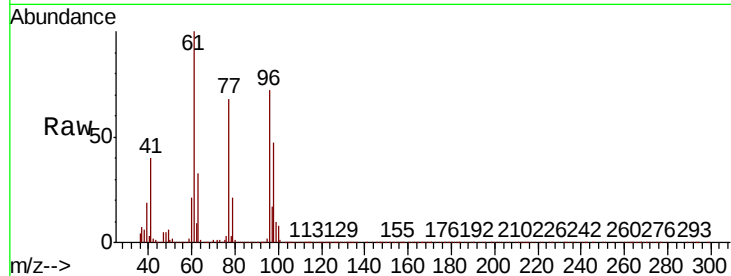
cis-1,2-Dichloroethene
Concen: 45.540 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	345333		
61	143.1	0.0	286.4	
98	66.1	0.0	127.4	

Manual Integrations
APPROVED

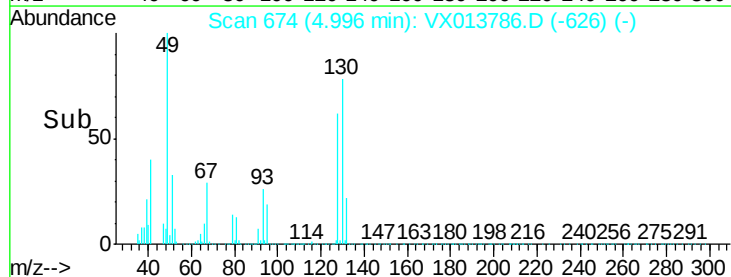
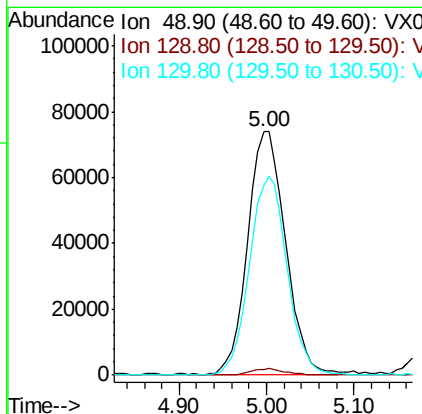
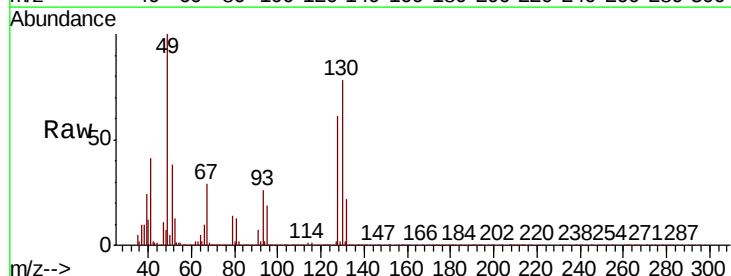
apatel
12/9/2019 9:07:48 AM

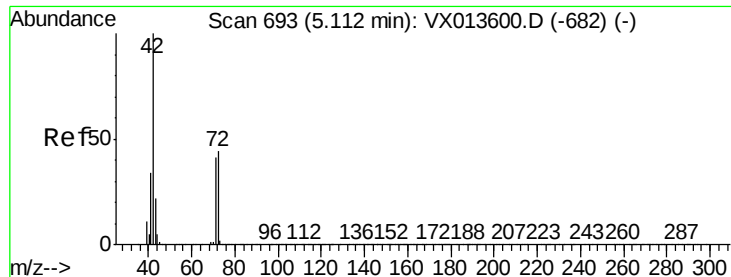


#28

Bromochloromethane
Concen: 48.604 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	222394		
129	2.4	0.0	5.0	
130	81.2	65.4	98.0	





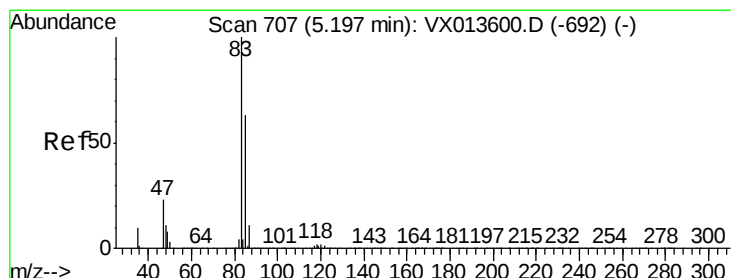
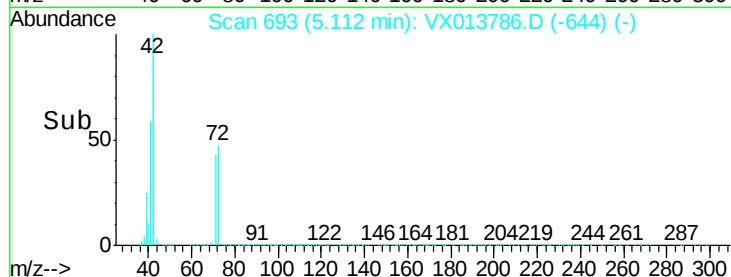
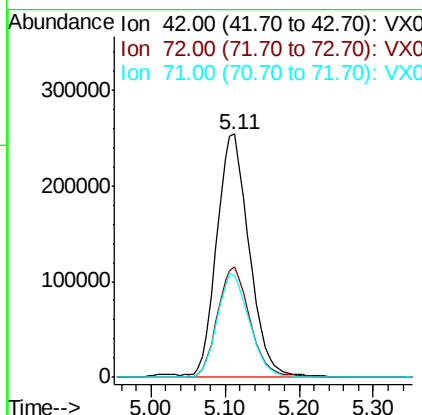
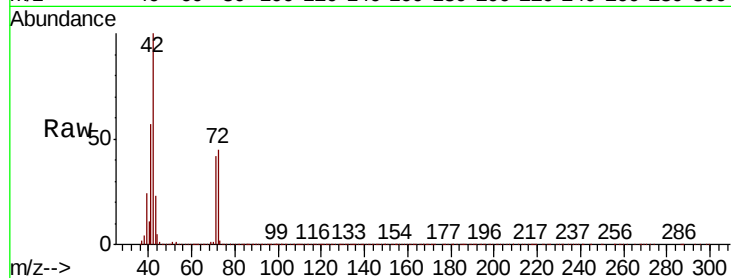
#29
Tetrahydrofuran
Concen: 228.014 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.3	54.5
71	42.4	33.2	49.8

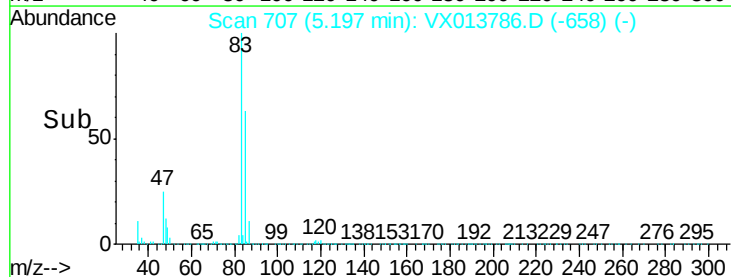
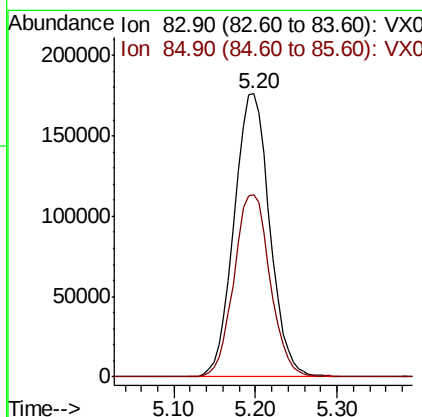
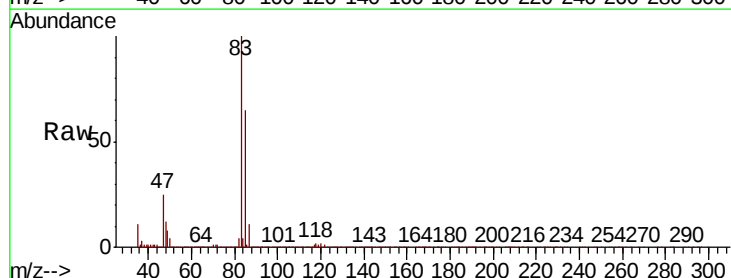
Manual Integrations
APPROVED

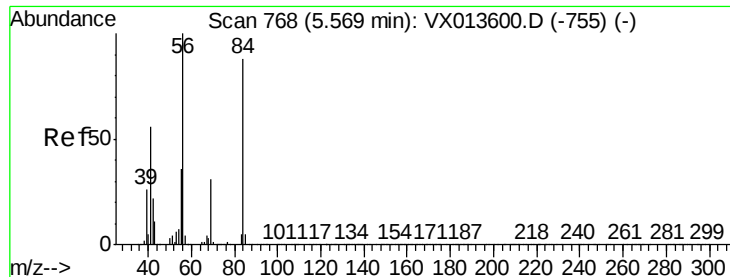
apatel
12/9/2019 9:07:48 AM



#30
Chloroform
Concen: 45.391 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.4





#31

Cyclohexane

Concen: 44.261 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

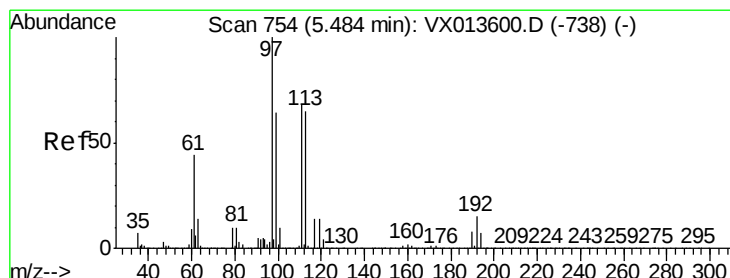
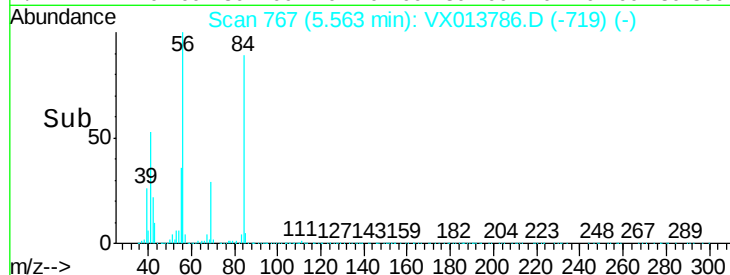
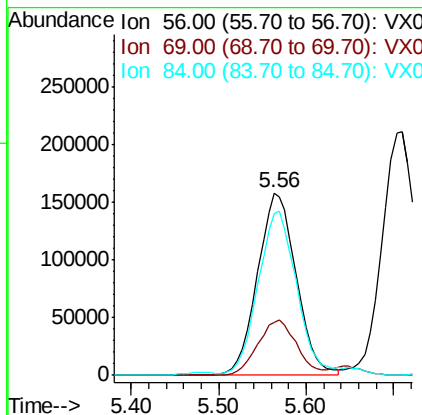
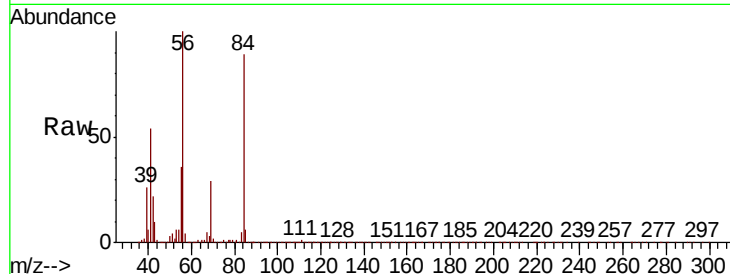
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	483369
Ion Ratio		Lower	Upper
56	100		
69	29.2	24.6	36.8
84	87.9	70.0	105.0

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#32

1,1,1-Trichloroethane

Concen: 45.900 ug/l

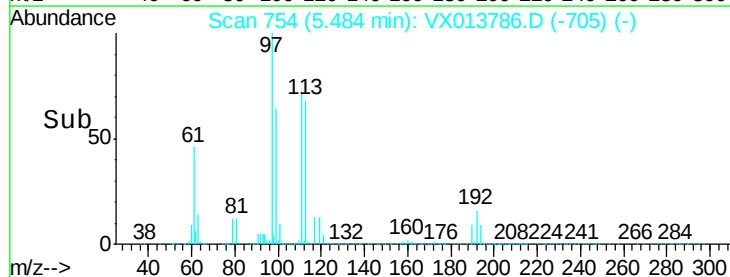
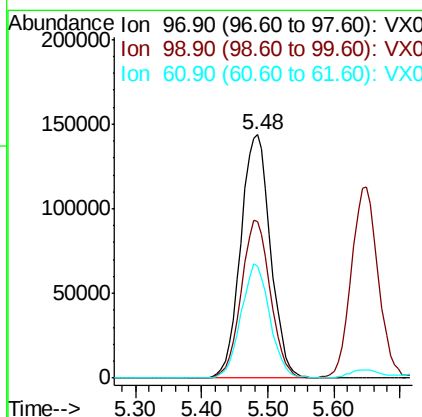
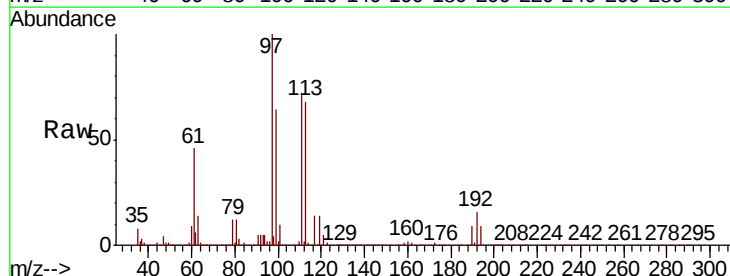
RT: 5.48 min Scan# 754

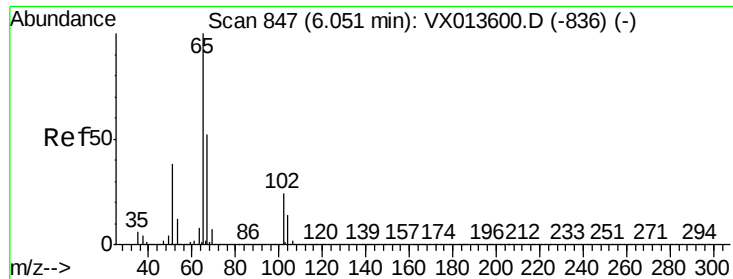
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	97	Resp:	450401
Ion Ratio		Lower	Upper
97	100		
99	63.0	51.6	77.4
61	45.0	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.509 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 336455

Ion Ratio Lower Upper

65 100

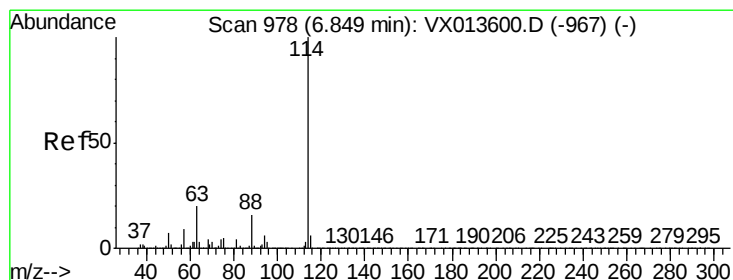
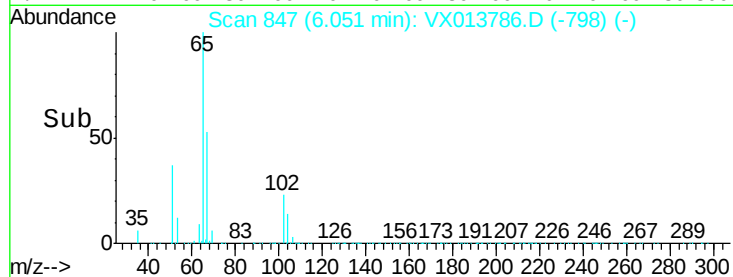
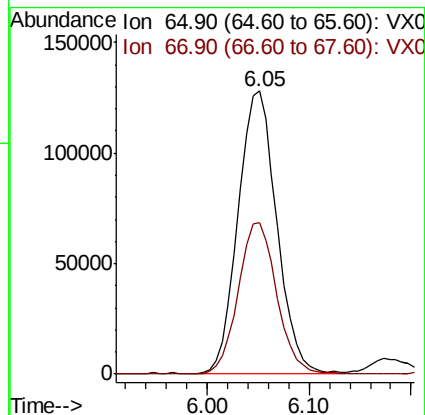
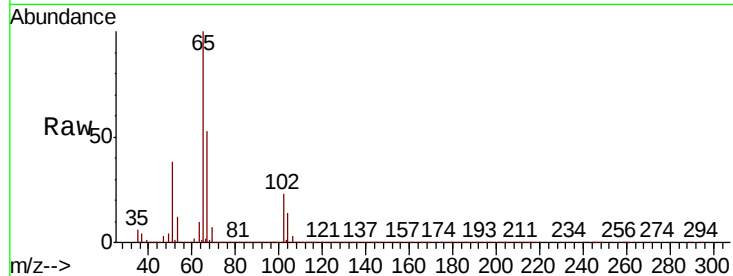
67 53.5 0.0 104.4

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:48 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

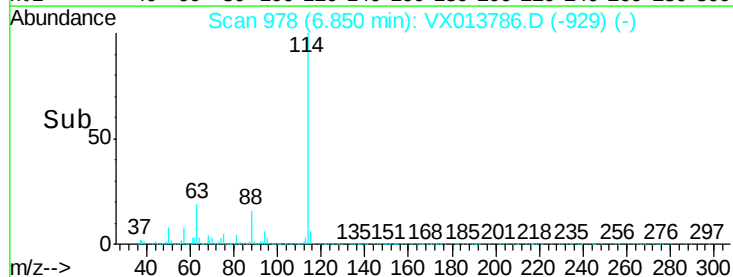
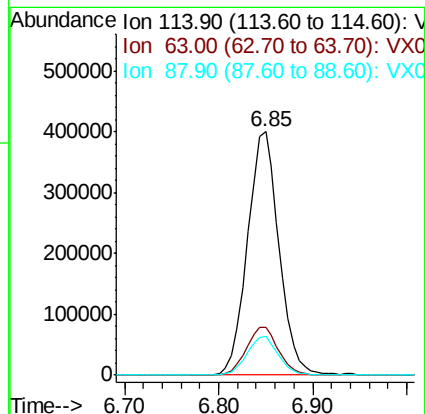
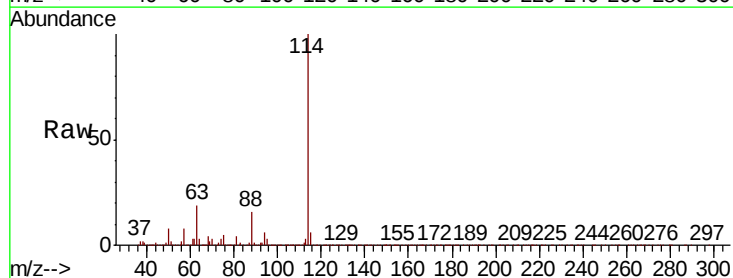
Tgt Ion: 114 Resp: 938570

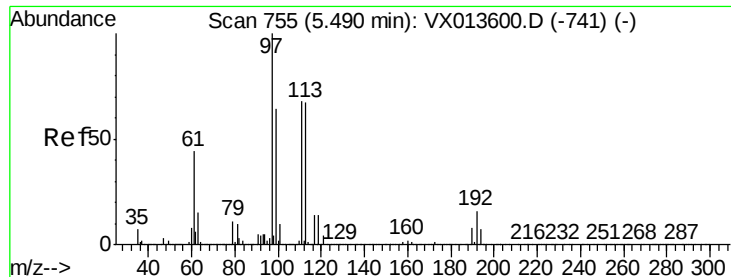
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.070 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

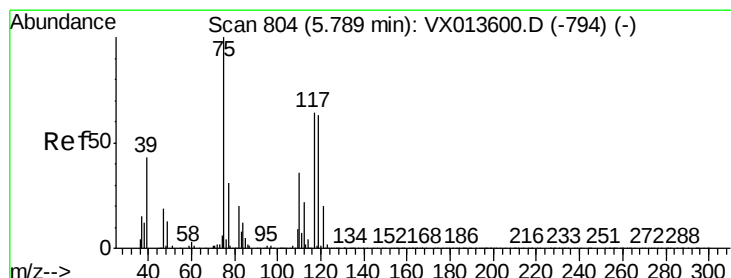
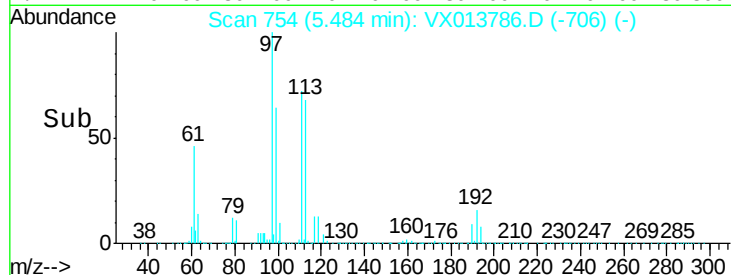
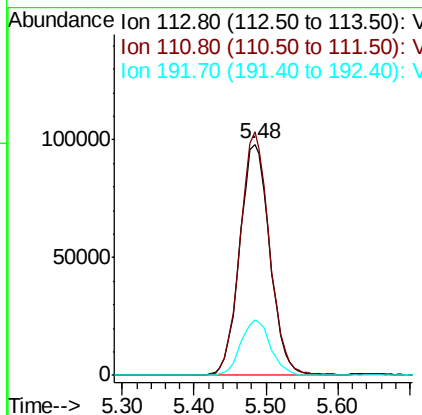
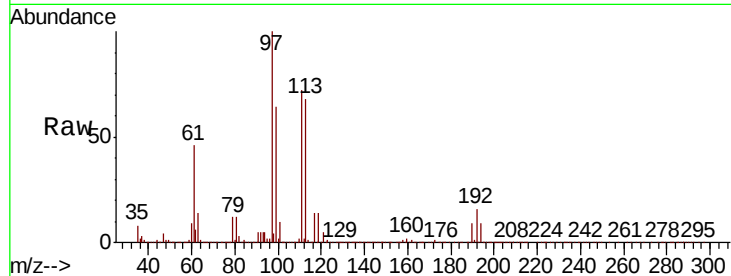
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	284722
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.6	125.4
192	23.4	19.2	28.8

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#36

1,1-Dichloropropene

Concen: 46.820 ug/l

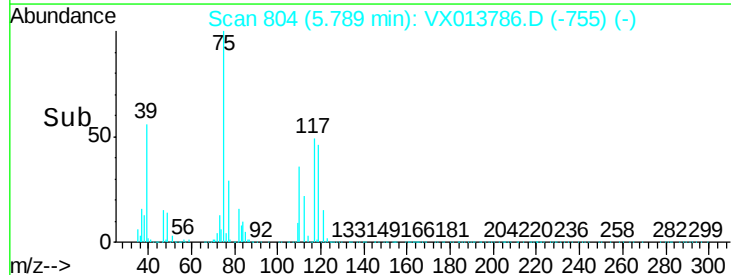
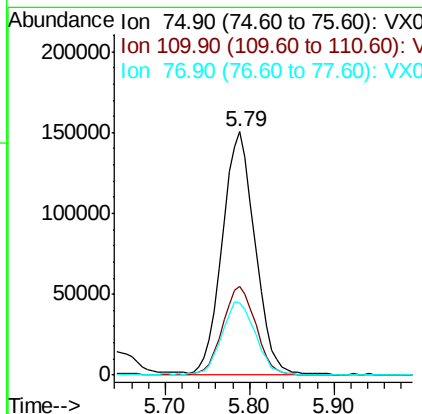
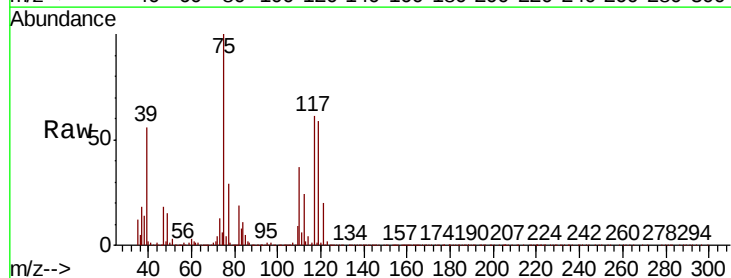
RT: 5.79 min Scan# 804

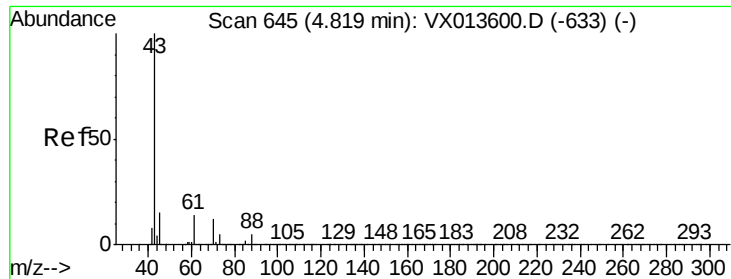
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	75	Resp:	398898
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	30.7	24.5	36.7





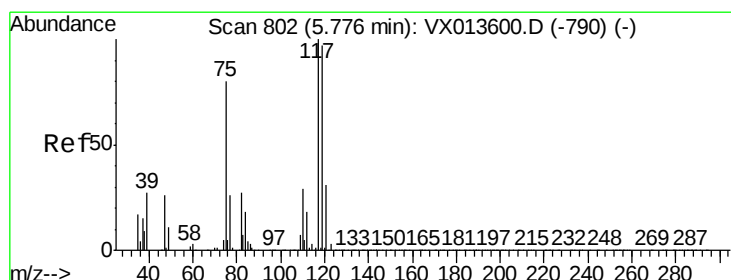
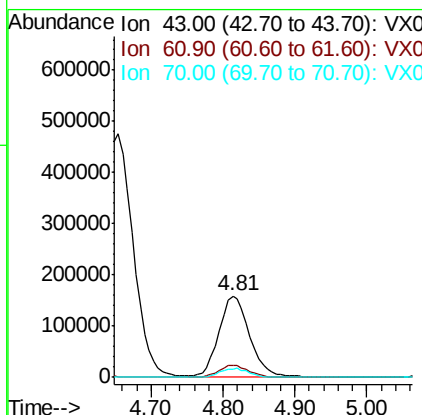
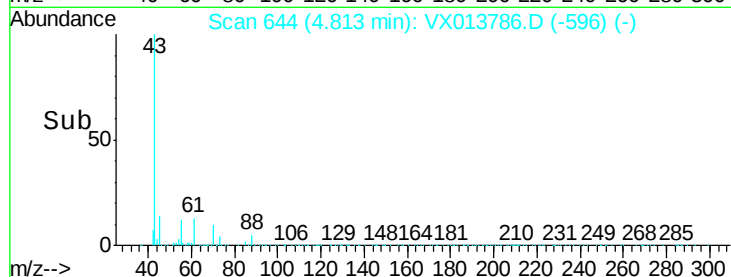
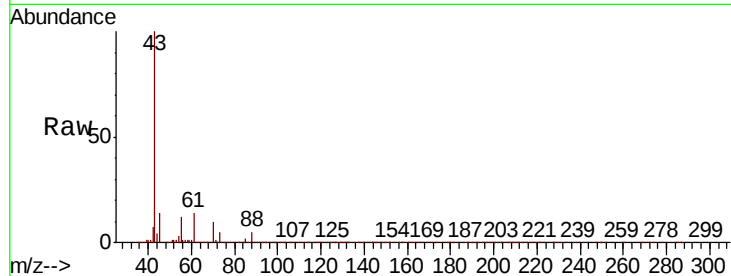
#37
Ethyl Acetate
Concen: 48.939 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	467756
Ion Ratio	Lower	Upper	
43	100		
61	14.0	11.0	16.4
70	10.6	8.6	12.8

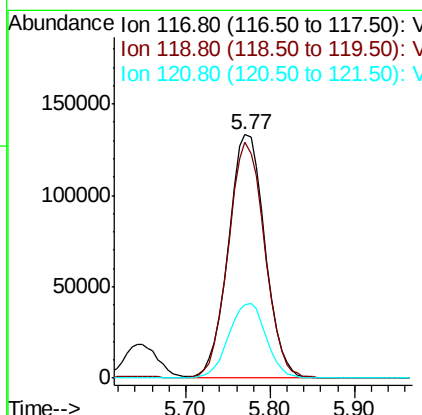
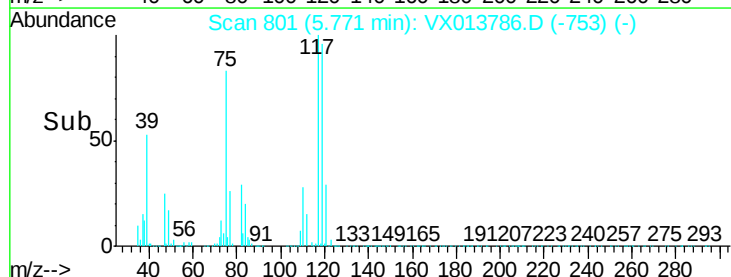
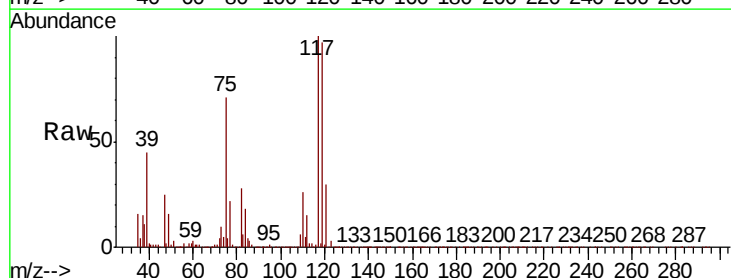
Manual Integrations
APPROVED

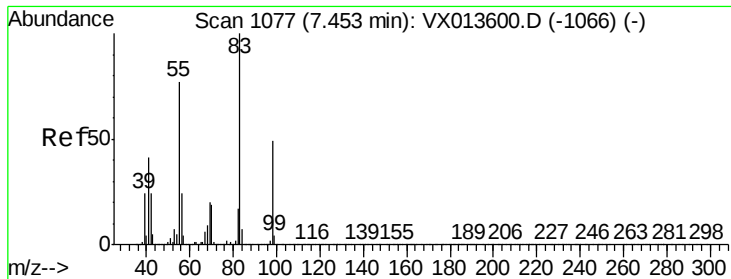
apatel
12/9/2019 9:07:48 AM



#38
Carbon Tetrachloride
Concen: 49.712 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	117	Resp	390539
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.5	116.3
121	29.9	25.0	37.6





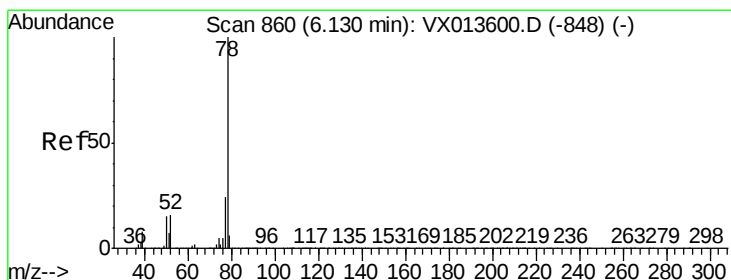
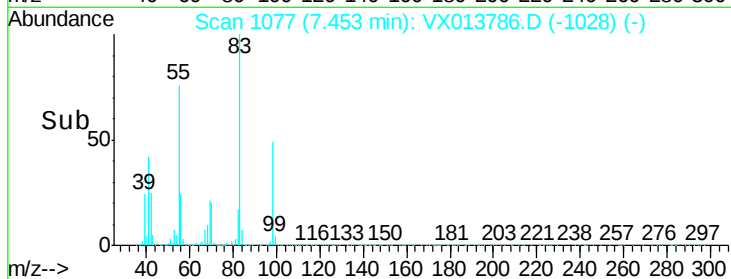
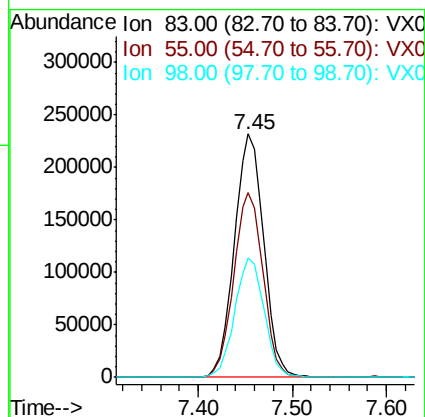
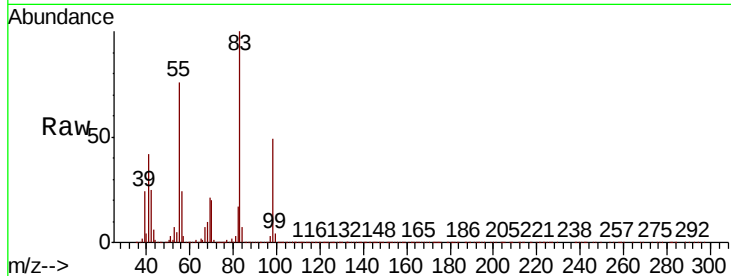
#39
Methvlcvclohexane
Concen: 47.670 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.9	92.9
98	49.1	39.4	59.0

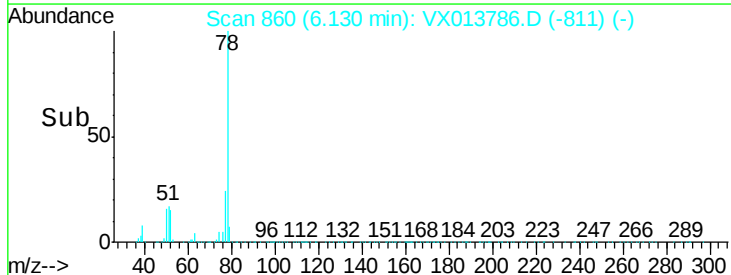
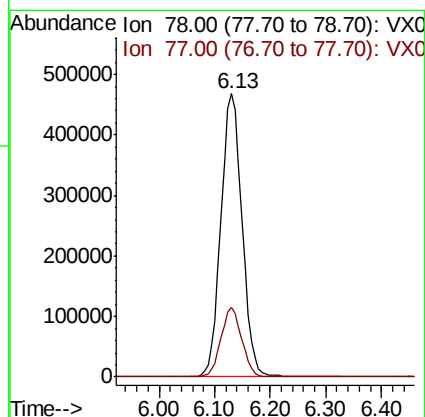
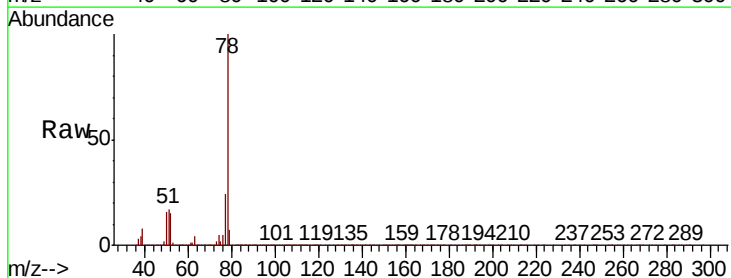
Manual Integrations
APPROVED

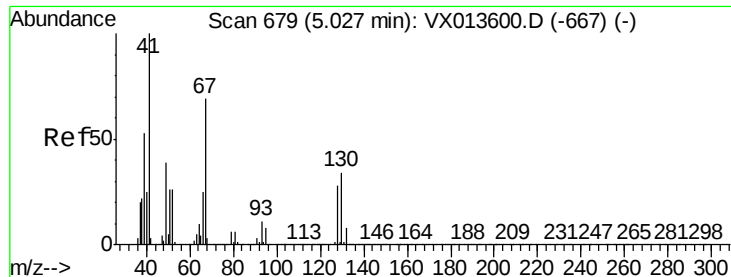
apatel
12/9/2019 9:07:48 AM



#40
Benzene
Concen: 47.549 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





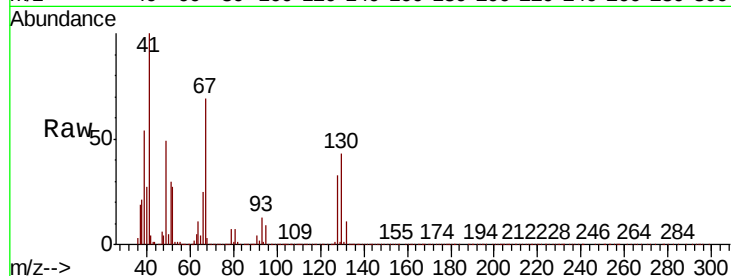
#41
Methacrylonitrile
Concen: 50.156 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

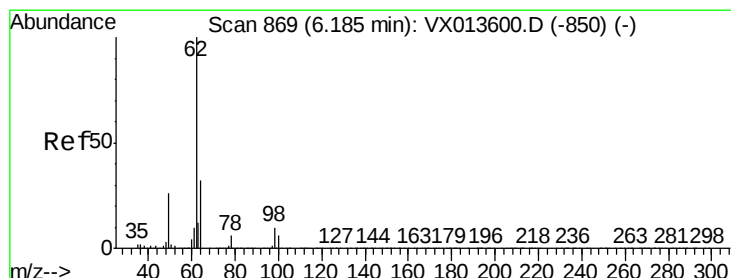
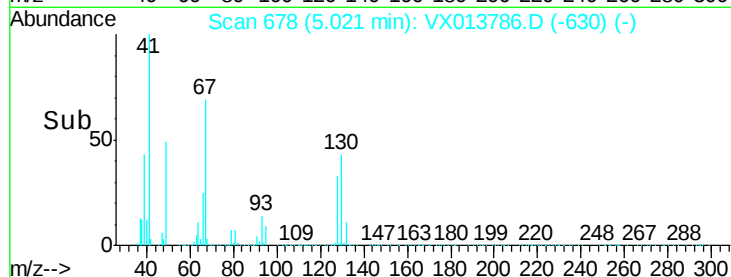
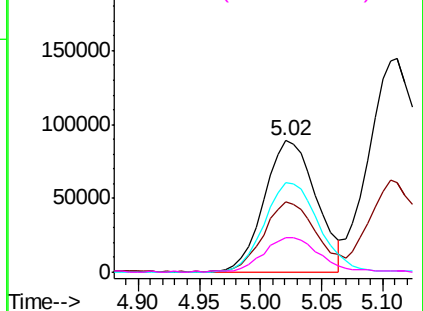
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	42.9	64.3	
67	70.8	57.4	86.0	
52	27.6	22.4	33.6	

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM

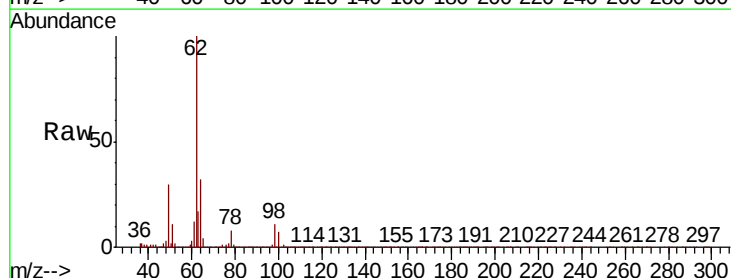


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

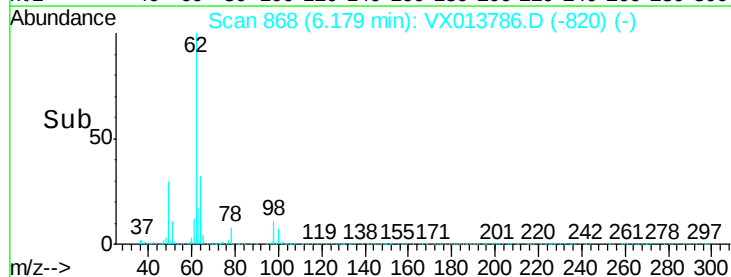
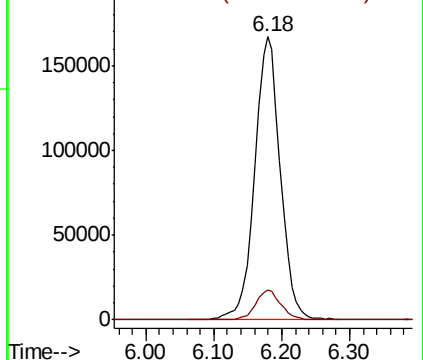


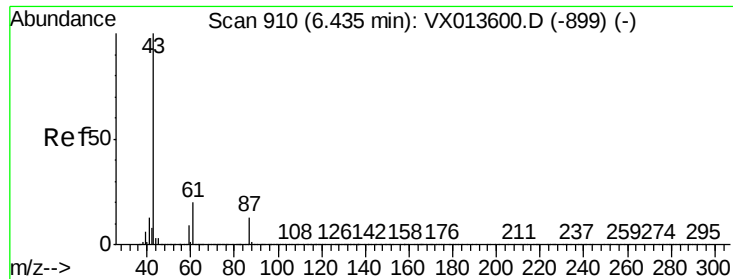
#42
1,2-Dichloroethane
Concen: 49.661 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.518 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

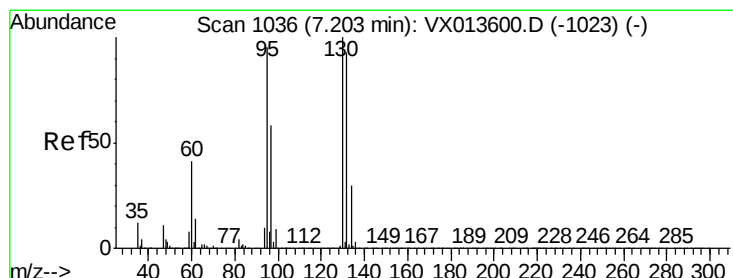
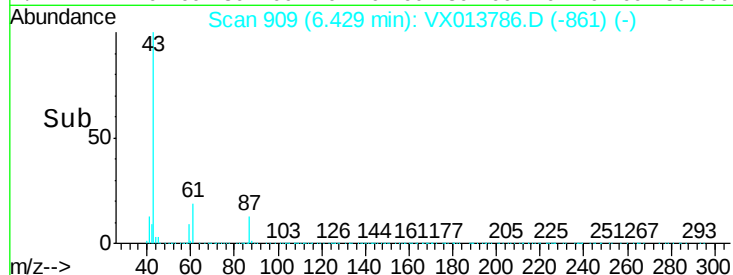
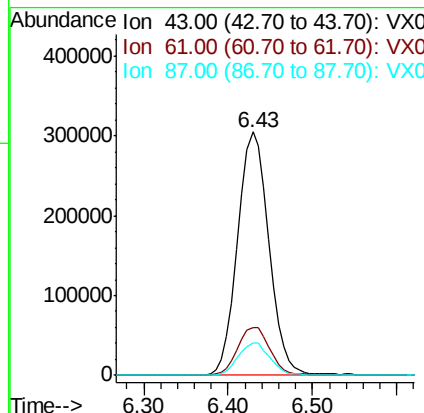
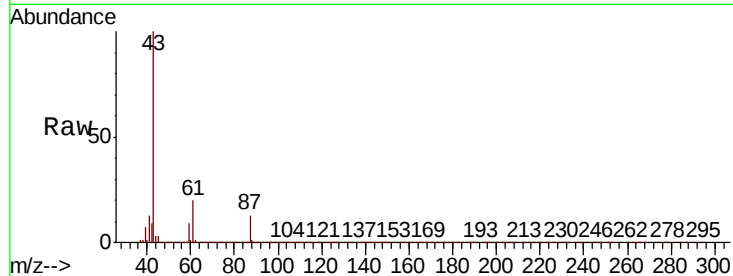
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	763448
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.7	10.8	16.2

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#44

Trichloroethene

Concen: 46.910 ug/l

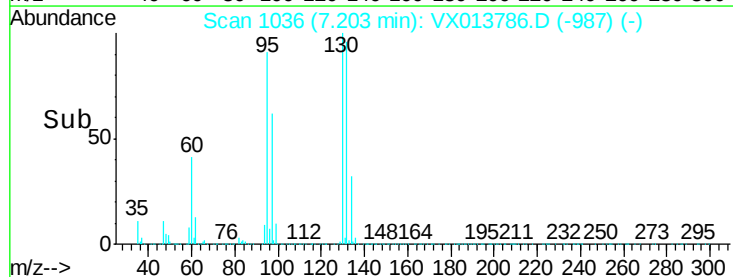
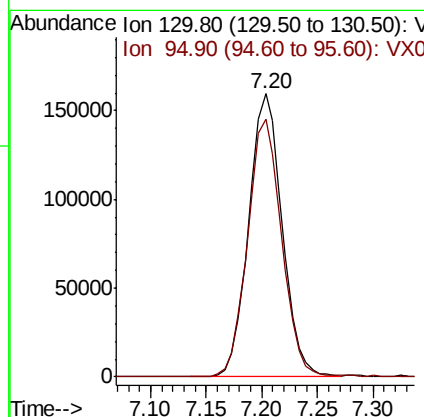
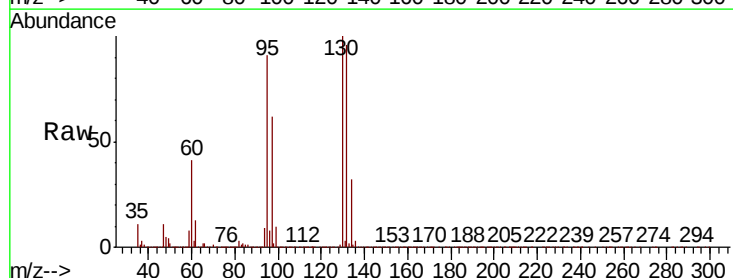
RT: 7.20 min Scan# 1036

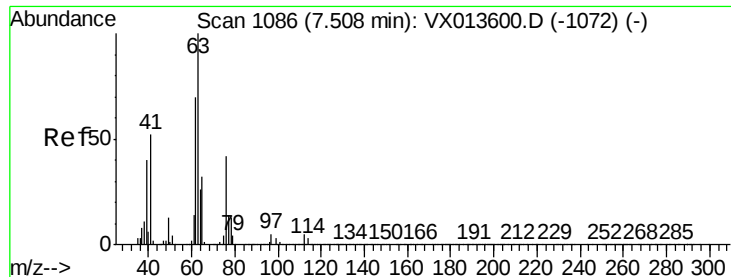
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	130	Resp:	334071
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.180 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 325783

Ion Ratio Lower Upper

63 100

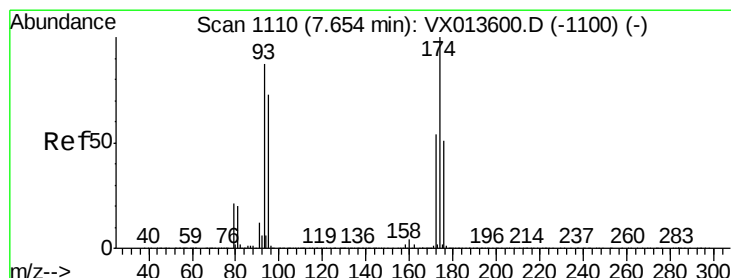
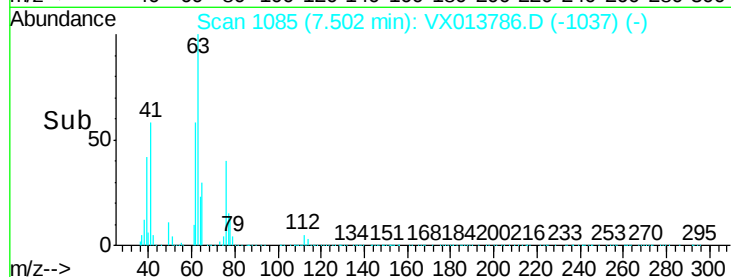
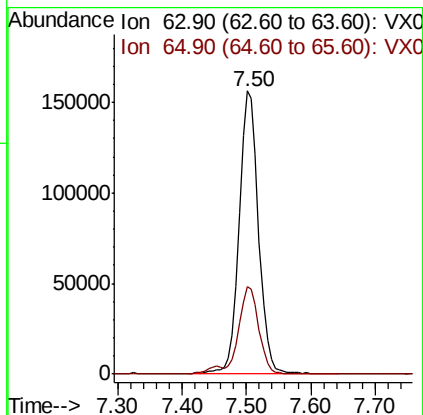
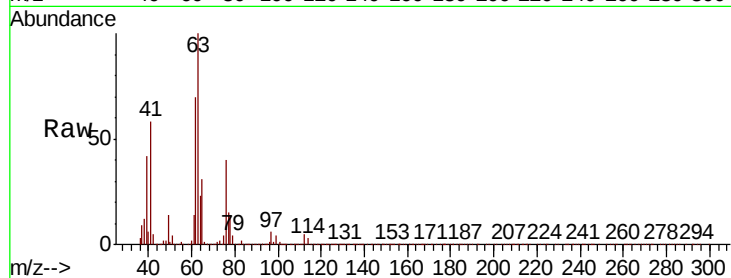
65 31.0 25.5 38.3

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:48 AM



#46

Dibromomethane

Concen: 48.099 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

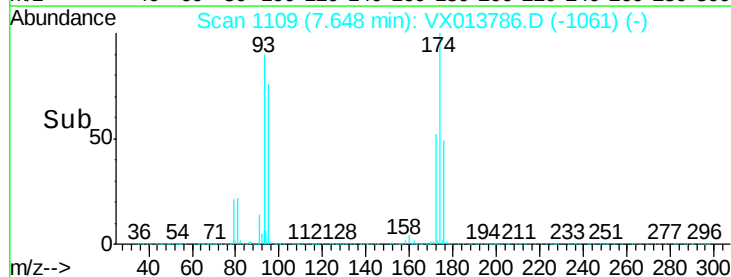
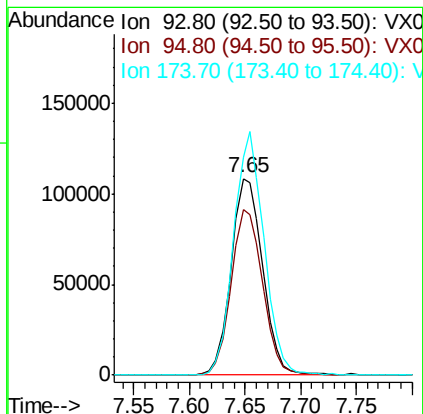
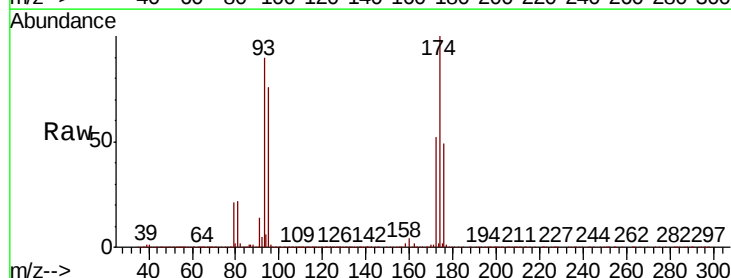
Tgt Ion: 93 Resp: 212087

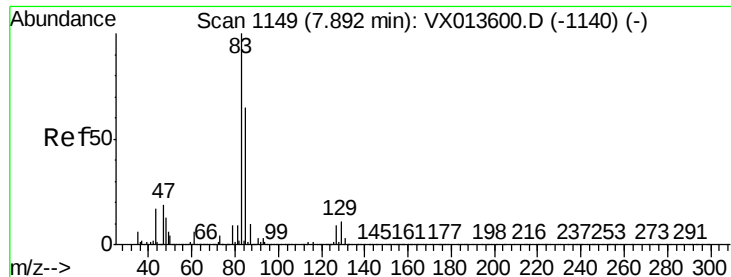
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.2

174 119.8 93.4 140.0





#47

Bromodichloromethane

Concen: 51.555 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

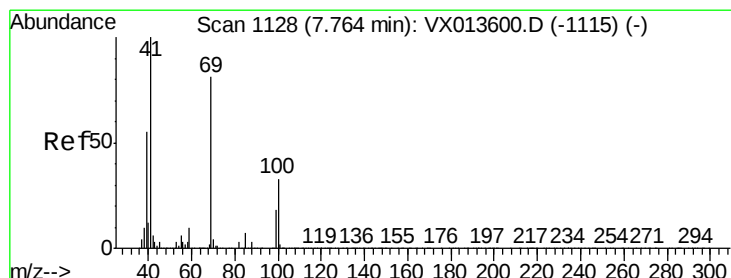
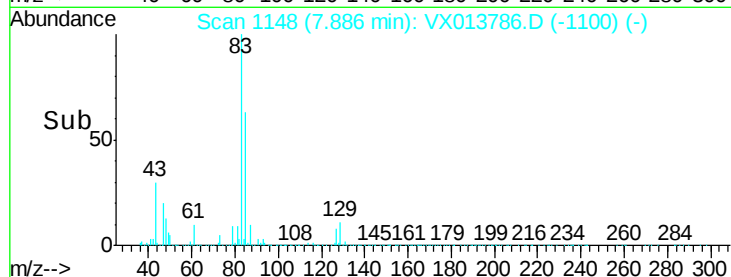
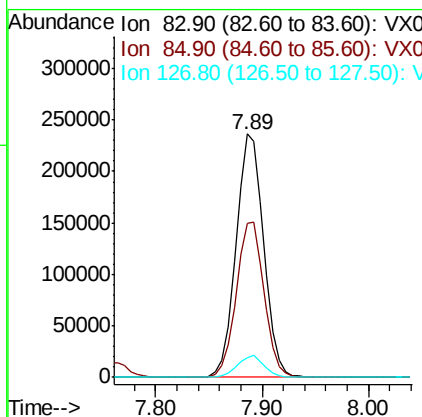
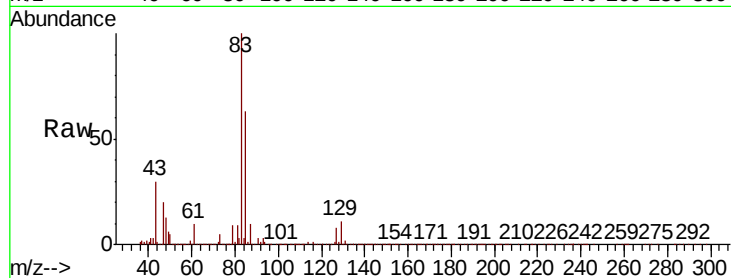
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	429749
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.1	78.1
127	7.9	7.0	10.4

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#48

Methyl methacrylate

Concen: 50.897 ug/l

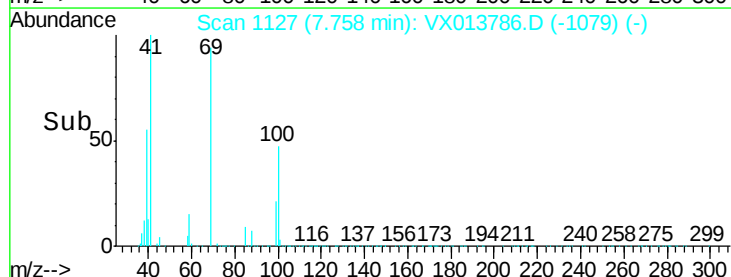
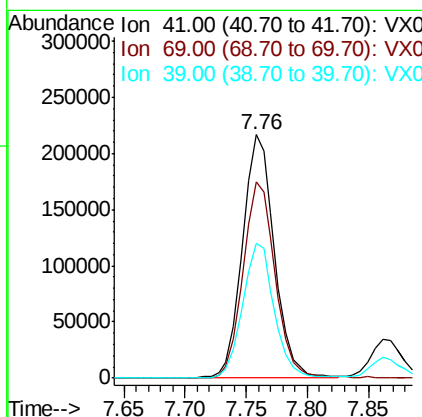
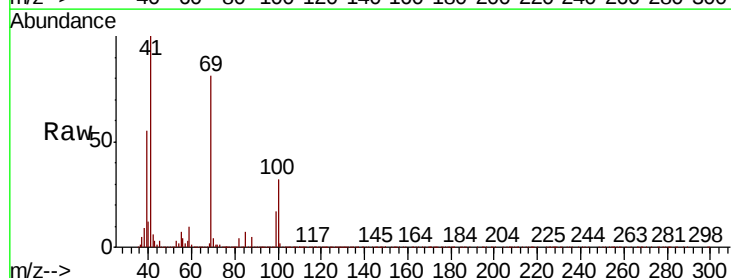
RT: 7.76 min Scan# 1127

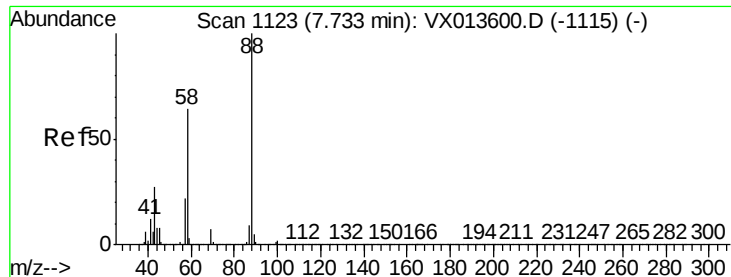
Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	41	Resp:	389131
Ion	Ratio	Lower	Upper
41	100		
69	81.6	64.7	97.1
39	54.7	43.8	65.6





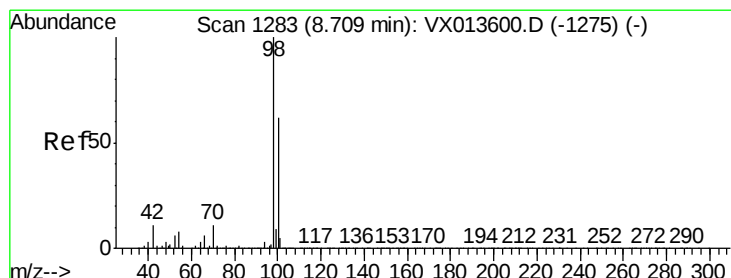
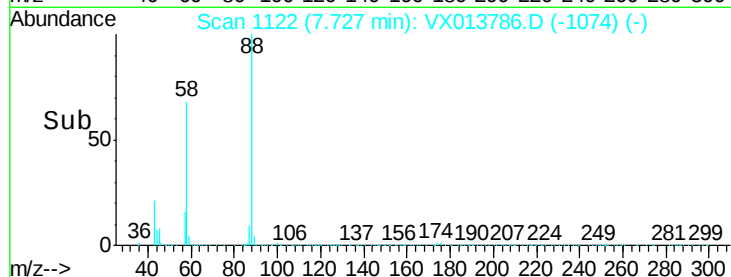
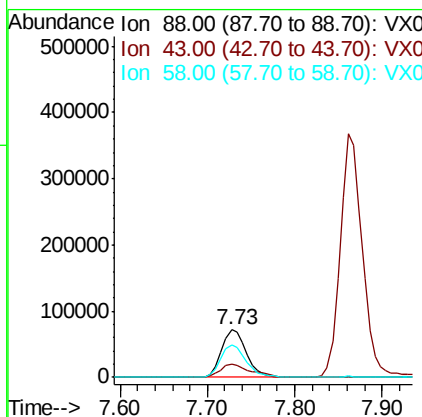
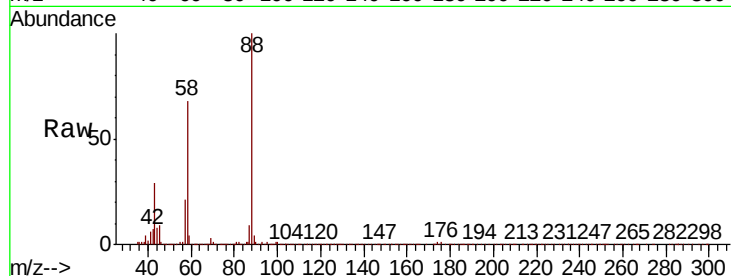
#49
1,4-Dioxane
Concen: 815.144 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.8	38.6
58	71.0	54.6	82.0

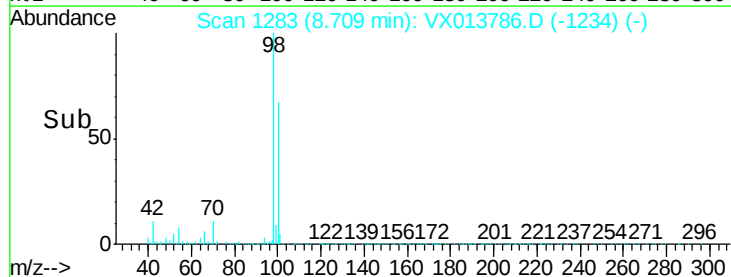
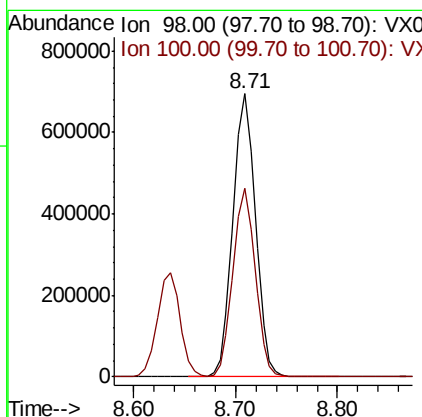
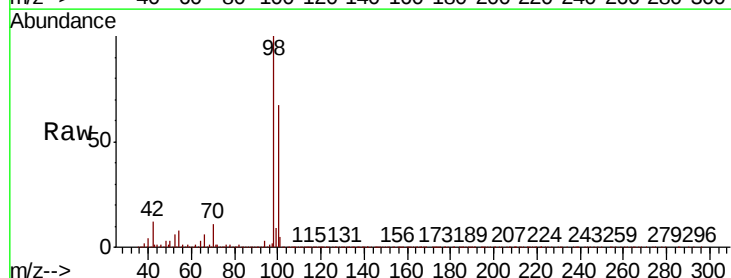
Manual Integrations
APPROVED

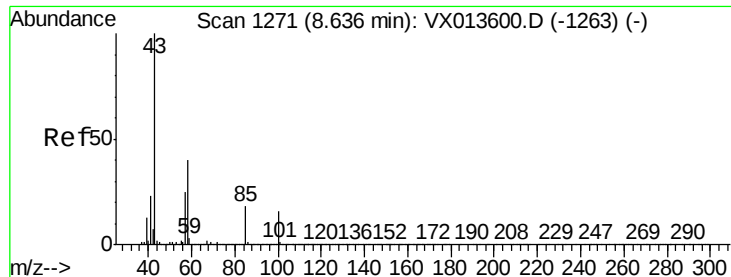
apatel
12/9/2019 9:07:48 AM



#50
Toluene-d8
Concen: 47.046 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 243.085 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2406049

Ion Ratio Lower Upper

43 100

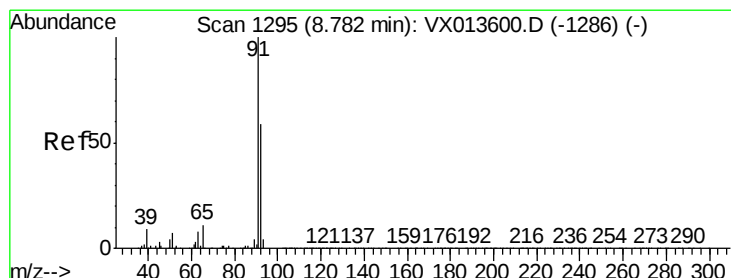
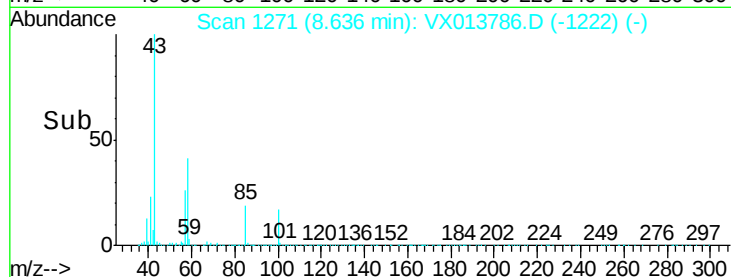
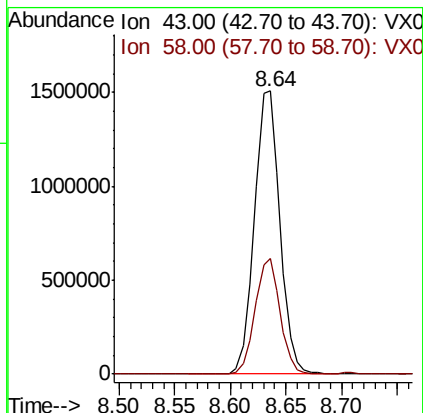
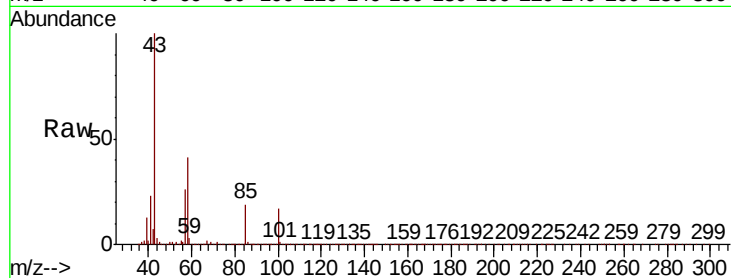
58 39.9 32.1 48.1

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:48 AM



#52

Toluene

Concen: 48.521 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013786.D

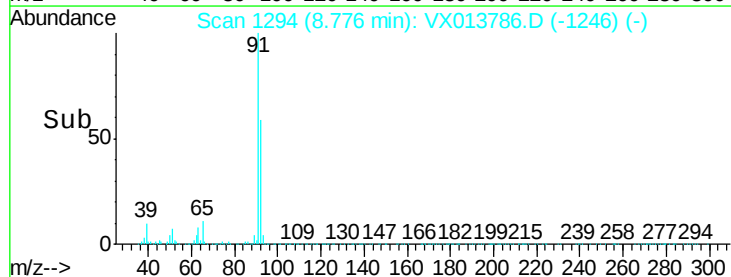
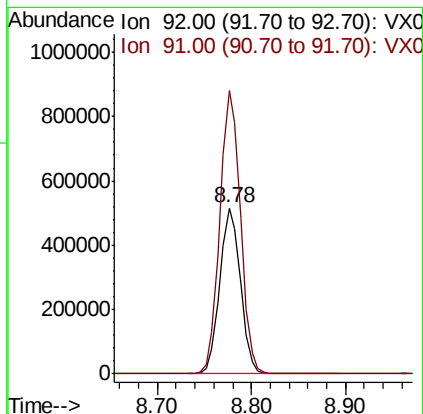
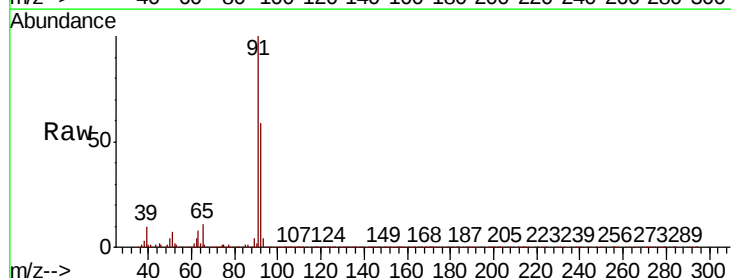
Acq: 06 Dec 2019 09:29

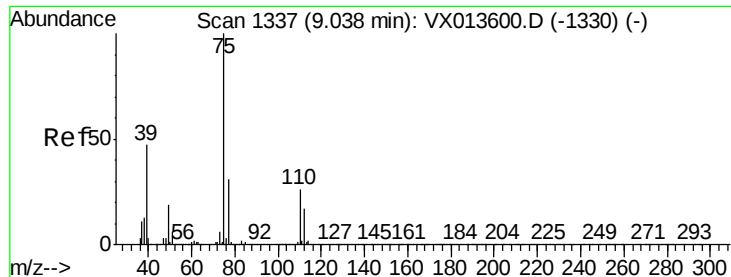
Tgt Ion: 92 Resp: 782177

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2





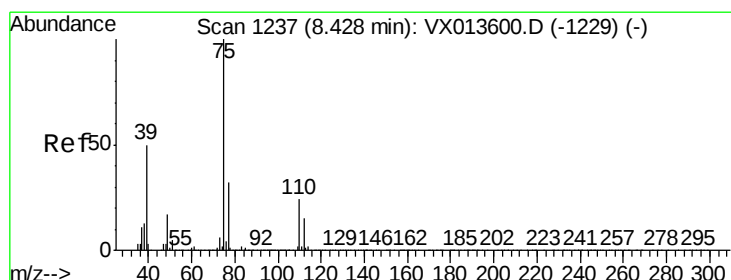
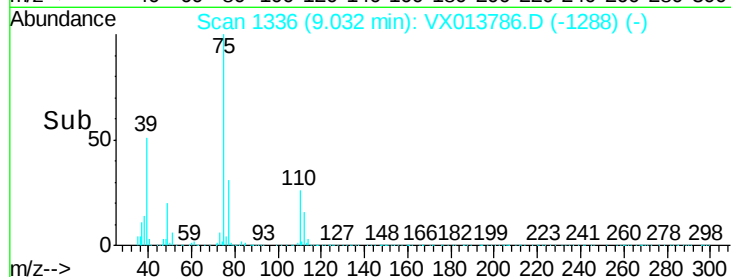
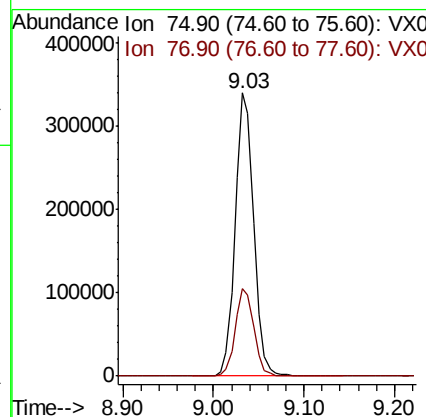
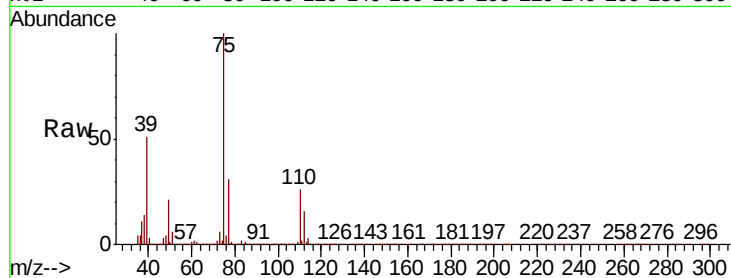
#53
t-1,3-Dichloropropene
Concen: 51.197 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 485762
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6

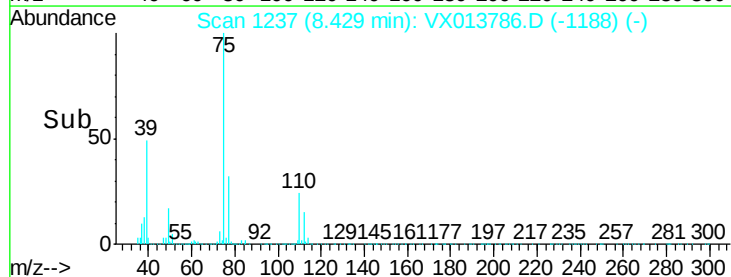
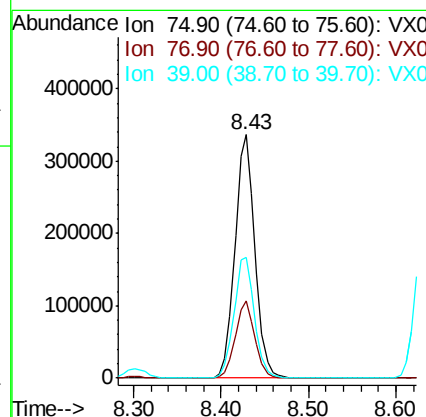
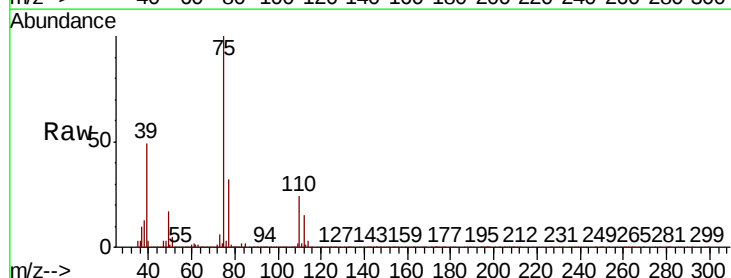
Manual Integrations
APPROVED

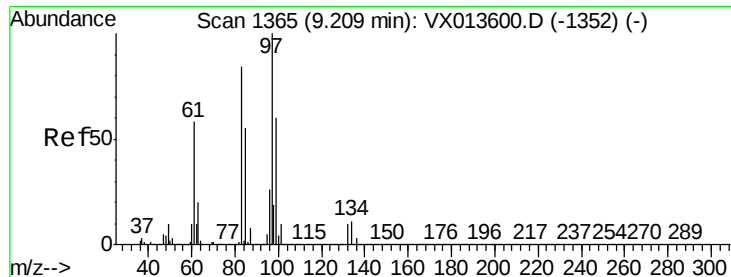
apatel
12/9/2019 9:07:48 AM



#54
cis-1,3-Dichloropropene
Concen: 51.424 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 75 Resp: 533066
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 49.4 39.9 59.9





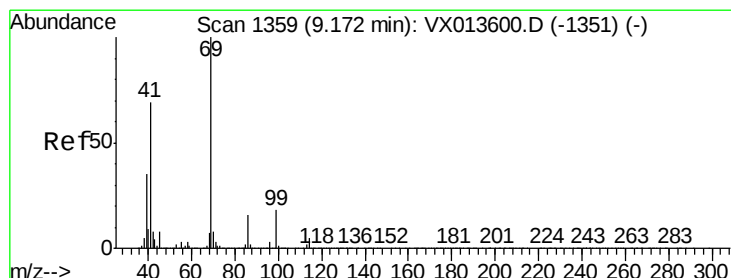
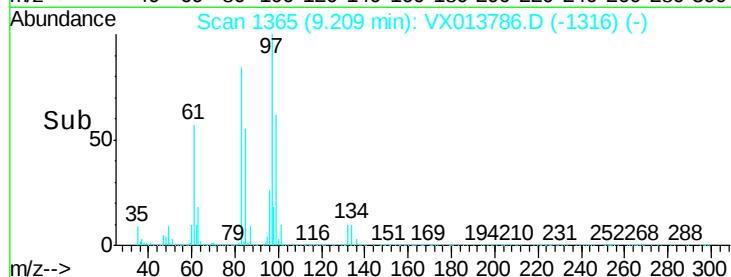
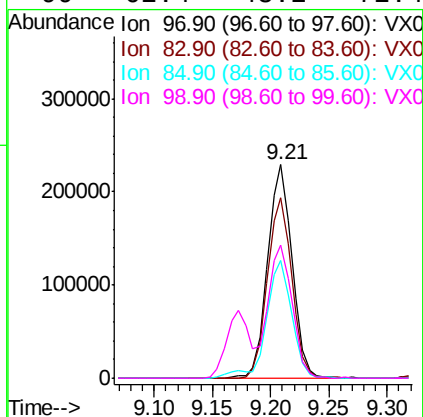
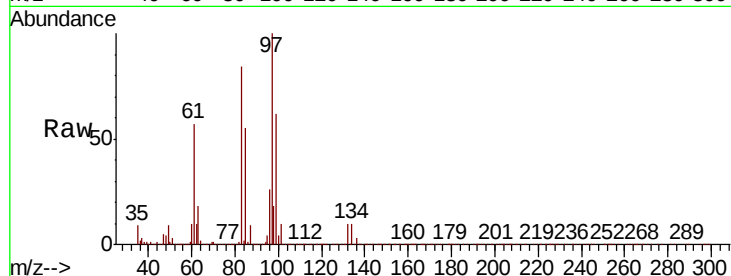
#55
 1,1,2-Trichloroethane
 Concen: 50.754 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		329711		
83	84.2	67.3	100.9		
85	55.1	43.6	65.4		
99	62.4	48.2	72.4		

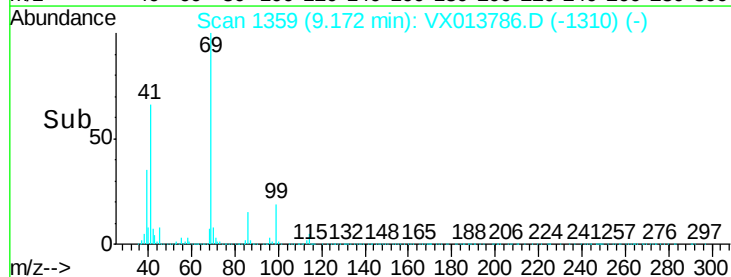
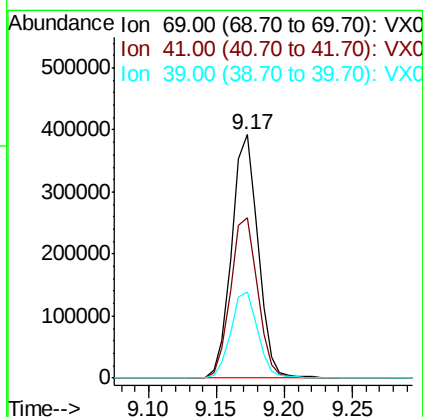
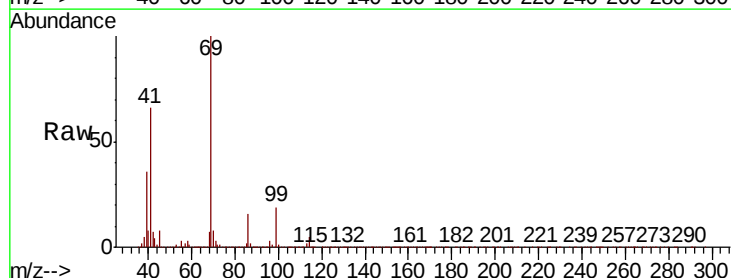
Manual Integrations
 APPROVED

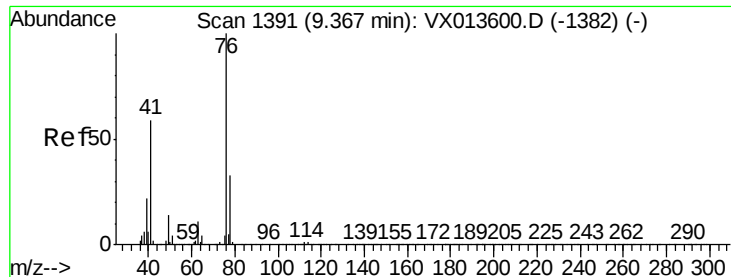
apatel
 12/9/2019 9:07:48 AM



#56
 Ethyl methacrylate
 Concen: 50.932 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		531945		
41	67.5	55.0	82.4		
39	36.1	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.740 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 545762

Ion Ratio Lower Upper

76 100

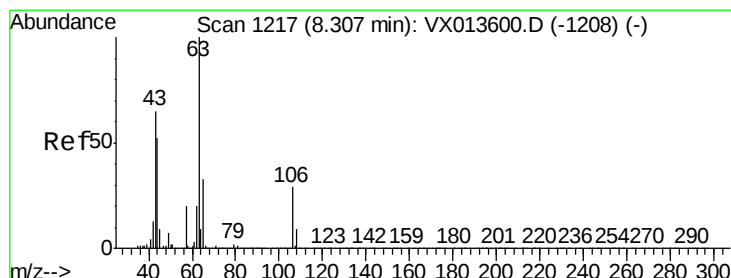
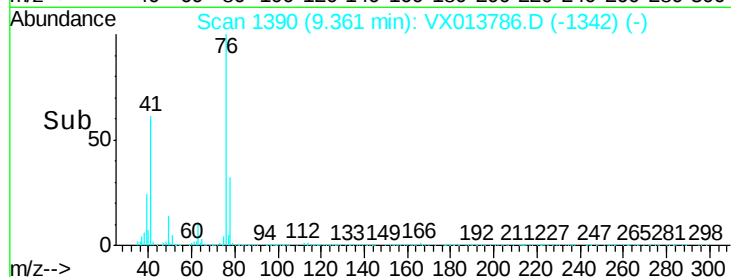
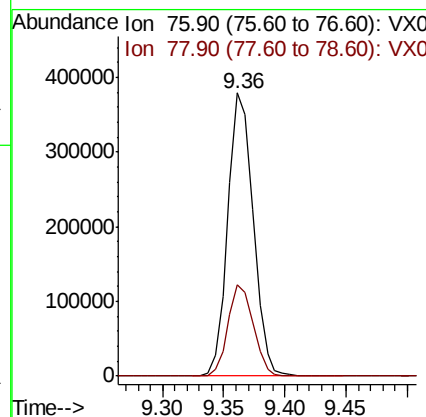
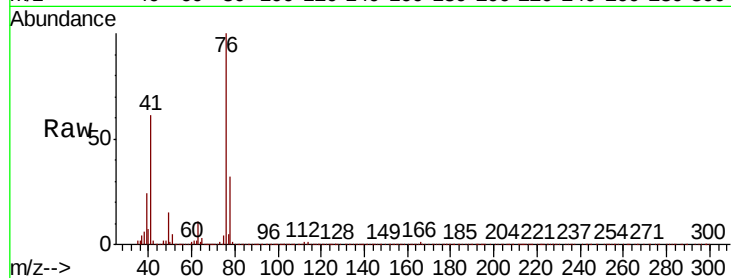
78 32.4 26.0 39.0

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:48 AM



#58

2-Chloroethyl Vinyl ether

Concen: 239.113 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013786.D

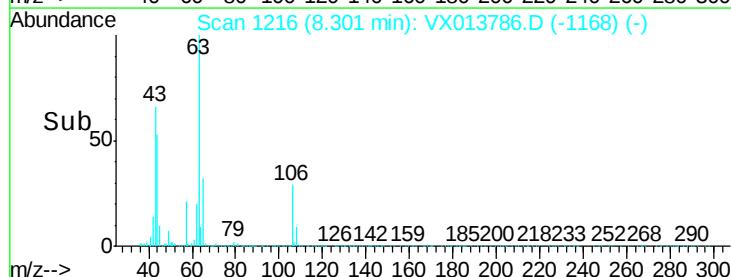
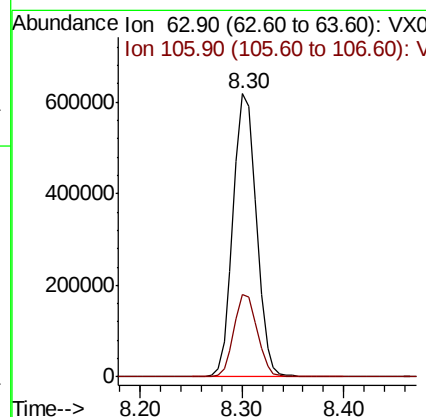
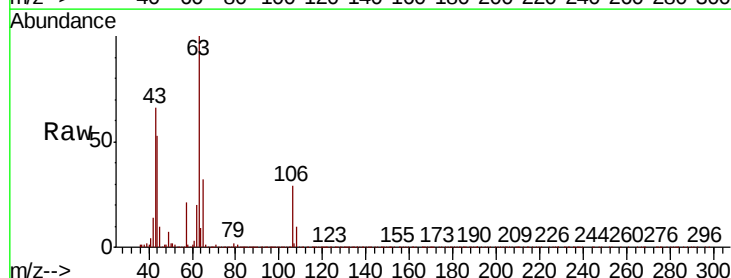
Acq: 06 Dec 2019 09:29

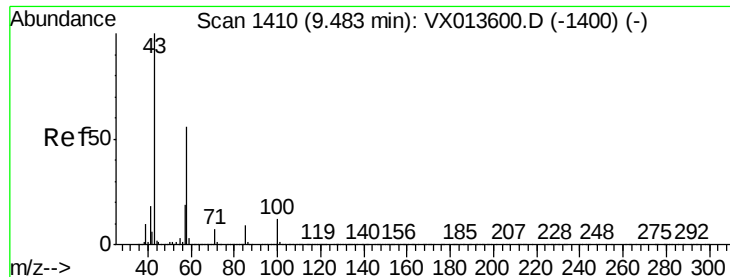
Tgt Ion: 63 Resp: 979149

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





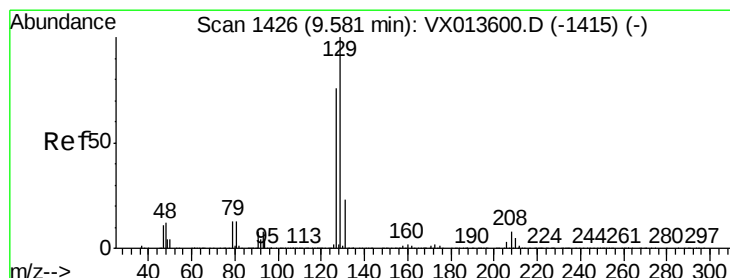
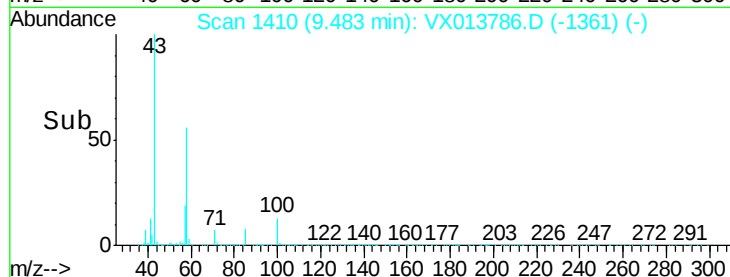
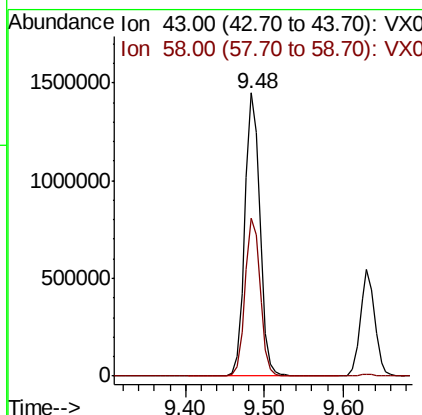
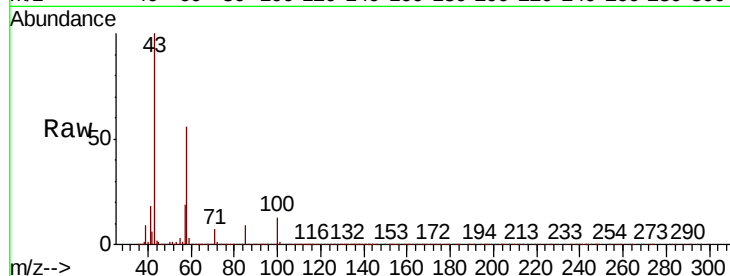
#59
2-Hexanone
Concen: 248.544 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1918683
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.4

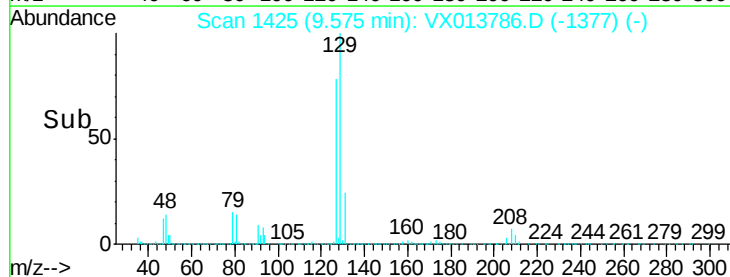
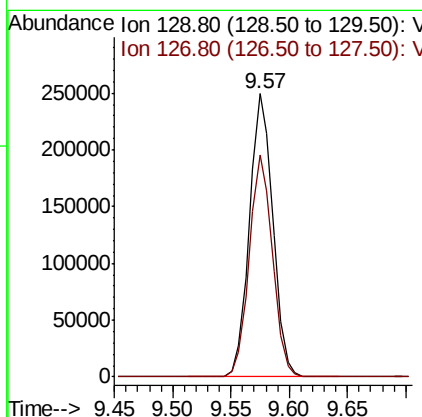
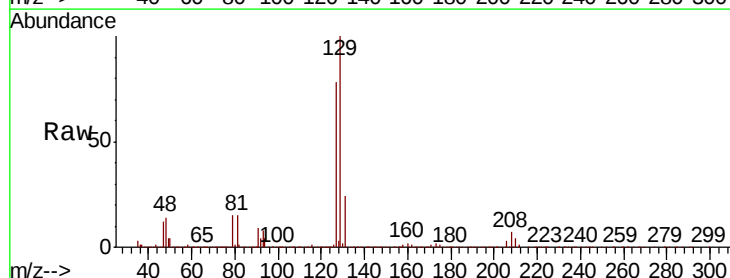
Manual Integrations
APPROVED

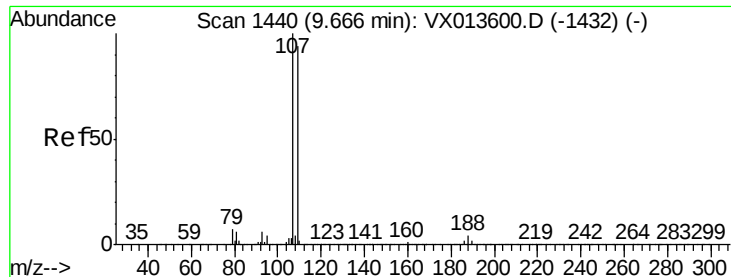
apatel
12/9/2019 9:07:48 AM



#60
Dibromochloromethane
Concen: 51.999 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 129 Resp: 350564
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.489 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 343364

Ion Ratio Lower Upper

107 100

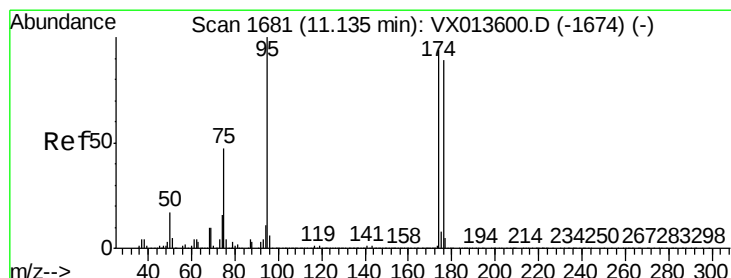
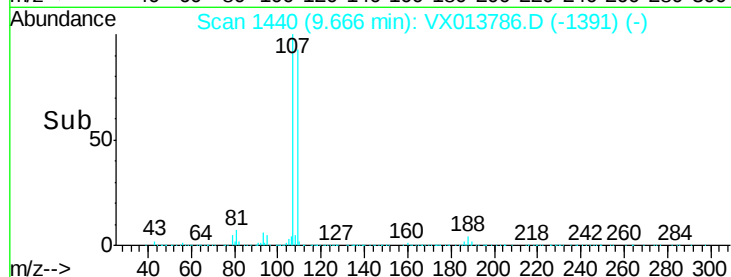
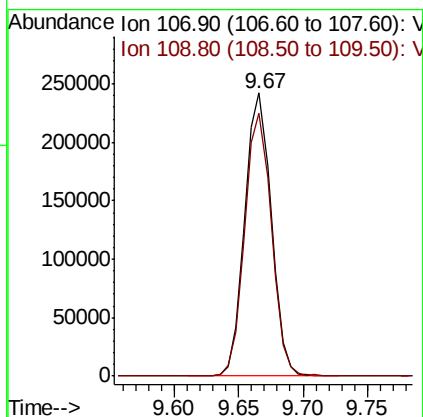
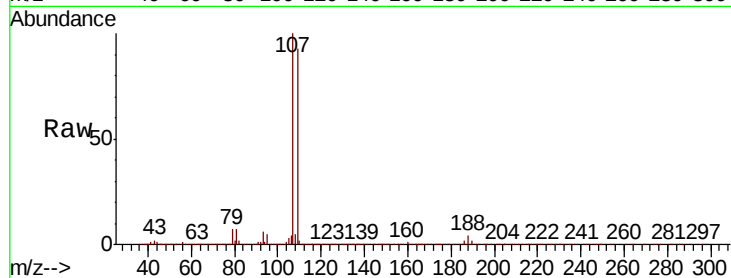
109 93.8 76.1 114.1

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:48 AM



#62

4-Bromofluorobenzene

Concen: 48.942 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

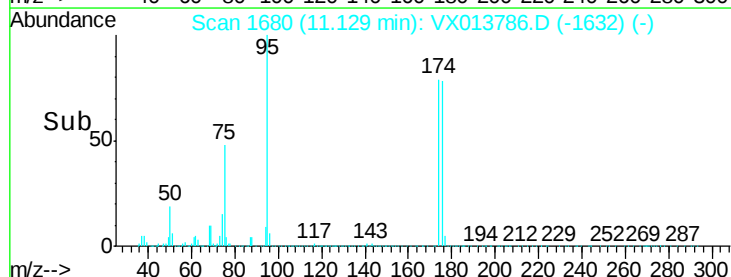
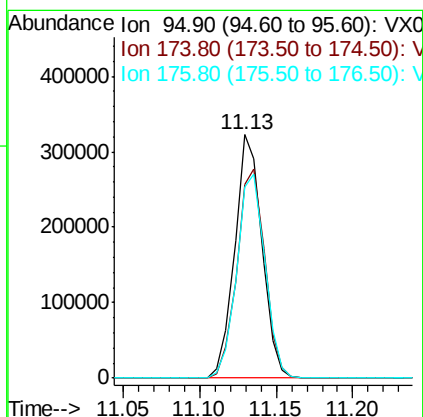
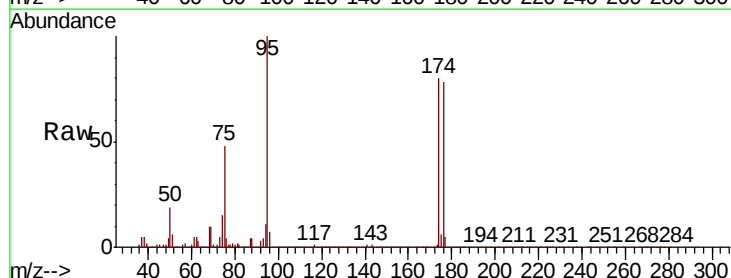
Tgt Ion: 95 Resp: 398972

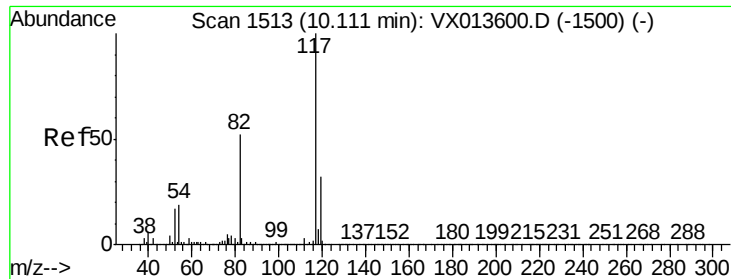
Ion Ratio Lower Upper

95 100

174 88.2 0.0 180.0

176 87.1 0.0 173.6





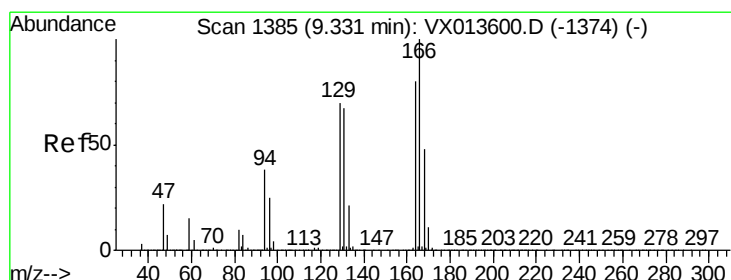
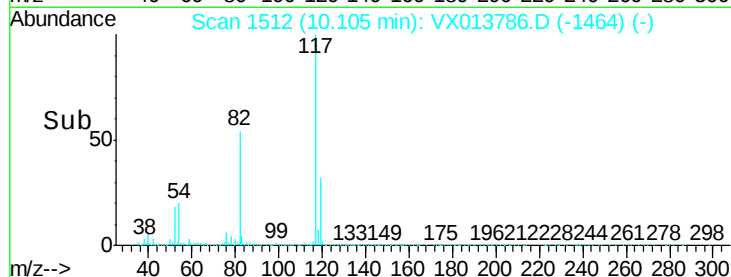
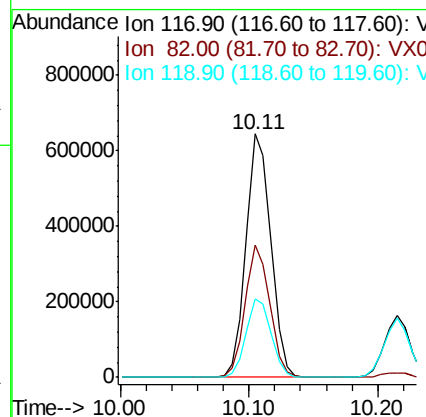
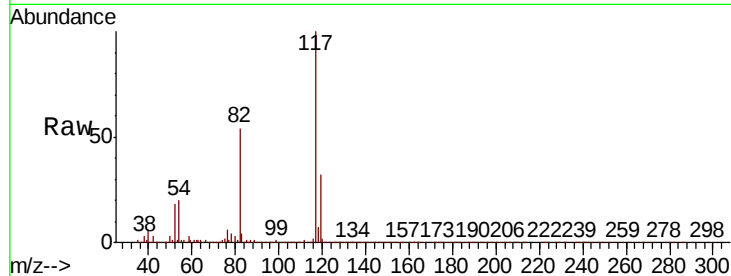
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	856373		
82	54.5		41.8	62.8
119	32.0		25.8	38.8

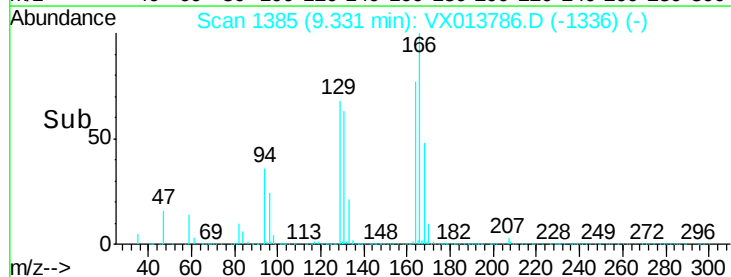
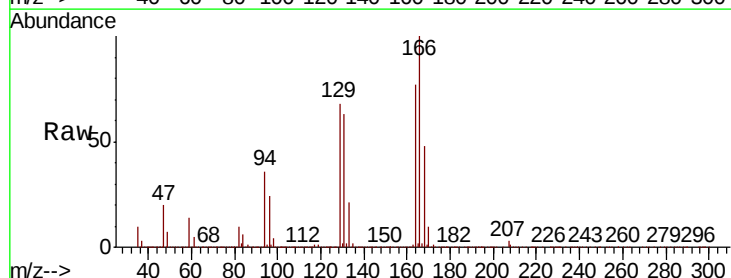
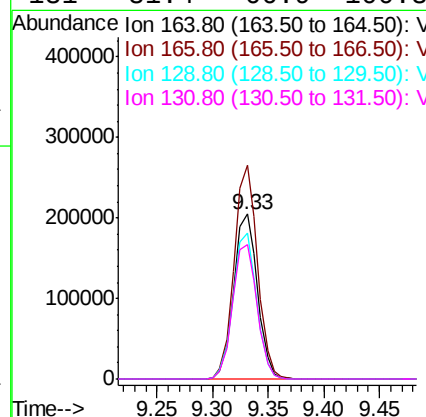
Manual Integrations
APPROVED

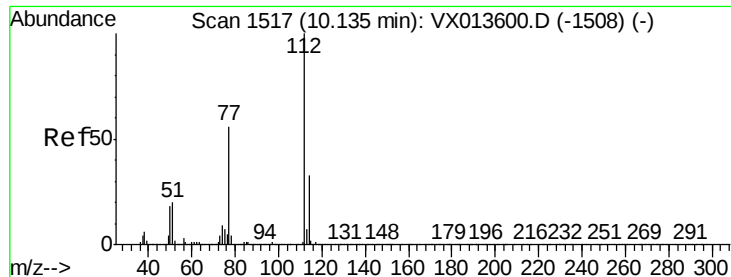
apatel
12/9/2019 9:07:48 AM



#64
Tetrachloroethene
Concen: 47.212 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	301510		
166	129.4		99.7	149.5
129	88.2		70.1	105.1
131	81.4		66.9	100.3





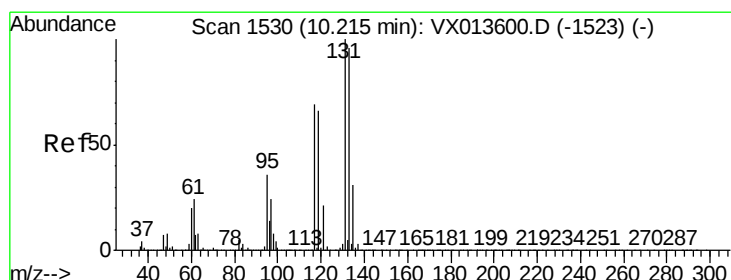
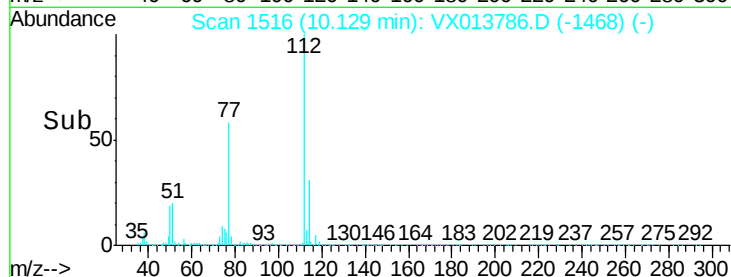
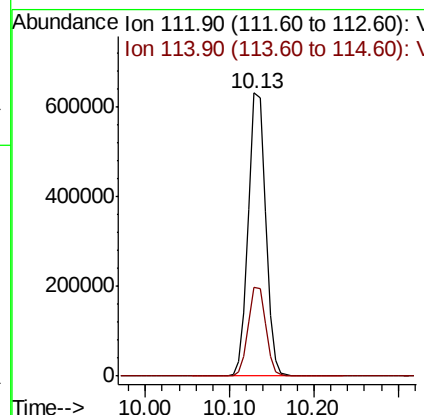
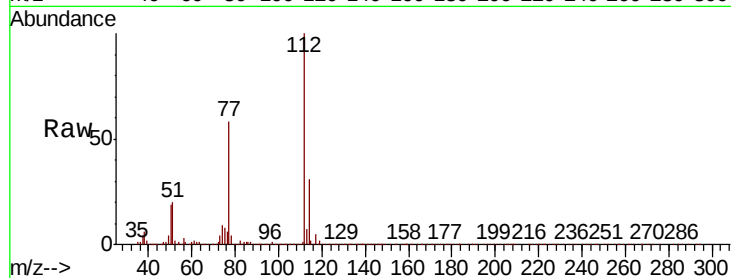
#65
Chlorobenzene
Concen: 48.568 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.1	39.1

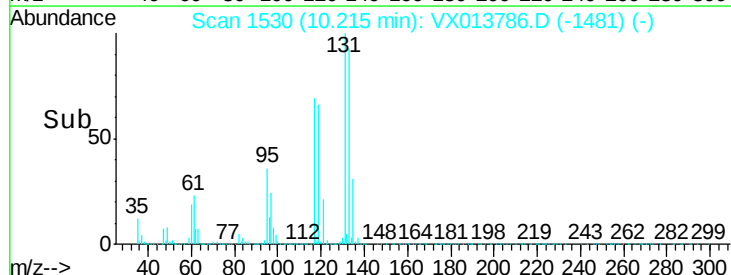
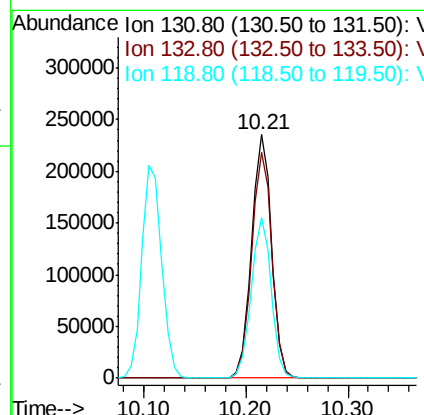
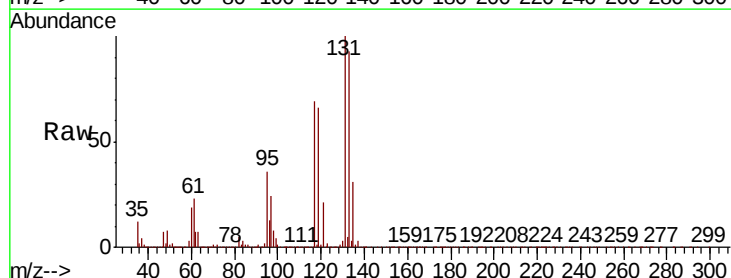
Manual Integrations
APPROVED

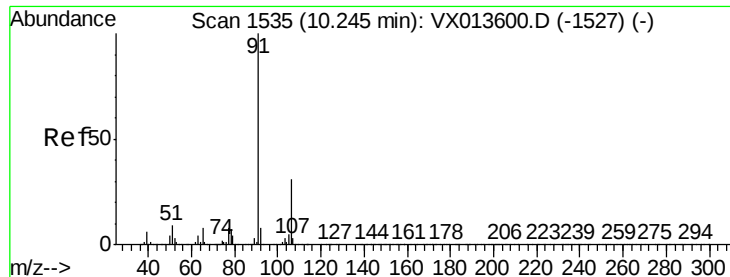
apatel
12/9/2019 9:07:48 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.412 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.7	143.1
119	66.0	32.9	98.6





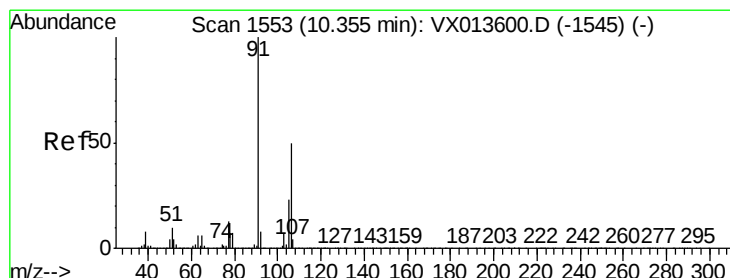
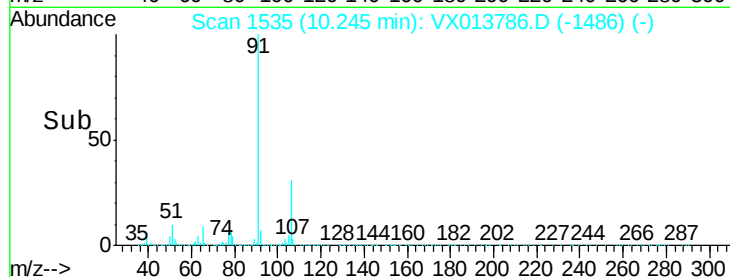
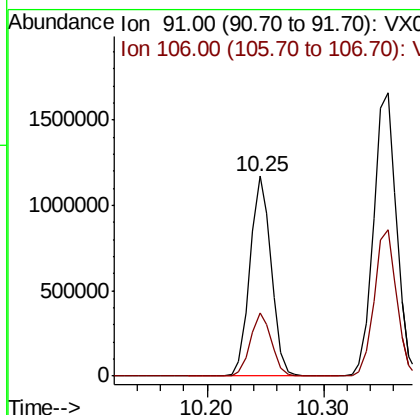
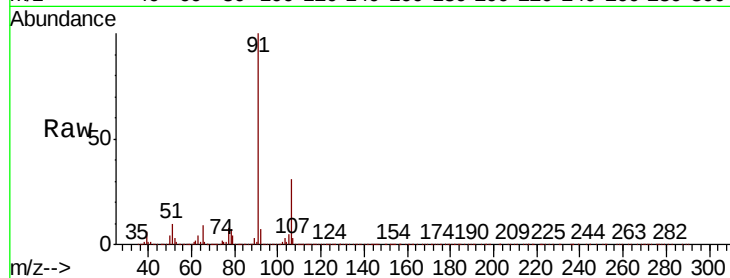
#67
Ethyl Benzene
Concen: 48.916 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1494543
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

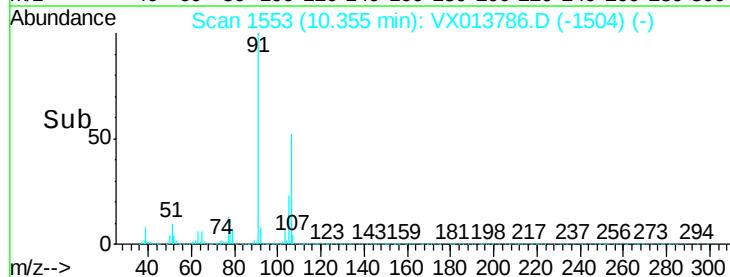
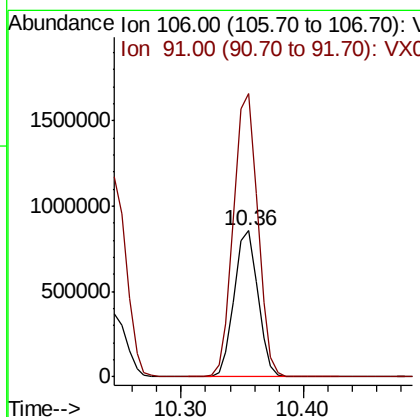
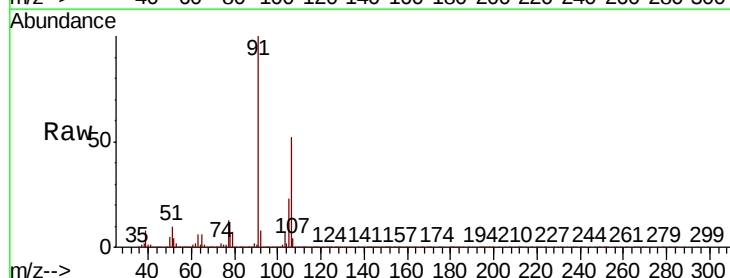
Manual Integrations
APPROVED

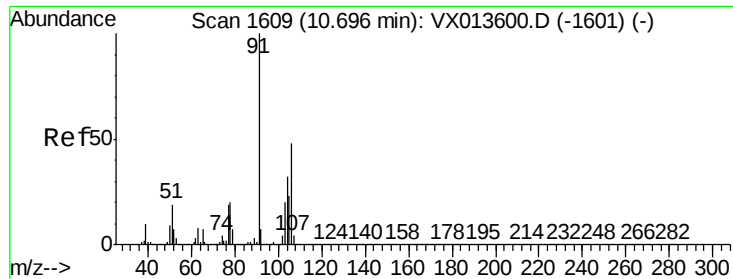
apatel
12/9/2019 9:07:48 AM



#68
m/p-Xylenes
Concen: 98.238 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 106 Resp: 1149126
Ion Ratio Lower Upper
106 100
91 197.3 159.0 238.4





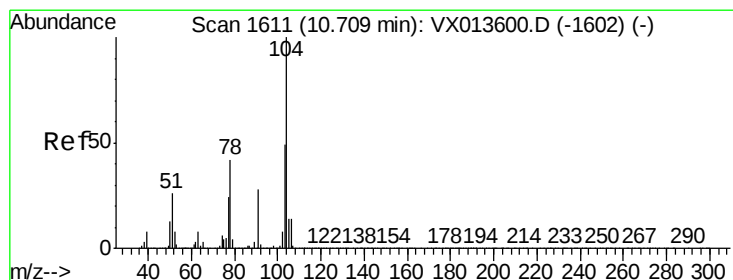
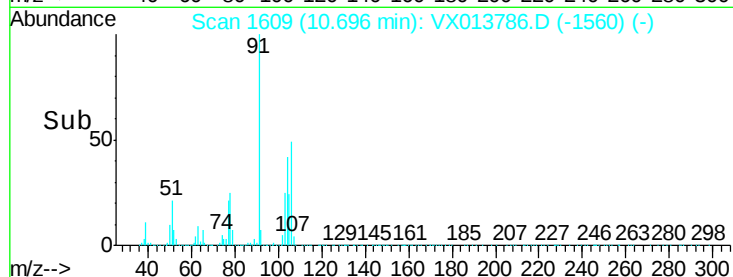
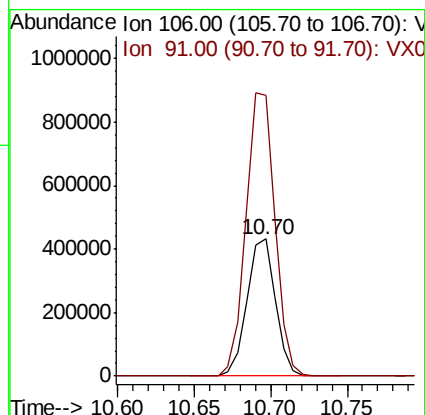
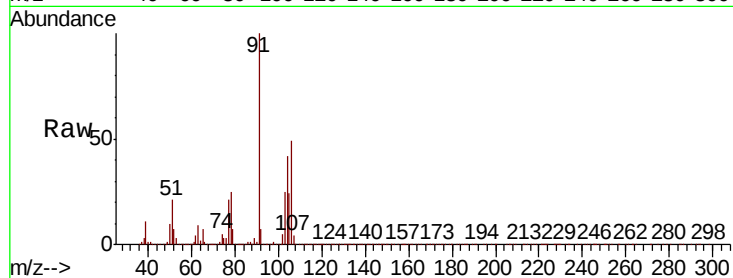
#69
o-Xylene
Concen: 48.984 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.5	104.1	312.2

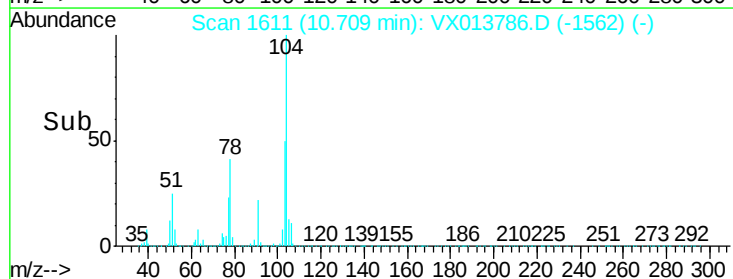
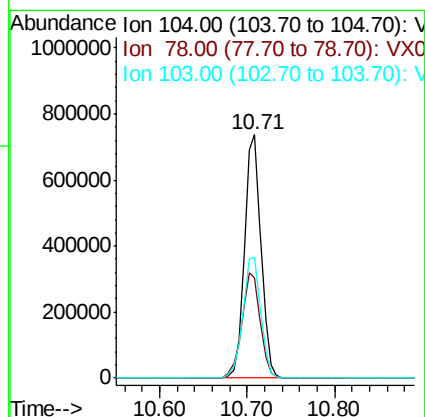
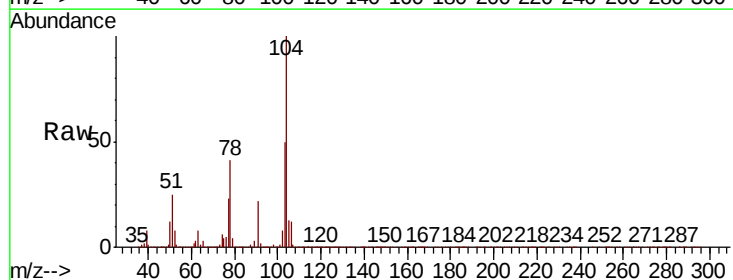
Manual Integrations
APPROVED

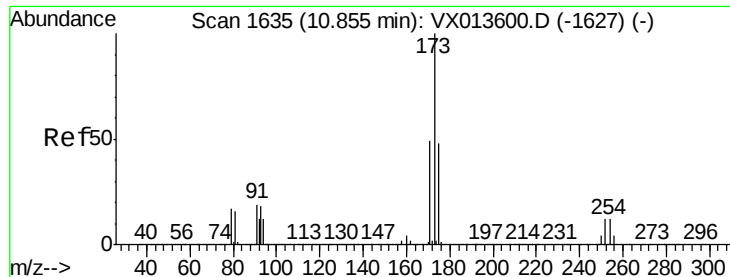
apatel
12/9/2019 9:07:48 AM



#70
Styrene
Concen: 50.484 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.5	57.7
103	54.5	43.7	65.5





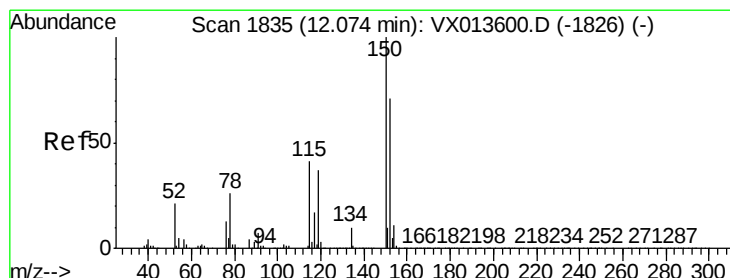
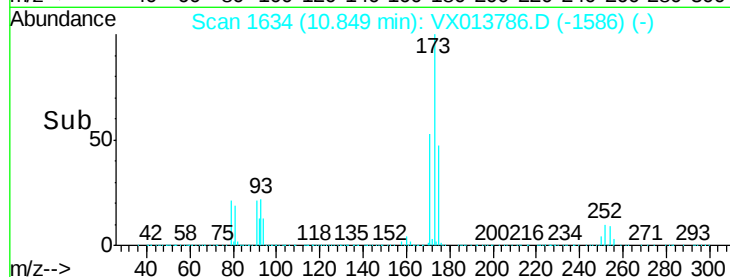
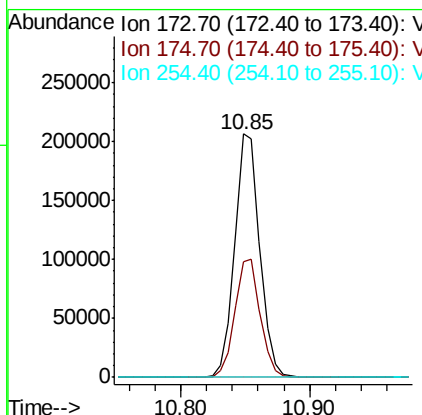
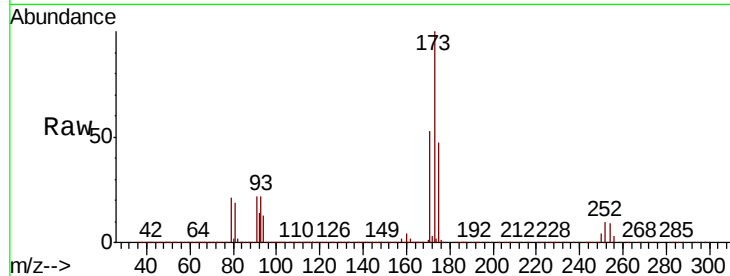
#71
Bromoform
Concen: 52.883 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.8
254	0.2	0.2	0.4

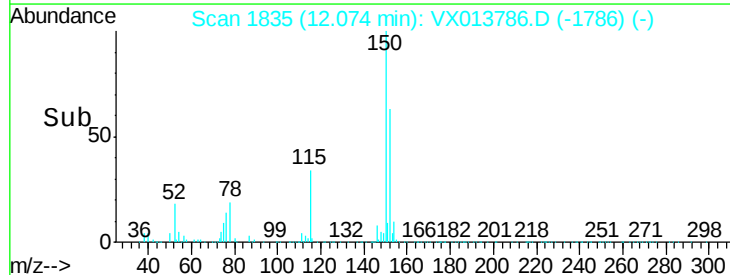
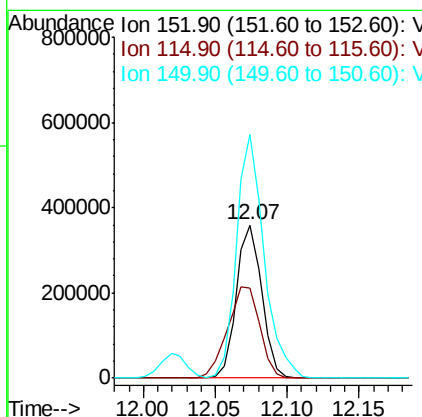
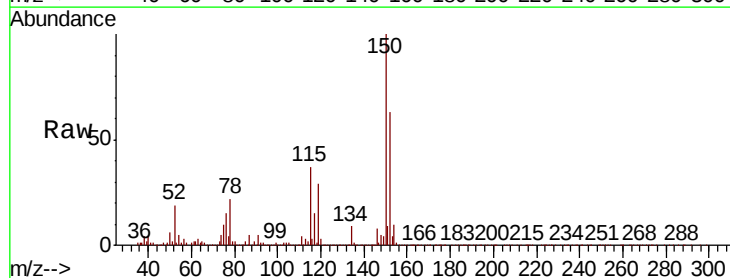
Manual Integrations
APPROVED

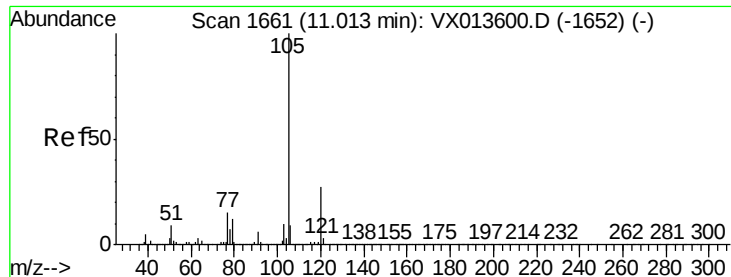
apatel
12/9/2019 9:07:48 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.7	38.4	115.1
150	171.9	0.0	346.8





#73

Isopropylbenzene

Concen: 47.753 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1483794

Ion Ratio Lower Upper

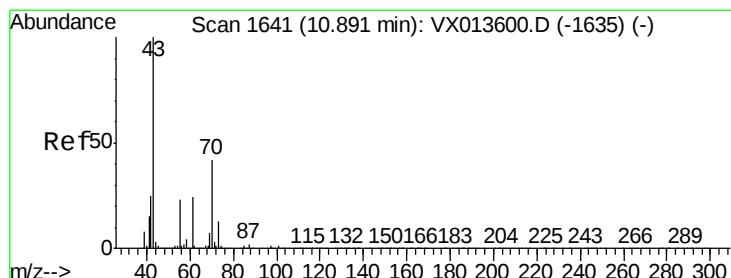
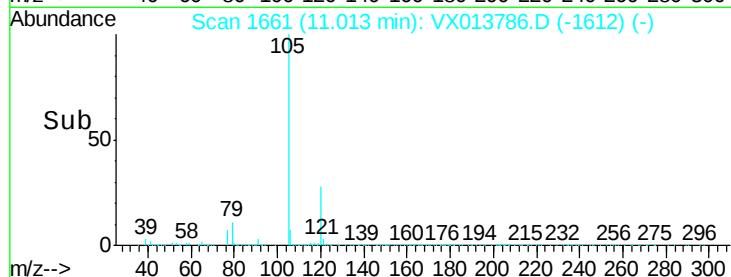
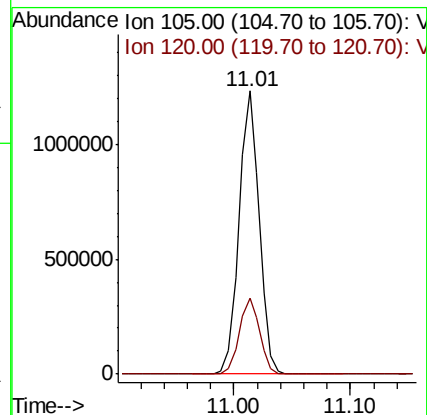
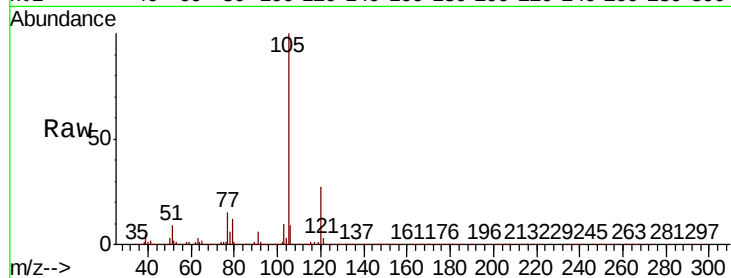
105 100

120 27.1 13.5 40.5

Manual Integrations
APPROVED

apatel

12/9/2019 9:07:48 AM



#74

N-ethyl acetate

Concen: 48.984 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion: 43 Resp: 697226

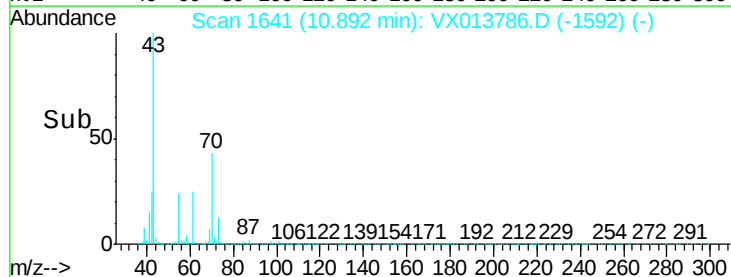
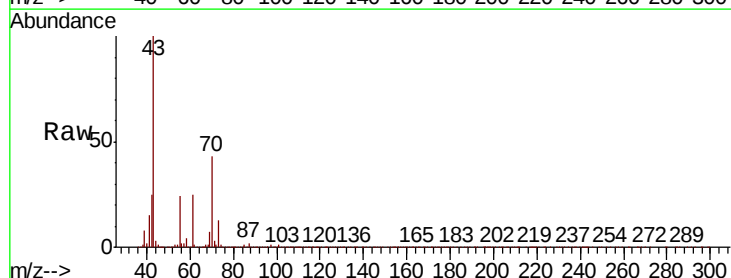
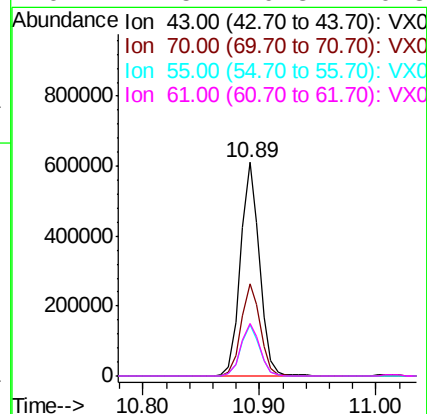
Ion Ratio Lower Upper

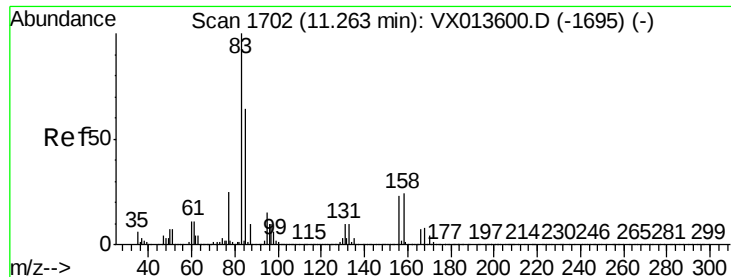
43 100

70 43.3 34.3 51.5

55 23.9 18.5 27.7

61 24.5 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.159 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

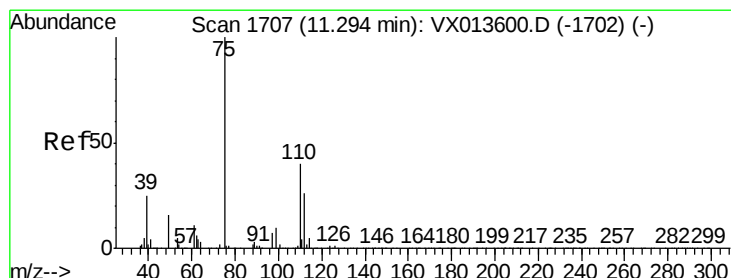
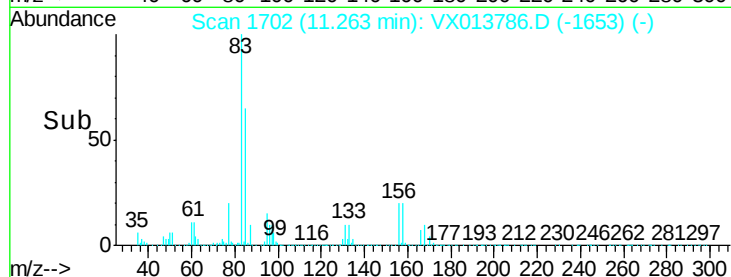
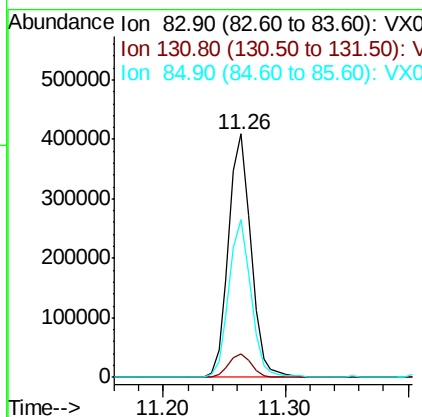
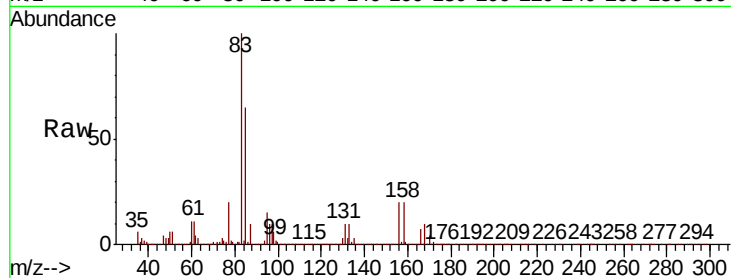
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	518943
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.9	31.8	95.3

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#76

1,2,3-Trichloropropane

Concen: 42.246 ug/l m

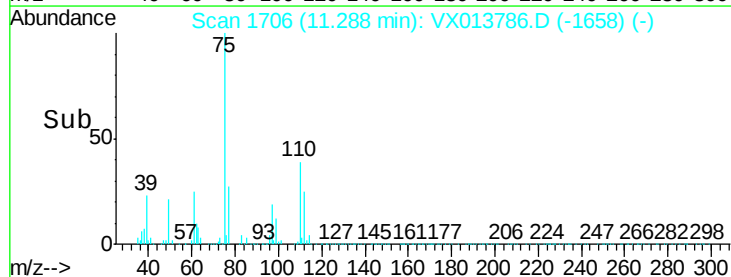
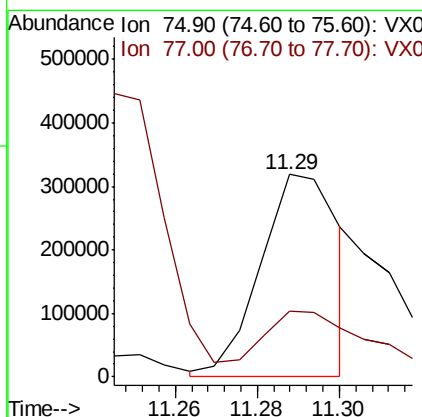
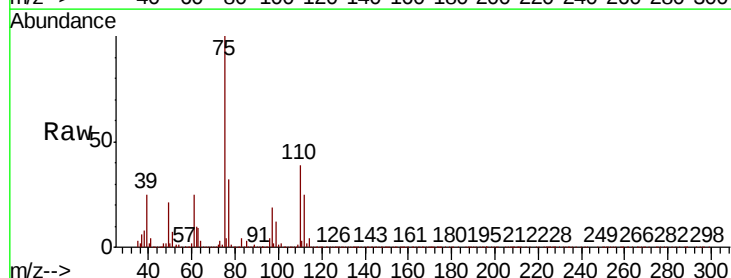
RT: 11.29 min Scan# 1706

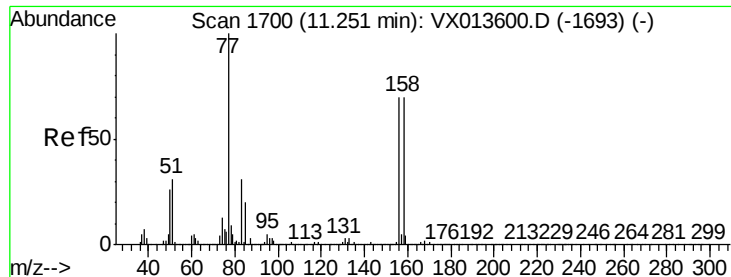
Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	75	Resp:	420895
Ion Ratio	Lower	Upper	
75	100		
77	45.5	19.1	57.5





#77

Bromobenzene

Concen: 46.864 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

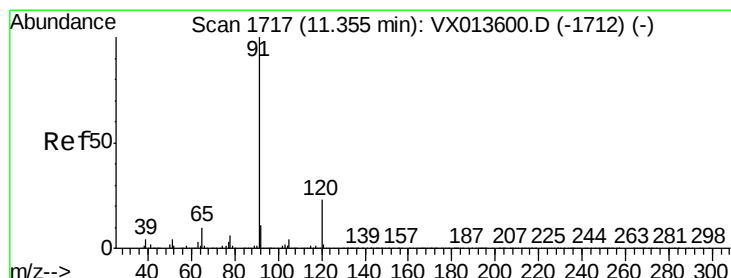
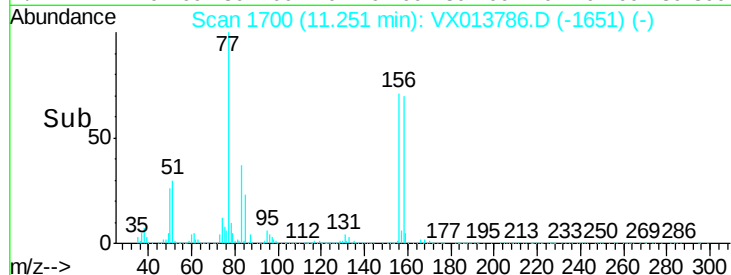
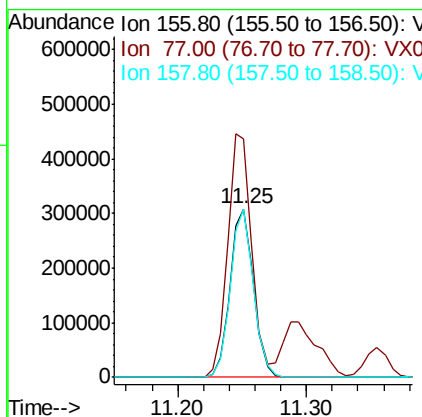
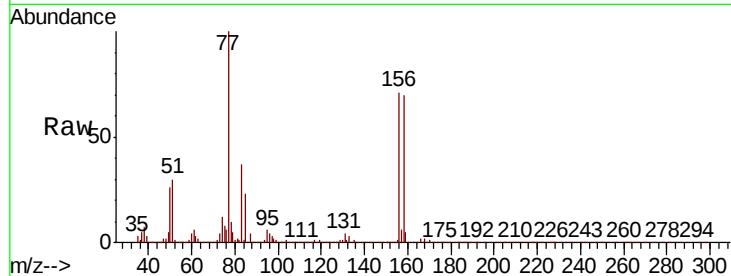
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	393387
Ion Ratio	Lower	Upper	
156	100		
77	147.6	74.4	223.1
158	98.1	48.9	146.6

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#78

n-propylbenzene

Concen: 48.704 ug/l

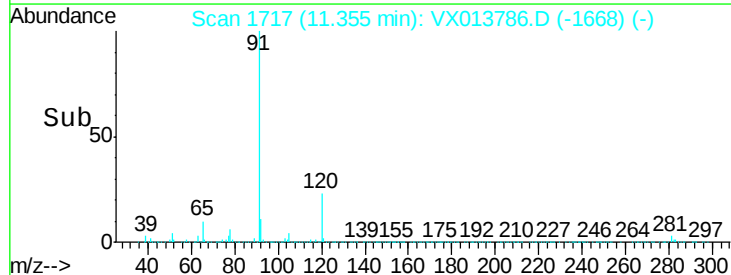
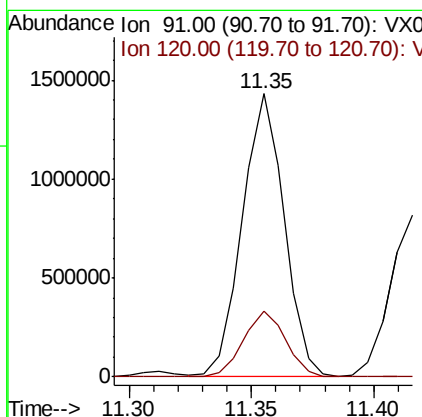
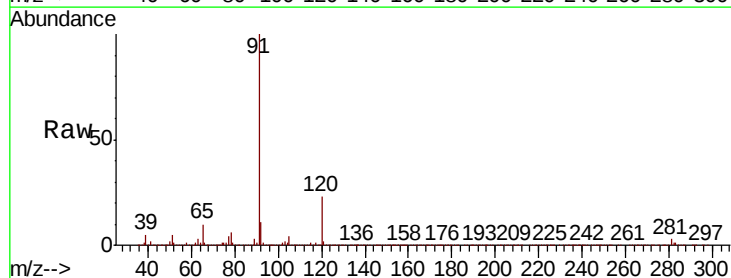
RT: 11.35 min Scan# 1717

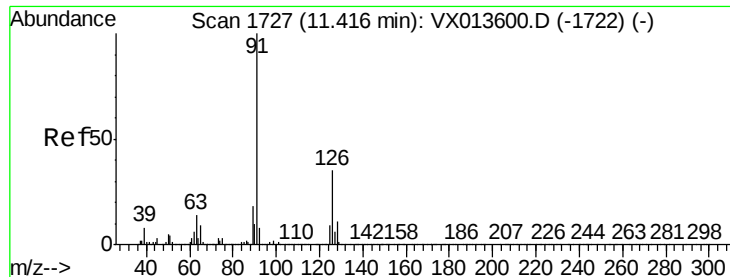
Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	91	Resp:	1689375
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 47.810 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 994788

Ion Ratio Lower Upper

91 100

126 34.9

17.5

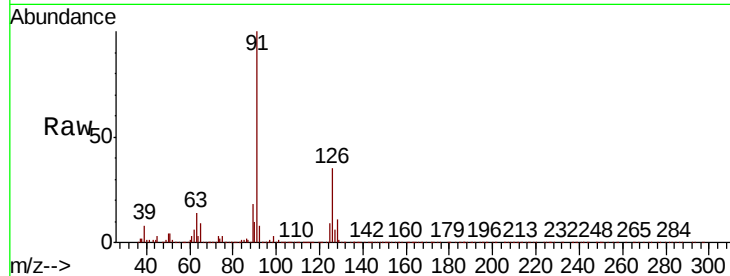
52.5

Manual Integrations

APPROVED

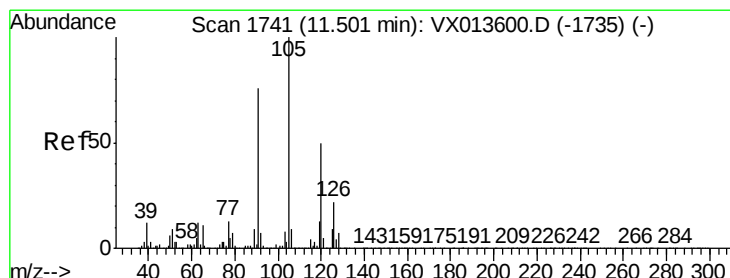
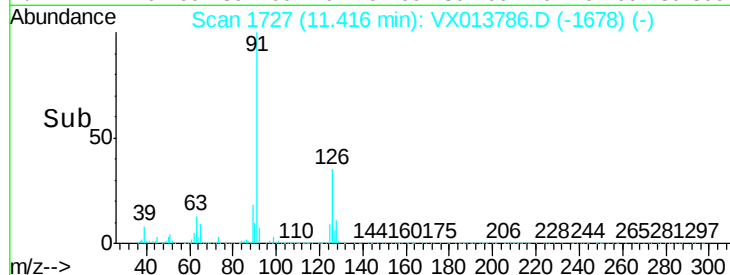
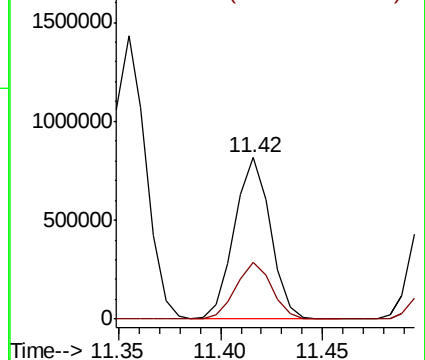
apatel

12/9/2019 9:07:48 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.049 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion: 105 Resp: 1249109

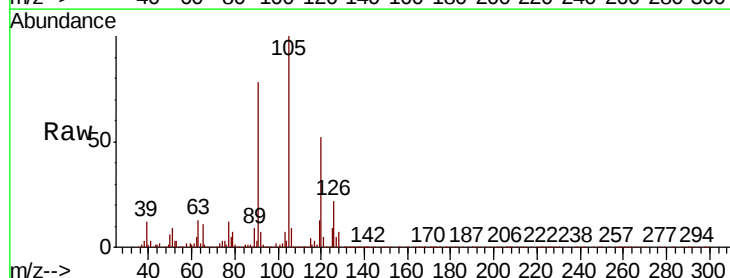
Ion Ratio Lower Upper

105 100

120 50.9

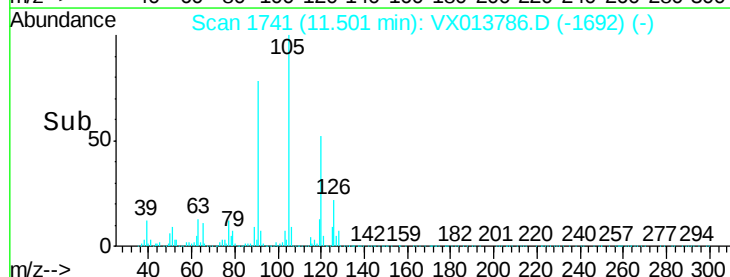
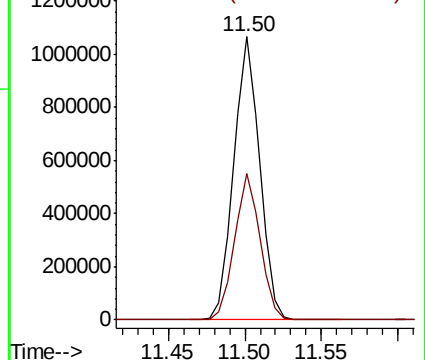
25.3

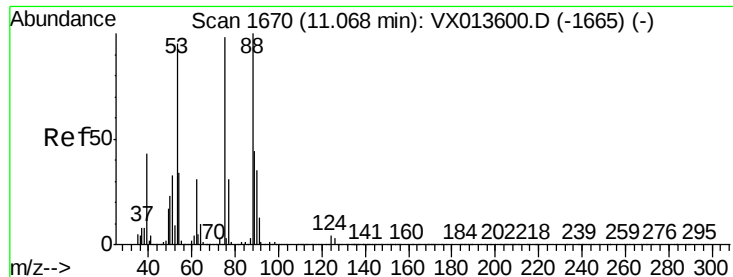
75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





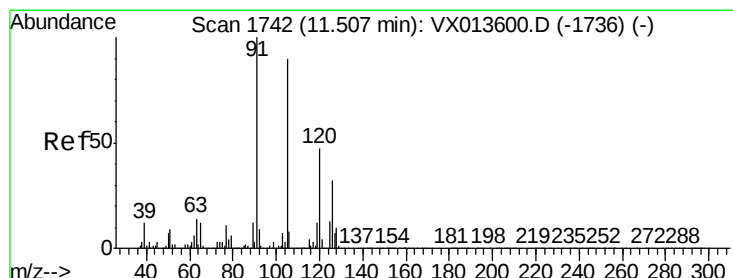
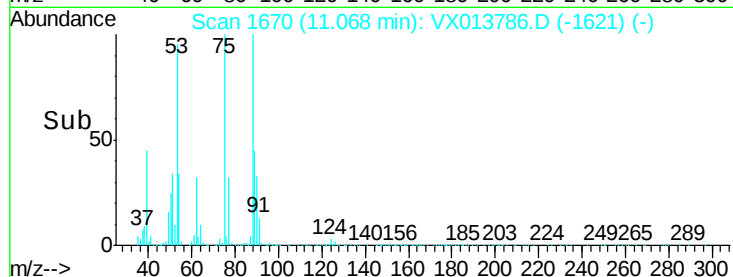
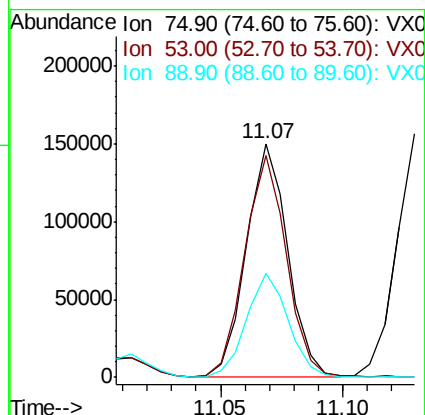
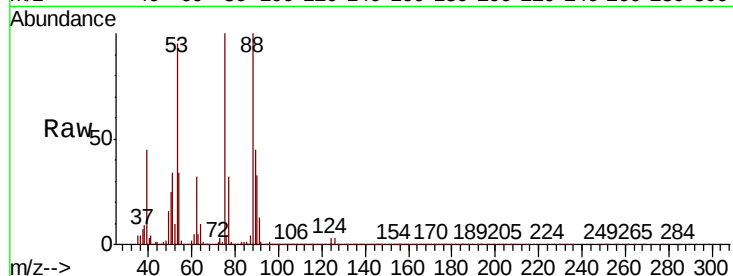
#81
trans-1,4-Dichloro-2-butene
Concen: 48.328 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	78.2	117.2
89	45.2	35.4	53.2

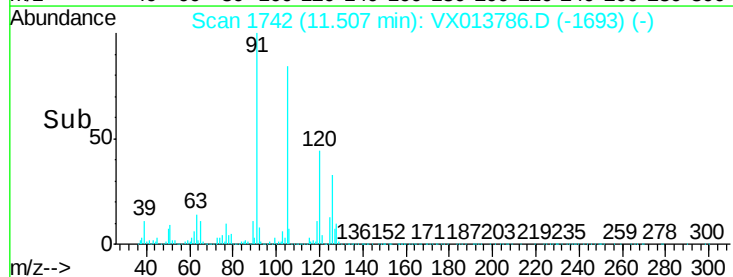
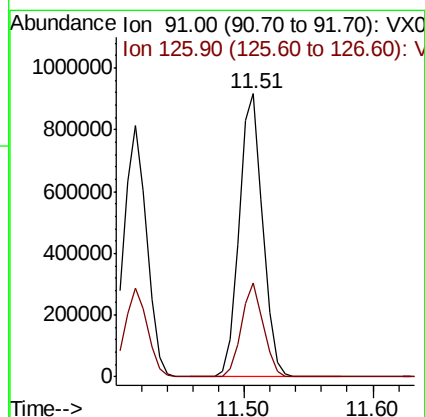
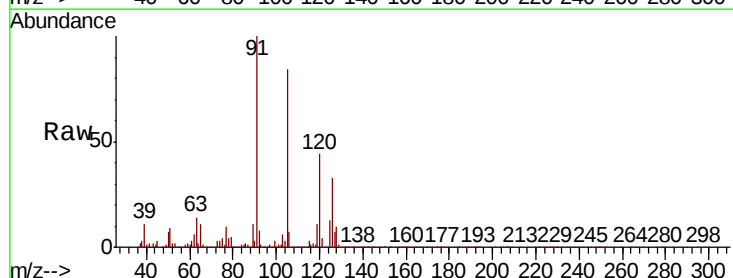
Manual Integrations
APPROVED

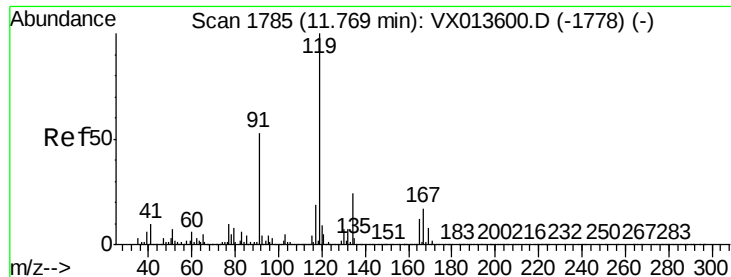
apatel
12/9/2019 9:07:48 AM



#82
4-Chlorotoluene
Concen: 47.970 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.0





#83

tert-Butylbenzene

Concen: 48.972 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Instrument :

MSVOA_X

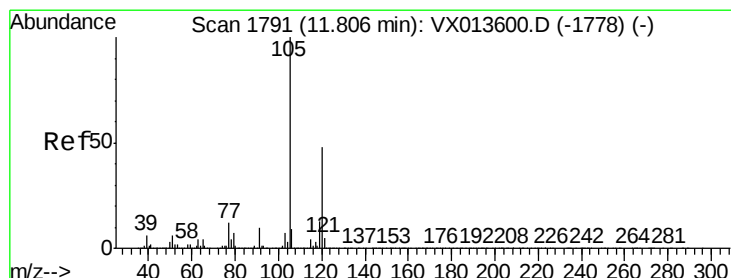
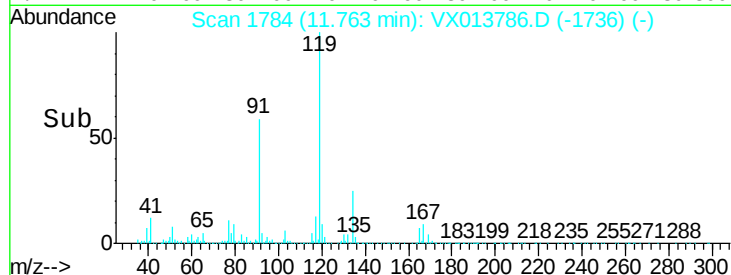
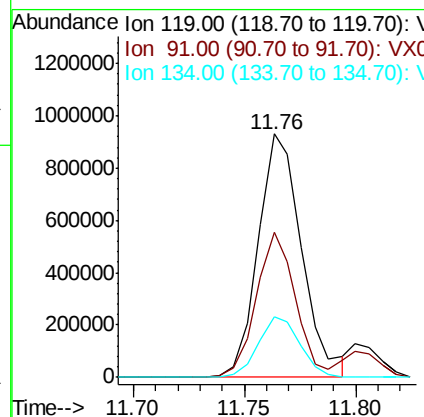
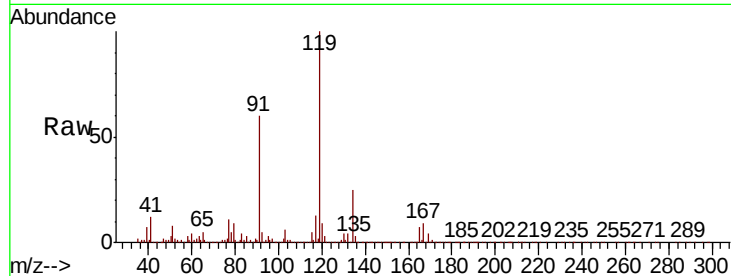
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1267453
Ion	Ratio	Lower	Upper
119	100		
91	53.6	27.2	81.6
134	23.6	11.7	35.1

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#84

1,2,4-Trimethylbenzene

Concen: 48.543 ug/l

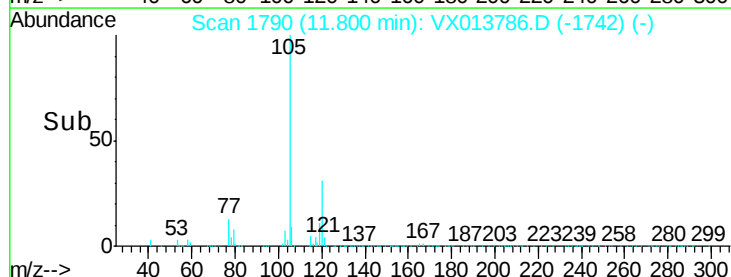
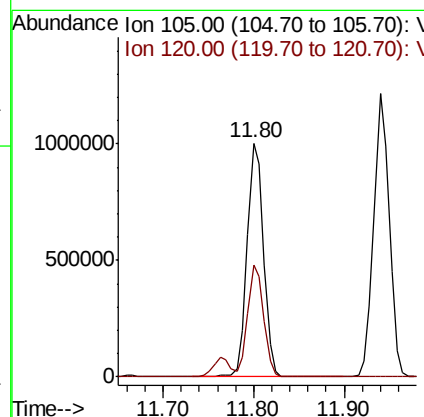
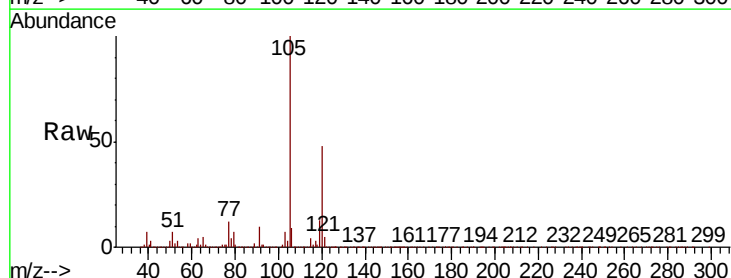
RT: 11.80 min Scan# 1790

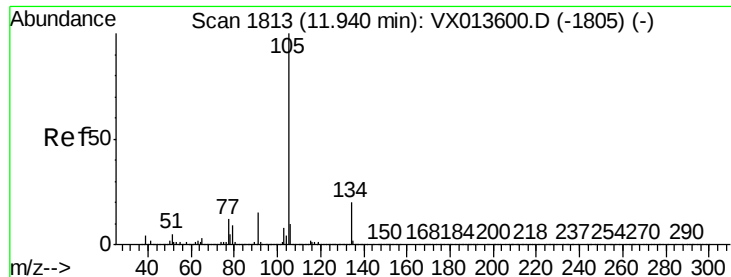
Delta R.T. -0.01 min

Lab File: VX013786.D

Acq: 06 Dec 2019 09:29

Tgt Ion:	105	Resp:	1254631
Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





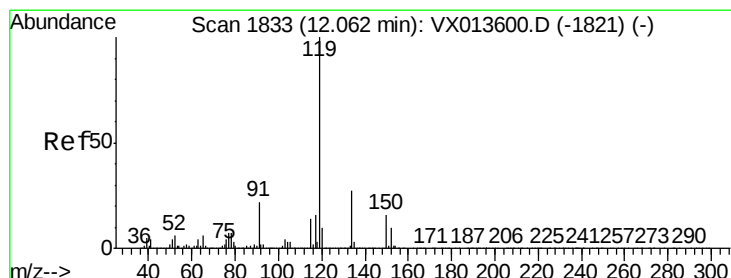
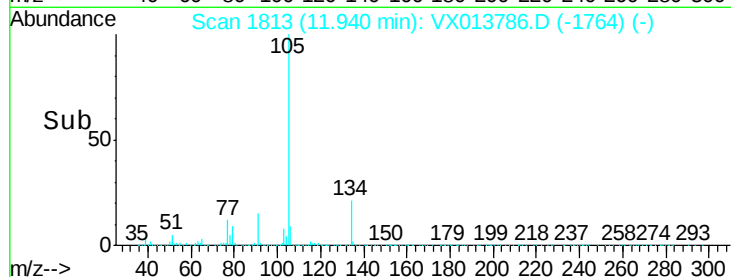
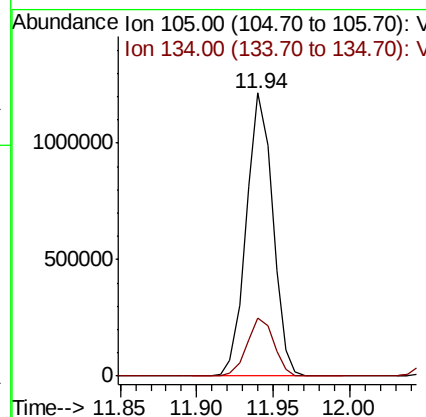
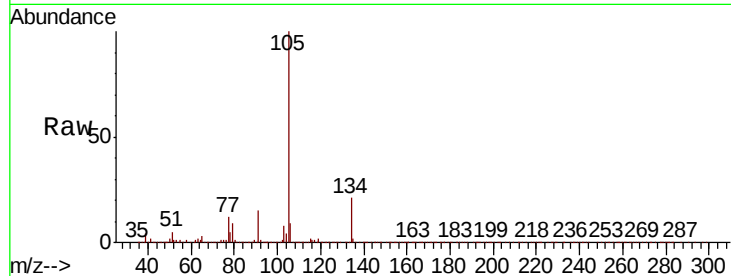
#85
 sec-Butylbenzene
 Concen: 49.357 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1459116
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2

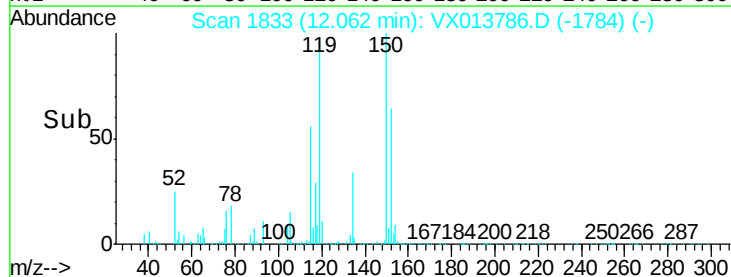
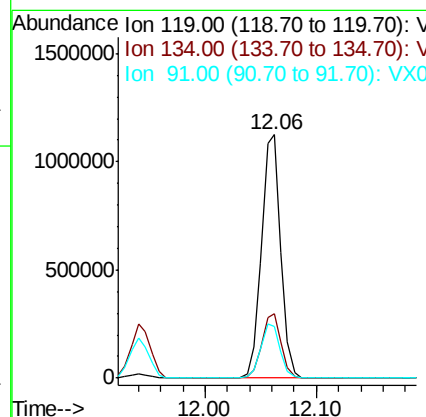
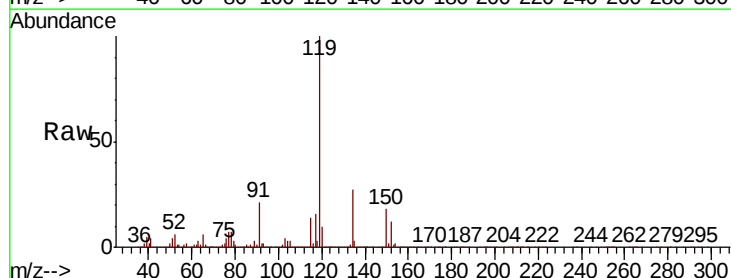
Manual Integrations
 APPROVED

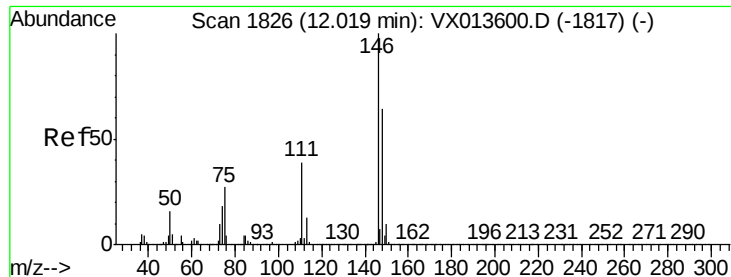
apatel
 12/9/2019 9:07:48 AM



#86
 p-Isopropyltoluene
 Concen: 49.140 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion:119 Resp: 1351430
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.3 11.3 33.8





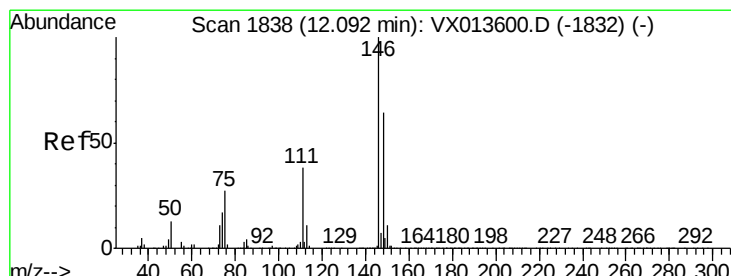
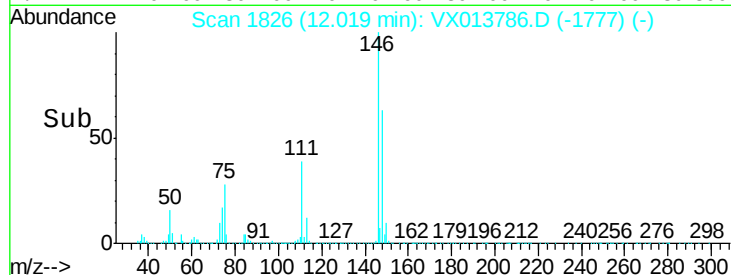
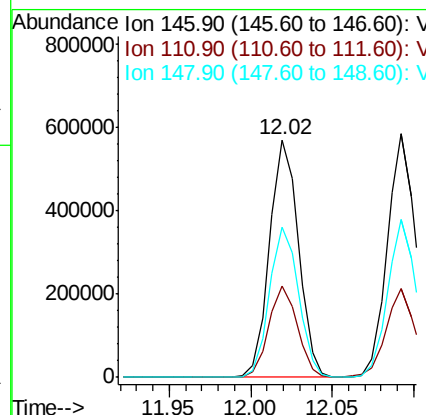
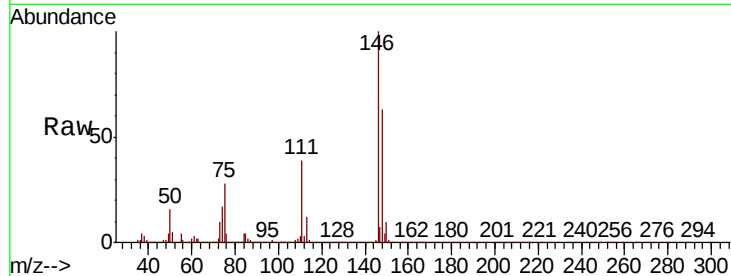
#87
 1,3-Dichlorobenzene
 Concen: 47.606 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.7	31.8	95.4

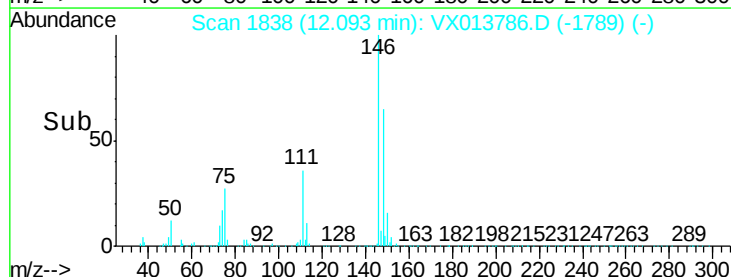
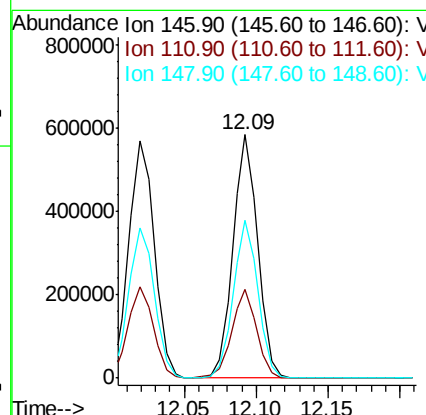
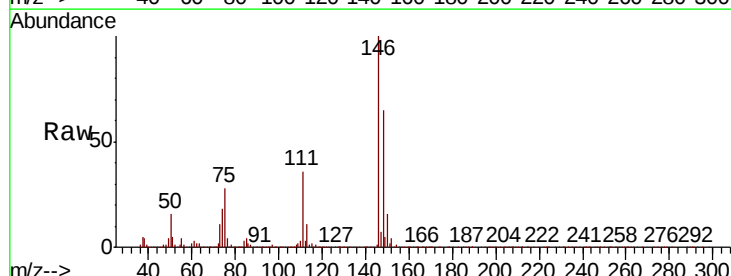
Manual Integrations
 APPROVED

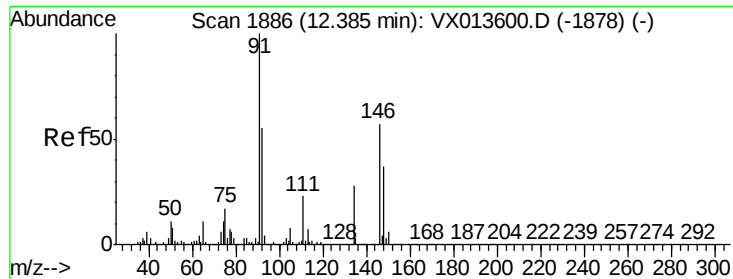
apatel
 12/9/2019 9:07:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.284 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.9
148	64.6	31.9	95.5





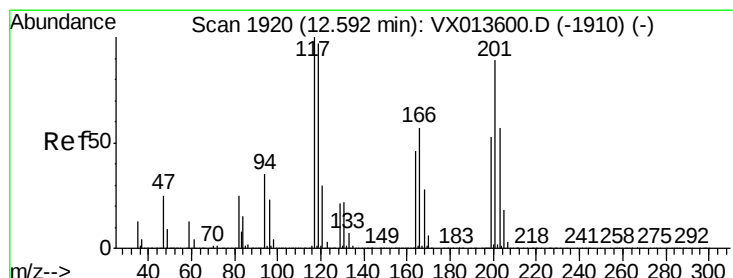
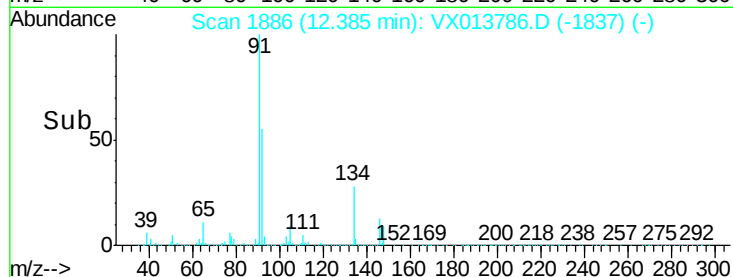
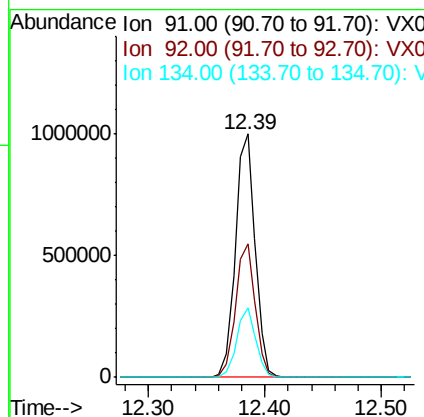
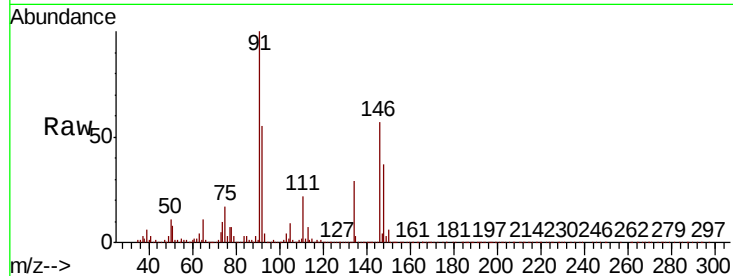
#89
n-Butylbenzene
Concen: 50.210 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1177740
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 27.4 13.5 40.4

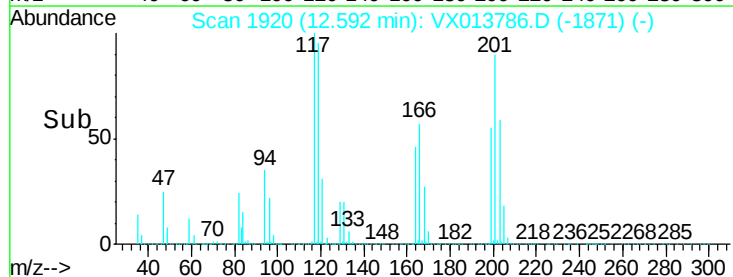
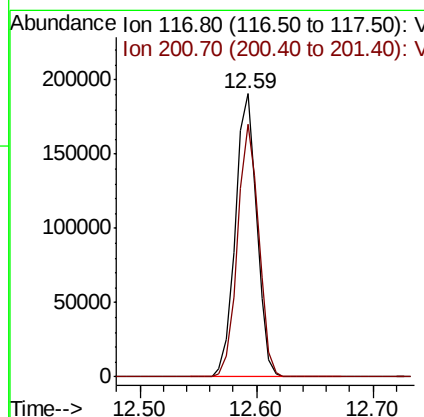
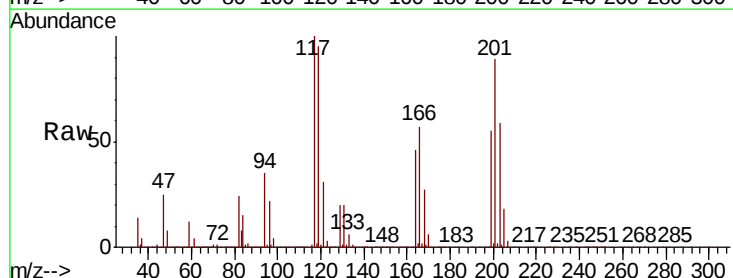
Manual Integrations
APPROVED

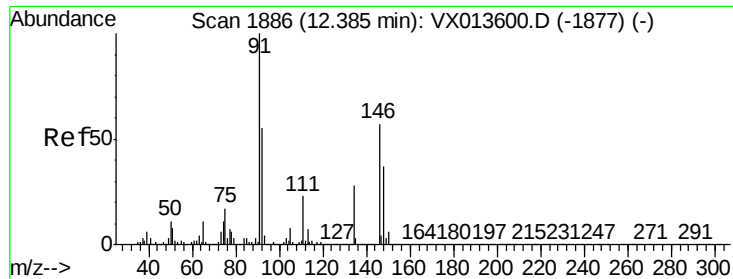
apatel
12/9/2019 9:07:48 AM



#90
Hexachloroethane
Concen: 49.295 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion: 117 Resp: 245045
Ion Ratio Lower Upper
117 100
201 88.2 44.1 132.4





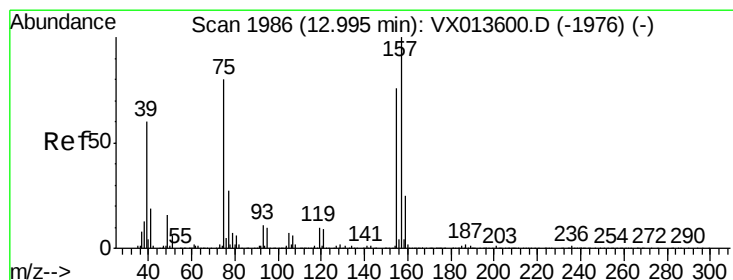
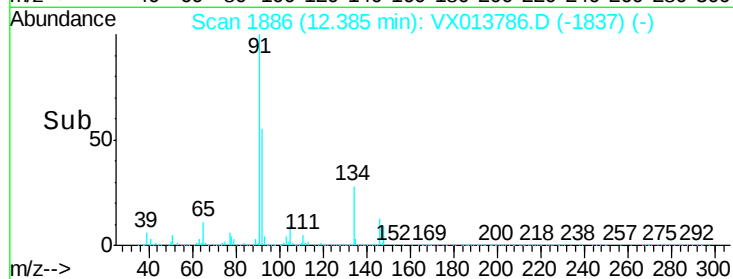
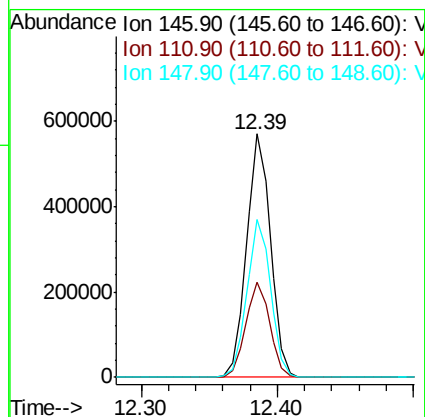
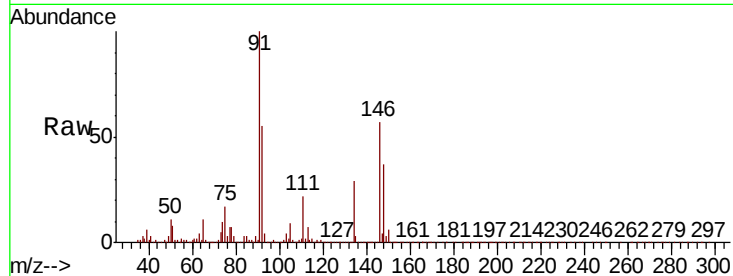
#91
 1,2-Dichlorobenzene
 Concen: 48.549 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	64.2	31.9	95.7

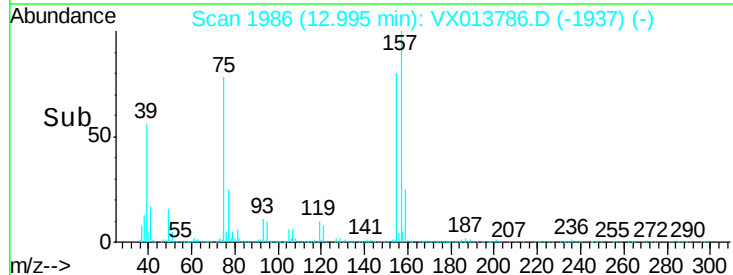
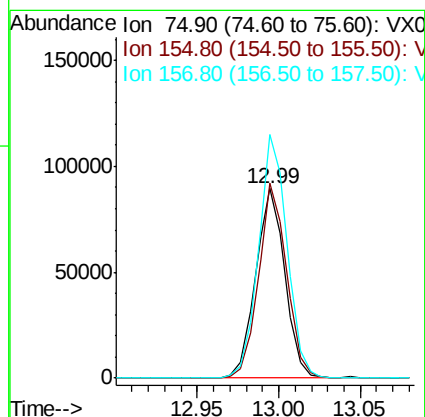
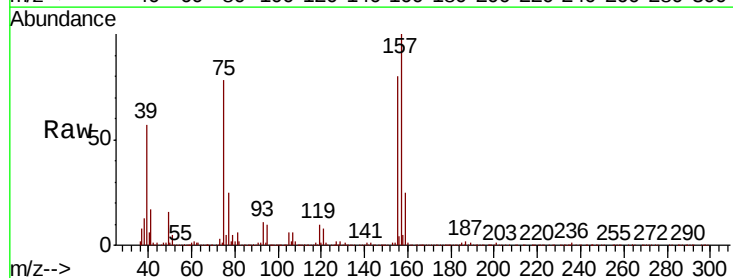
Manual Integrations
 APPROVED

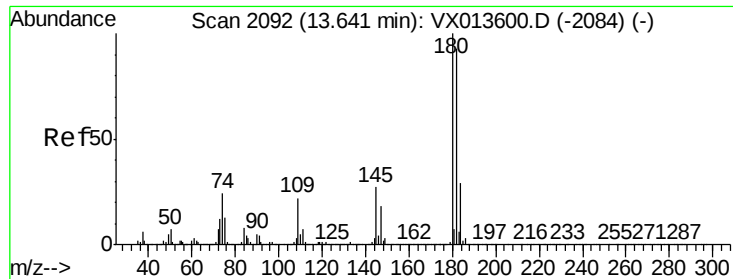
apatel
 12/9/2019 9:07:48 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.337 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	47.6	142.8
157	125.6	62.1	186.2





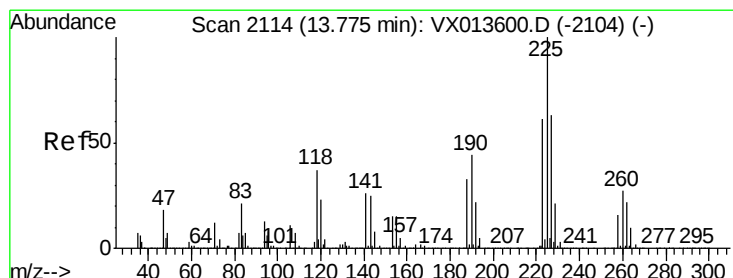
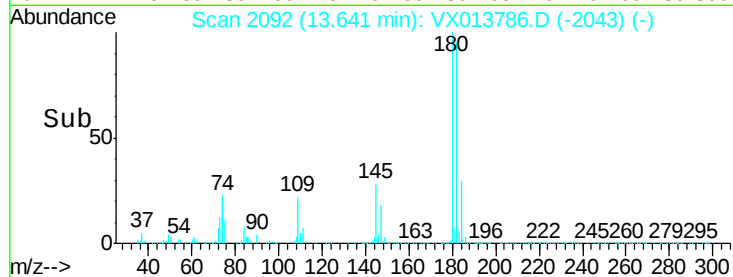
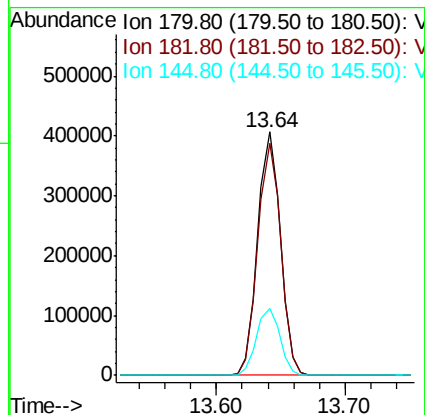
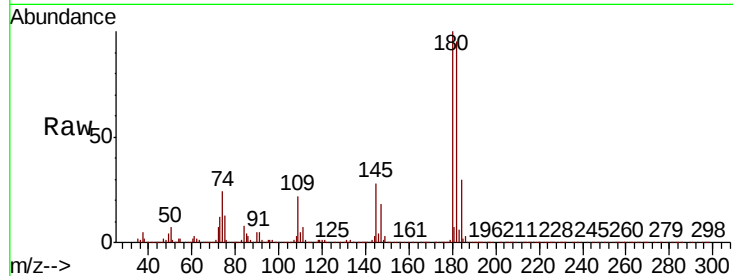
#93
 1,2,4-Trichlorobenzene
 Concen: 48.904 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	492752
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.2	141.6
145	28.3	13.8	41.4

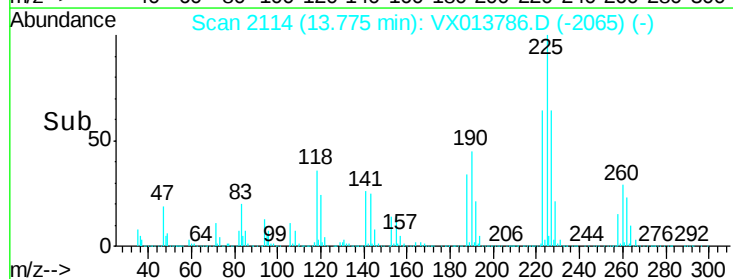
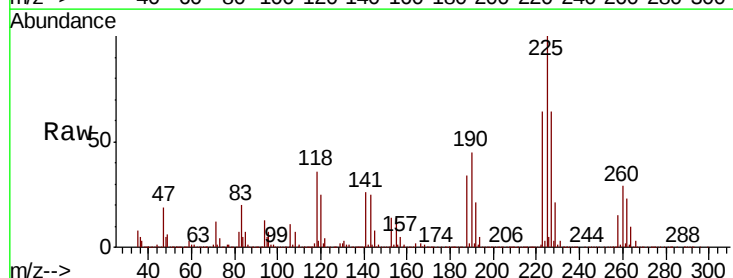
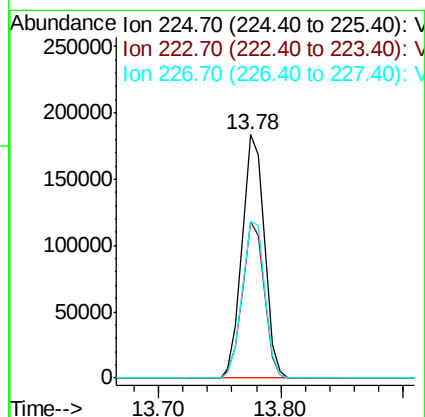
Manual Integrations
 APPROVED

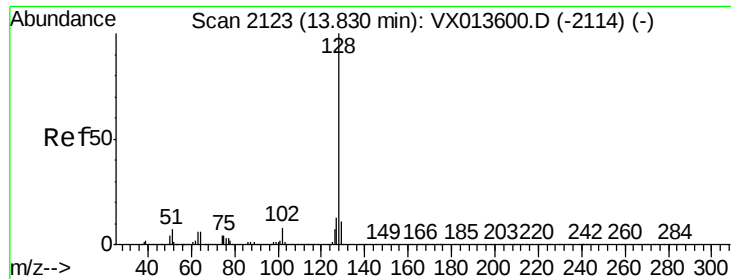
apatel
 12/9/2019 9:07:48 AM



#94
 Hexachlorobutadiene
 Concen: 47.551 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013786.D
 Acq: 06 Dec 2019 09:29

Tgt Ion:	225	Resp:	230160
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.9	95.5
227	65.3	32.1	96.3





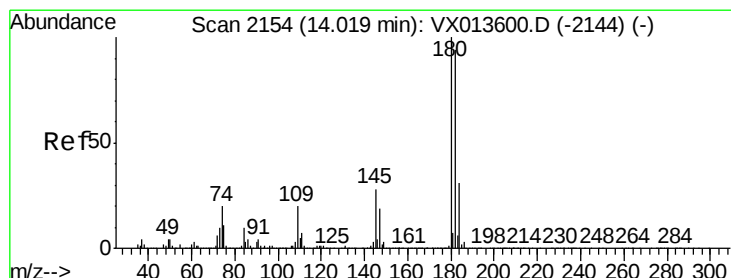
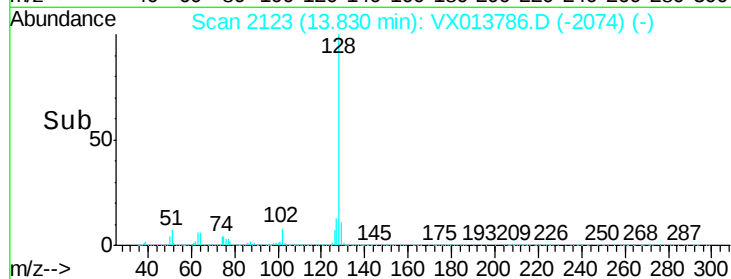
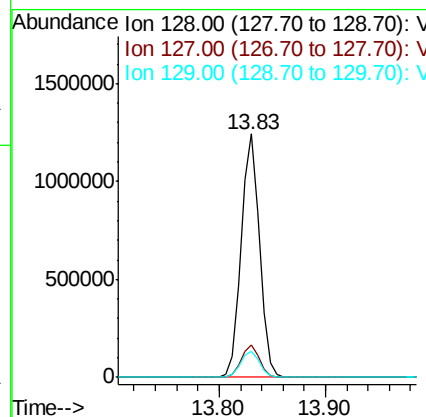
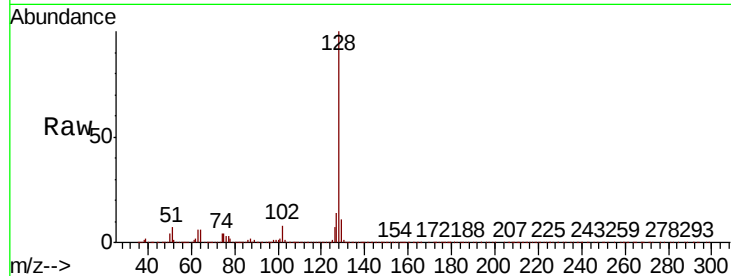
#95
Naphthalene
Concen: 50.146 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.495 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013786.D
Acq: 06 Dec 2019 09:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	29.3	15.0	45.0

