

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123019\
 Data File : VX014367.D
 Acq On : 30 Dec 2019 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/31/2019 9:32:49 AM

Quant Time: Dec 31 03:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	466084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	733717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336015	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	269998	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
35) Dibromofluoromethane	5.49	113	228204	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
50) Toluene-d8	8.71	98	875582	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	312699	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	177158	42.487	ug/l	99
3) Chloromethane	1.32	50	244546	43.701	ug/l	100
4) Vinyl Chloride	1.40	62	267681	45.334	ug/l	100
5) Bromomethane	1.63	94	133132	31.768	ug/l	99
6) Chloroethane	1.72	64	173530	47.617	ug/l	97
7) Trichlorofluoromethane	1.92	101	347981	47.608	ug/l	100
8) Diethyl Ether	2.18	74	167708	48.888	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215384	48.884	ug/l	99
10) Methyl Iodide	2.50	142	173878	30.977	ug/l	99
11) Tert butyl alcohol	3.03	59	279486	244.860	ug/l	99
12) 1,1-Dichloroethene	2.37	96	213792	47.685	ug/l	98
13) Acrolein	2.28	56	160992	246.399	ug/l	97
14) Allyl chloride	2.72	41	405926	50.709	ug/l	98
15) Acrylonitrile	3.13	53	723252	271.478	ug/l	100
16) Acetone	2.43	43	618973	180.489	ug/l	99
17) Carbon Disulfide	2.56	76	526618	42.425	ug/l	99
18) Methyl Acetate	2.76	43	373227	54.922	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	764016	51.858	ug/l	99
20) Methylene Chloride	2.85	84	258058	47.785	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	238538	48.293	ug/l	98
22) Diisopropyl ether	3.84	45	856786	53.710	ug/l	99
23) Vinyl Acetate	3.80	43	3621283	278.180	ug/l	100
24) 1,1-Dichloroethane	3.69	63	448221	50.503	ug/l	99
25) 2-Butanone	4.65	43	1014164	239.864	ug/l	98
26) 2,2-Dichloropropane	4.58	77	318085	46.161	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	277839	49.737	ug/l	99
28) Bromochloromethane	5.00	49	191991	56.193	ug/l	95
29) Tetrahydrofuran	5.11	42	650592	275.107	ug/l	99
30) Chloroform	5.20	83	432601	51.418	ug/l	99
31) Cyclohexane	5.57	56	392294	49.698	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	359008	50.067	ug/l	100
36) 1,1-Dichloropropene	5.79	75	319517	47.460	ug/l	99
37) Ethyl Acetate	4.82	43	387172	52.079	ug/l	99
38) Carbon Tetrachloride	5.78	117	299540	48.840	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123019\
 Data File : VX014367.D
 Acq On : 30 Dec 2019 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/31/2019 9:32:49 AM

Quant Time: Dec 31 03:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	389499	46.856	ug/l	99
40) Benzene	6.14	78	1008075	48.665	ug/l	99
41) Methacrylonitrile	5.03	41	220327	53.413	ug/l	97
42) 1,2-Dichloroethane	6.19	62	346020	49.279	ug/l	98
43) Isopropyl Acetate	6.44	43	641035	52.102	ug/l	99
44) Trichloroethene	7.21	130	265725	46.443	ug/l	96
45) 1,2-Dichloropropane	7.51	63	269236	50.710	ug/l	98
46) Dibromomethane	7.65	93	170643	48.613	ug/l	98
47) Bromodichloromethane	7.89	83	338719	51.236	ug/l	98
48) Methyl methacrylate	7.76	41	311679	51.734	ug/l	98
49) 1,4-Dioxane	7.73	88	112041	913.850	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2016974	261.037	ug/l	99
52) Toluene	8.78	92	631679	48.246	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	371919	51.306	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	416194	51.535	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	265469	50.589	ug/l	99
56) Ethyl methacrylate	9.17	69	424024	51.441	ug/l	99
57) 1,3-Dichloropropane	9.37	76	453266	51.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	839079	268.984	ug/l	99
59) 2-Hexanone	9.48	43	1532848	246.436	ug/l	99
60) Dibromochloromethane	9.57	129	273186	52.374	ug/l	99
61) 1,2-Dibromoethane	9.67	107	269592	50.212	ug/l	100
64) Tetrachloroethene	9.33	164	271744	46.366	ug/l	95
65) Chlorobenzene	10.14	112	680833	48.345	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	250858	49.889	ug/l	99
67) Ethyl Benzene	10.25	91	1195933	49.395	ug/l	99
68) m/p-Xylenes	10.36	106	916835	98.456	ug/l	99
69) o-Xylene	10.70	106	451394	49.425	ug/l	100
70) Styrene	10.71	104	767857	49.720	ug/l	99
71) Bromoform	10.85	173	208192	51.508	ug/l	100
73) Isopropylbenzene	11.01	105	1170282	49.467	ug/l	100
74) N-amyl acetate	10.89	43	565068	50.955	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	415326	50.637	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	332667m	45.603	ug/l	
77) Bromobenzene	11.25	156	304255	46.742	ug/l	98
78) n-propylbenzene	11.35	91	1343780	50.639	ug/l	100
79) 2-Chlorotoluene	11.42	91	791435	49.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	983658	49.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	131344	50.820	ug/l	99
82) 4-Chlorotoluene	11.51	91	914530	48.876	ug/l	98
83) tert-Butylbenzene	11.76	119	968687	49.993	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	992159	49.759	ug/l	100
85) sec-Butylbenzene	11.94	105	1144354	50.028	ug/l	100
86) p-Isopropyltoluene	12.06	119	1045194	49.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	541369	47.455	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	539120	46.477	ug/l	99
89) n-Butylbenzene	12.39	91	912844	51.129	ug/l	100
90) Hexachloroethane	12.59	117	185948	49.477	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	544832	47.442	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87233	48.061	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
Data File : VX014367.D
Acq On : 30 Dec 2019 20:26
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

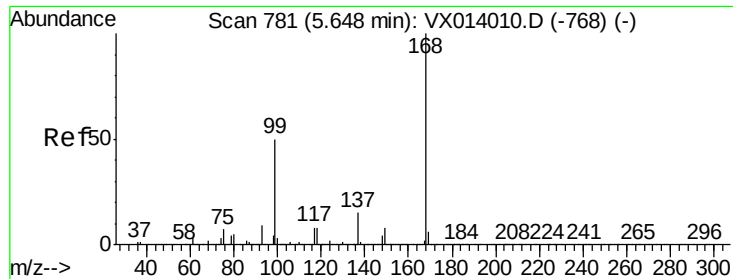
Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM

Quant Time: Dec 31 03:53:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	366946	49.161	ug/l	97
94) Hexachlorobutadiene	13.78	225	174694	48.699	ug/l	99
95) Naphthalene	13.83	128	1156828	52.751	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	372664	50.577	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 466084

Ion Ratio Lower Upper

168 100

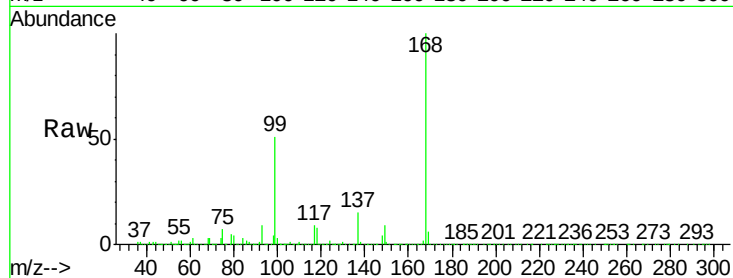
99 50.9 40.3 60.5

Manual Integrations

APPROVED

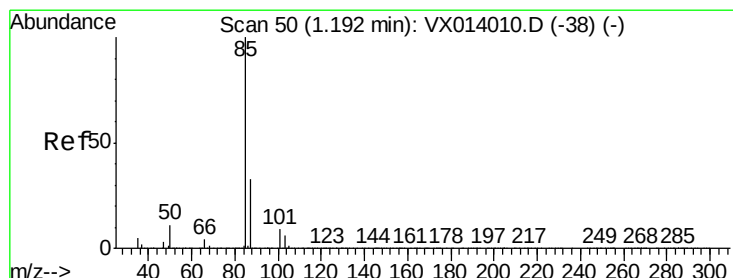
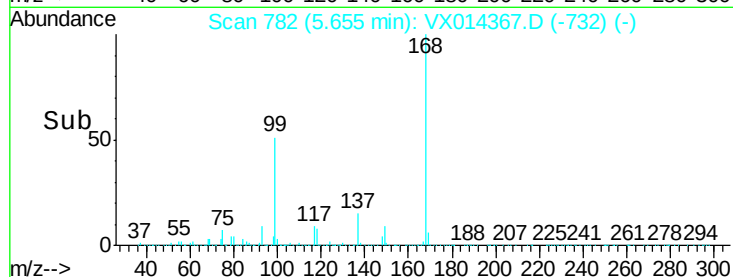
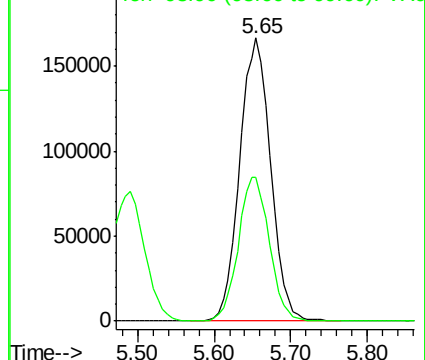
apatel

12/31/2019 9:32:49 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.487 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014367.D

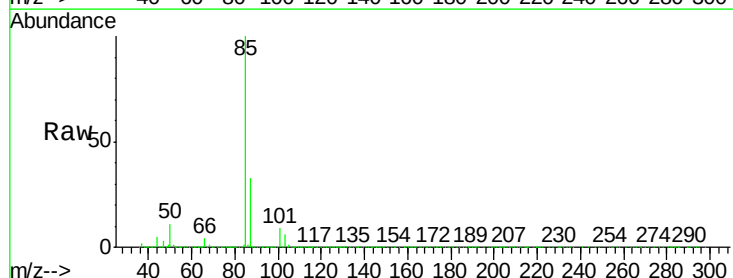
Acq: 30 Dec 2019 20:26

Tgt Ion: 85 Resp: 177158

Ion Ratio Lower Upper

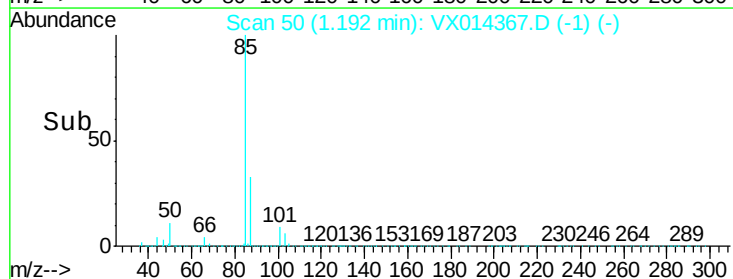
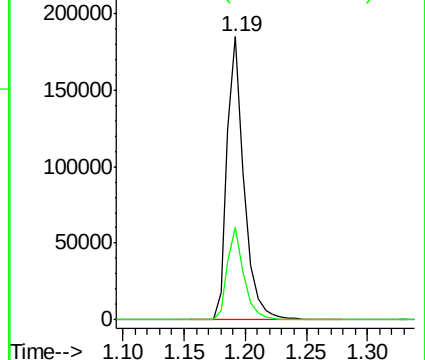
85 100

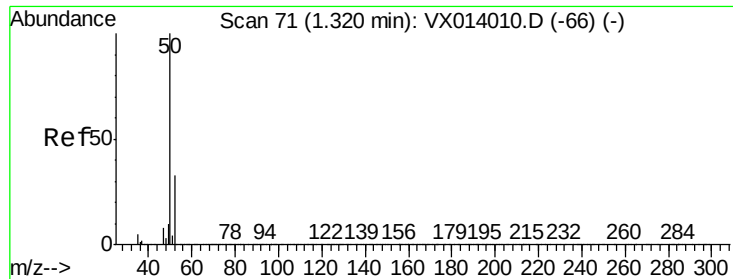
87 32.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.701 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 244546

Ion Ratio Lower Upper

50 100

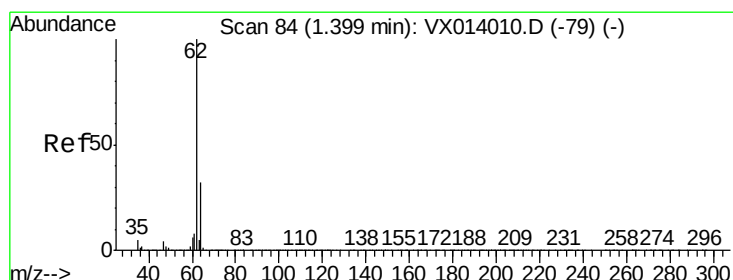
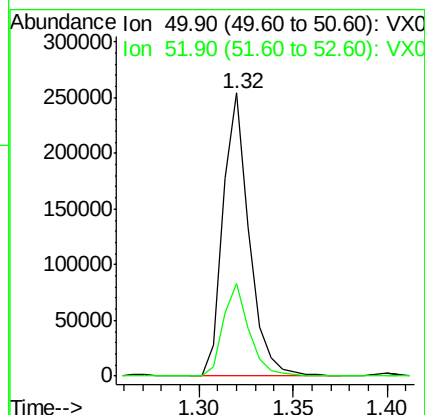
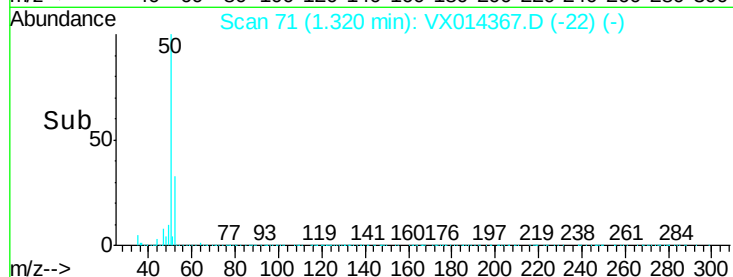
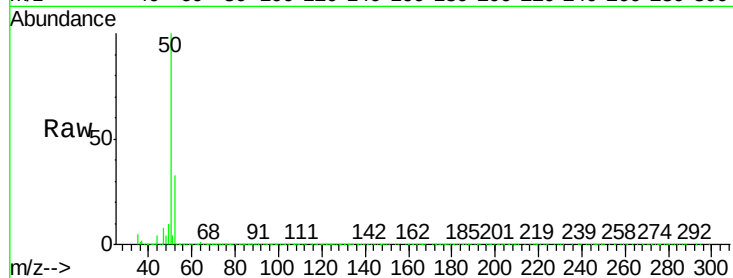
52 32.6 26.2 39.4

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#4

Vinyl Chloride

Concen: 45.334 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014367.D

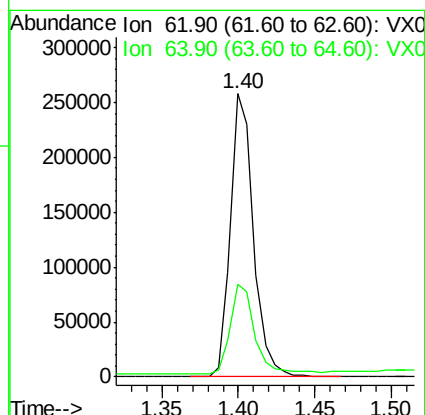
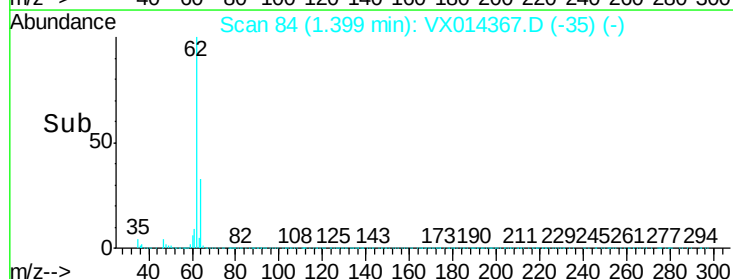
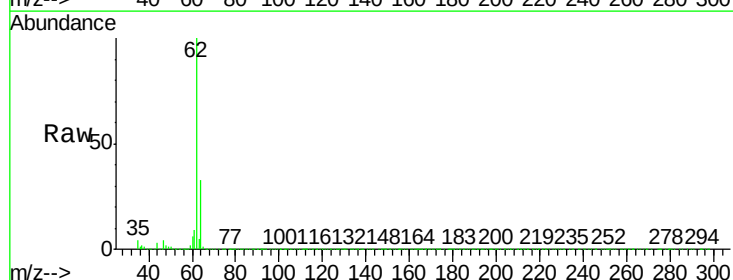
Acq: 30 Dec 2019 20:26

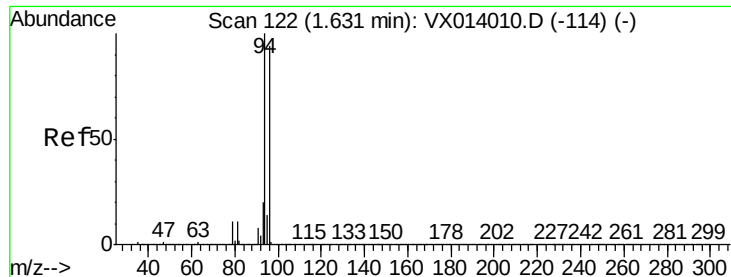
Tgt Ion: 62 Resp: 267681

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 31.768 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tot Ion: 94 Resp: 133132

Ion Ratio Lower Upper

94 100

96 94.6 75.2 112.8

Instrument :

MSVOA_X

ClientSampleId :

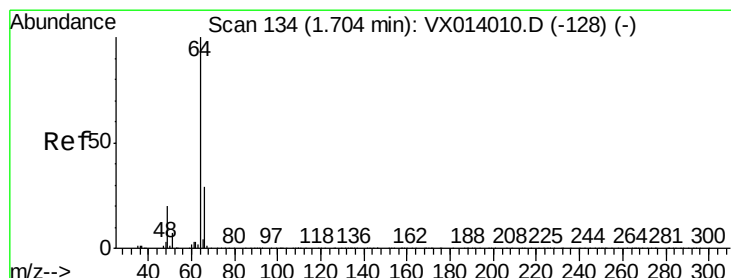
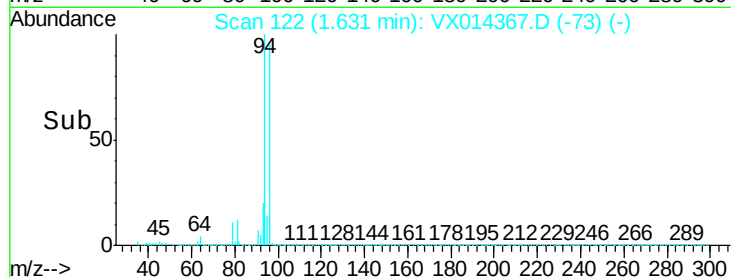
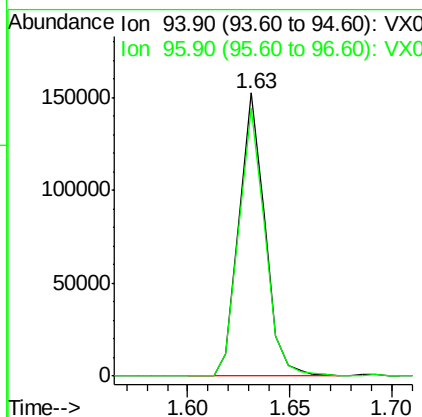
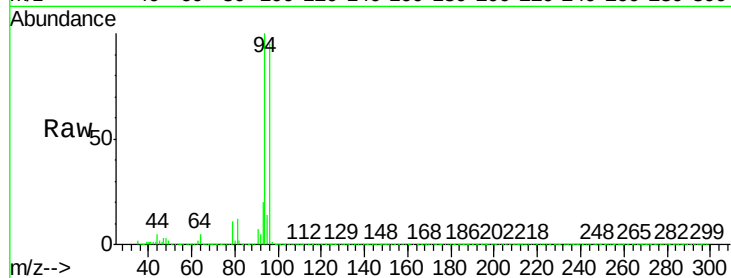
VSTDCCC050EC

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#6

Chloroethane

Concen: 47.617 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014367.D

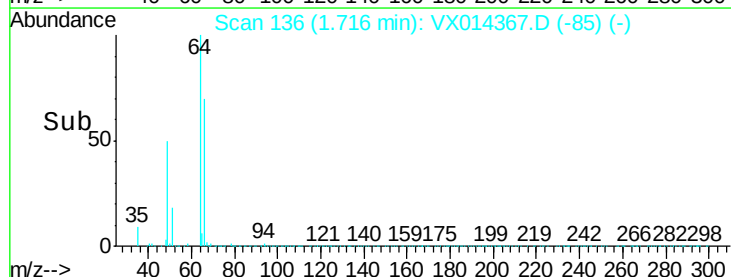
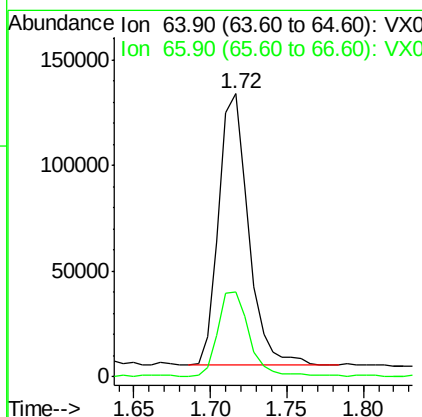
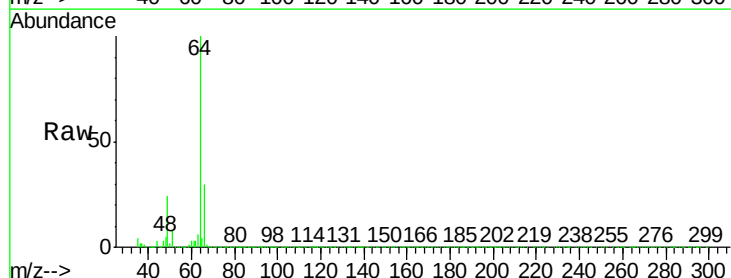
Acq: 30 Dec 2019 20:26

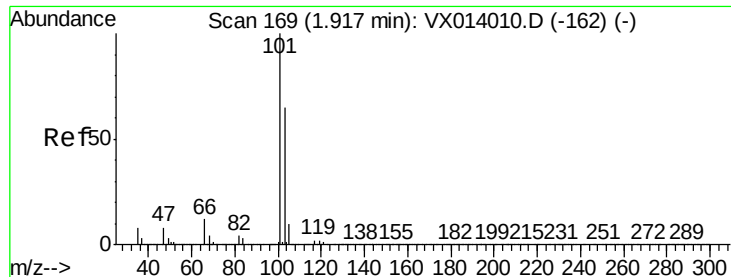
Tgt Ion: 64 Resp: 173530

Ion Ratio Lower Upper

64 100

66 31.0 23.4 35.2





#7

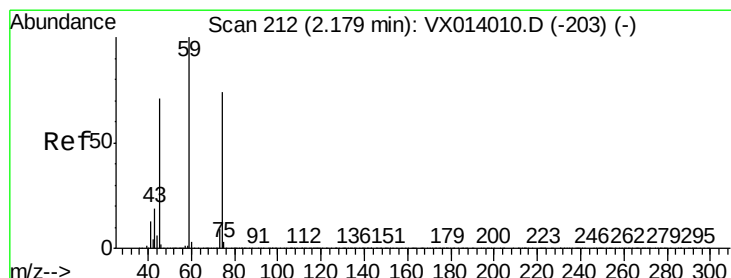
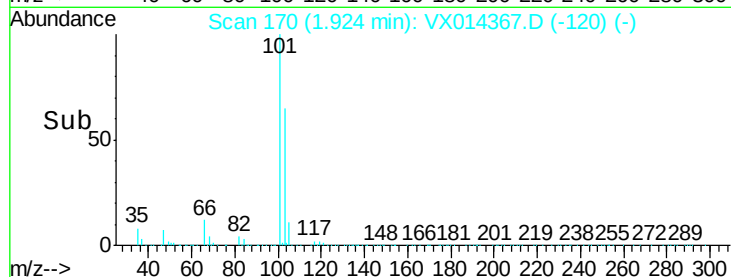
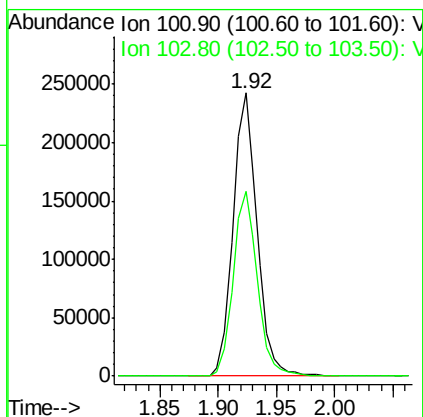
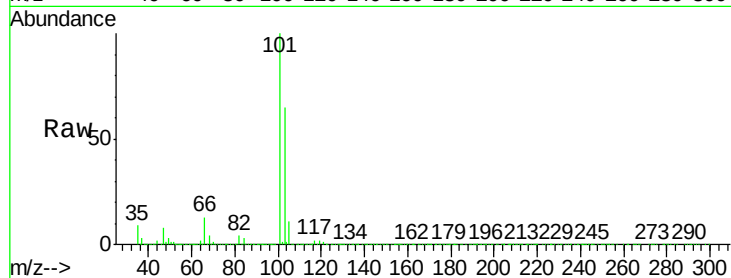
Trichlorofluoromethane
Concen: 47.608 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.4

Manual Integrations
APPROVED

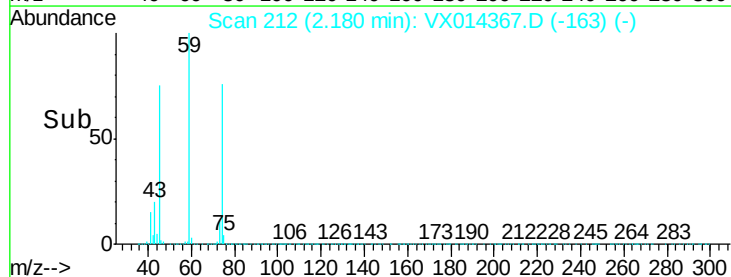
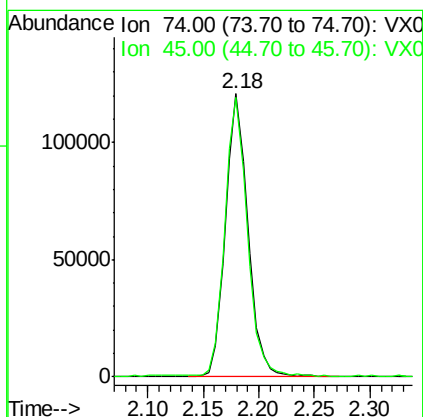
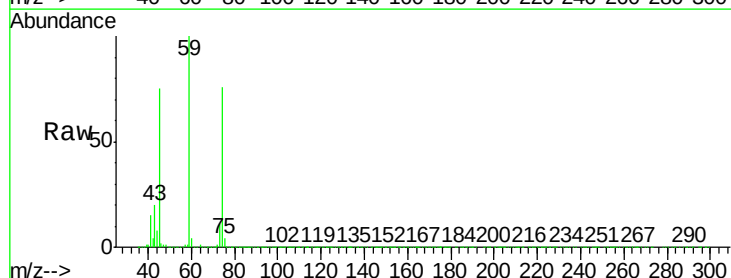
apatel
12/31/2019 9:32:49 AM

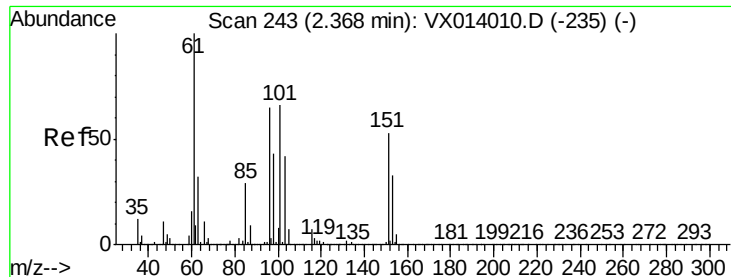


#8

Diethyl Ether
Concen: 48.888 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.884 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

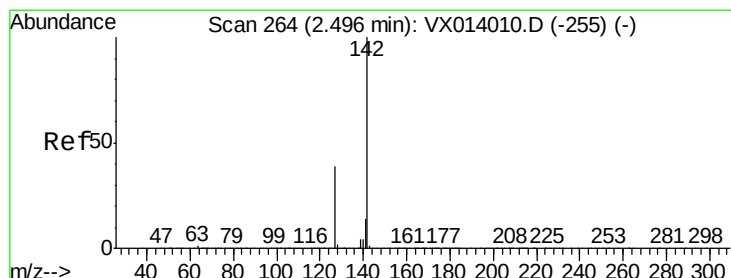
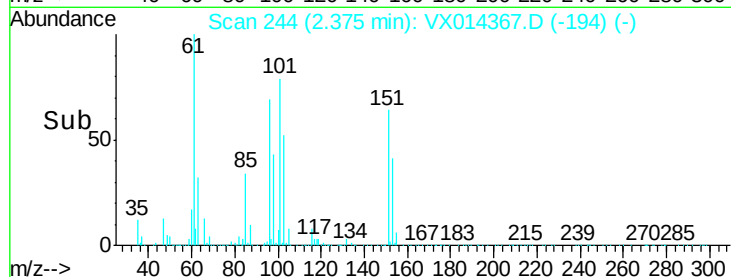
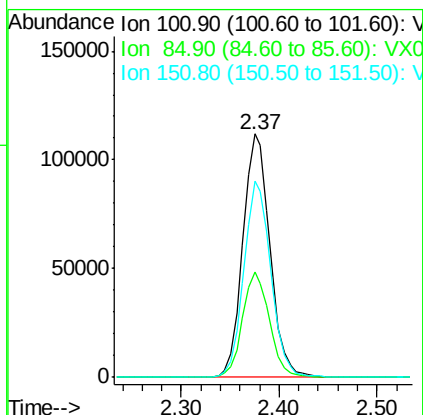
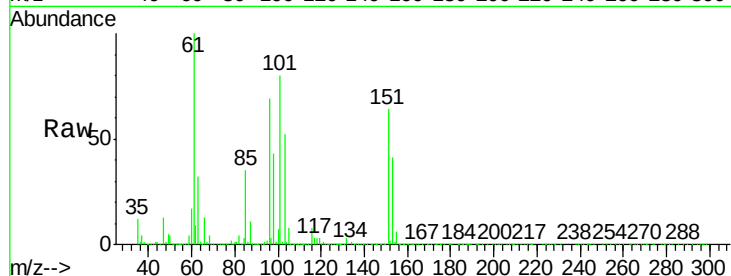
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	215384
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.7	50.5
151	80.2	64.5	96.7

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#10

Methyl Iodide

Concen: 30.977 ug/l

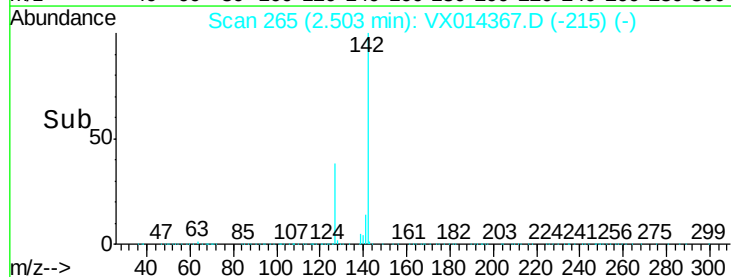
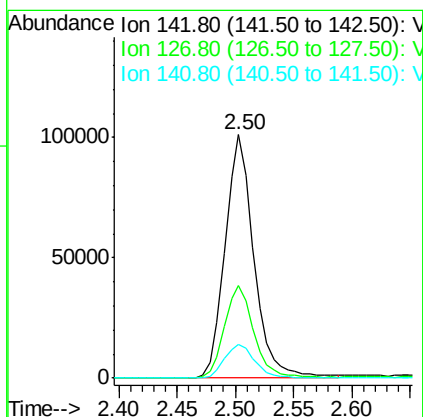
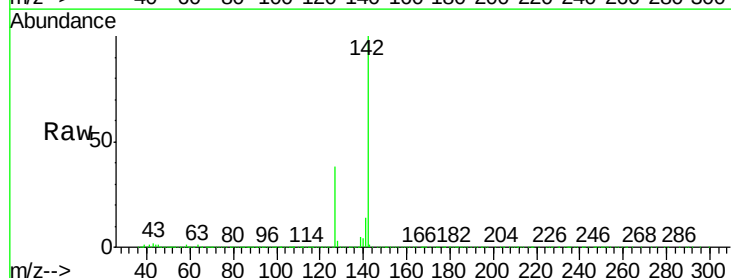
RT: 2.50 min Scan# 265

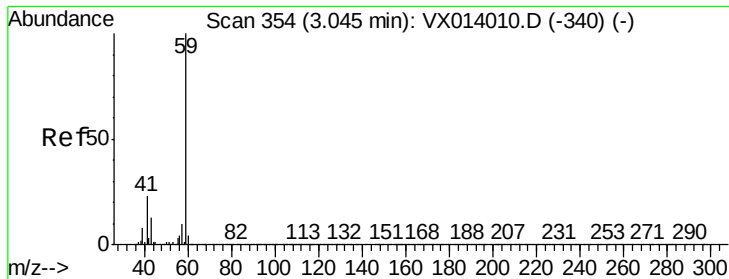
Delta R.T. 0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	142	Resp:	173878
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.6	47.4
141	14.7	11.6	17.4





#11

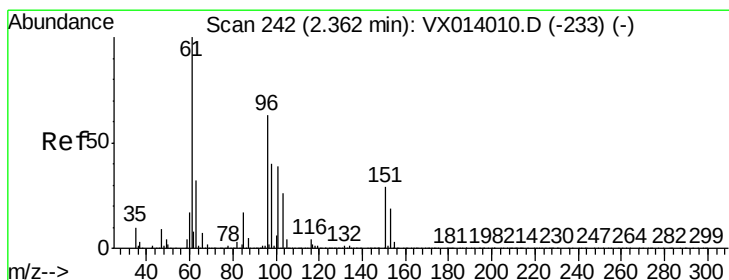
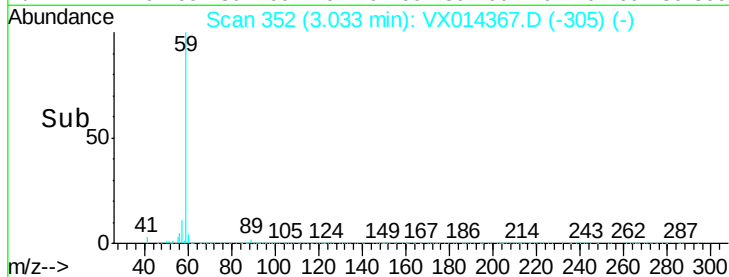
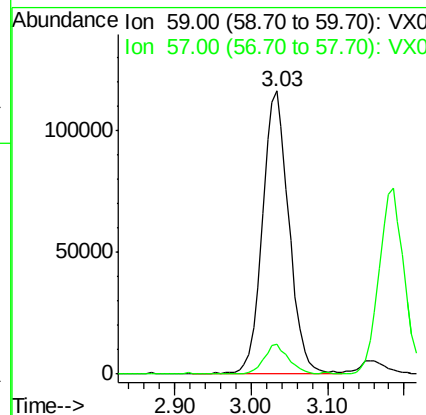
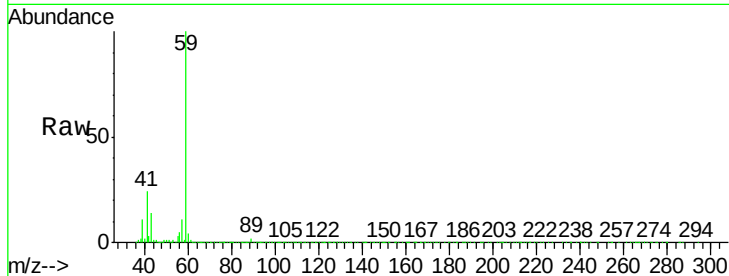
Tert butyl alcohol
Concen: 244.860 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

Manual Integrations
APPROVED

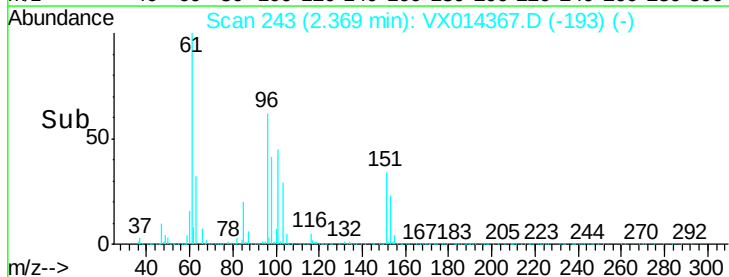
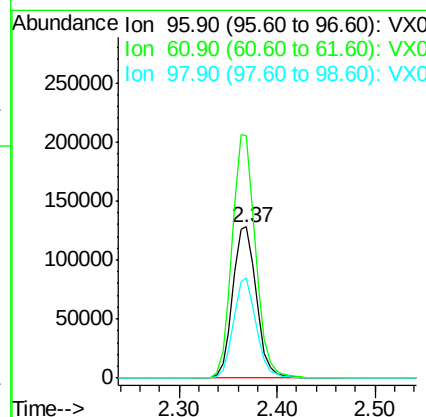
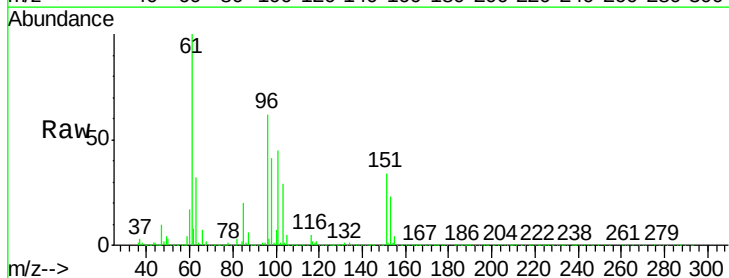
apatel
12/31/2019 9:32:49 AM

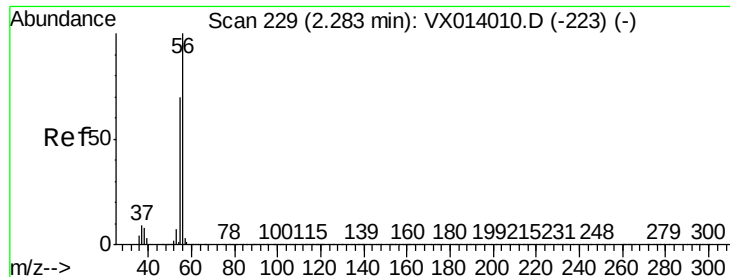


#12

1,1-Dichloroethene
Concen: 47.685 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	127.9	191.9
98	66.6	50.5	75.7





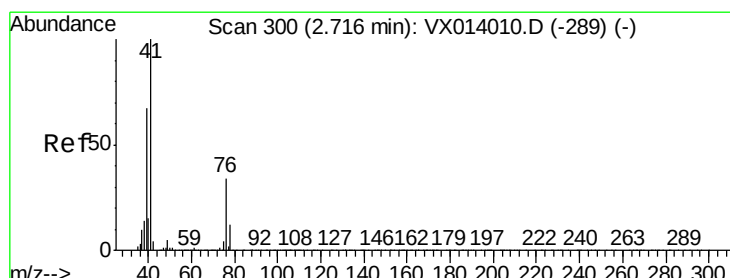
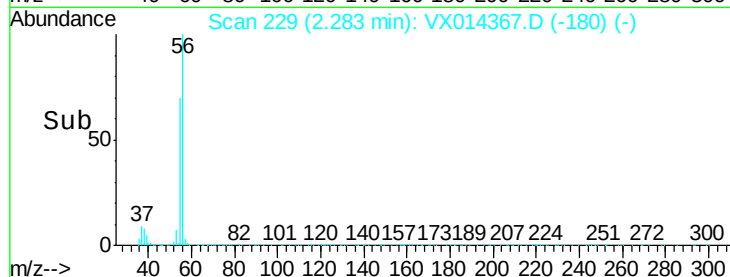
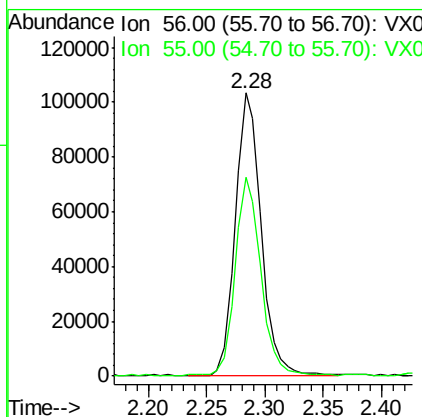
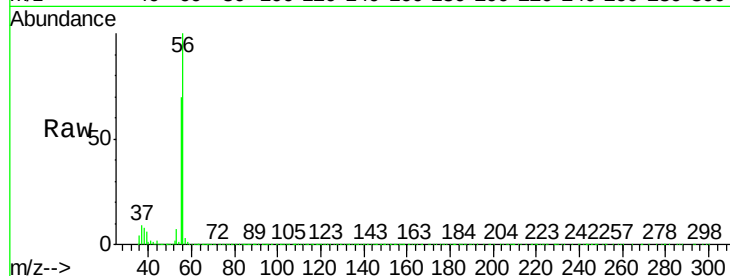
#13
Acrolein
Concen: 246.399 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.9	56.9	85.3

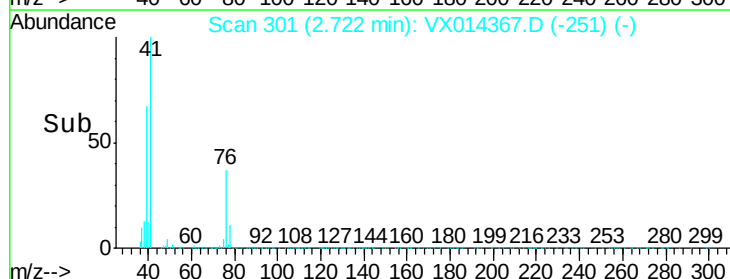
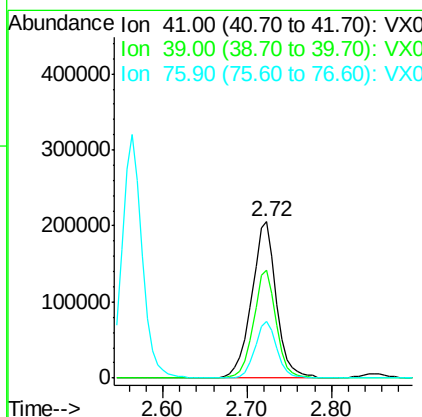
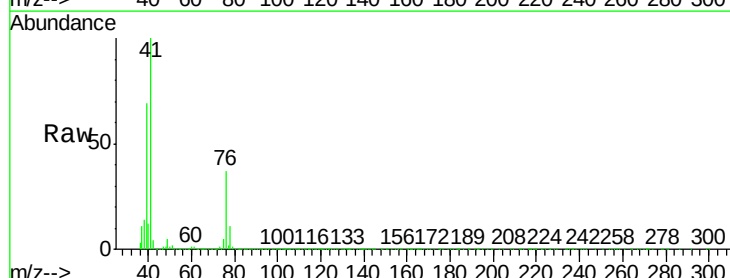
Manual Integrations
APPROVED

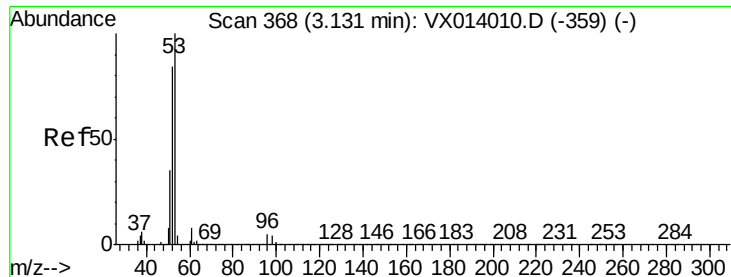
apatel
12/31/2019 9:32:49 AM



#14
Allyl chloride
Concen: 50.709 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.1	51.8	77.8
76	31.9	25.9	38.9





#15

Acrylonitrile

Concen: 271.478 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

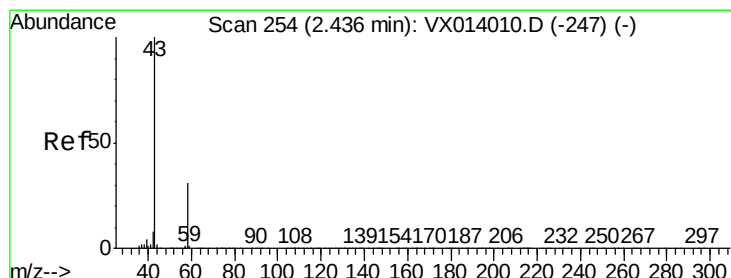
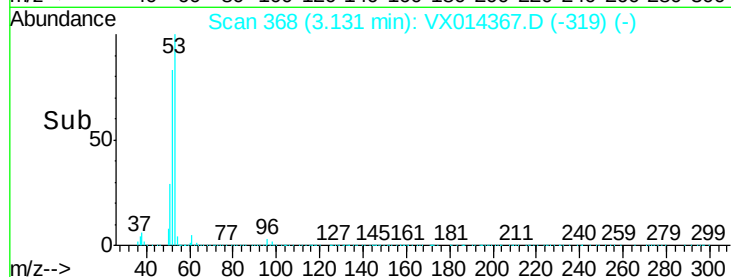
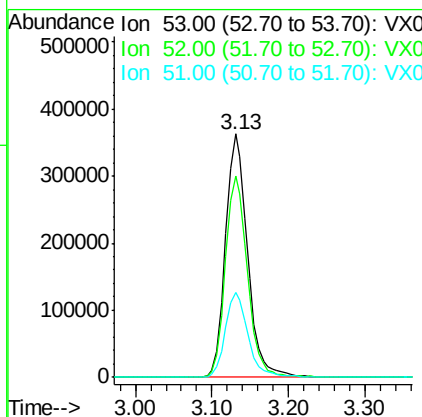
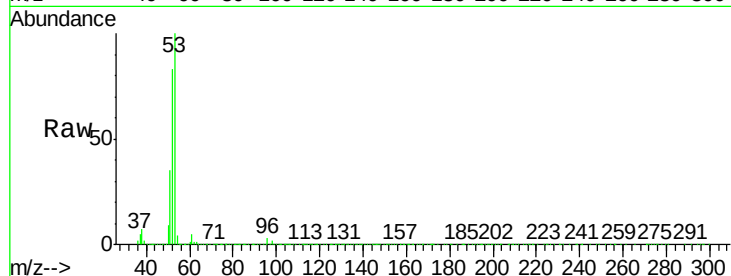
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	723252
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	35.6	28.1	42.1

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#16

Acetone

Concen: 180.489 ug/l

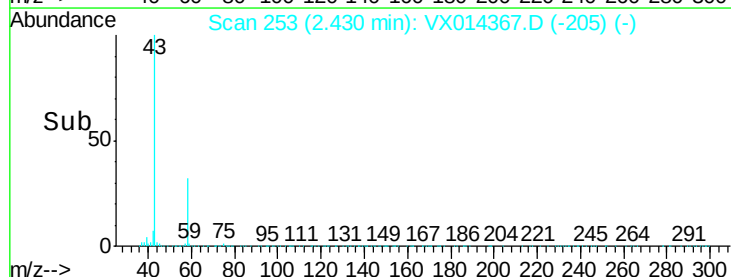
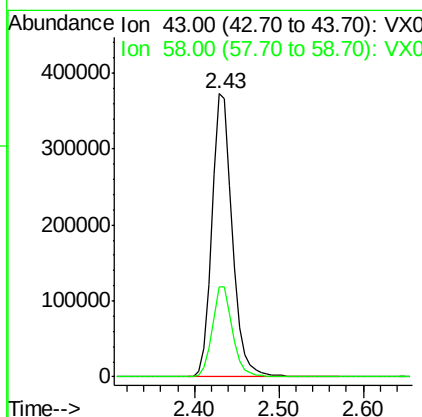
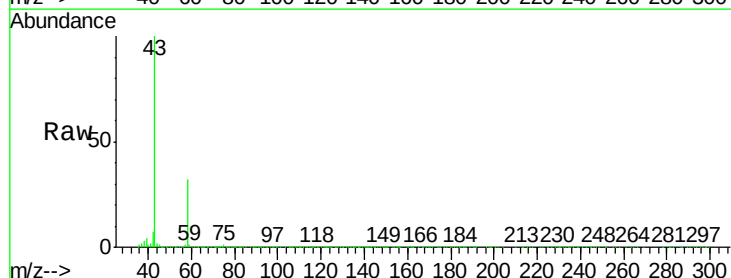
RT: 2.43 min Scan# 253

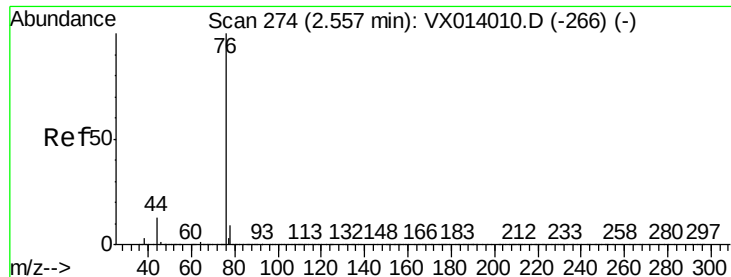
Delta R.T. -0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	43	Resp:	618973
Ion Ratio	Lower	Upper	
43	100		
58	31.6	24.9	37.3





#17

Carbon Disulfide

Concen: 42.425 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 526618

Ion Ratio Lower Upper

76 100

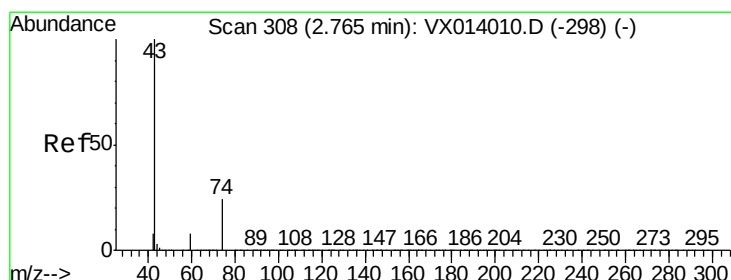
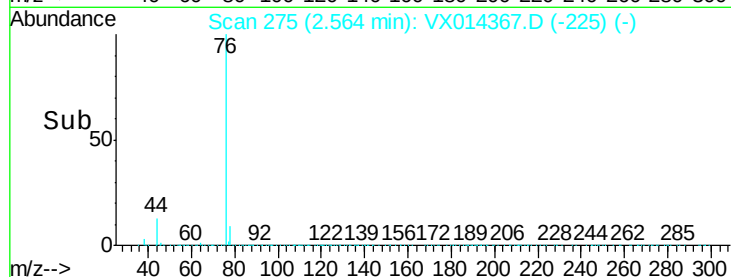
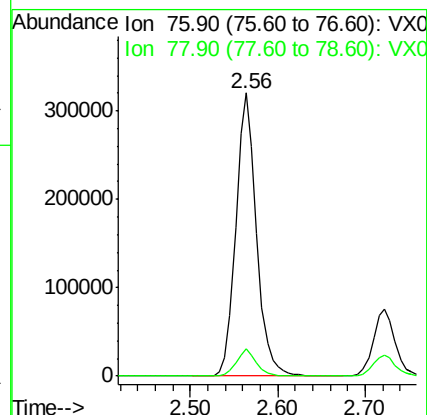
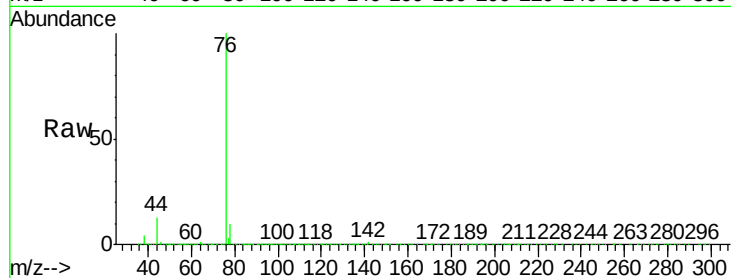
78 9.4 7.2 10.8

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#18

Methyl Acetate

Concen: 54.922 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014367.D

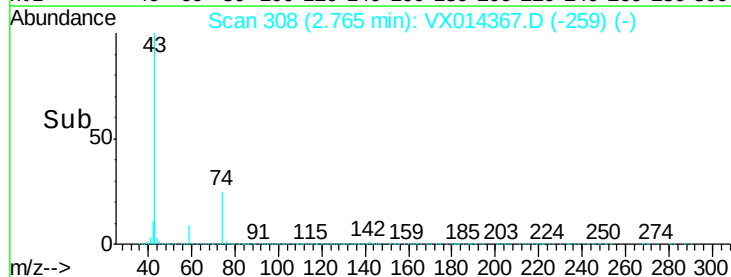
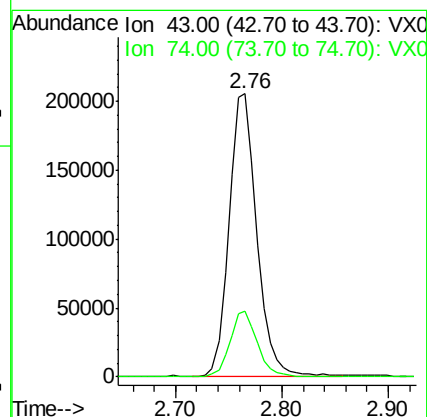
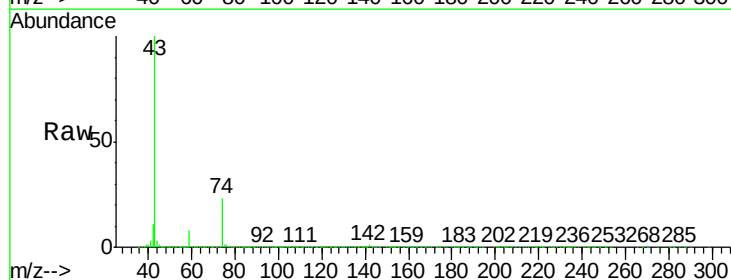
Acq: 30 Dec 2019 20:26

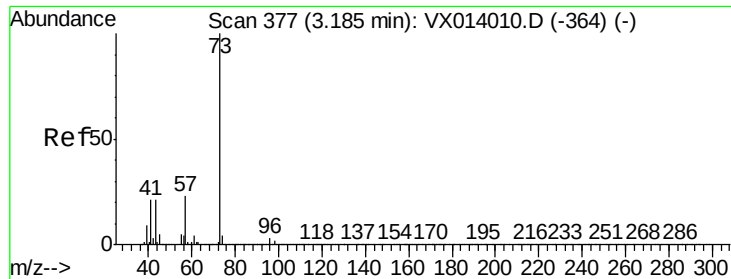
Tgt Ion: 43 Resp: 373227

Ion Ratio Lower Upper

43 100

74 23.2 19.5 29.3





#19

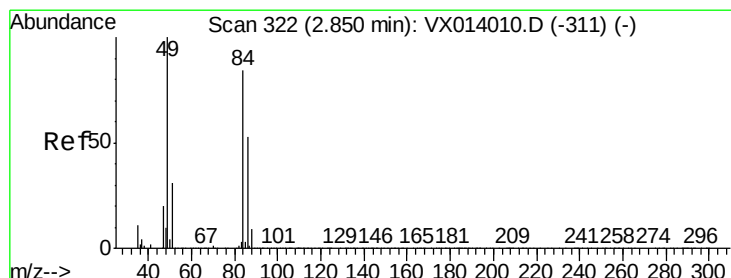
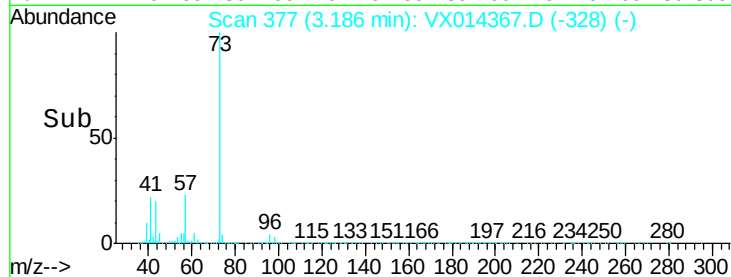
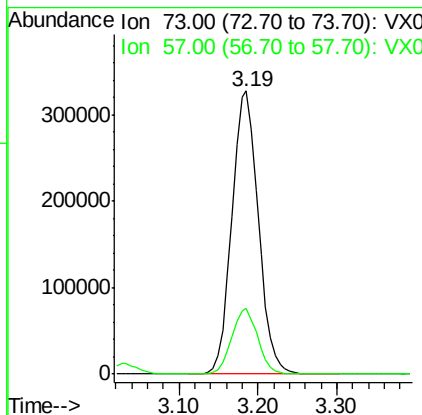
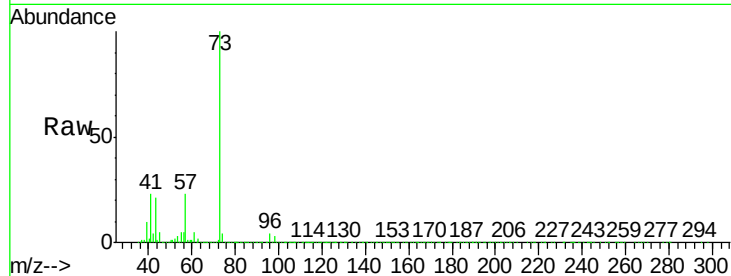
Methyl tert-butyl Ether
 Concen: 51.858 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.8	28.2

Manual Integrations
 APPROVED

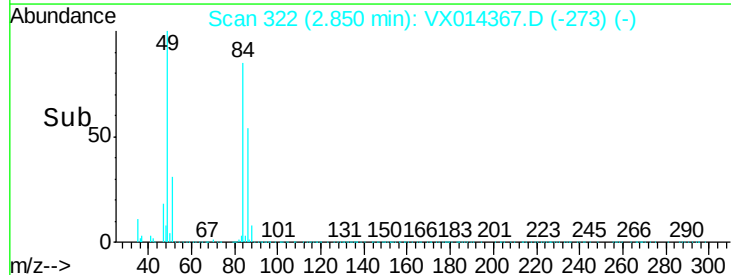
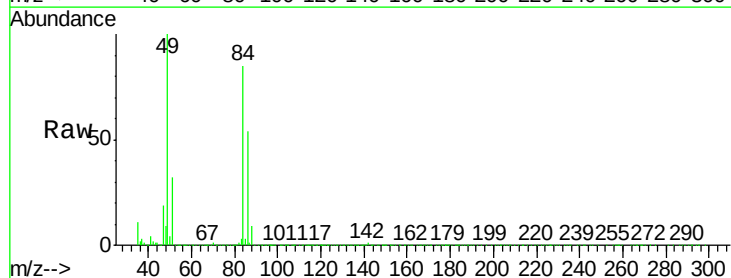
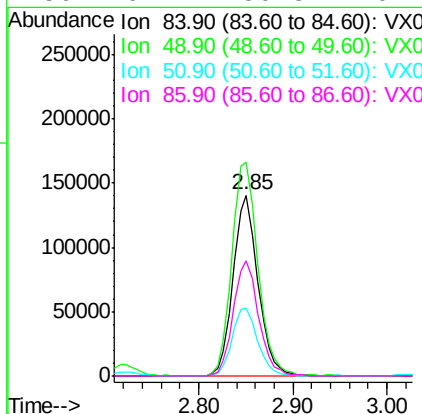
apatel
 12/31/2019 9:32:49 AM

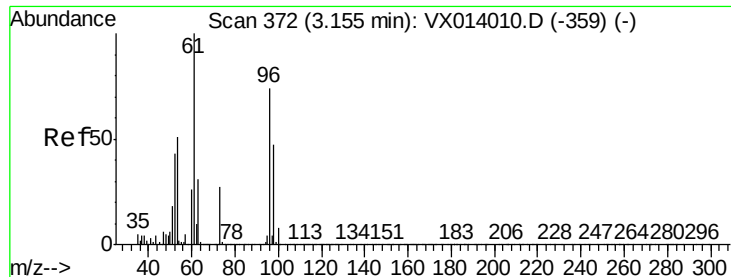


#20

Methylene Chloride
 Concen: 47.785 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	95.8	143.6
51	37.0	29.8	44.8
86	64.1	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.293 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

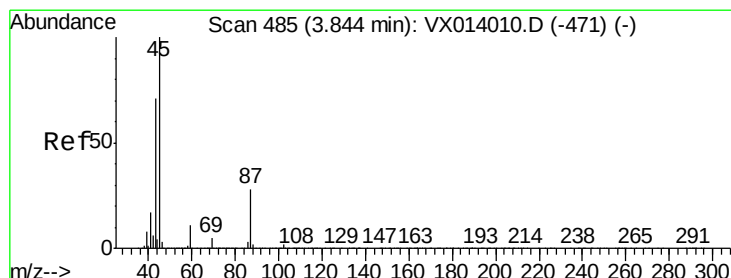
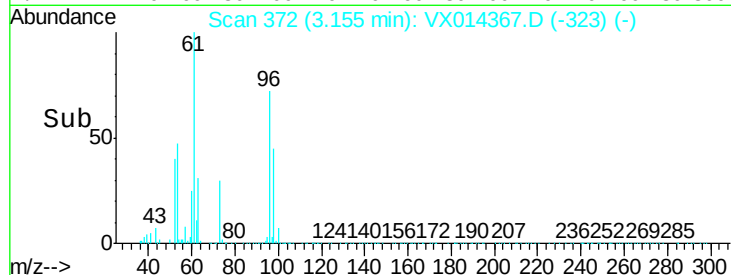
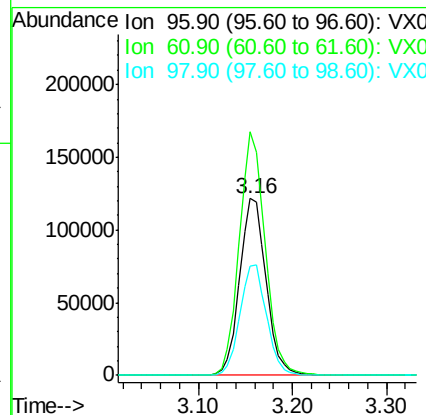
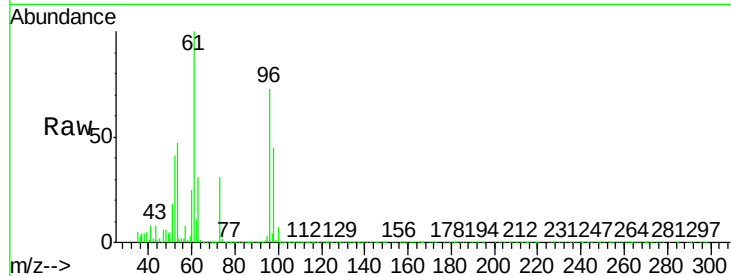
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	238538
Ion Ratio	Lower	Upper	
96	100		
61	137.8	108.3	162.5
98	61.7	50.8	76.2

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#22

Diisopropyl ether

Concen: 53.710 ug/l

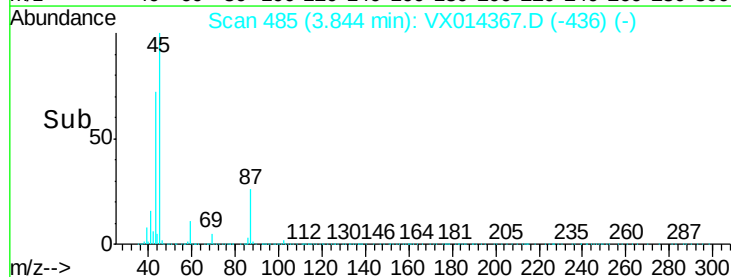
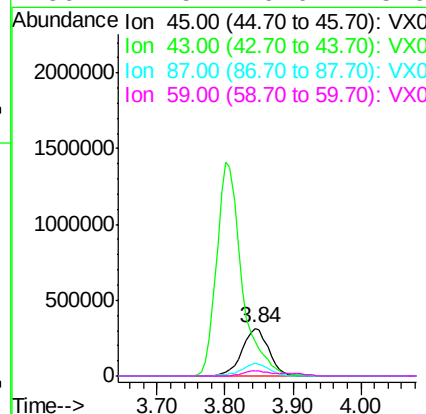
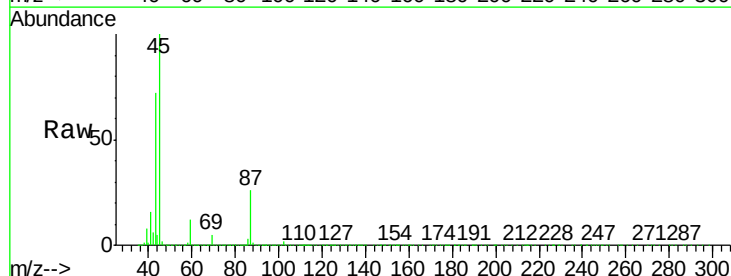
RT: 3.84 min Scan# 485

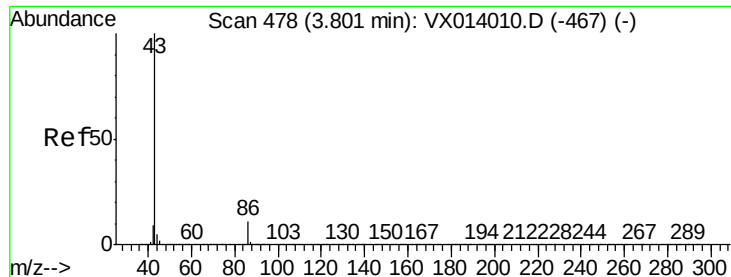
Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	45	Resp:	856786
Ion Ratio	Lower	Upper	
45	100		
43	71.2	57.4	86.0
87	25.9	21.9	32.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 278.180 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3621283

Ion Ratio Lower Upper

43 100

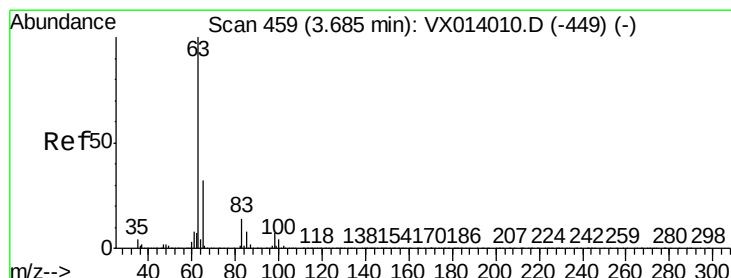
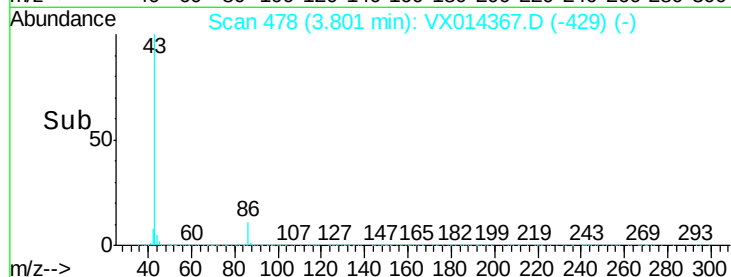
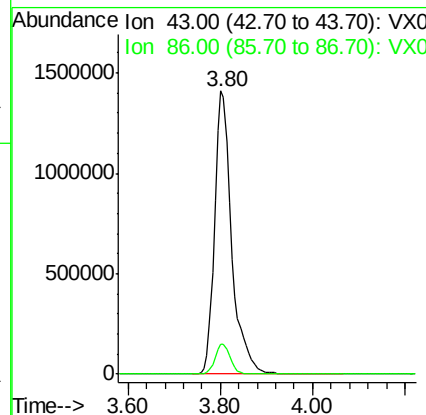
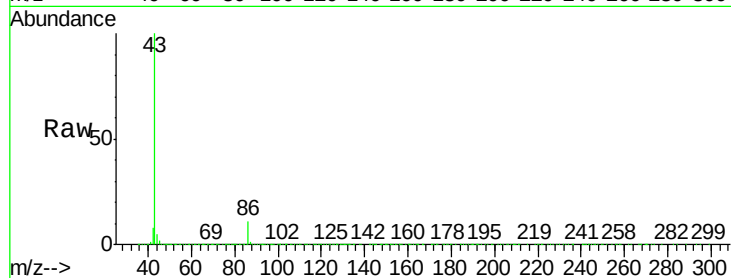
86 10.5 8.6 12.8

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#24

1,1-Dichloroethane

Concen: 50.503 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

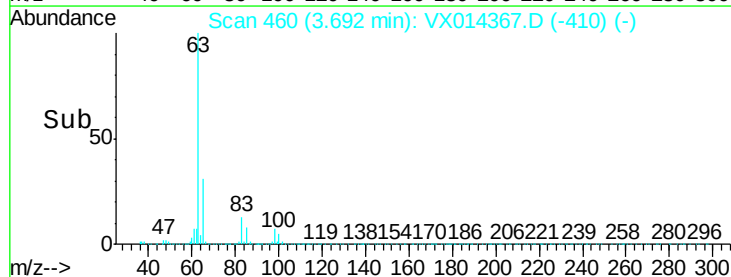
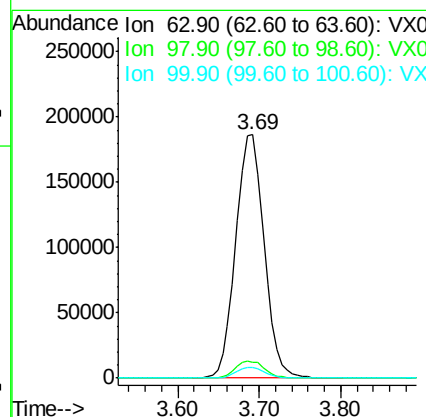
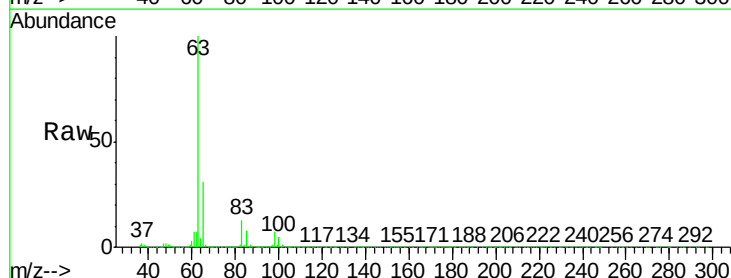
Tgt Ion: 63 Resp: 448221

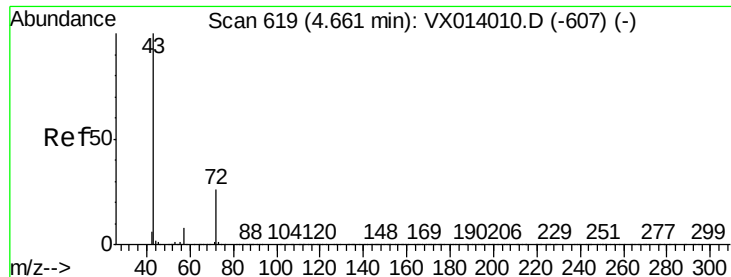
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 239.864 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tot Ion: 43 Resp: 1014164

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

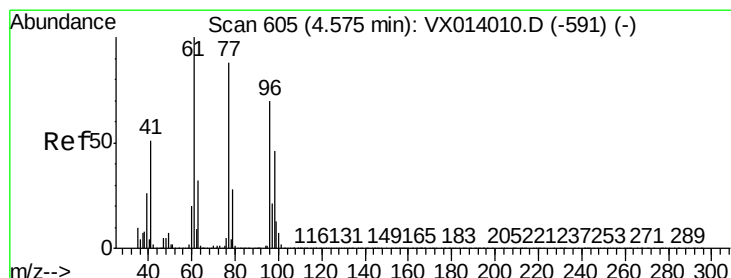
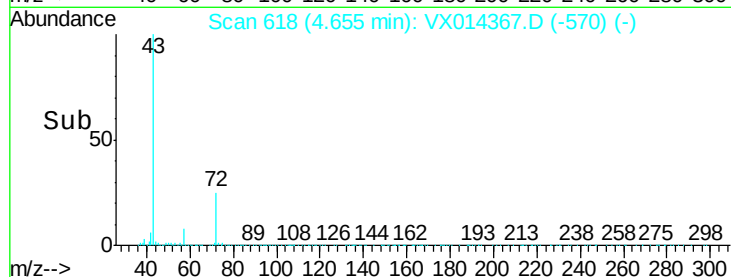
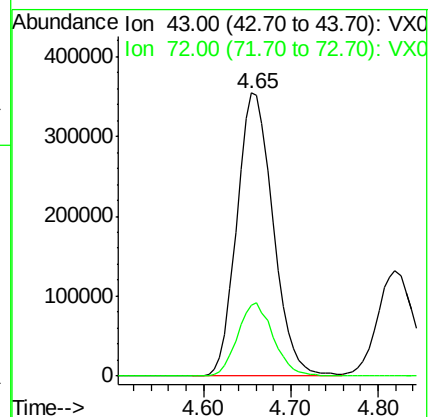
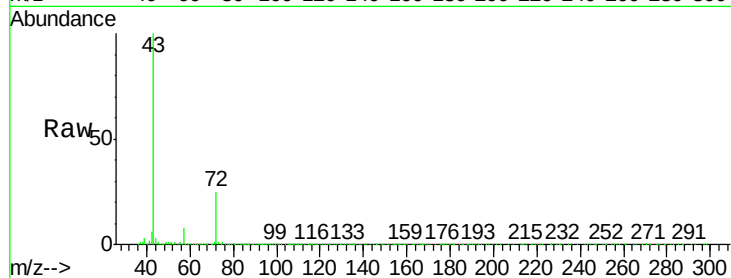
VSTDCCC050EC

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#26

2,2-Dichloropropane

Concen: 46.161 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014367.D

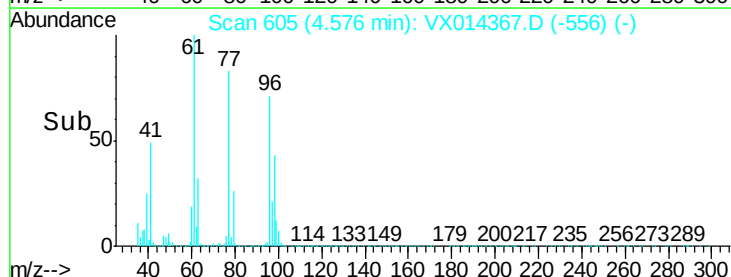
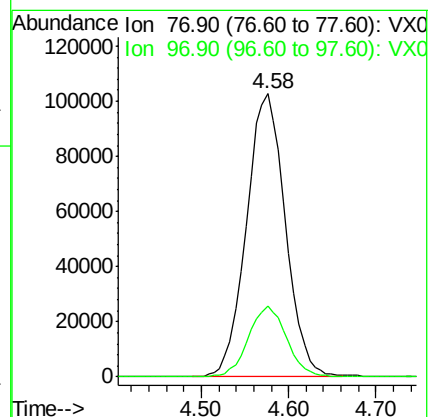
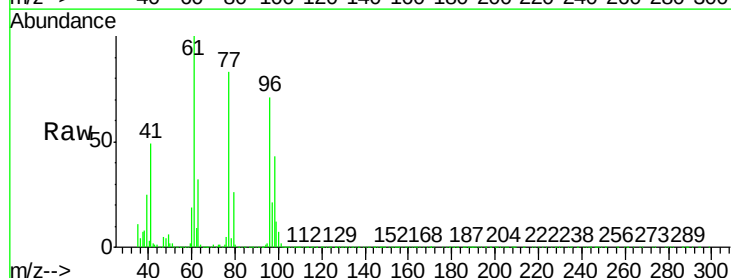
Acq: 30 Dec 2019 20:26

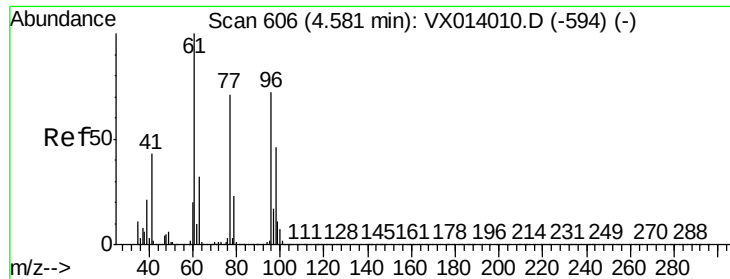
Tgt Ion: 77 Resp: 318085

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9





#27

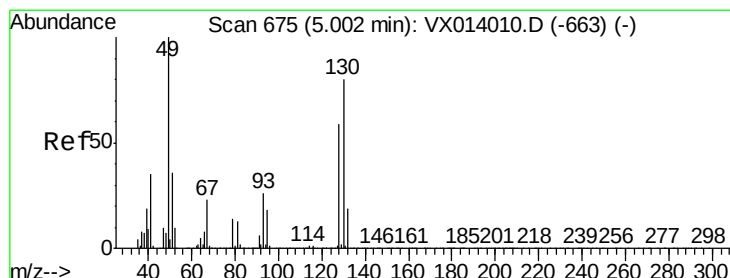
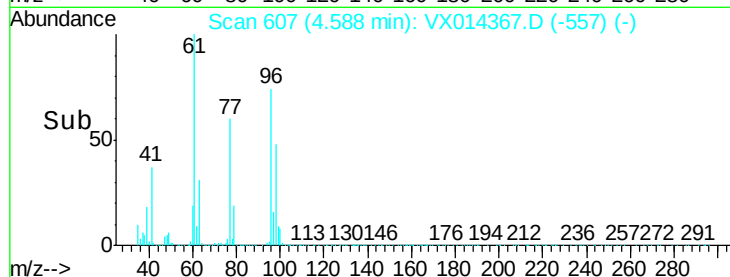
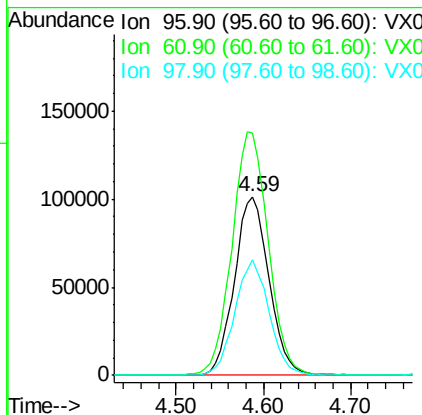
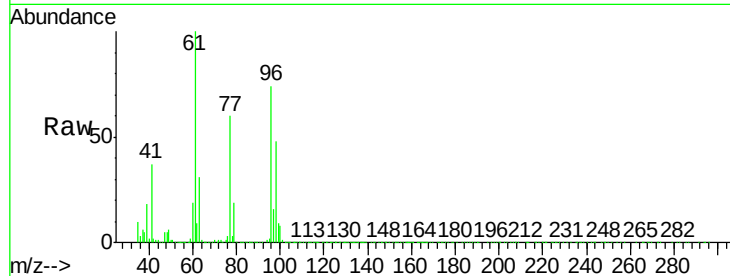
cis-1,2-Dichloroethene
Concen: 49.737 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	277839		
61	143.6	0.0	288.4	
98	63.9	0.0	129.6	

Manual Integrations
APPROVED

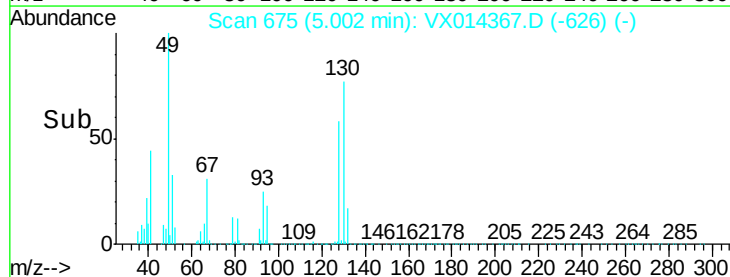
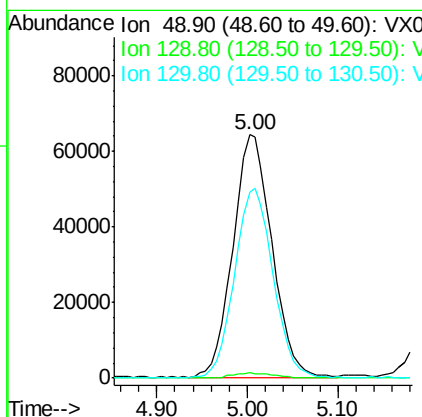
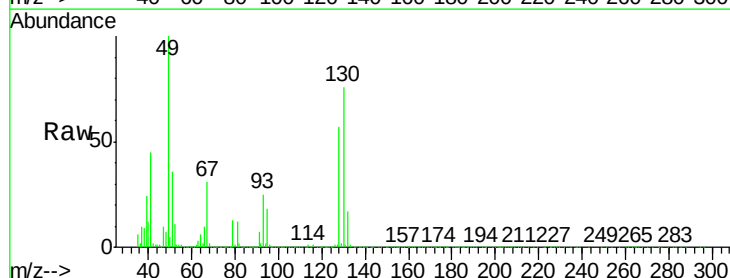
apatel
12/31/2019 9:32:49 AM

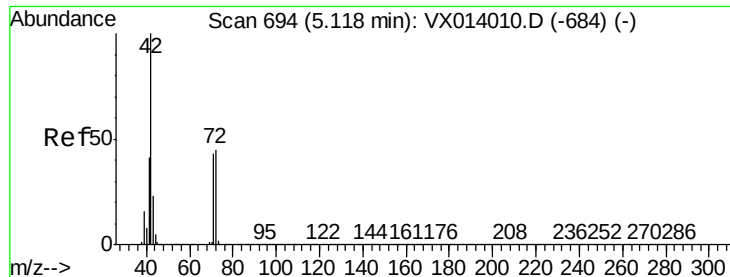


#28

Bromochloromethane
Concen: 56.193 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	191991		
129	2.3	0.0	5.0	
130	76.7	64.6	97.0	





#29

Tetrahydrofuran

Concen: 275.107 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

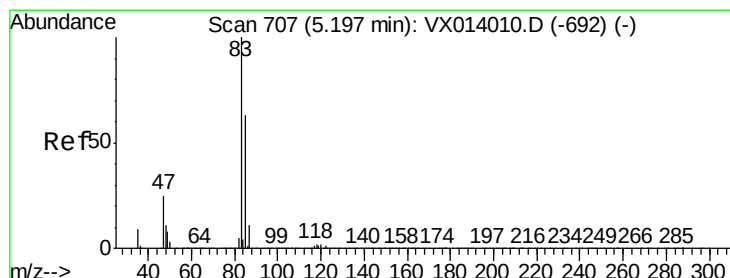
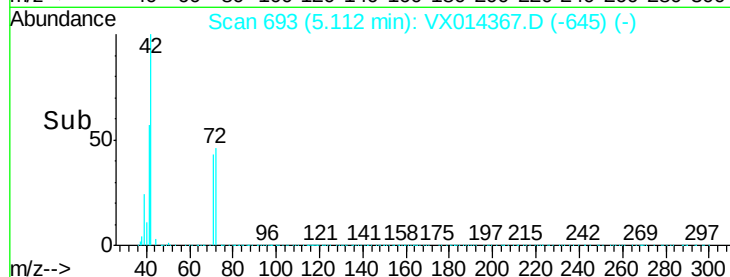
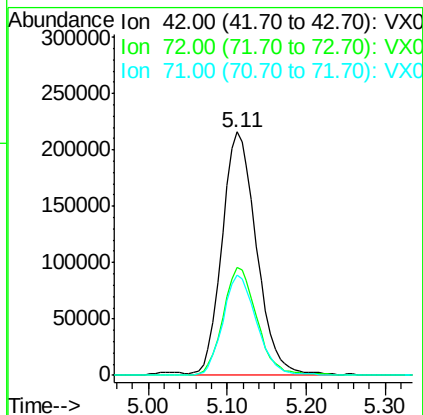
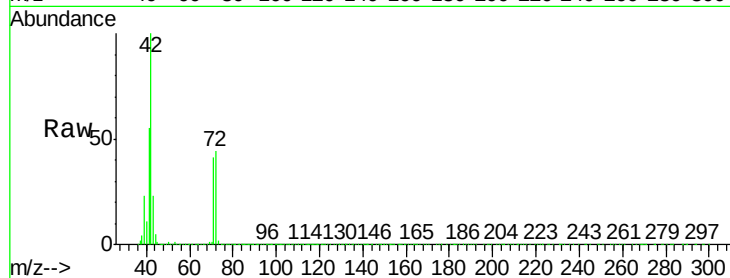
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	650592
Ion Ratio		Lower	Upper
42	100		
72	44.0	35.8	53.8
71	40.9	33.6	50.4

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#30

Chloroform

Concen: 51.418 ug/l

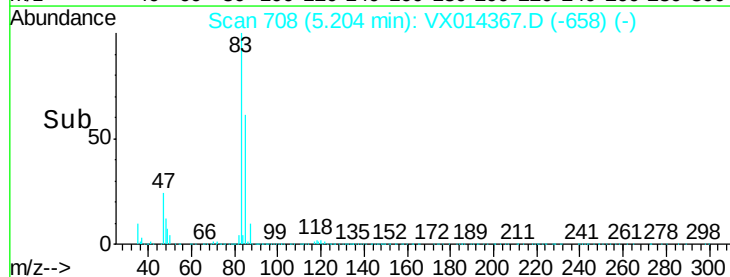
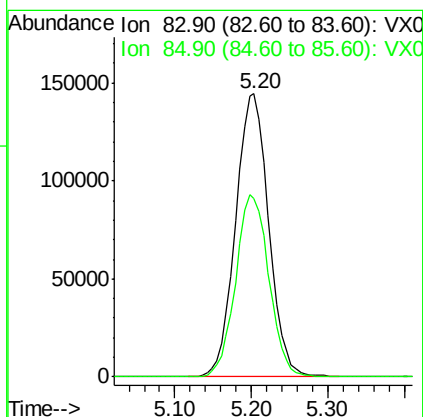
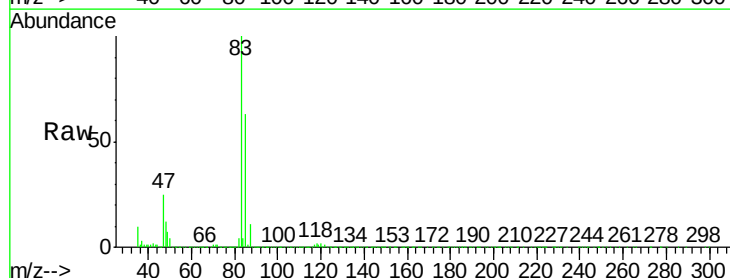
RT: 5.20 min Scan# 708

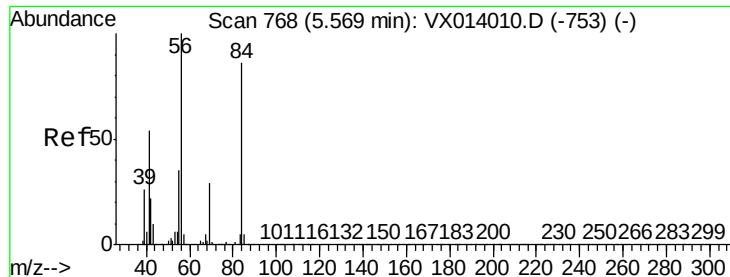
Delta R.T. 0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	83	Resp:	432601
Ion Ratio		Lower	Upper
83	100		
85	62.9	50.8	76.2





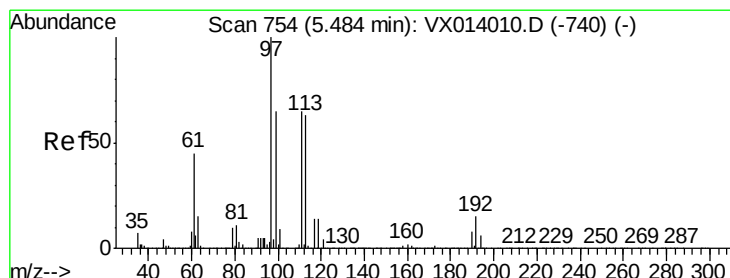
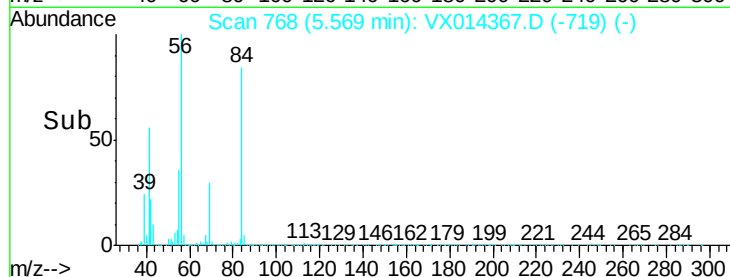
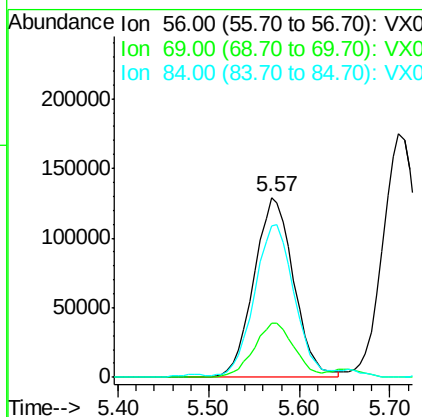
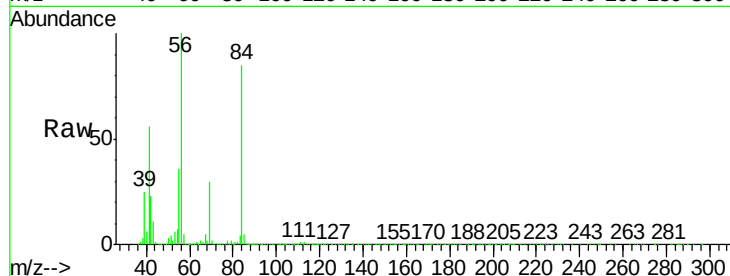
#31
Cyclohexane
Concen: 49.698 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.2	34.8
84	83.4	69.2	103.8

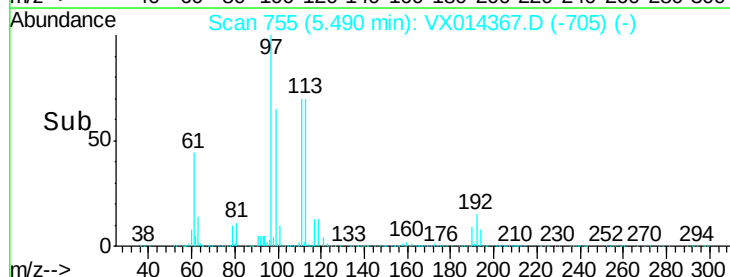
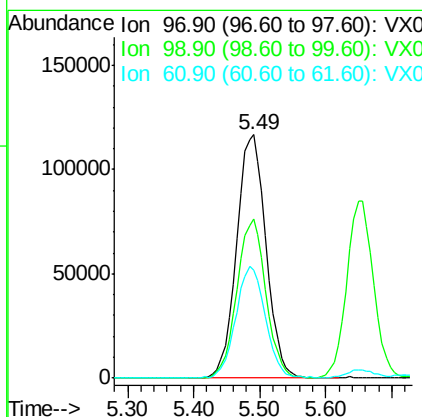
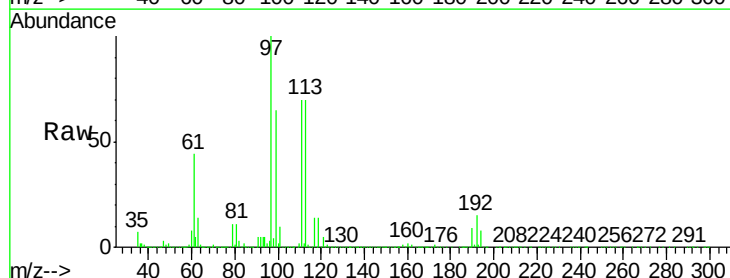
Manual Integrations
APPROVED

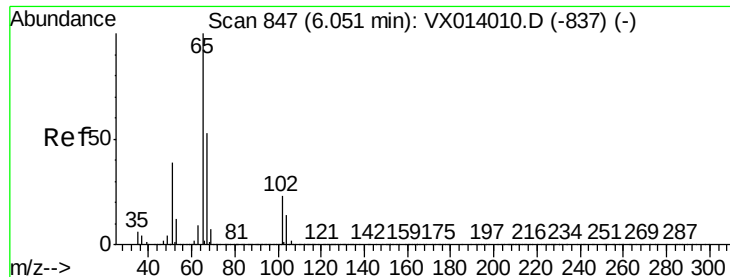
apatel
12/31/2019 9:32:49 AM



#32
1,1,1-Trichloroethane
Concen: 50.067 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	46.0	36.7	55.1





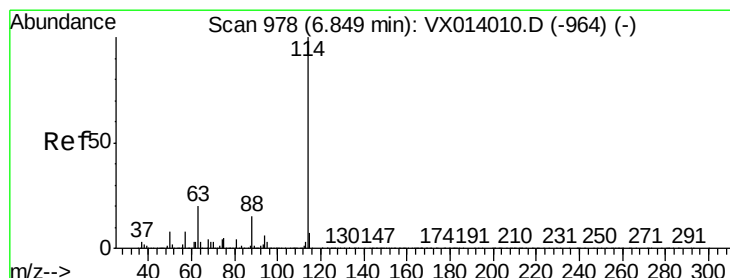
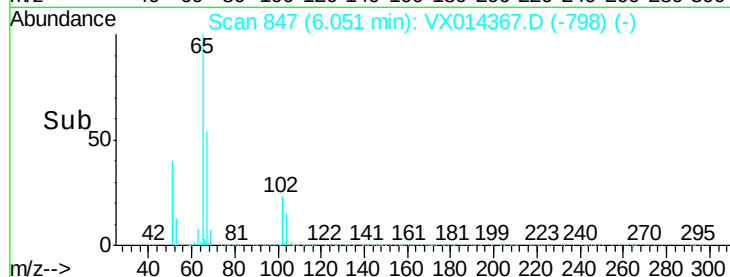
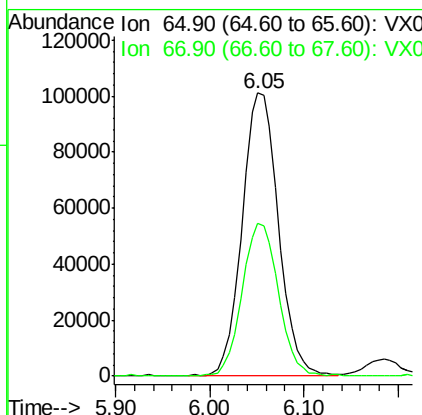
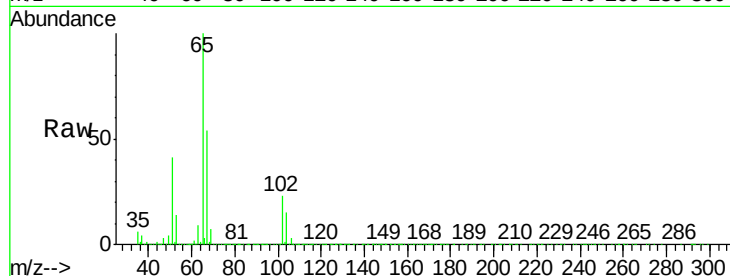
#33
 1,2-Dichloroethane-d4
 Concen: 51.113 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	269998		
67	53.6	0.0	106.4	

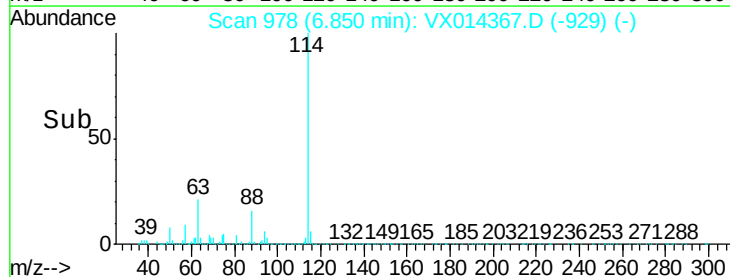
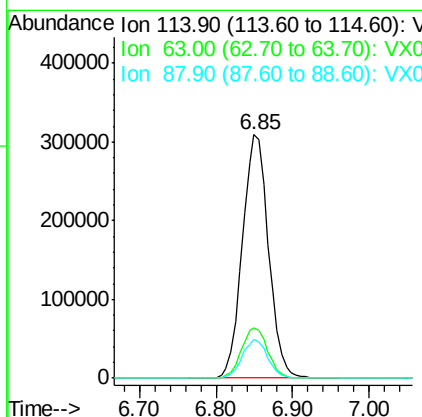
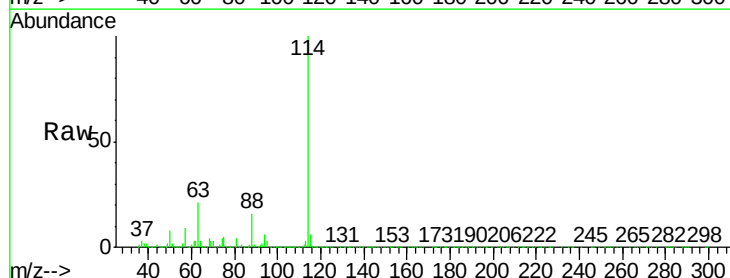
Manual Integrations
 APPROVED

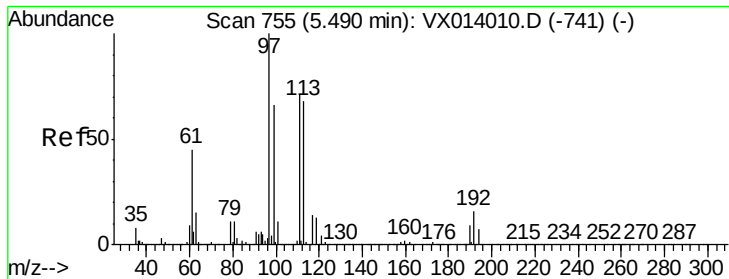
apatel
 12/31/2019 9:32:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	733717		
63	20.7	0.0	40.8	
88	16.2	0.0	30.4	





#35

Dibromofluoromethane

Concen: 51.165 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

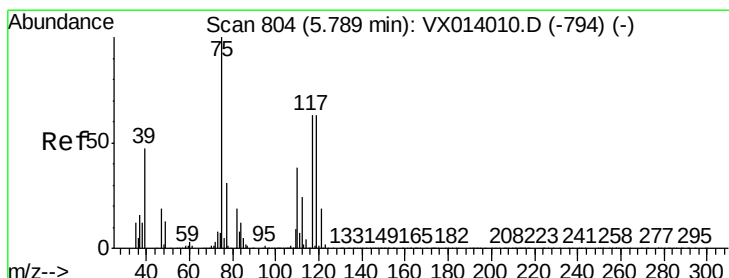
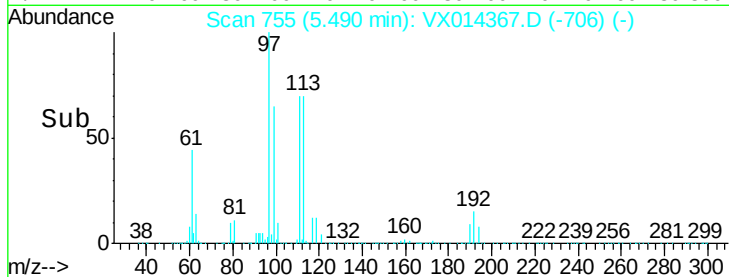
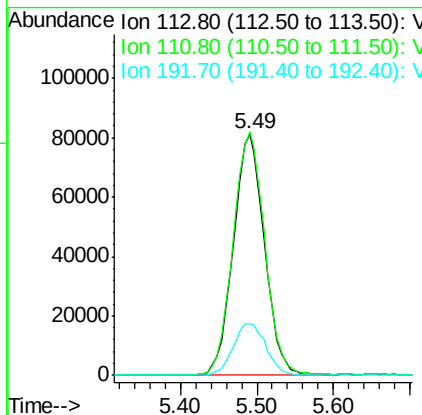
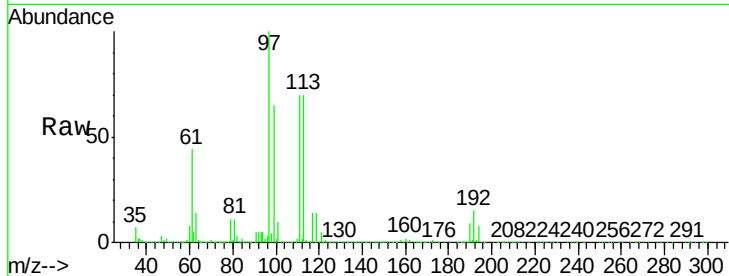
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	228204
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.0	123.0
192	22.8	19.3	28.9

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#36

1,1-Dichloropropene

Concen: 47.460 ug/l

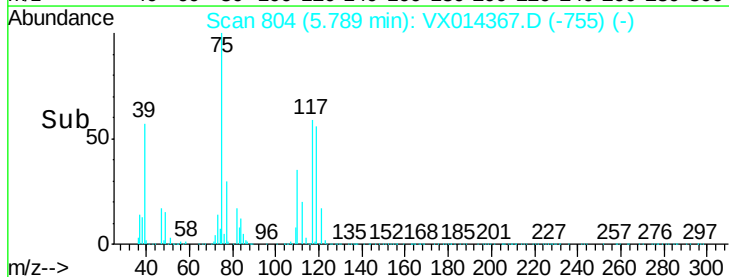
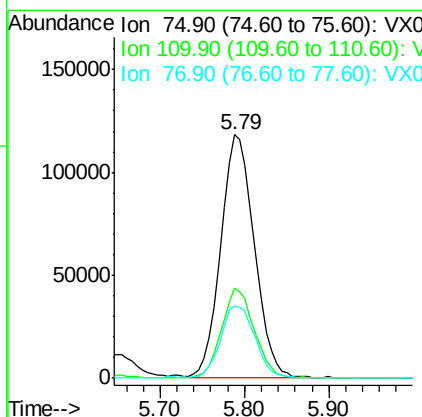
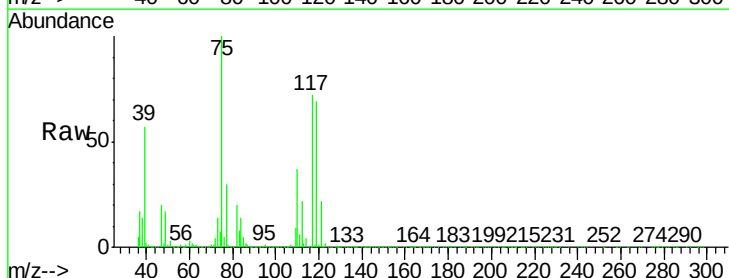
RT: 5.79 min Scan# 804

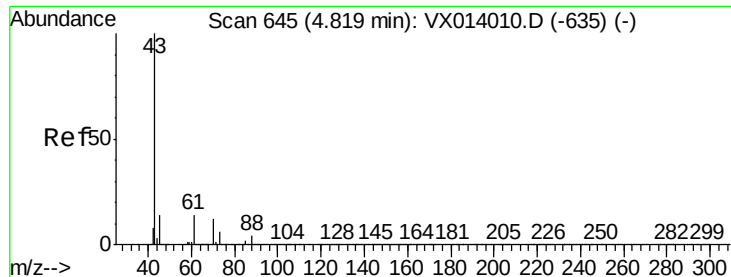
Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	75	Resp:	319517
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.3	54.9
77	30.1	24.8	37.2





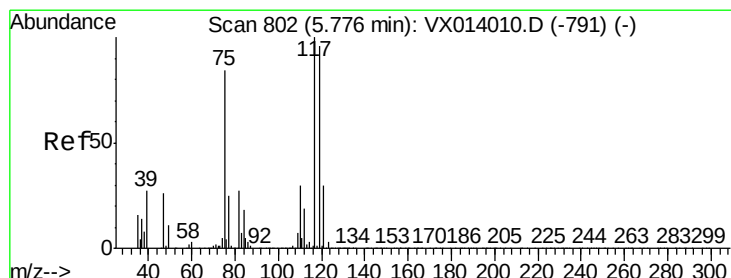
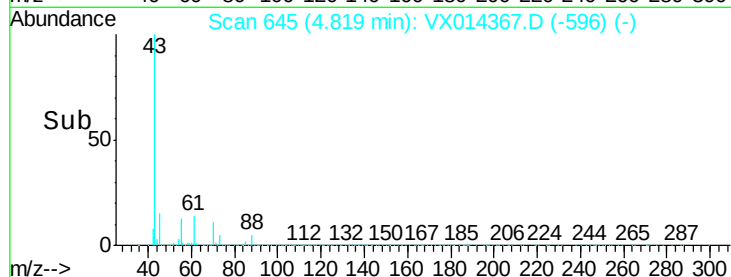
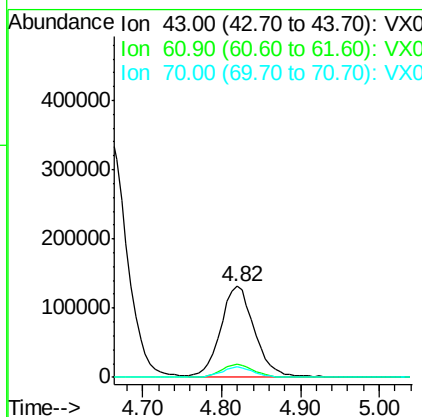
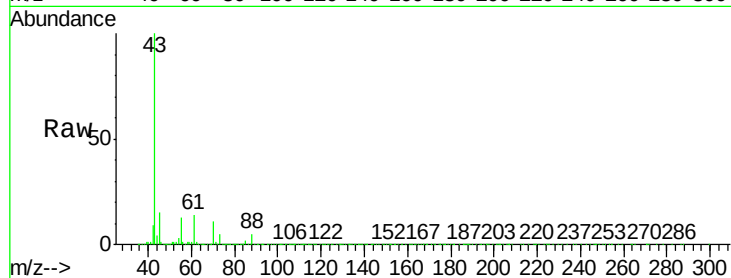
#37
Ethyl Acetate
Concen: 52.079 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	387172
Ion Ratio	Lower	Upper	
43	100		
61	14.1	10.8	16.2
70	10.8	8.6	12.8

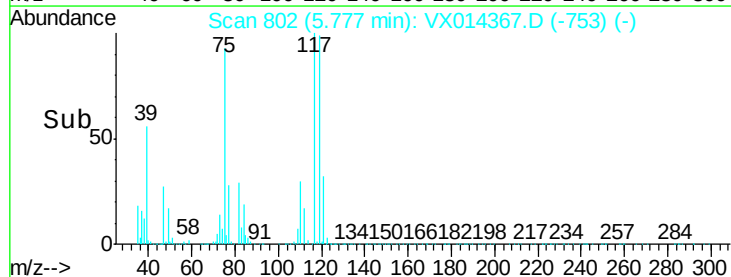
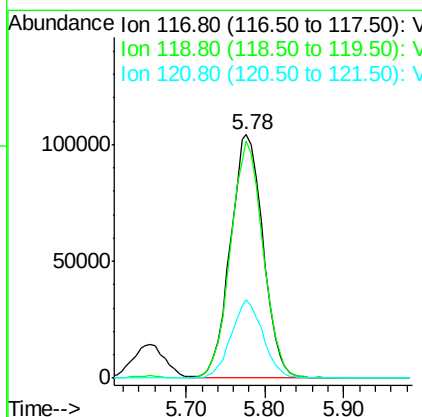
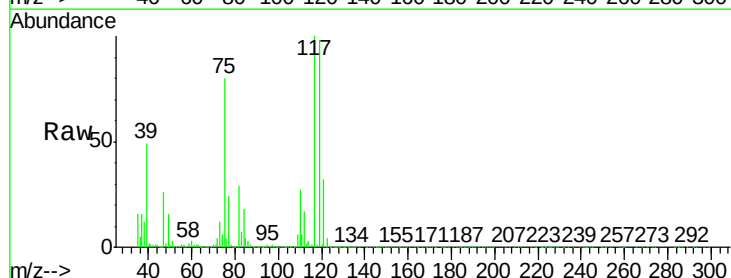
Manual Integrations
APPROVED

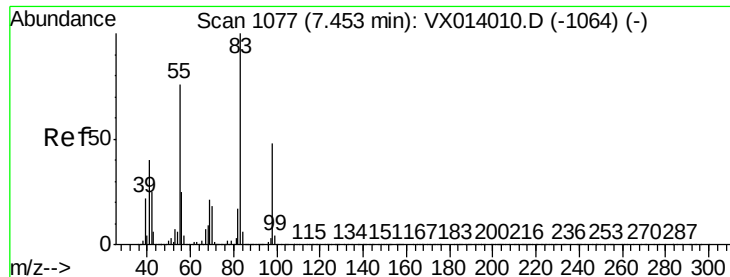
apatel
12/31/2019 9:32:49 AM



#38
Carbon Tetrachloride
Concen: 48.840 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	117	Resp	299540
Ion Ratio	Lower	Upper	
117	100		
119	97.7	76.2	114.4
121	32.0	23.6	35.4





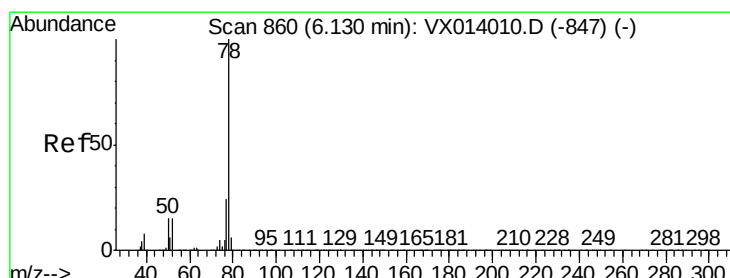
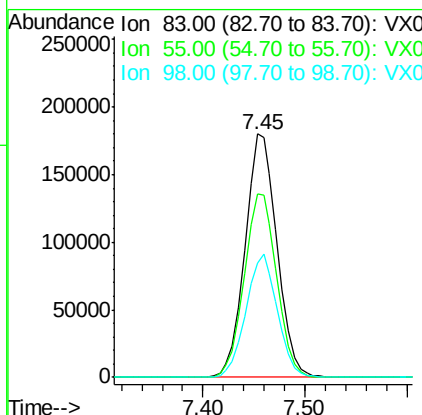
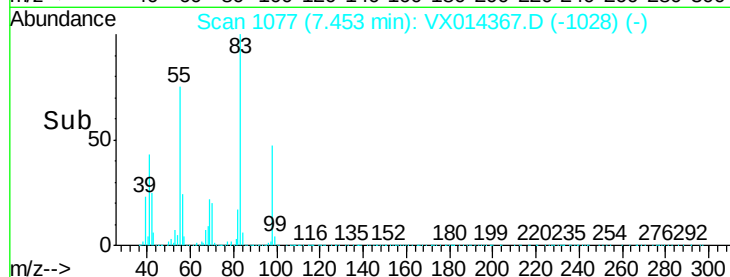
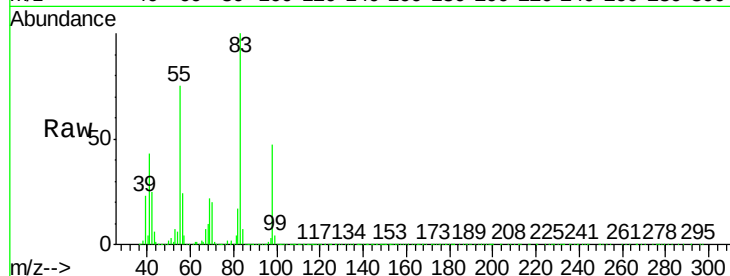
#39
Methylvlcyclohexane
Concen: 46.856 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.0	91.6
98	47.1	38.6	57.8

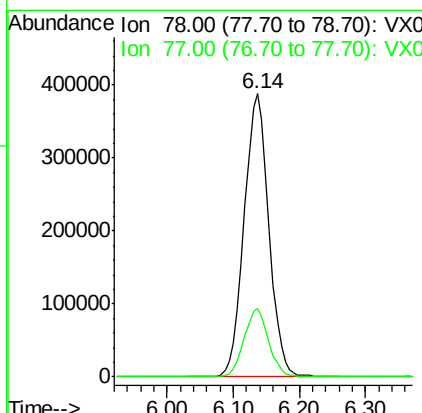
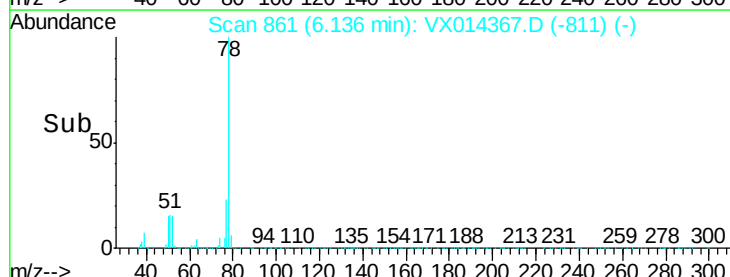
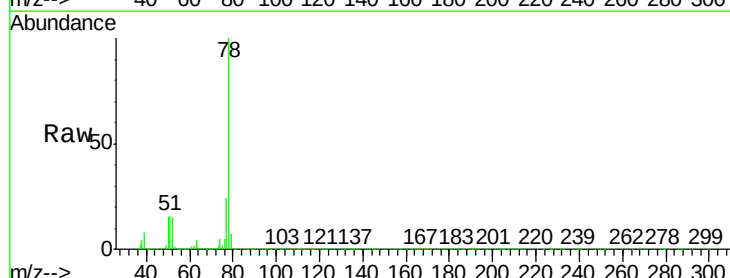
Manual Integrations
APPROVED

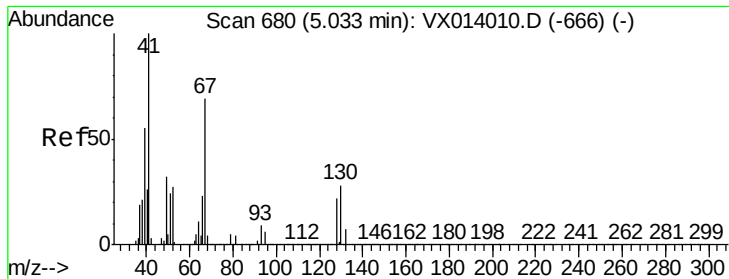
apatel
12/31/2019 9:32:49 AM



#40
Benzene
Concen: 48.665 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





#41

Methacrylonitrile

Concen: 53.413 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

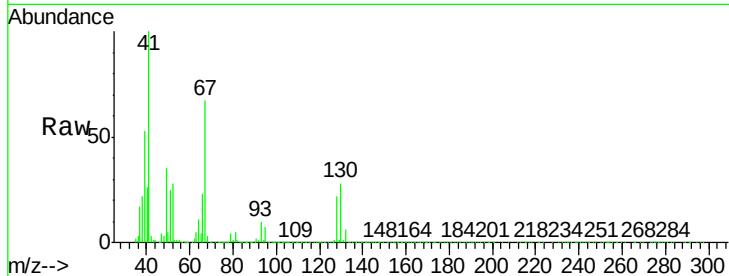
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	69.7	57.4	86.0
52	26.6	23.0	34.4

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM

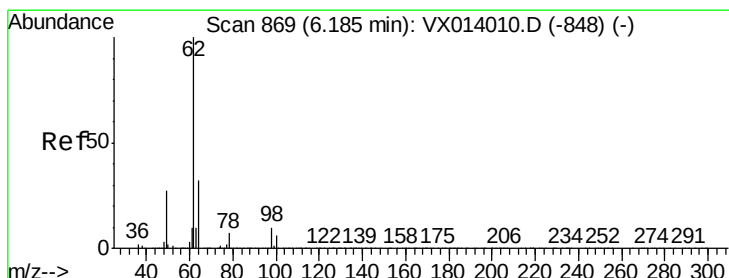
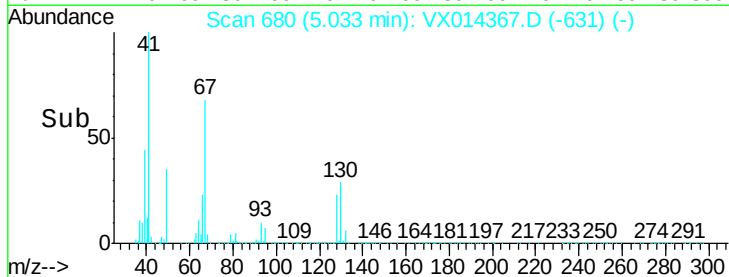
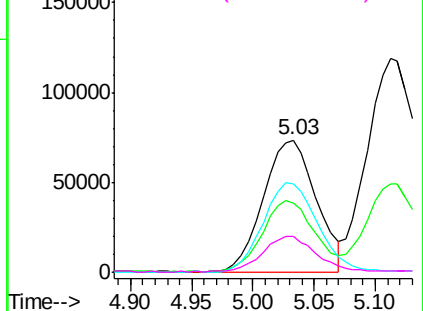


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.279 ug/l

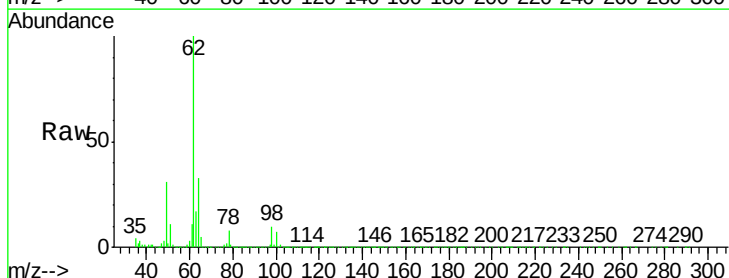
RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014367.D

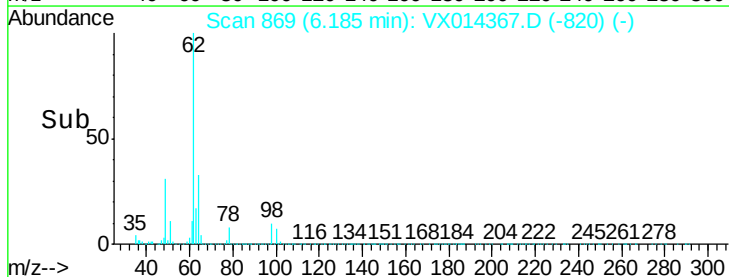
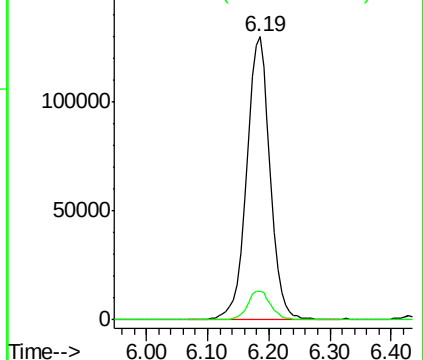
Acq: 30 Dec 2019 20:26

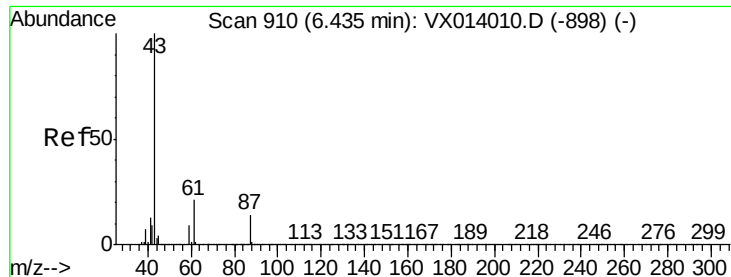
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.102 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

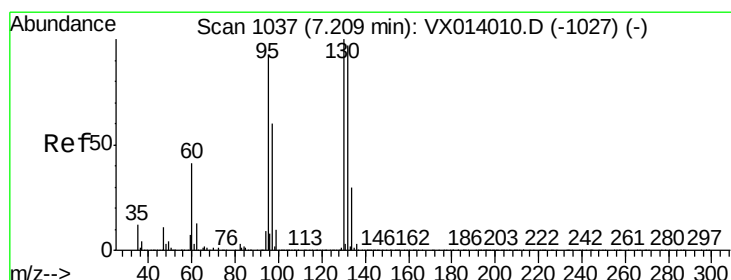
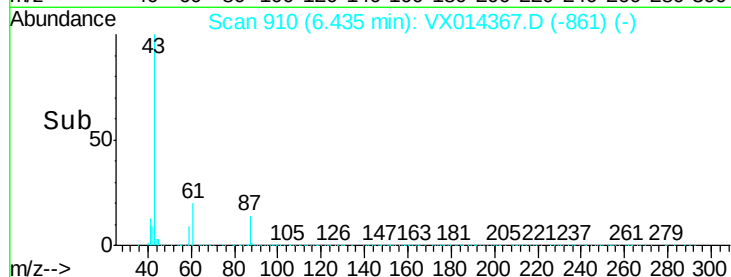
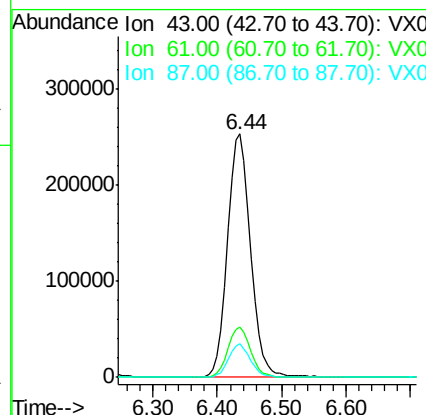
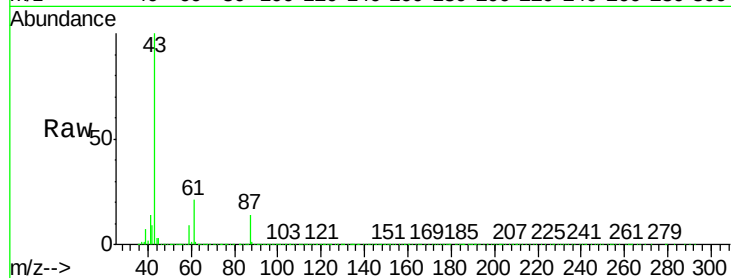
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	641035
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.4	24.6
87	12.8	10.7	16.1

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#44

Trichloroethene

Concen: 46.443 ug/l

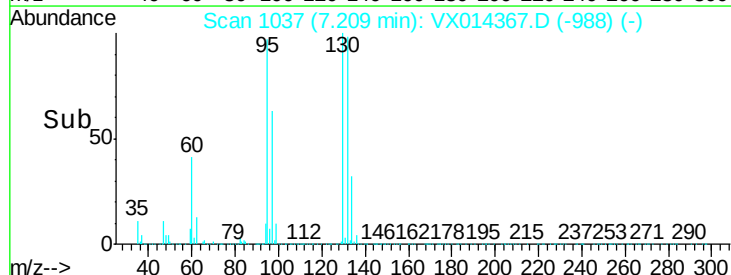
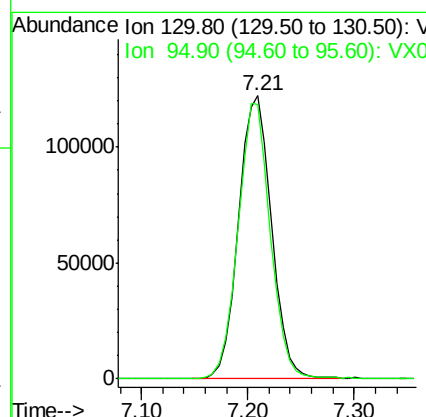
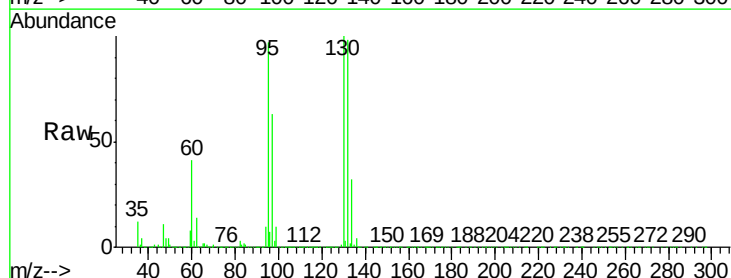
RT: 7.21 min Scan# 1037

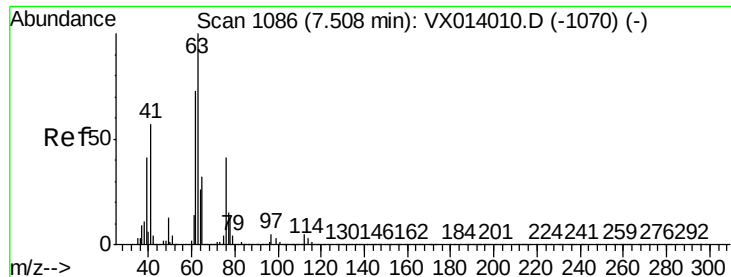
Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	130	Resp:	265725
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	185.6





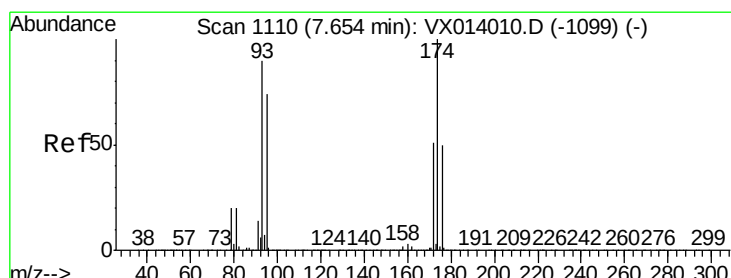
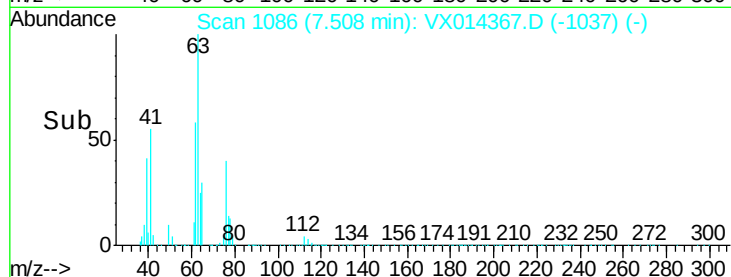
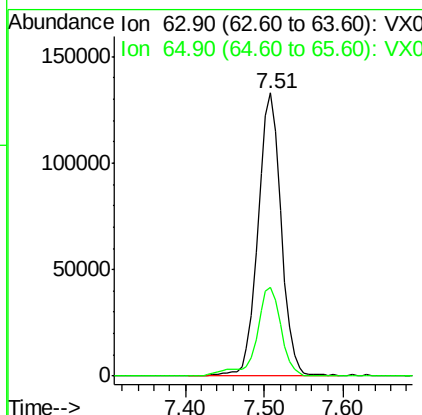
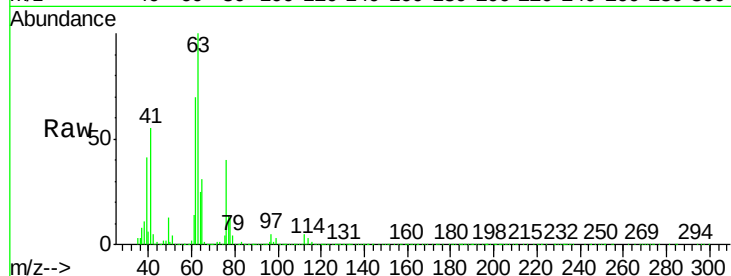
#45
 1,2-Dichloropropane
 Concen: 50.710 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.8	38.8

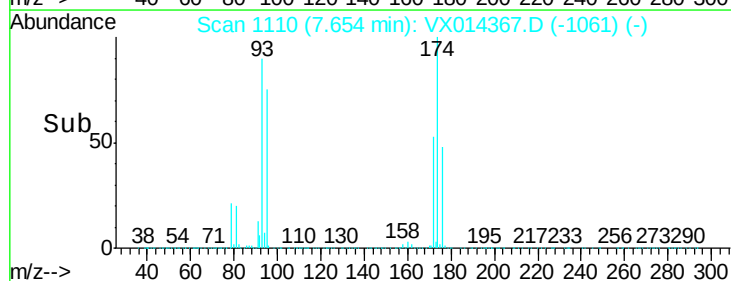
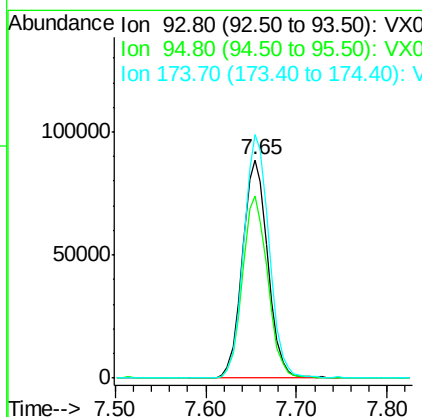
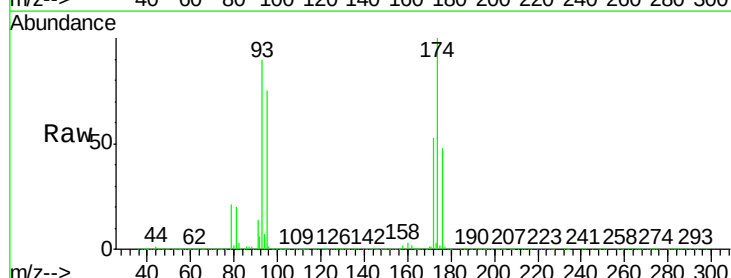
Manual Integrations
 APPROVED

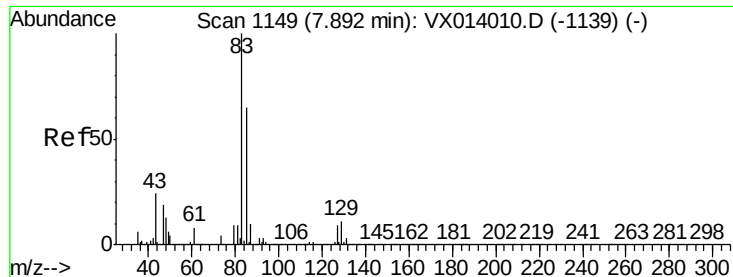
apatel
 12/31/2019 9:32:49 AM



#46
 Dibromomethane
 Concen: 48.613 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.3	100.9
174	111.6	91.6	137.4





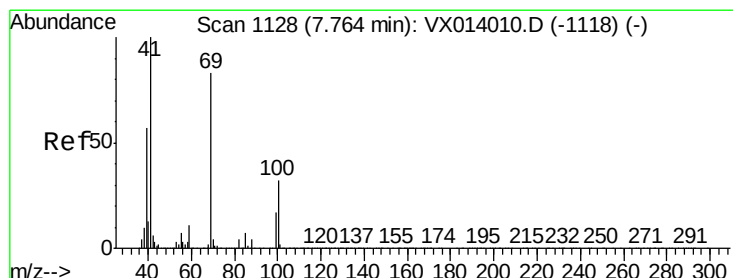
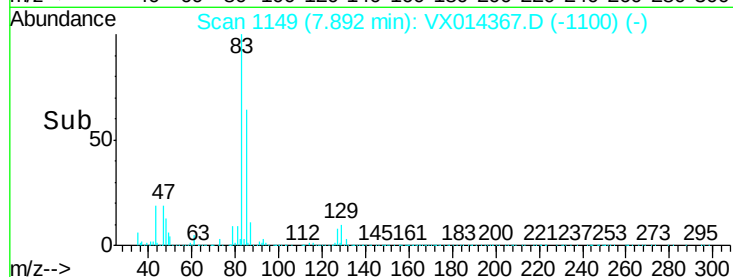
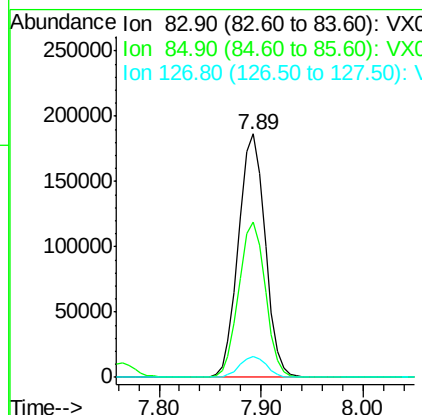
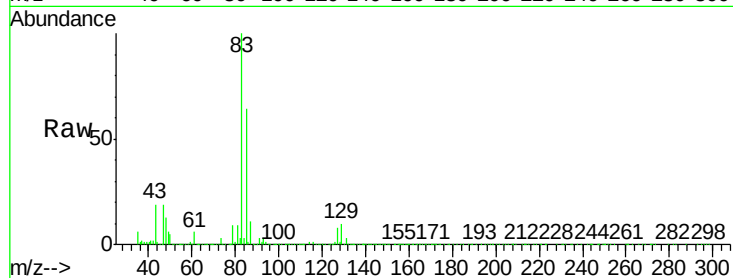
#47
Bromodichloromethane
Concen: 51.236 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.5	51.8	77.8	
127	8.3	7.0	10.4	

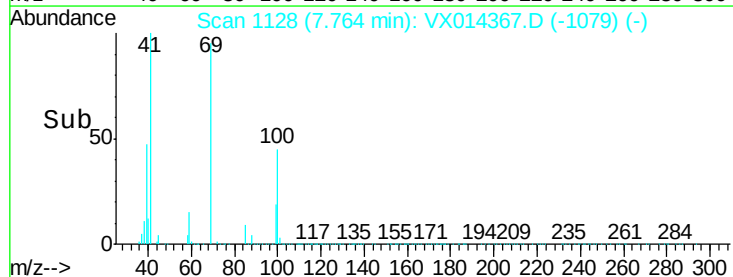
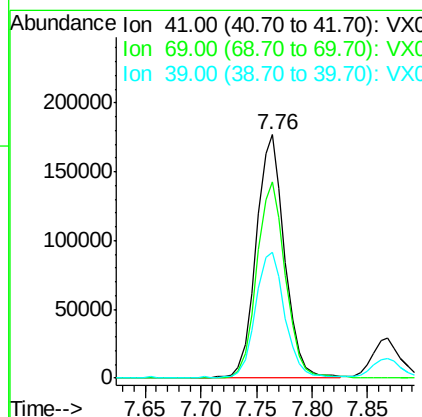
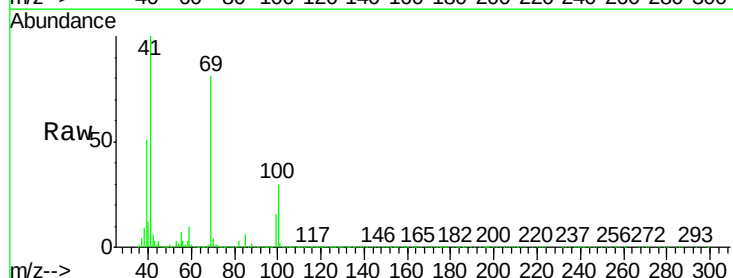
Manual Integrations
APPROVED

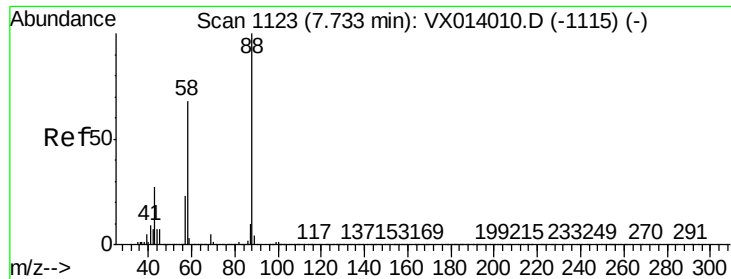
apatel
12/31/2019 9:32:49 AM



#48
Methyl methacrylate
Concen: 51.734 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	82.6	65.8	98.6	
39	53.5	44.6	67.0	





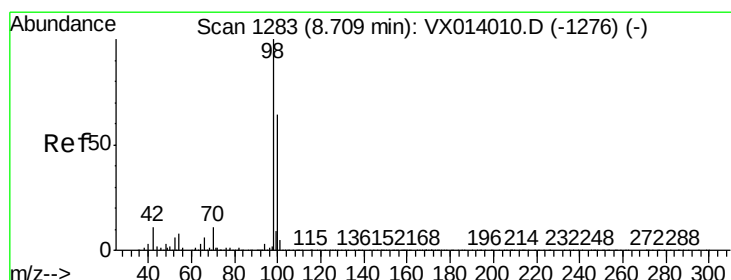
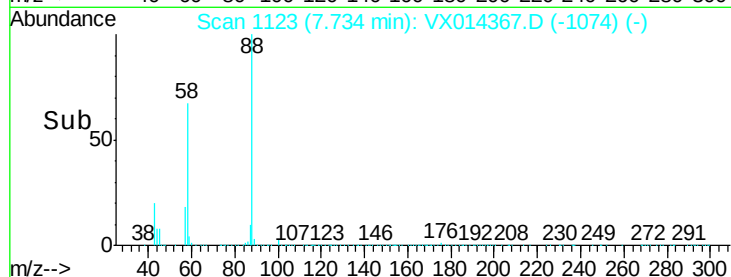
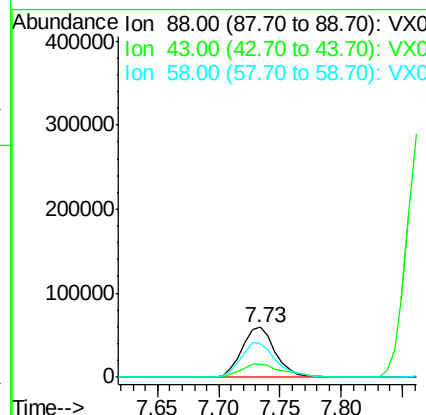
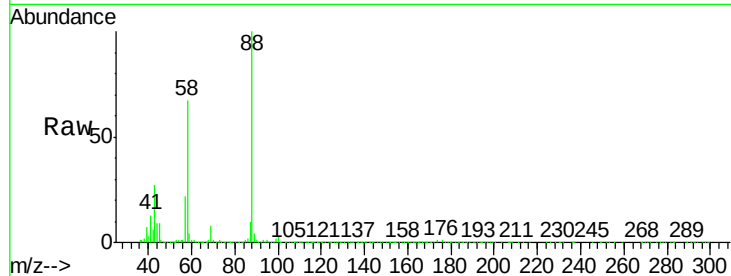
#49
1,4-Dioxane
Concen: 913.850 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.5	39.7
58	72.3	56.8	85.2

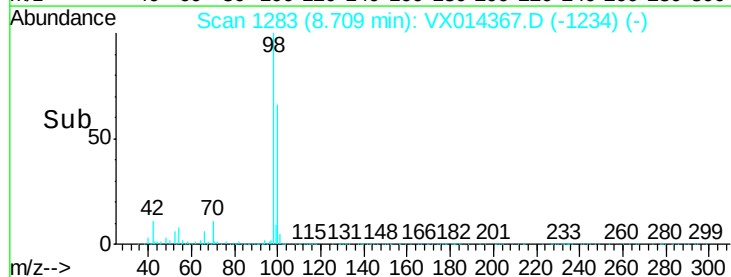
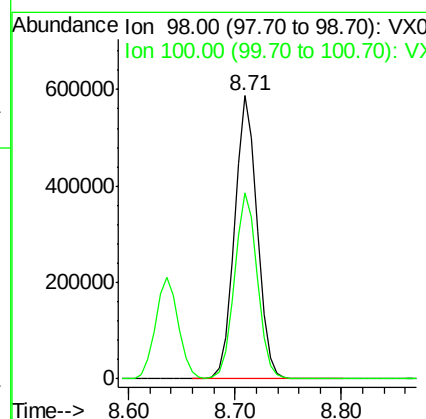
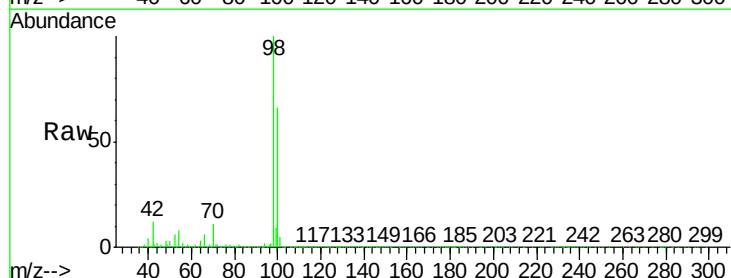
Manual Integrations
APPROVED

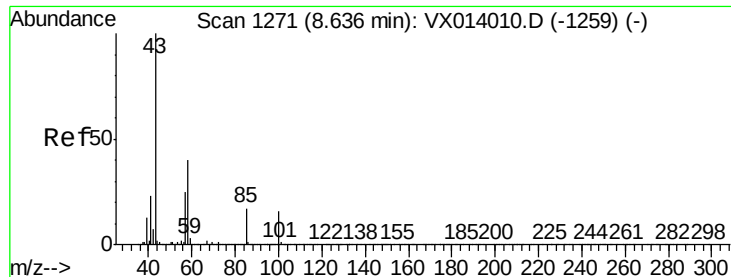
apatel
12/31/2019 9:32:49 AM



#50
Toluene-d8
Concen: 50.423 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 261.037 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2016974

Ion Ratio Lower Upper

43 100

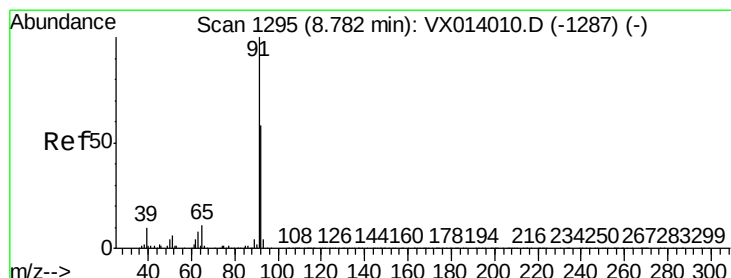
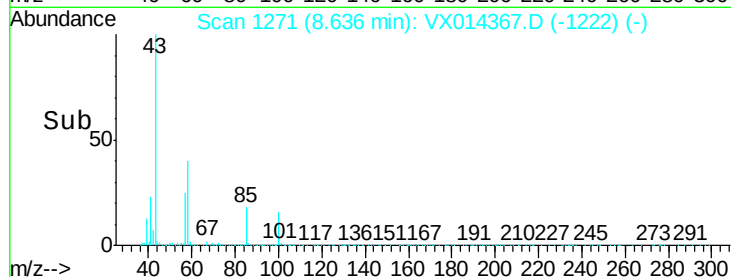
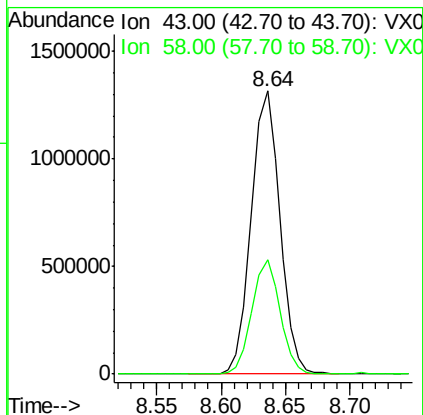
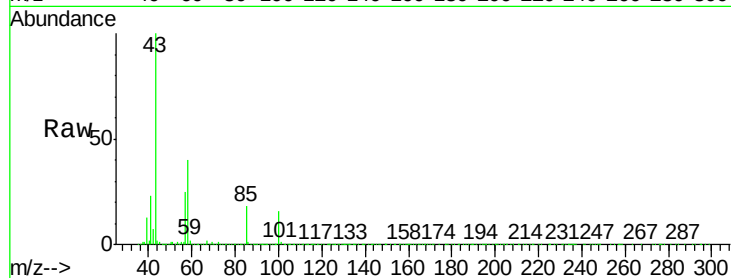
58 39.7 32.2 48.2

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#52

Toluene

Concen: 48.246 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014367.D

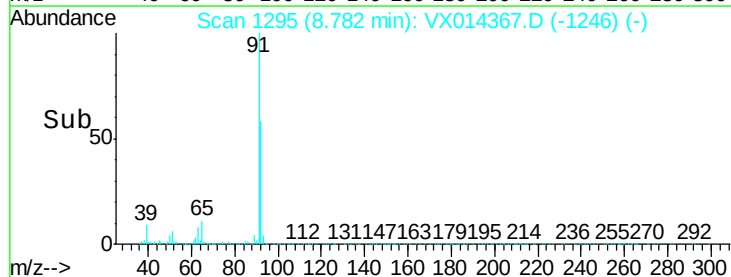
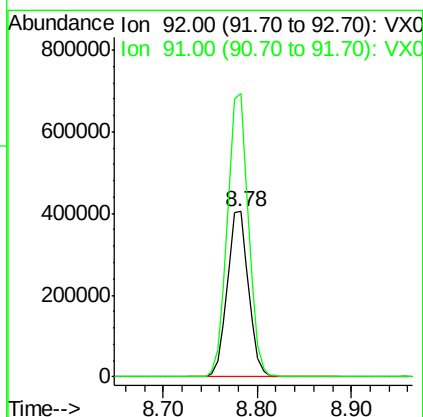
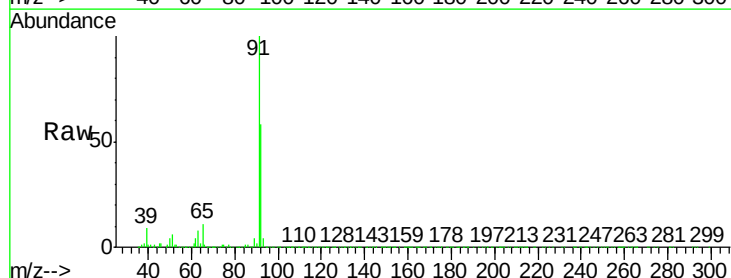
Acq: 30 Dec 2019 20:26

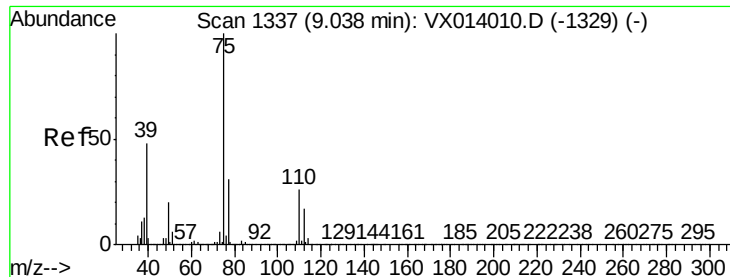
Tgt Ion: 92 Resp: 631679

Ion Ratio Lower Upper

92 100

91 170.9 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.306 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 371919

Ion Ratio Lower Upper

75 100

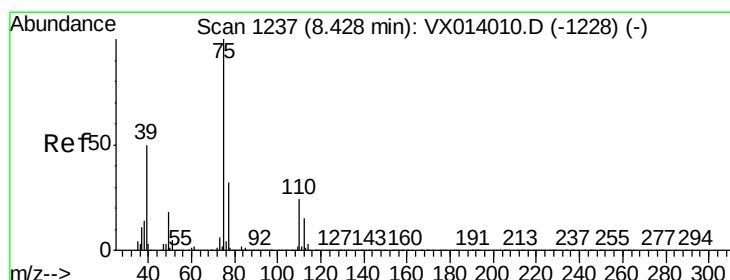
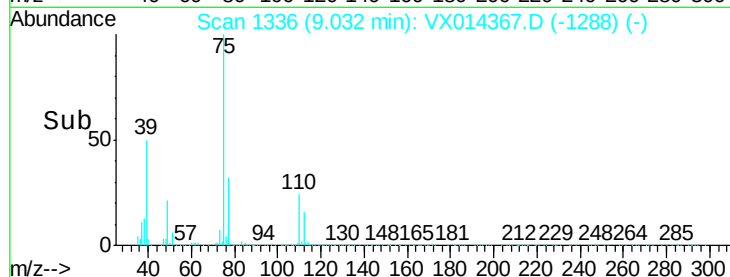
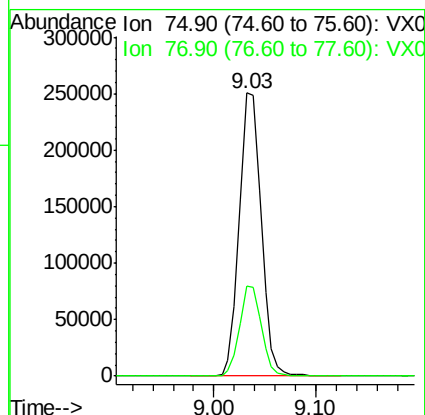
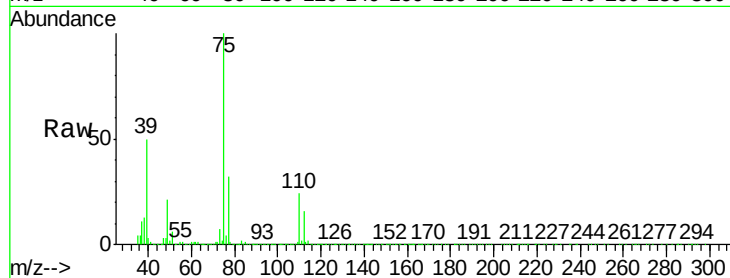
77 31.9 25.1 37.7

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#54

cis-1,3-Dichloropropene

Concen: 51.535 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

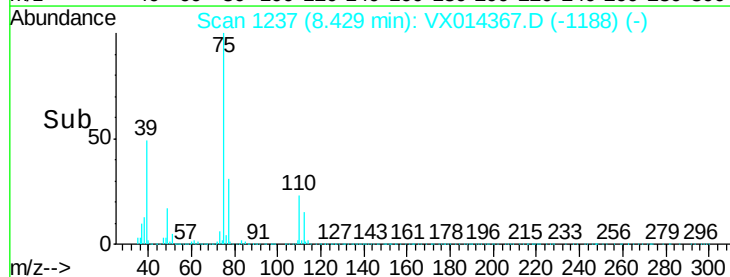
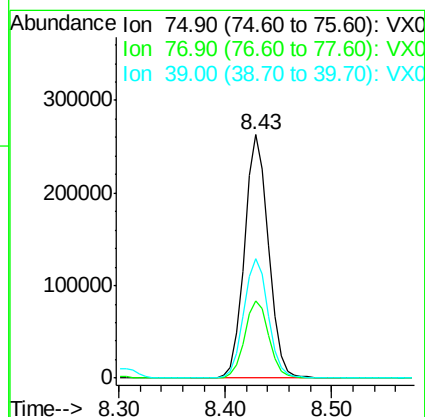
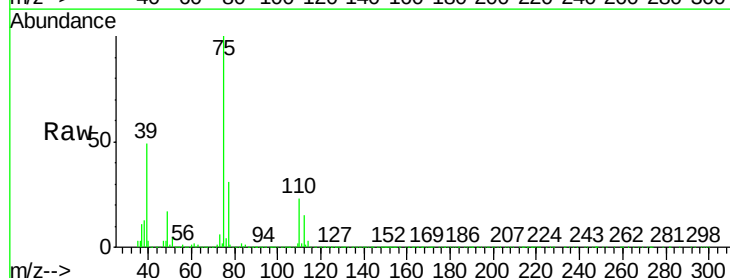
Tgt Ion: 75 Resp: 416194

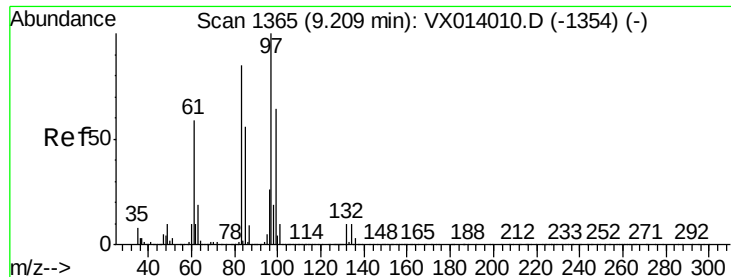
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 48.8 39.9 59.9





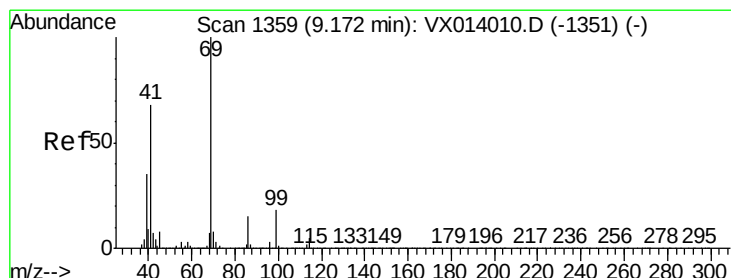
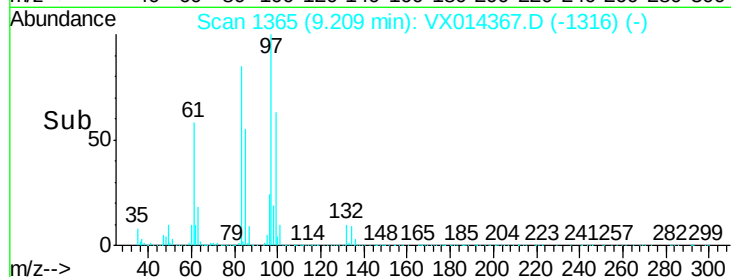
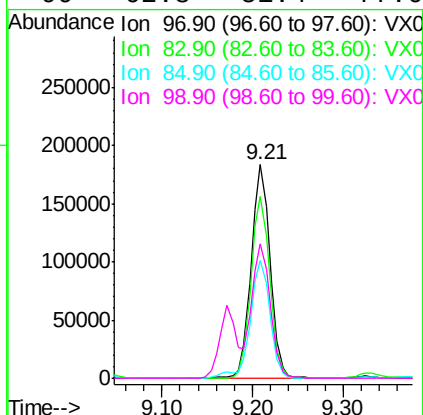
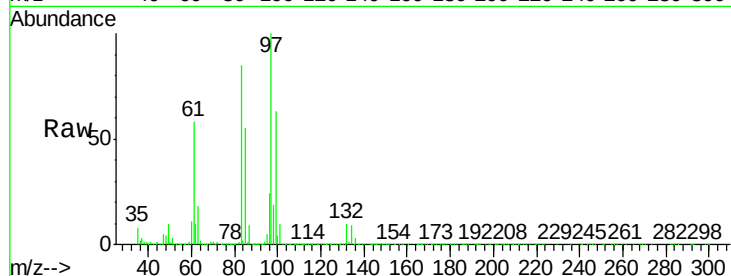
#55
 1,1,2-Trichloroethane
 Concen: 50.589 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		265469		
83	84.9	68.2	102.4		
85	55.1	44.6	66.8		
99	62.8	51.4	77.0		

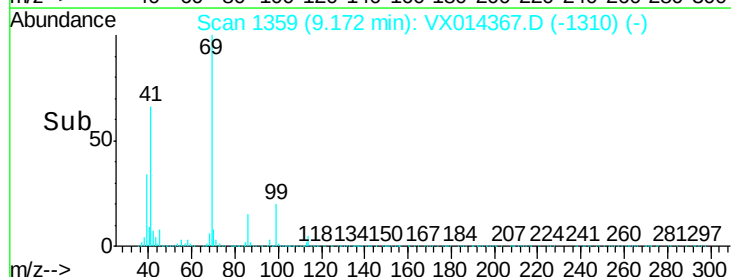
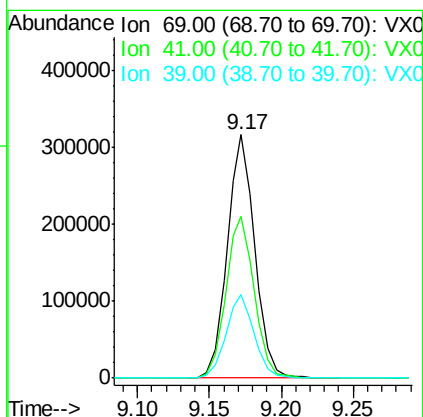
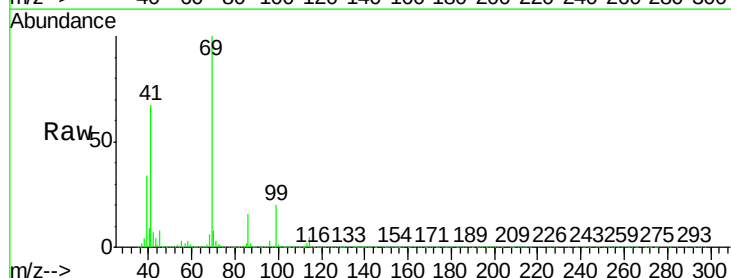
Manual Integrations
 APPROVED

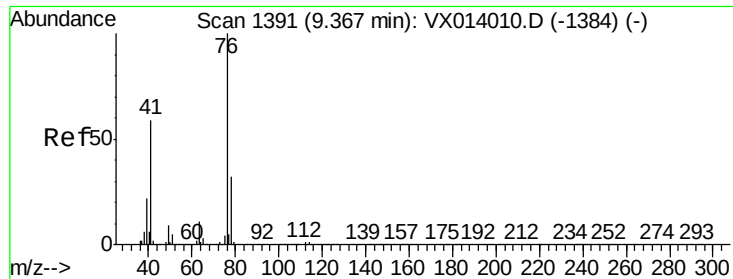
apatel
 12/31/2019 9:32:49 AM



#56
 Ethyl methacrylate
 Concen: 51.441 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		424024		
41	68.1	54.8	82.2		
39	34.8	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 51.339 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 453266

Ion Ratio Lower Upper

76 100

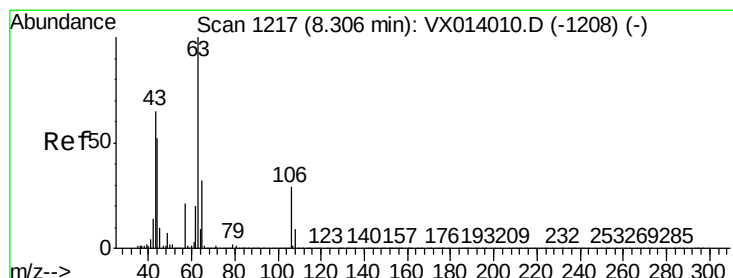
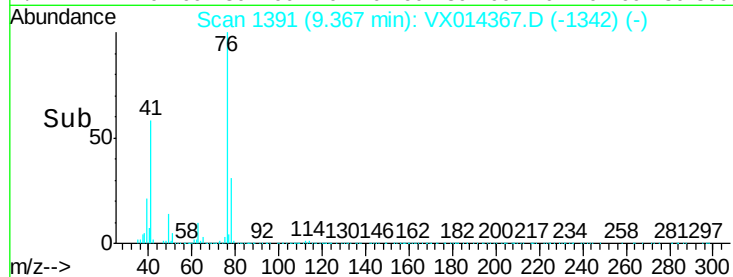
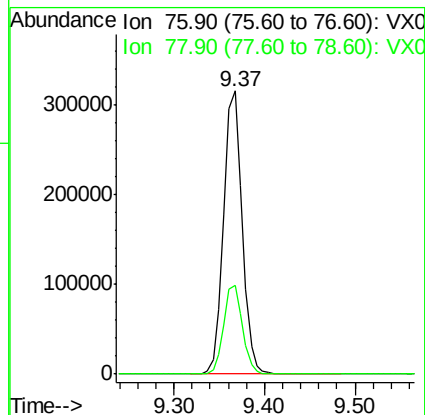
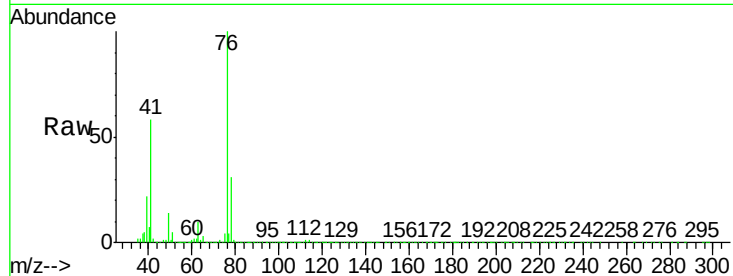
78 31.5 25.8 38.6

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#58

2-Chloroethyl Vinyl ether

Concen: 268.984 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014367.D

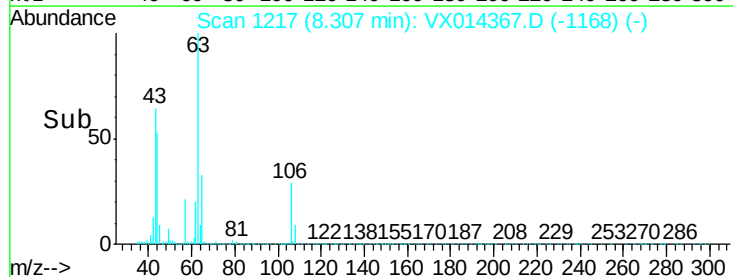
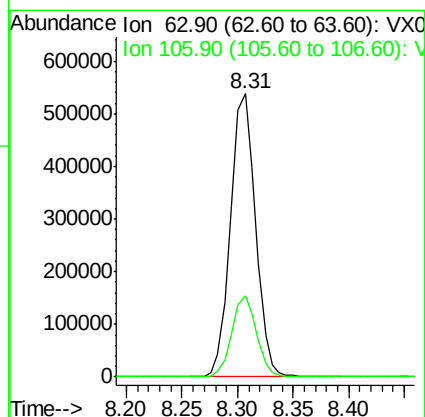
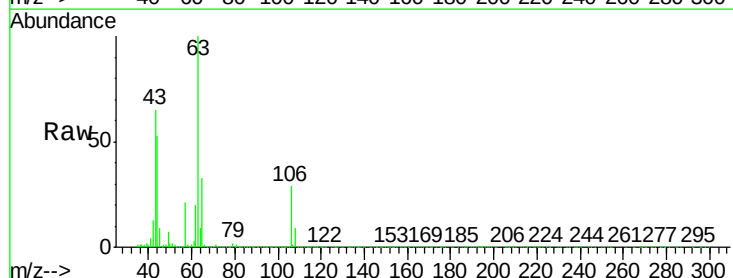
Acq: 30 Dec 2019 20:26

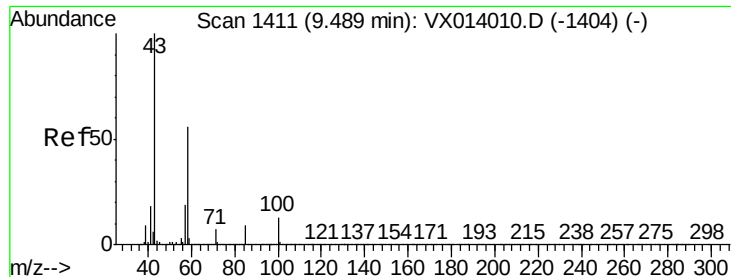
Tgt Ion: 63 Resp: 839079

Ion Ratio Lower Upper

63 100

106 28.2 23.0 34.6





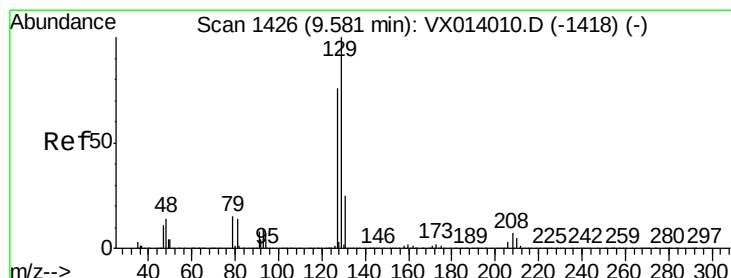
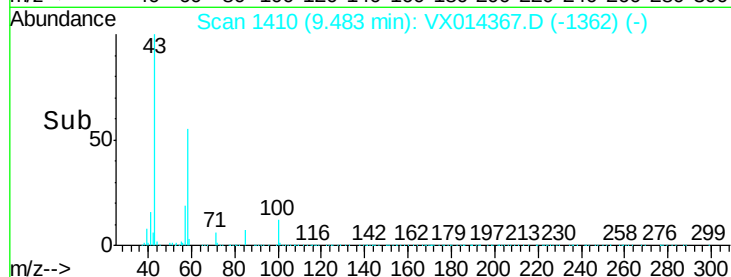
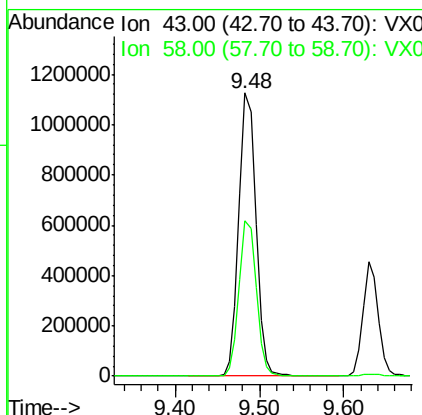
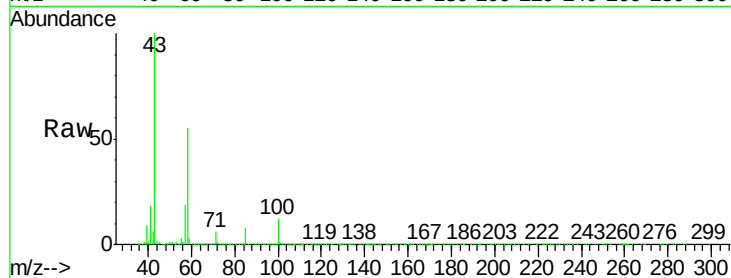
#59
2-Hexanone
Concen: 246.436 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1532848
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0

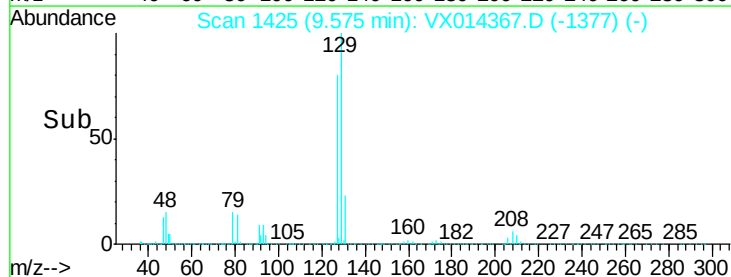
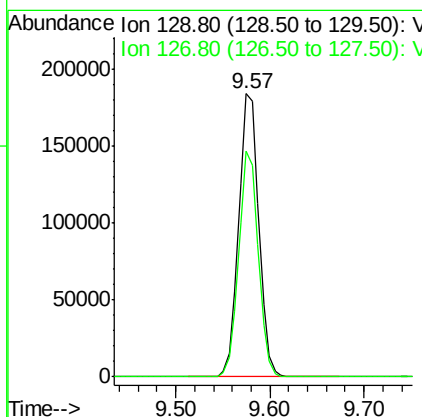
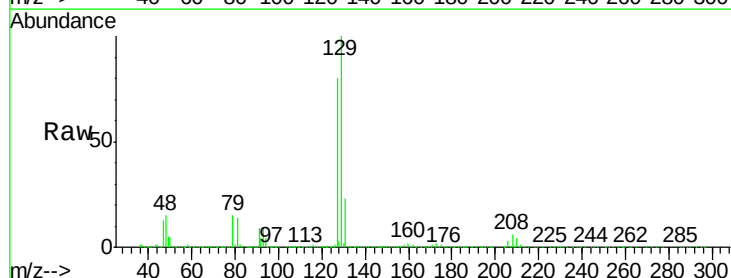
Manual Integrations
APPROVED

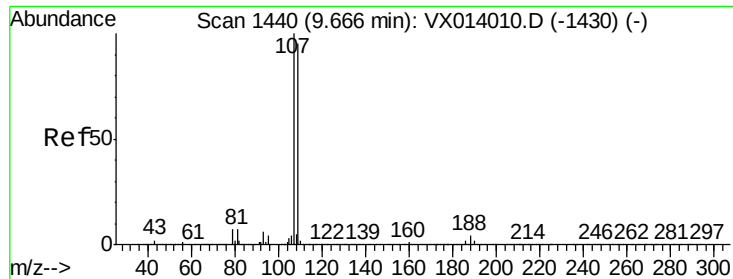
apatel
12/31/2019 9:32:49 AM



#60
Dibromochloromethane
Concen: 52.374 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion: 129 Resp: 273186
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.212 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 269592

Ion Ratio Lower Upper

107 100

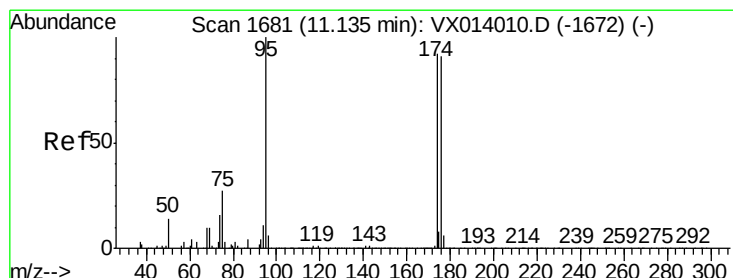
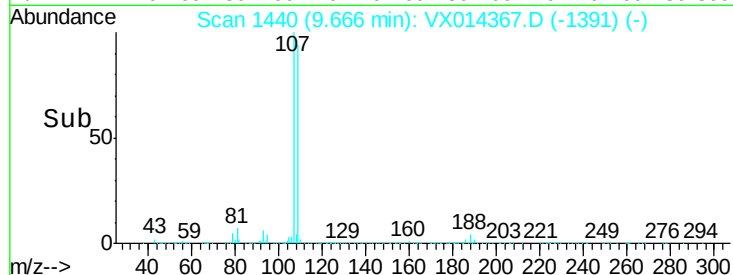
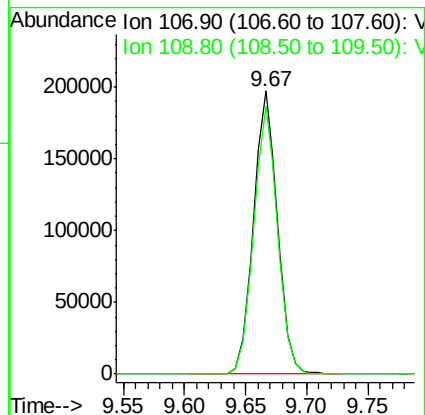
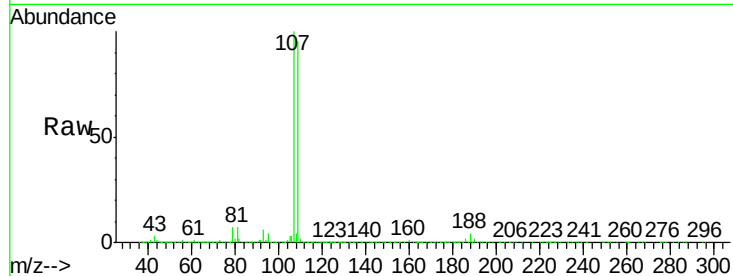
109 94.5 75.7 113.5

Manual Integrations

APPROVED

apatel

12/31/2019 9:32:49 AM



#62

4-Bromofluorobenzene

Concen: 49.263 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

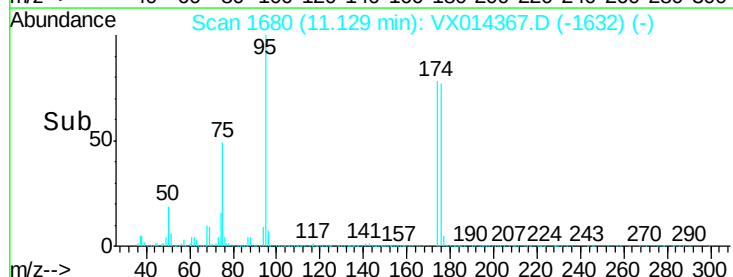
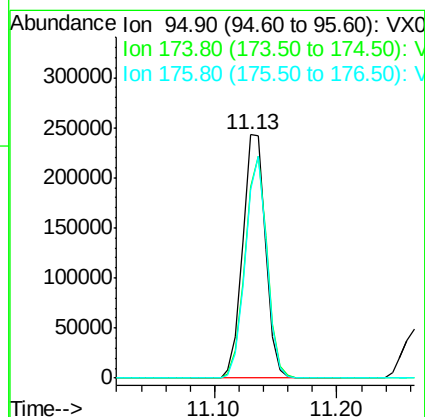
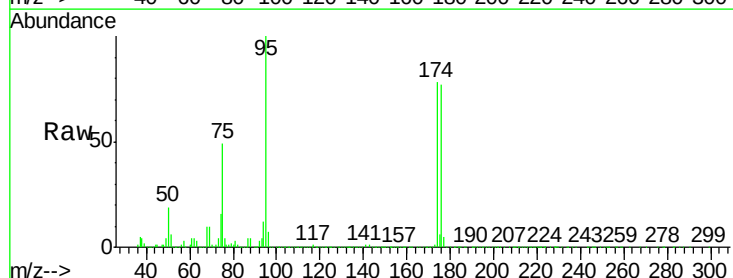
Tgt Ion: 95 Resp: 312699

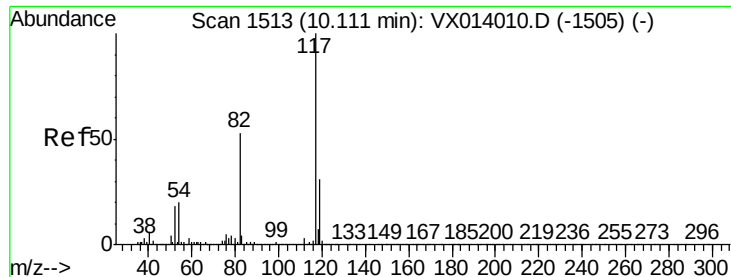
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 86.0 0.0 173.0





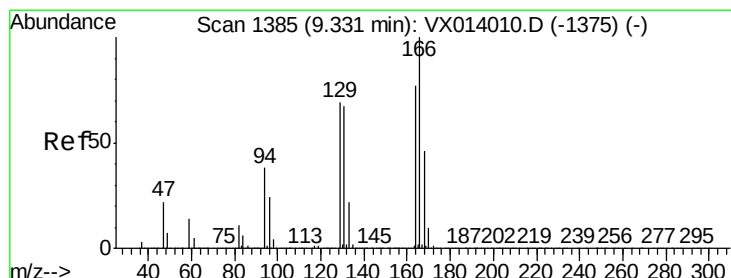
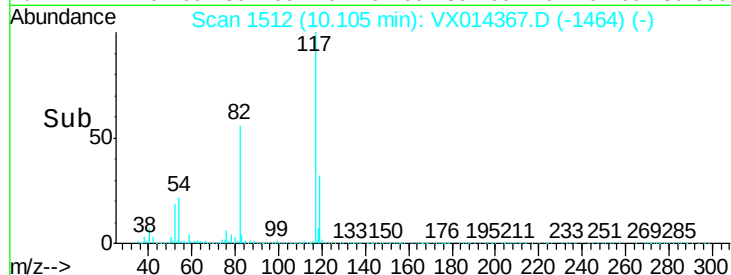
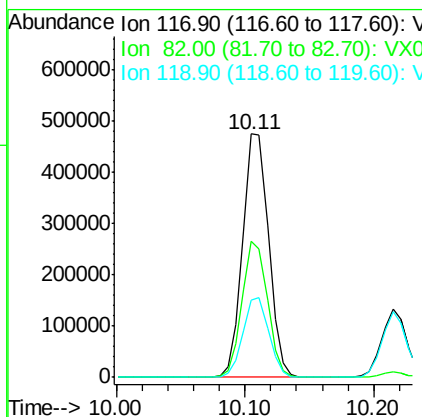
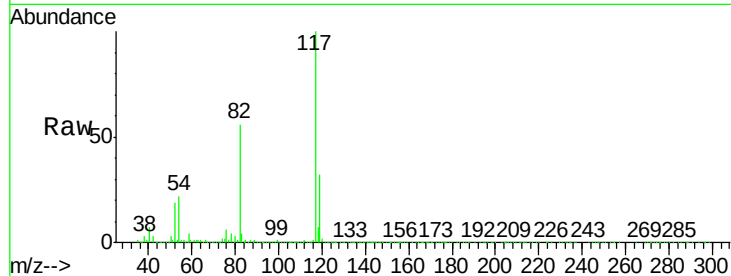
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.2	63.4
119	31.6	25.1	37.7

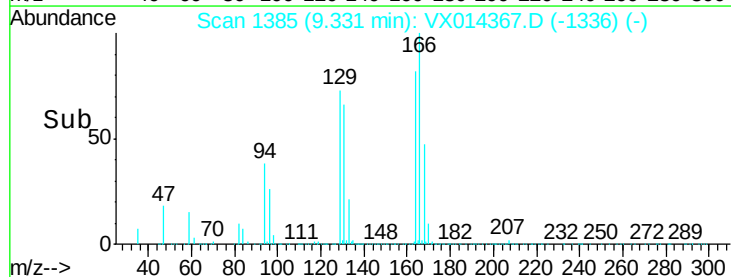
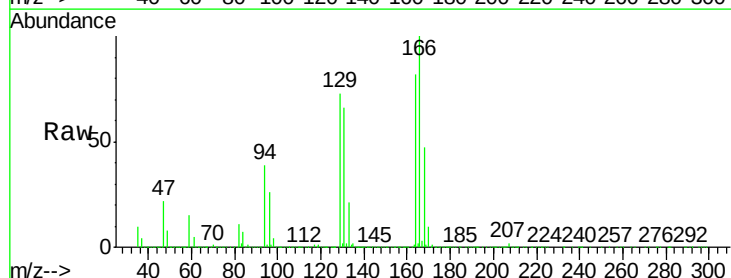
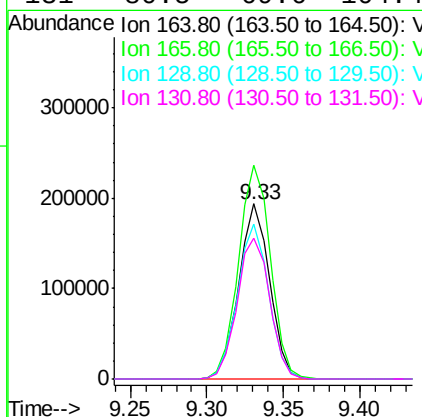
Manual Integrations
APPROVED

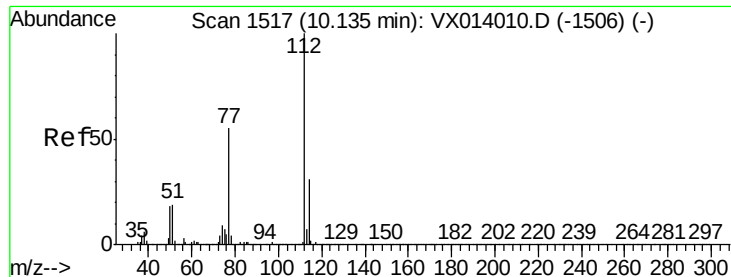
apatel
12/31/2019 9:32:49 AM



#64
Tetrachloroethene
Concen: 46.366 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	104.0	156.0
129	88.5	72.2	108.4
131	80.5	69.6	104.4





#65

Chlorobenzene

Concen: 48.345 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 680833

Ion Ratio Lower Upper

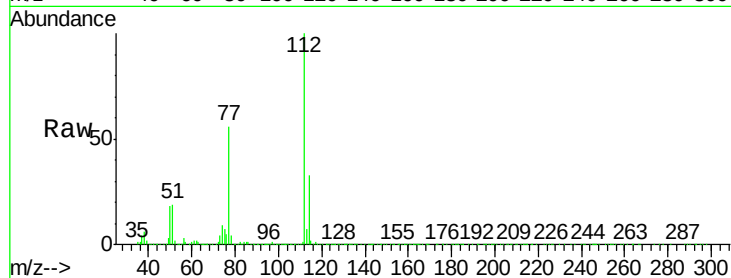
112 100

114 32.6 24.9 37.3

Manual Integrations
APPROVED

apatel

12/31/2019 9:32:49 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

500000

400000

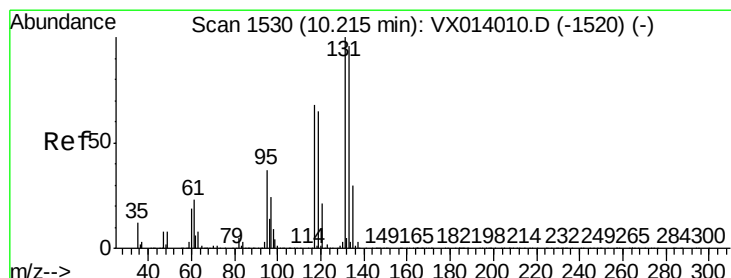
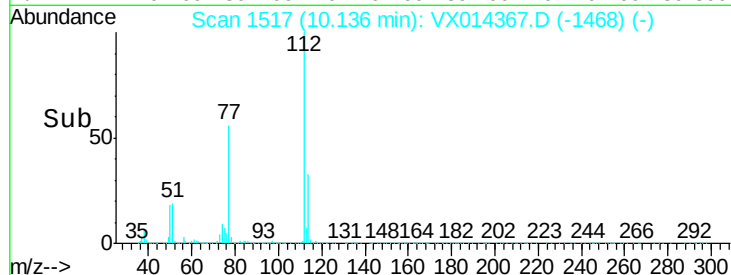
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.889 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

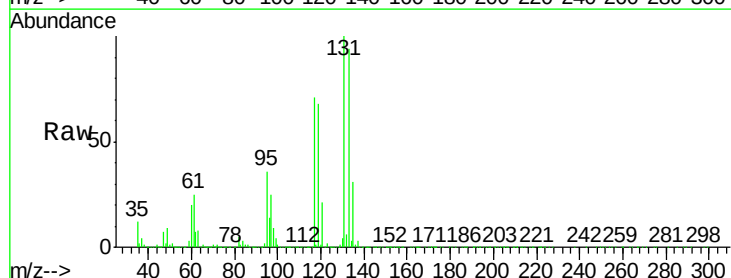
Tgt Ion:131 Resp: 250858

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.0

119 67.3 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

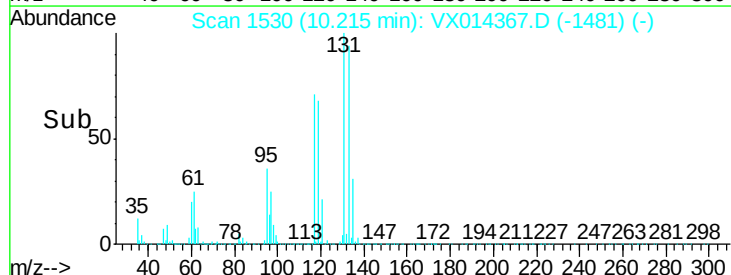
150000

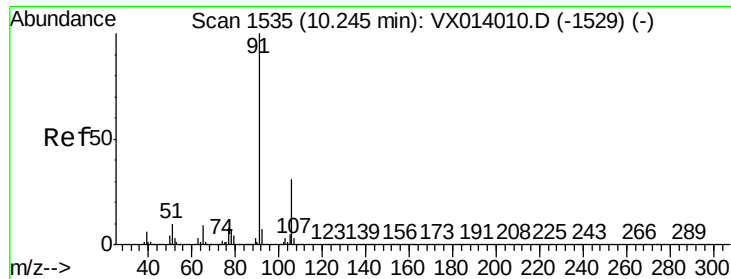
100000

50000

0

Time-->





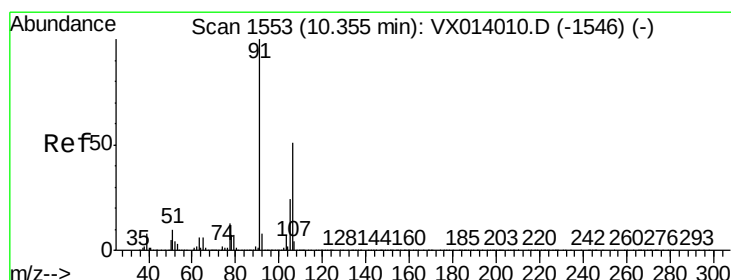
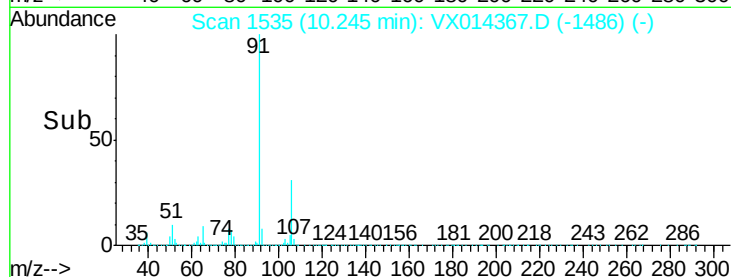
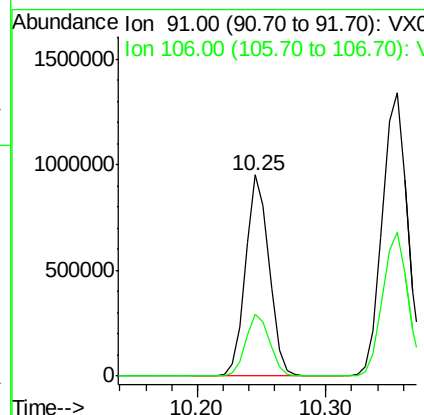
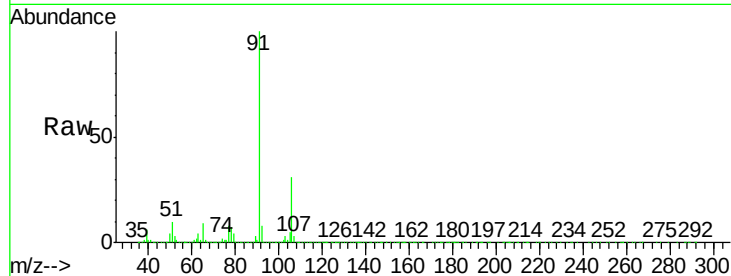
#67
Ethyl Benzene
Concen: 49.395 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1195933
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6

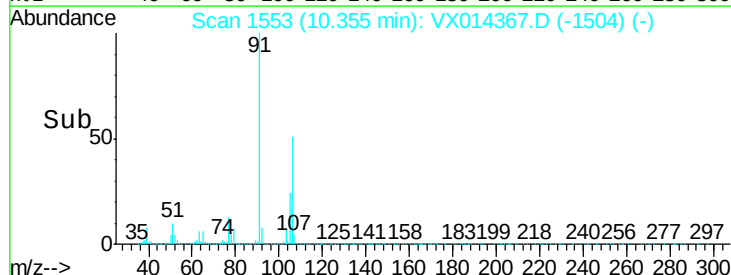
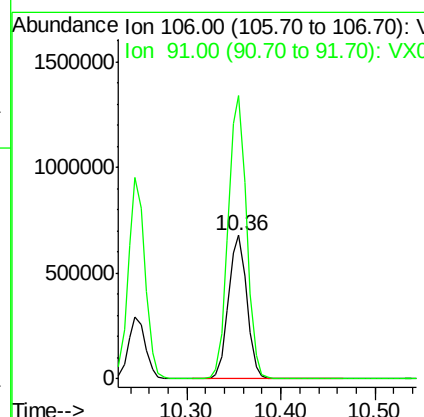
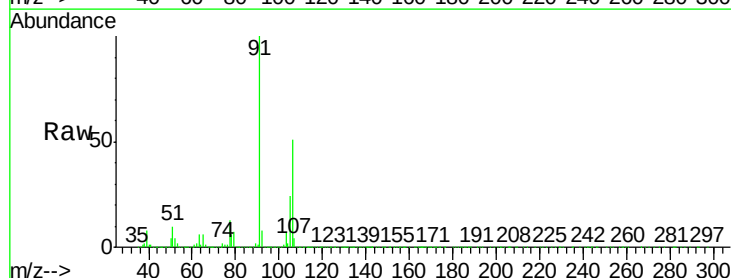
Manual Integrations
APPROVED

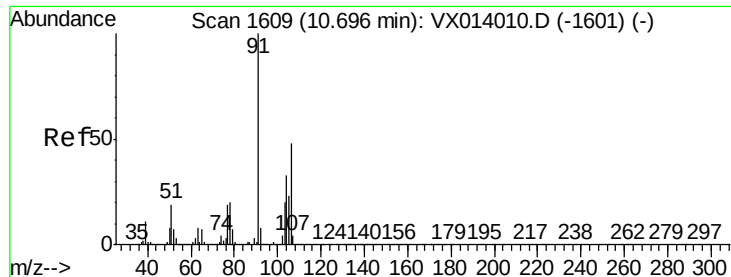
apatel
12/31/2019 9:32:49 AM



#68
m/p-Xylenes
Concen: 98.456 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion: 106 Resp: 916835
Ion Ratio Lower Upper
106 100
91 197.3 158.6 238.0





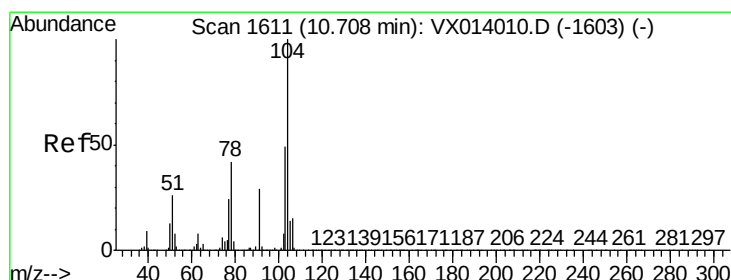
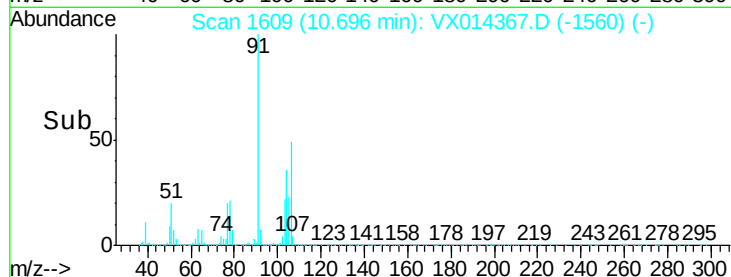
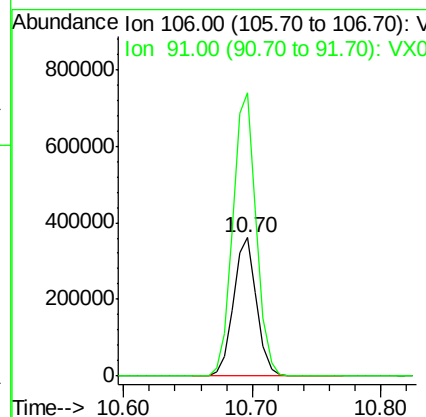
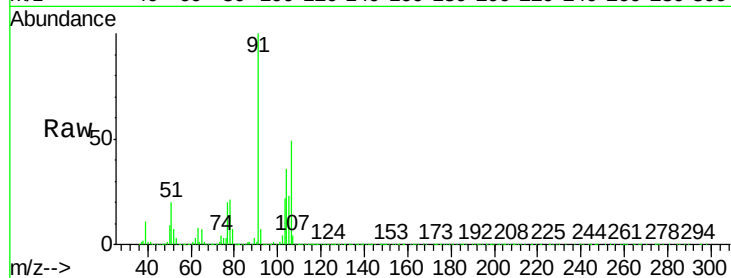
#69
o-Xylene
Concen: 49.425 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.0	104.2	312.6

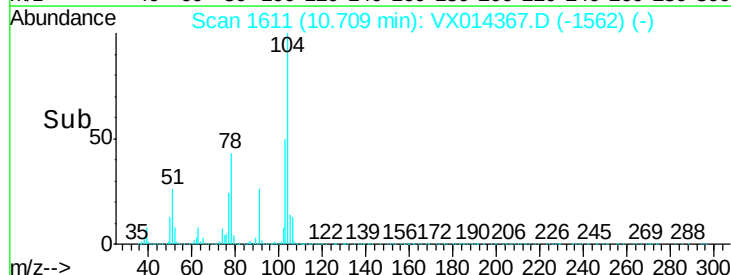
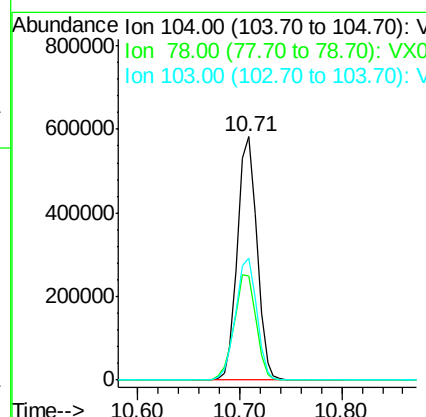
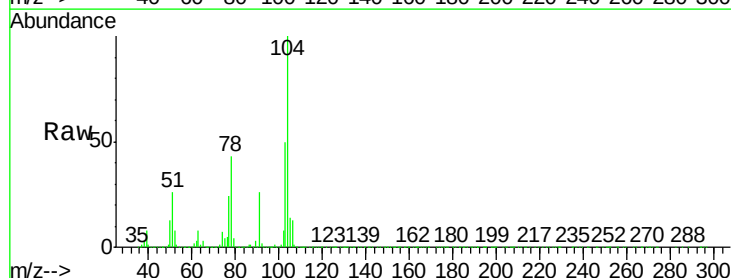
Manual Integrations
APPROVED

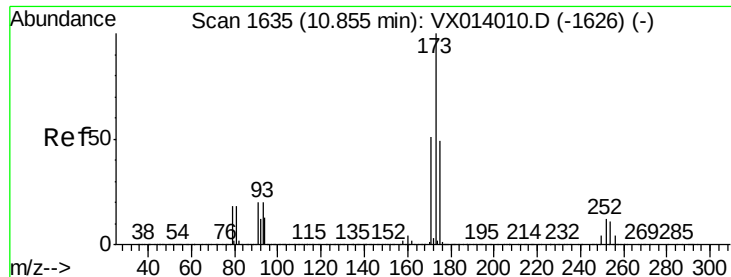
apatel
12/31/2019 9:32:49 AM



#70
Styrene
Concen: 49.720 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.5	42.9	64.3





#71

Bromoform

Concen: 51.508 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

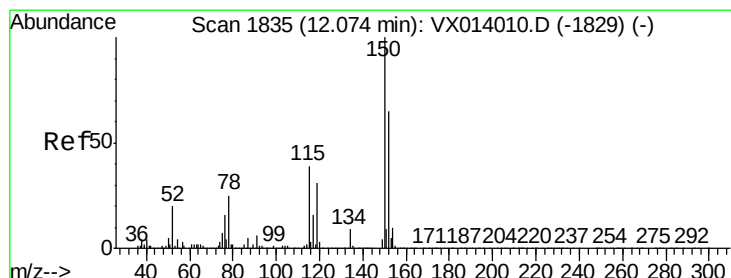
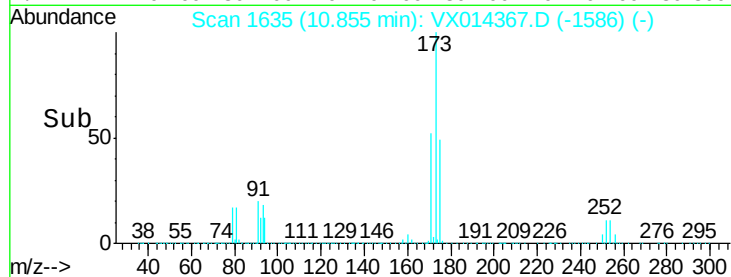
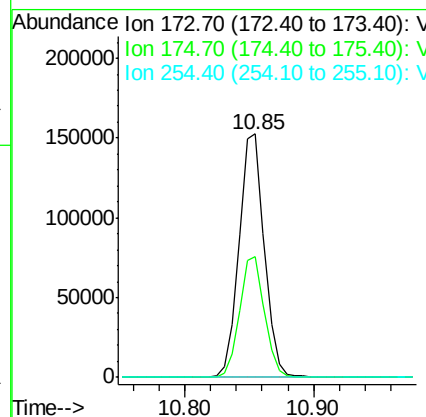
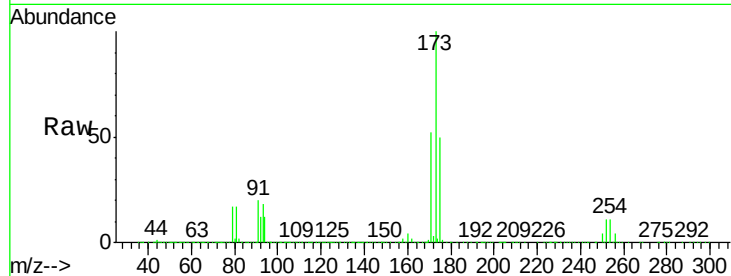
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	208192
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.4	73.4
254	0.2	0.2	0.2

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

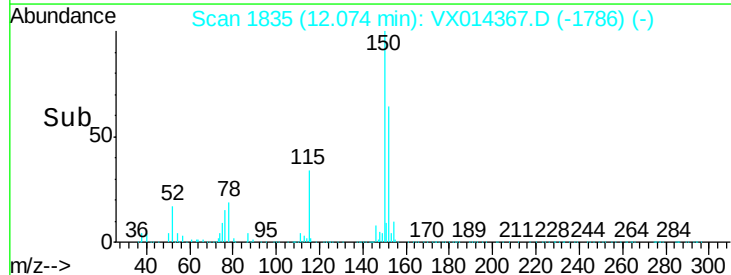
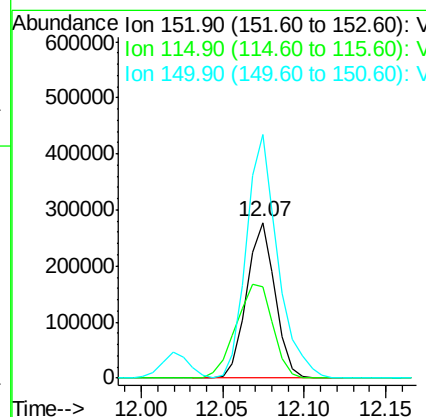
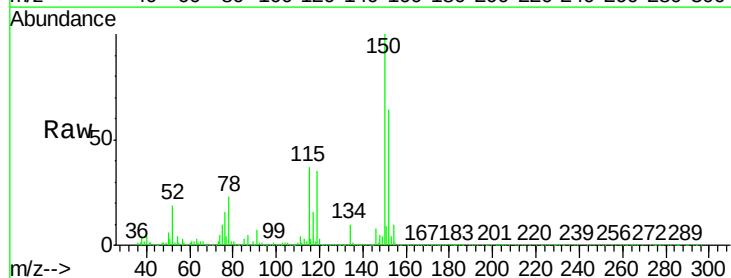
RT: 12.07 min Scan# 1835

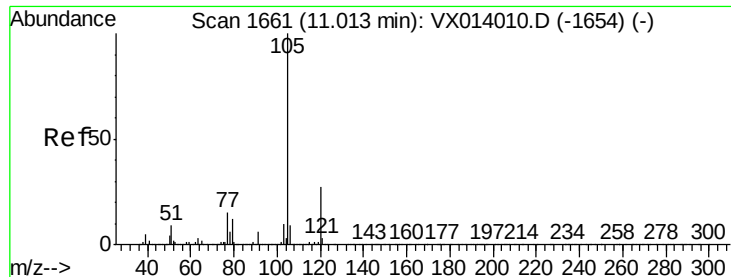
Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	152	Resp:	336015
Ion Ratio	Lower	Upper	
152	100		
115	78.2	38.3	114.9
150	173.2	0.0	345.4





#73

Isopropylbenzene

Concen: 49.467 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1170282

Ion Ratio Lower Upper

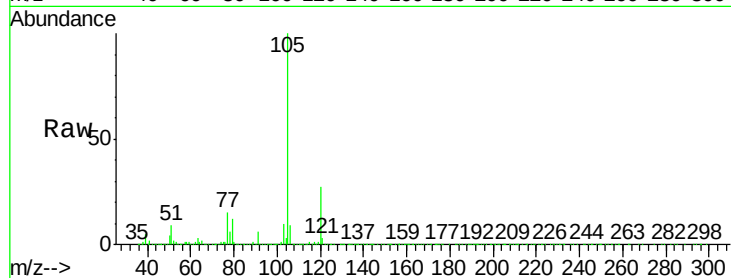
105 100

120 27.0 13.5 40.4

Manual Integrations
APPROVED

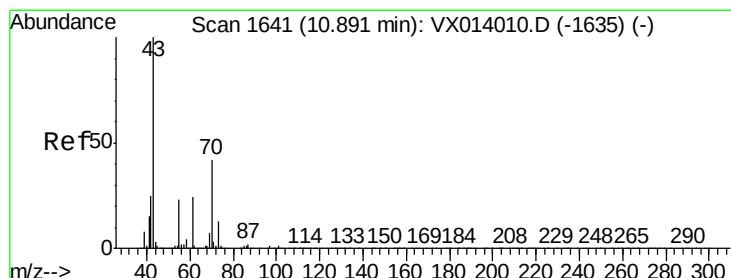
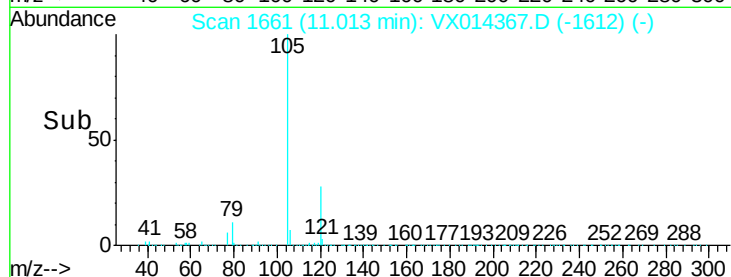
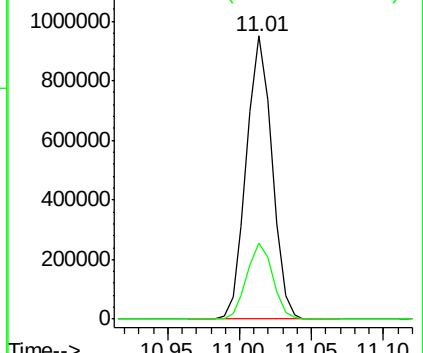
apatel

12/31/2019 9:32:49 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.955 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion: 43 Resp: 565068

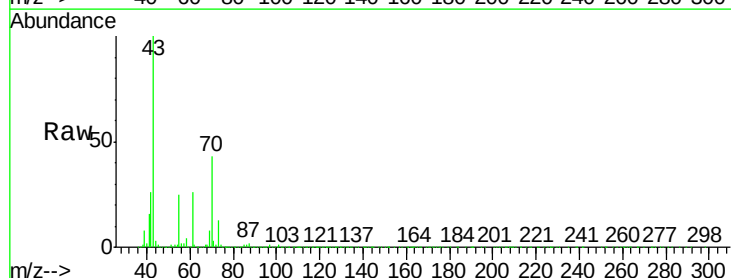
Ion Ratio Lower Upper

43 100

70 43.2 34.4 51.6

55 23.8 19.1 28.7

61 24.9 19.7 29.5

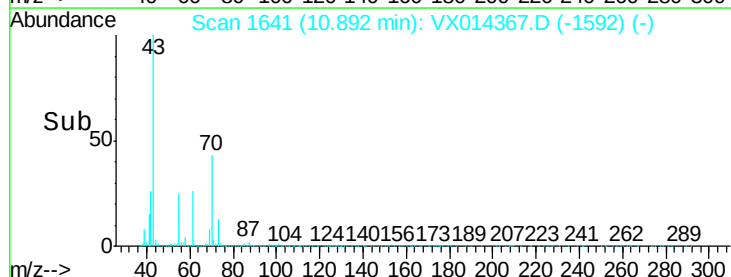
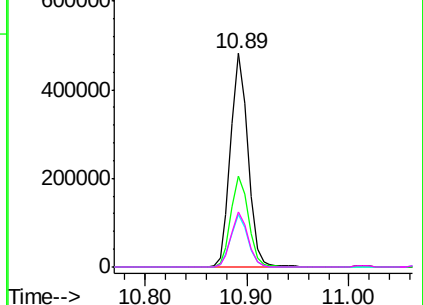


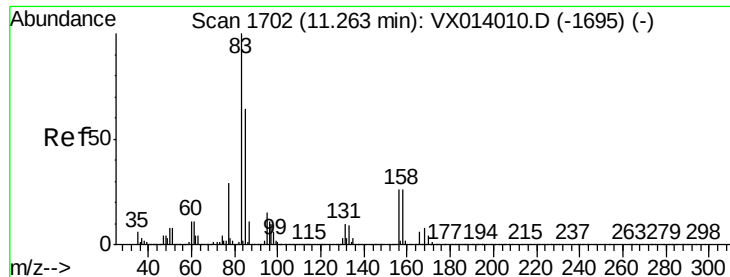
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.637 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 415326

Ion Ratio Lower Upper

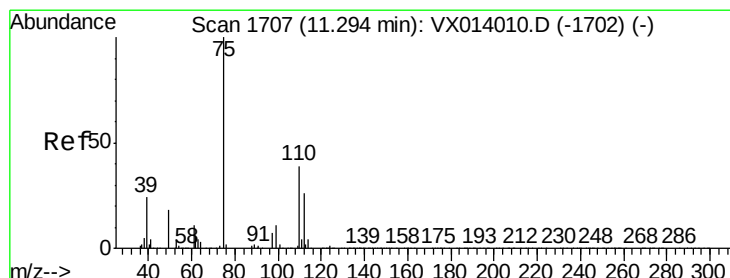
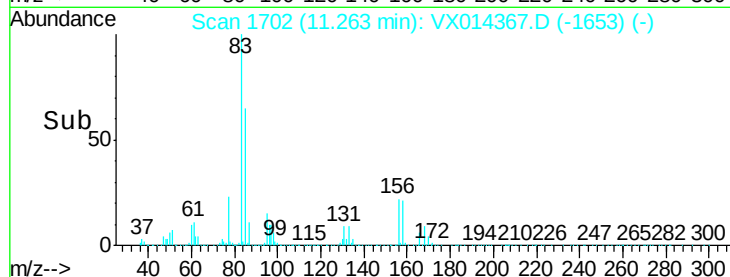
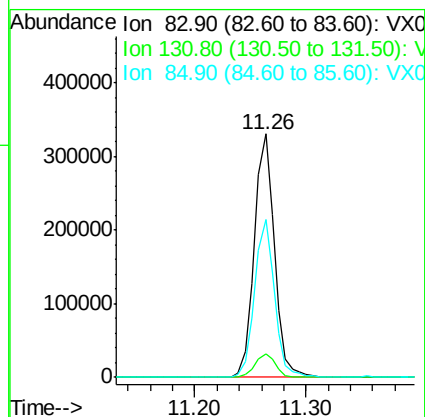
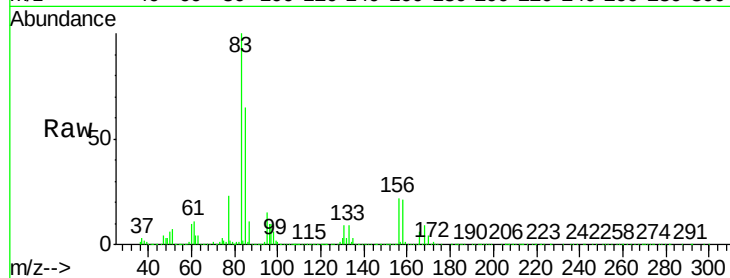
83 100

131 9.6 5.1 15.2

85 64.2 31.9 95.7

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#76

1,2,3-Trichloropropane

Concen: 45.603 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014367.D

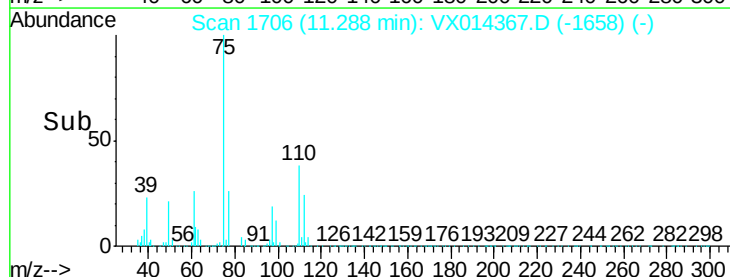
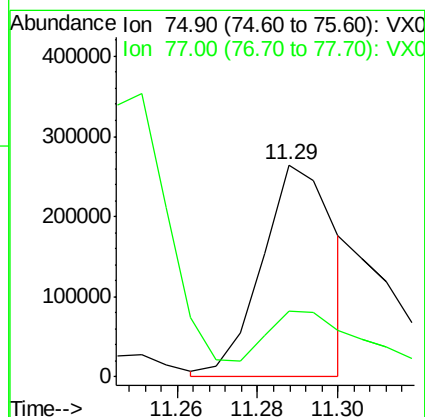
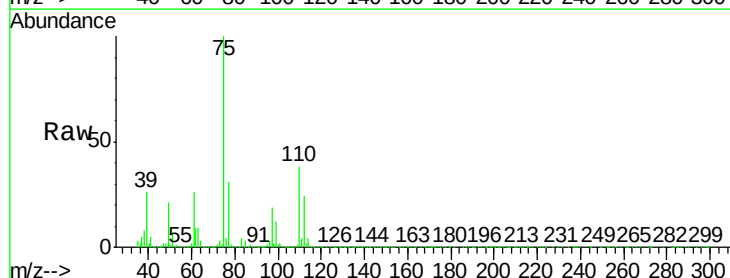
Acq: 30 Dec 2019 20:26

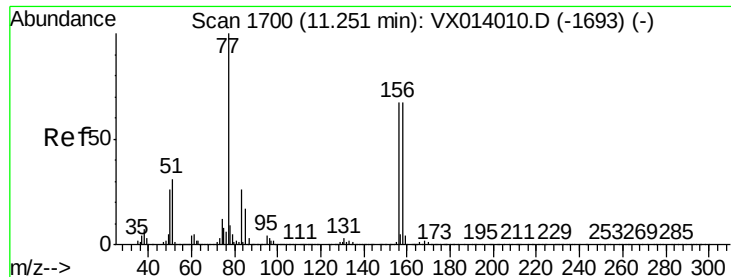
Tgt Ion: 75 Resp: 332667

Ion Ratio Lower Upper

75 100

77 42.7 19.3 57.8





#77

Bromobenzene

Concen: 46.742 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

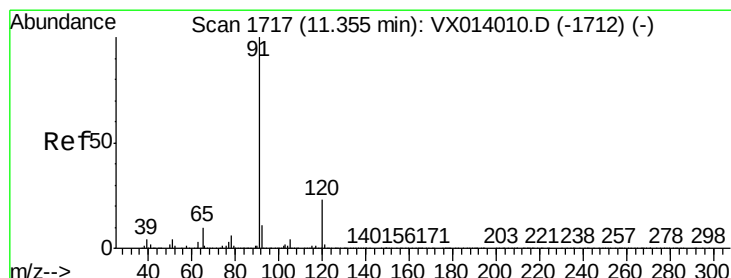
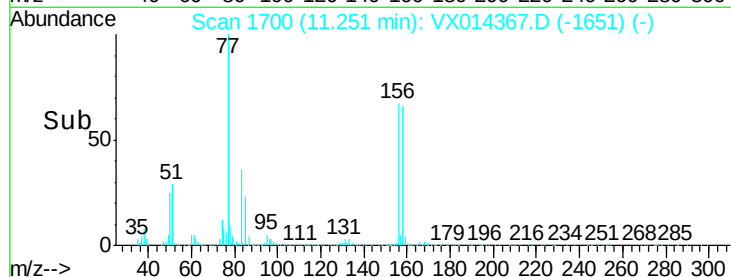
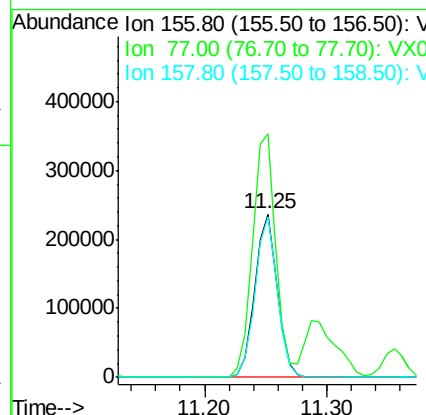
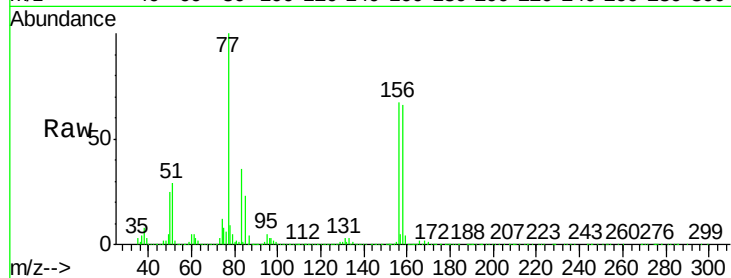
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	304255
Ion Ratio	Lower	Upper	
156	100		
77	155.2	76.5	229.5
158	97.3	49.3	147.9

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#78

n-propylbenzene

Concen: 50.639 ug/l

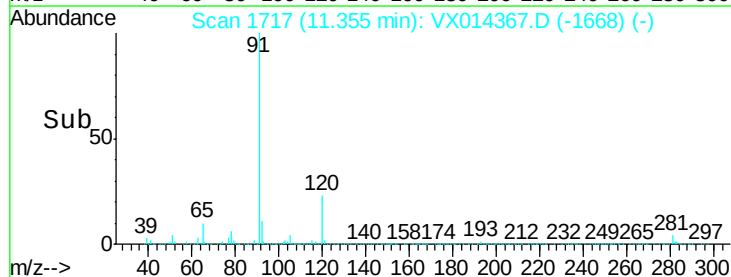
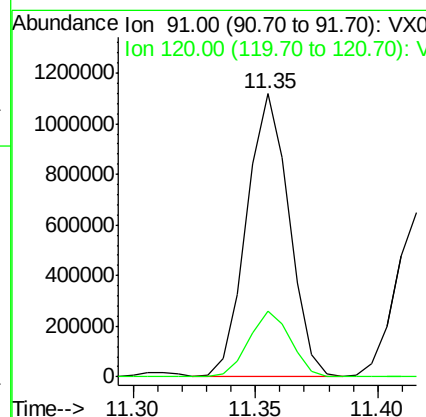
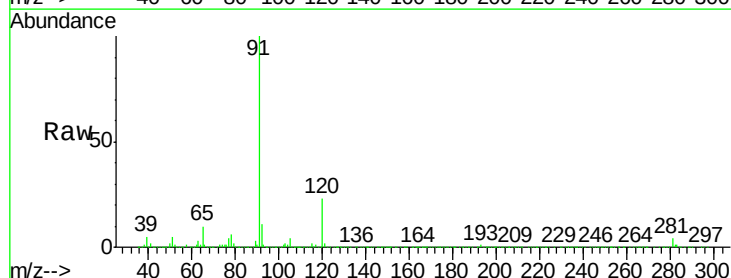
RT: 11.35 min Scan# 1717

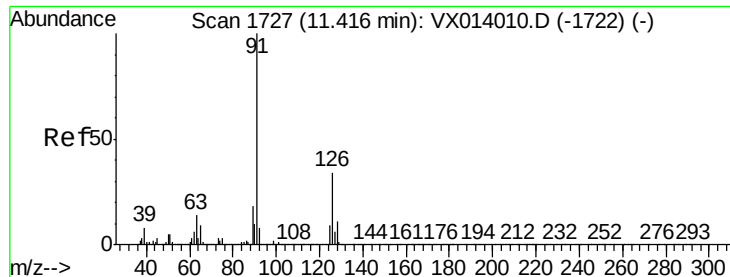
Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	91	Resp:	1343780
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.063 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 791435

Ion Ratio Lower Upper

91 100

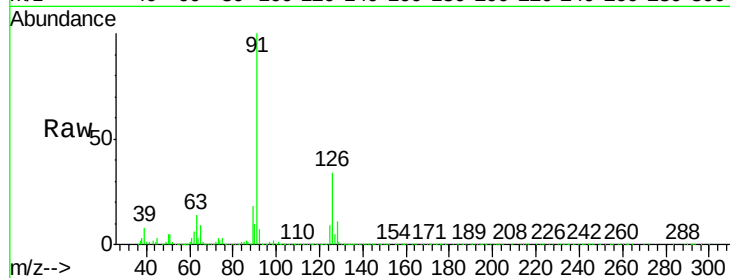
126 34.9 17.2 51.6

Manual Integrations

APPROVED

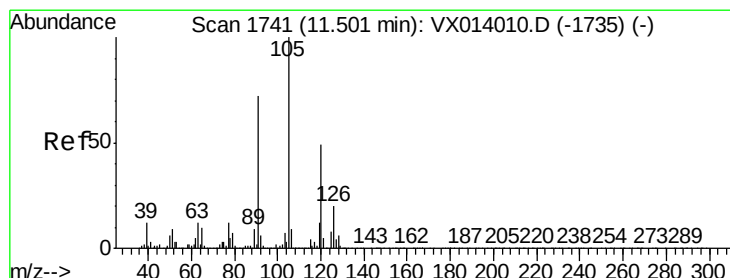
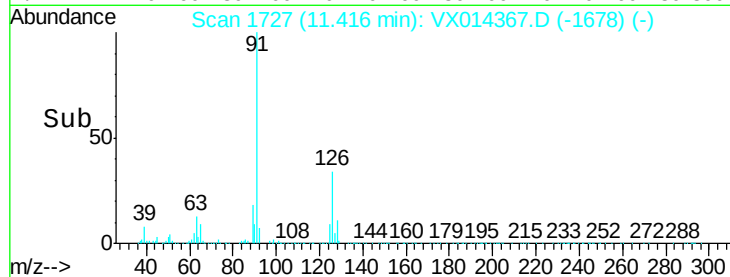
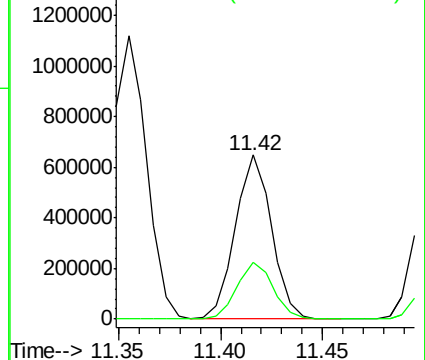
apatel

12/31/2019 9:32:49 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: 49.403 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014367.D

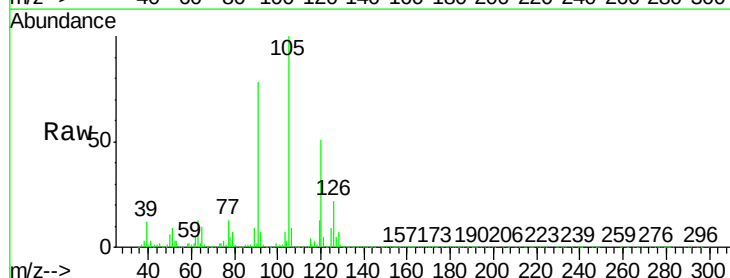
Acq: 30 Dec 2019 20:26

Tgt Ion: 105 Resp: 983658

Ion Ratio Lower Upper

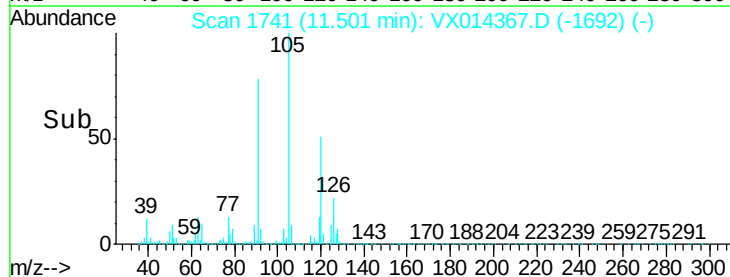
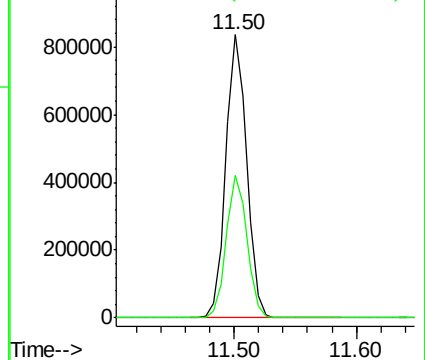
105 100

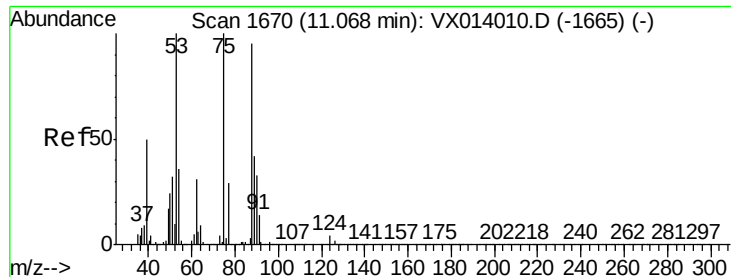
120 50.0 25.3 75.8



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: 50.820 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

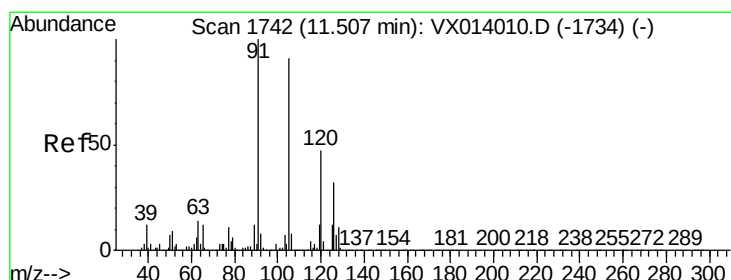
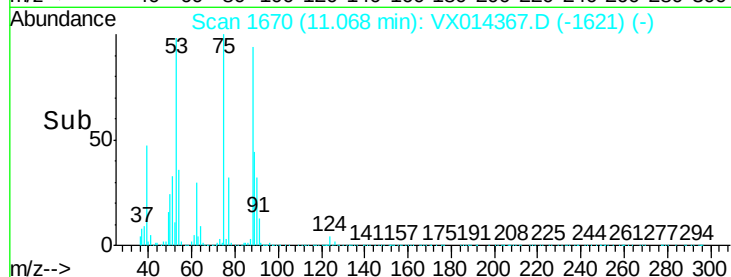
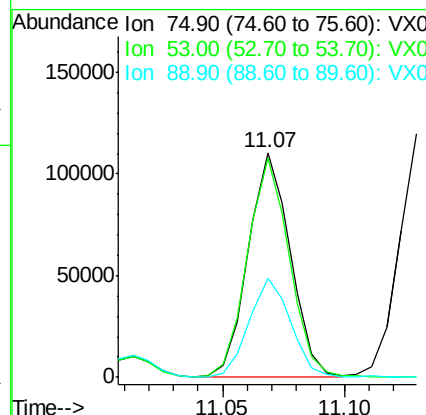
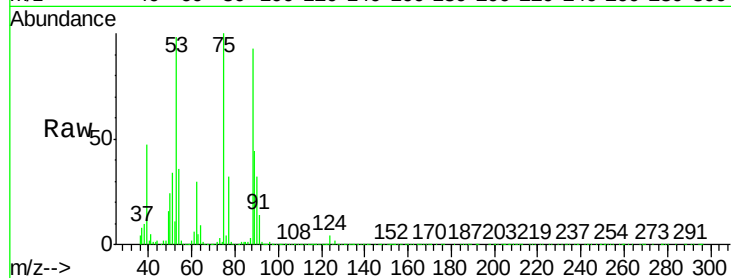
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	131344
Ion Ratio	Lower	Upper	
75	100		
53	97.5	76.7	115.1
89	43.6	34.6	51.8

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:49 AM



#82

4-Chlorotoluene

Concen: 48.876 ug/l

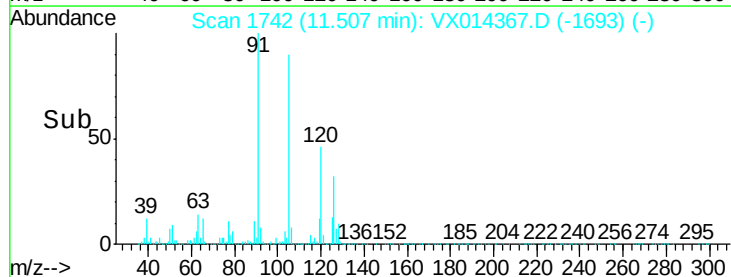
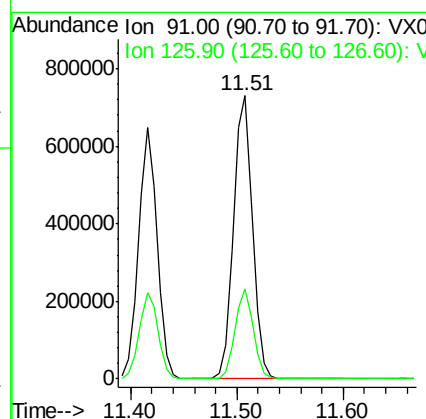
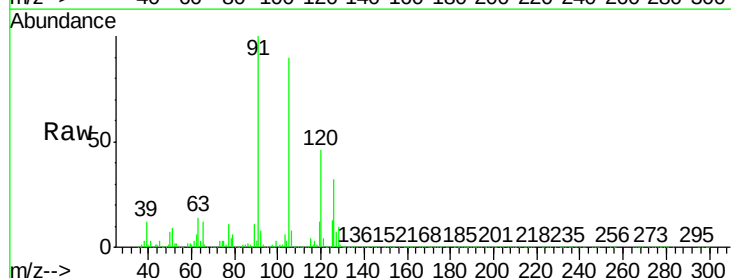
RT: 11.51 min Scan# 1742

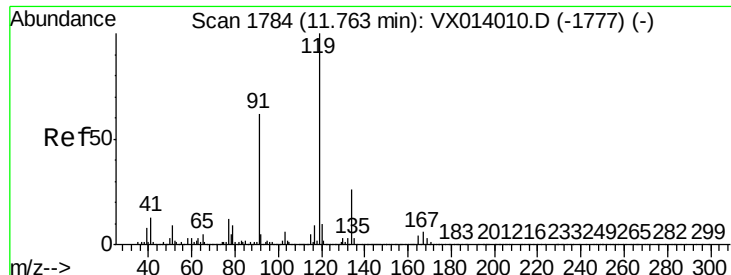
Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Tgt Ion:	91	Resp:	914530
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.6	46.8





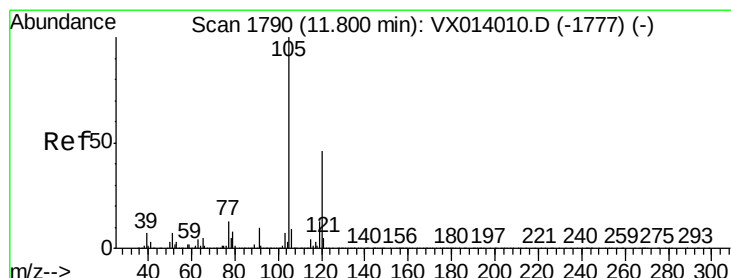
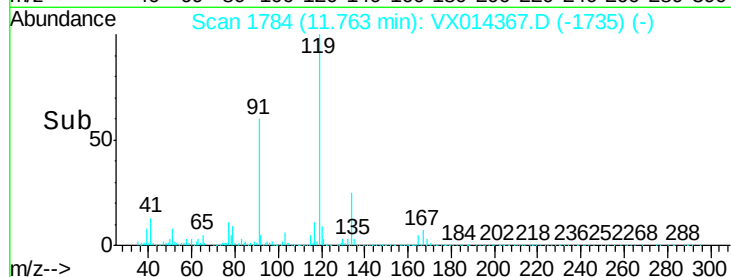
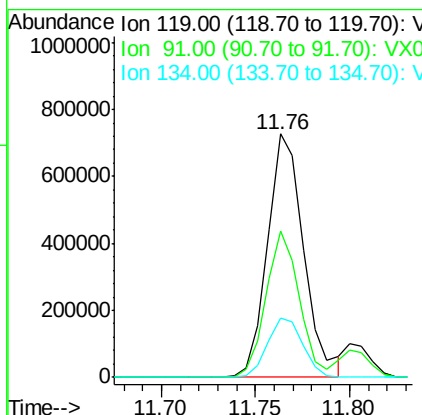
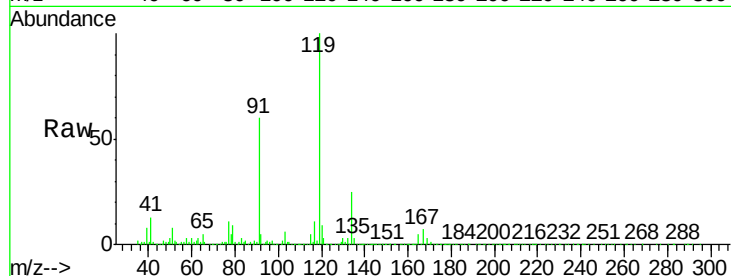
#83
 tert-Butylbenzene
 Concen: 49.993 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	968687		
91	55.3	28.5	85.6	
134	23.8	12.2	36.6	

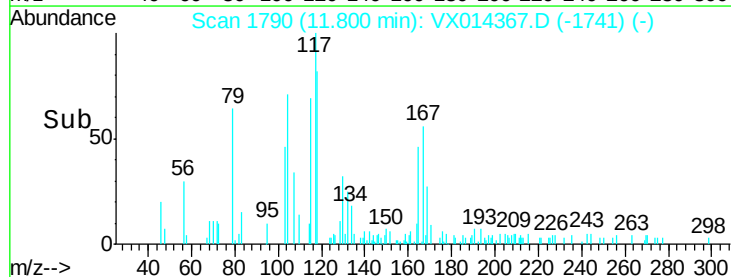
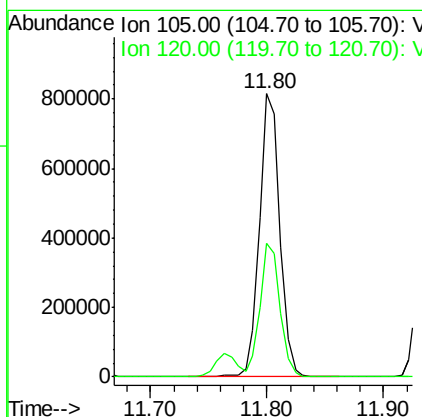
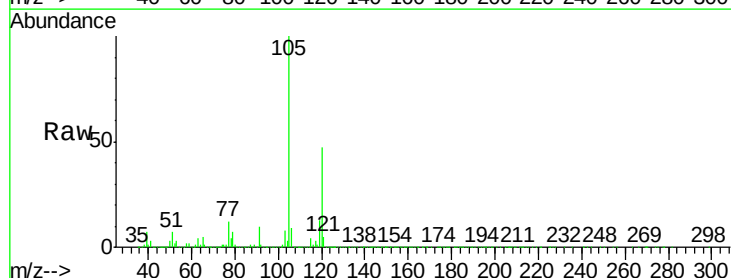
Manual Integrations
 APPROVED

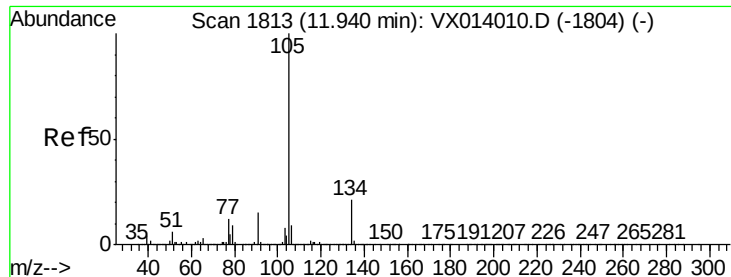
apatel
 12/31/2019 9:32:49 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.759 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	992159		
120	45.9	23.1	69.2	





#85

sec-Butylbenzene

Concen: 50.028 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1144354

Ion Ratio Lower Upper

105 100

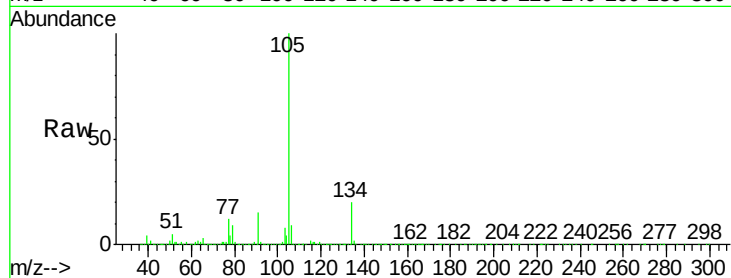
134 20.6 10.4 31.1

Manual Integrations

APPROVED

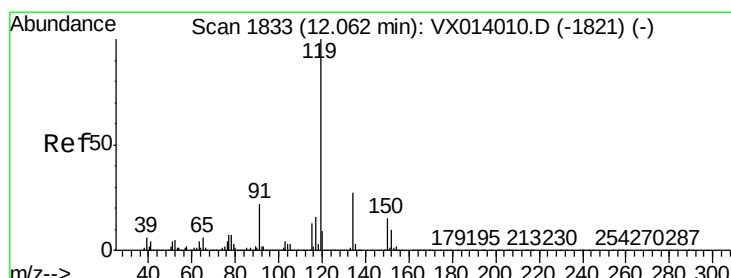
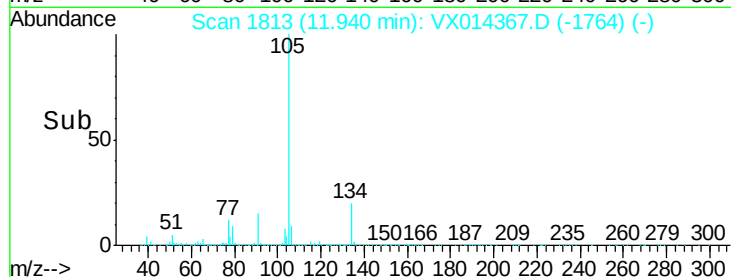
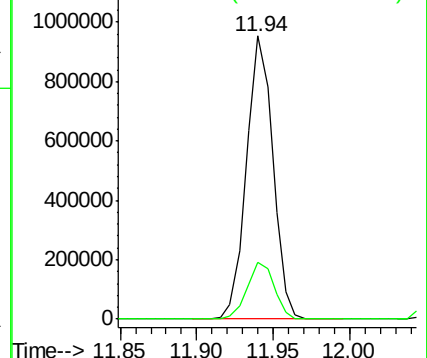
apatel

12/31/2019 9:32:49 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.952 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

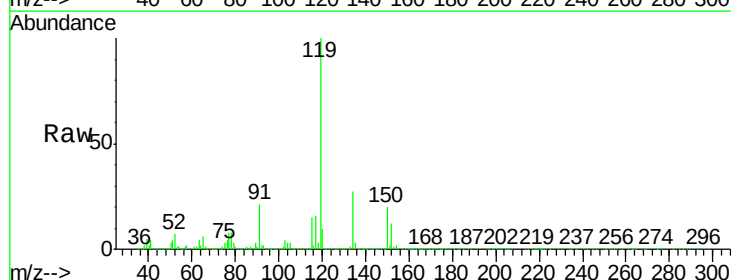
Tgt Ion:119 Resp: 1045194

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

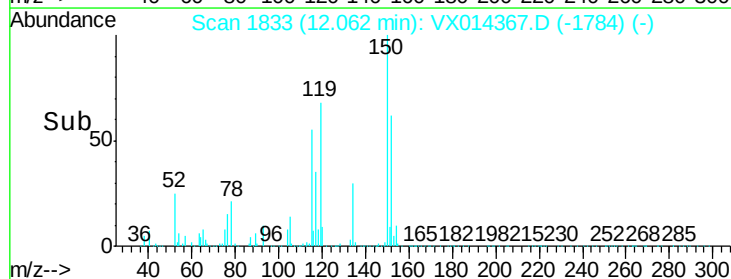
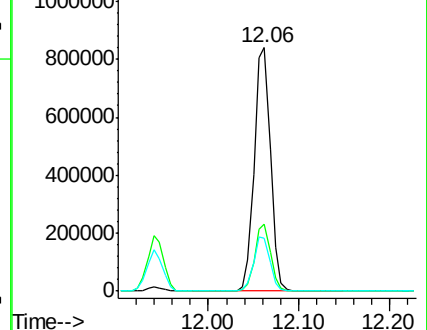
91 22.1 11.4 34.1

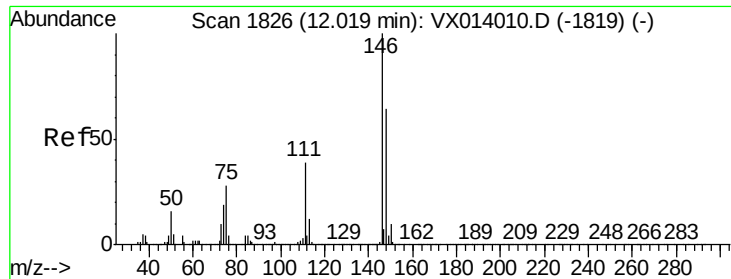


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





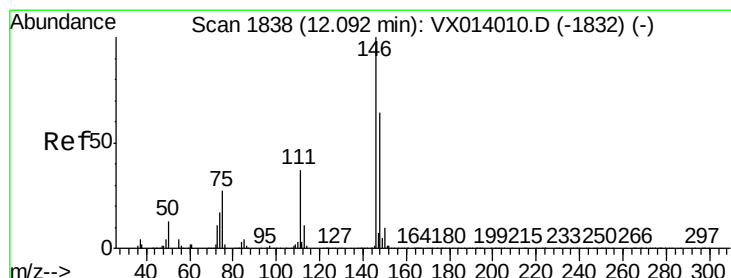
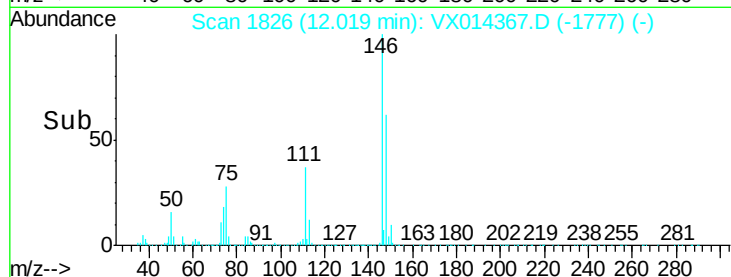
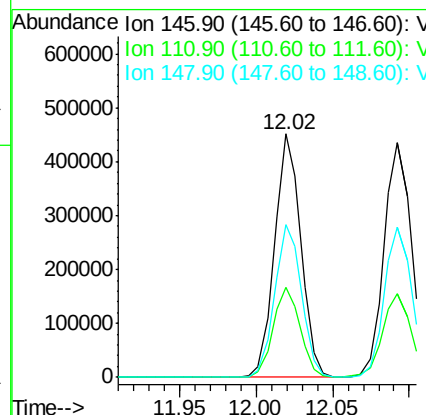
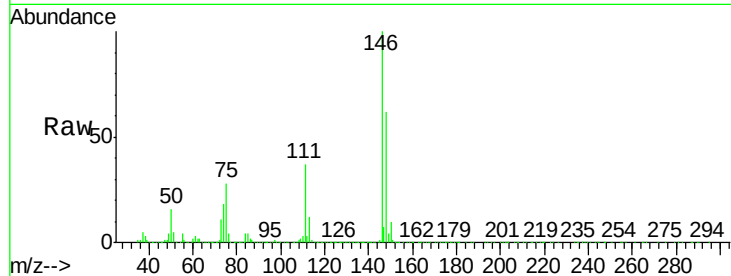
#87
 1,3-Dichlorobenzene
 Concen: 47.455 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.9	32.3	96.9

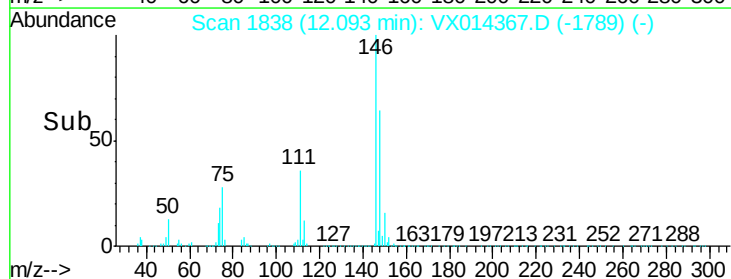
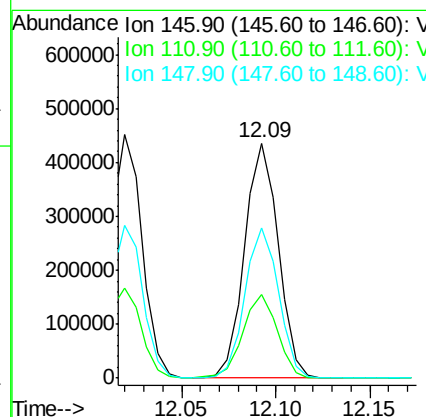
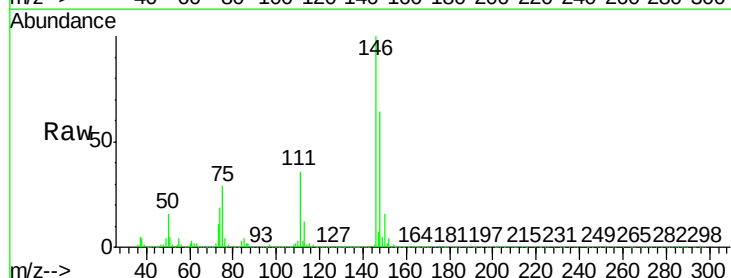
Manual Integrations
 APPROVED

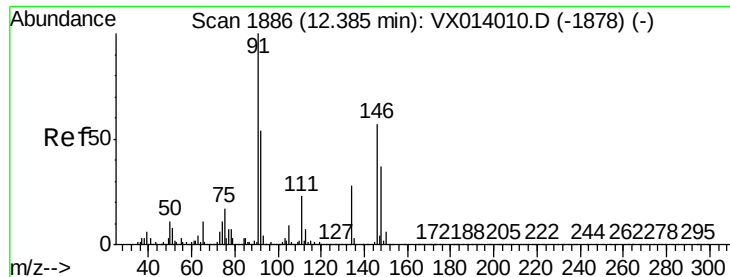
apatel
 12/31/2019 9:32:49 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.477 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	64.1	31.9	95.9





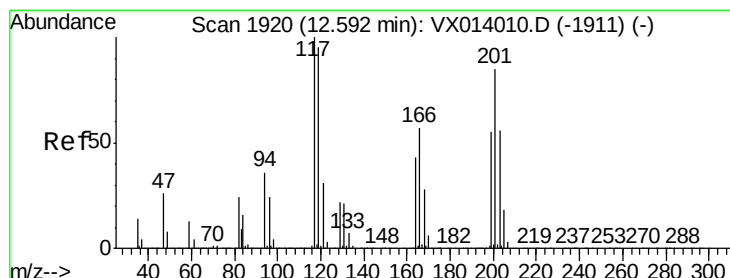
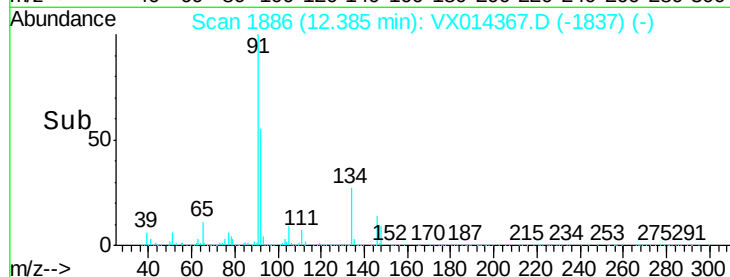
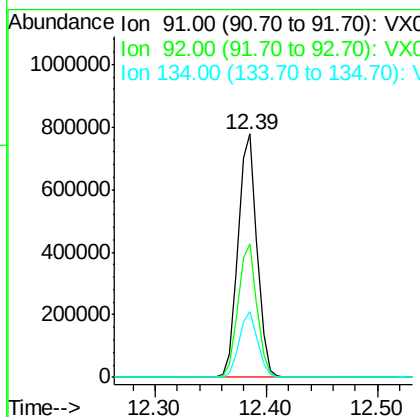
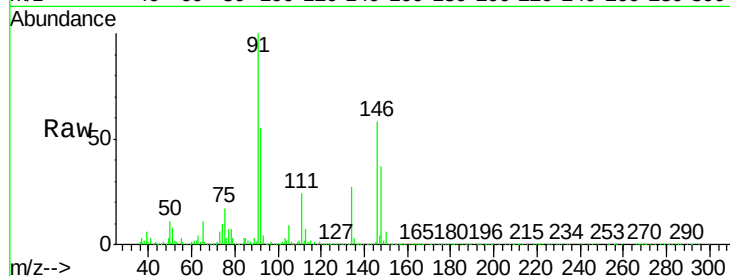
#89
n-Butylbenzene
Concen: 51.129 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	912844		
92	54.5	27.2	81.6	
134	26.5	13.4	40.1	

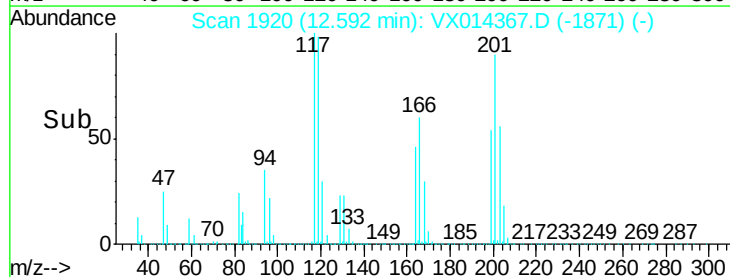
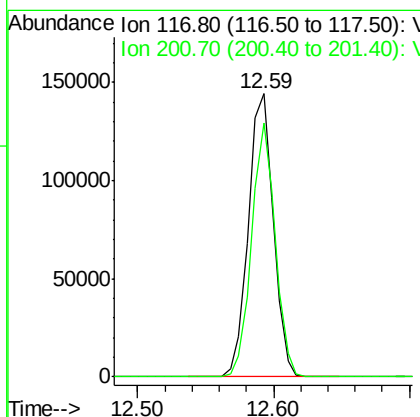
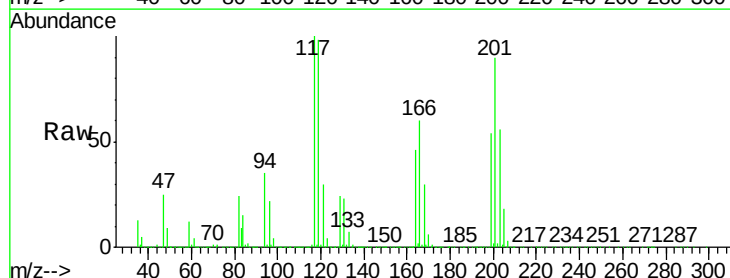
Manual Integrations
APPROVED

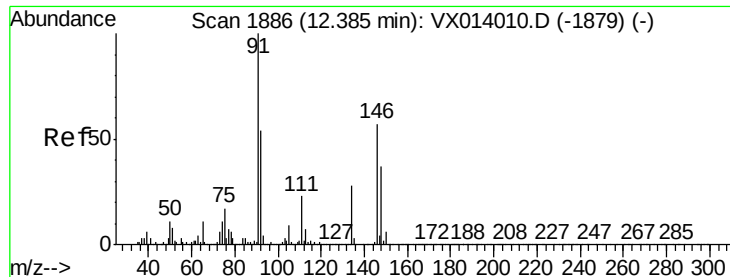
apatel
12/31/2019 9:32:49 AM



#90
Hexachloroethane
Concen: 49.477 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014367.D
Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	185948		
201	85.2	43.1	129.3	





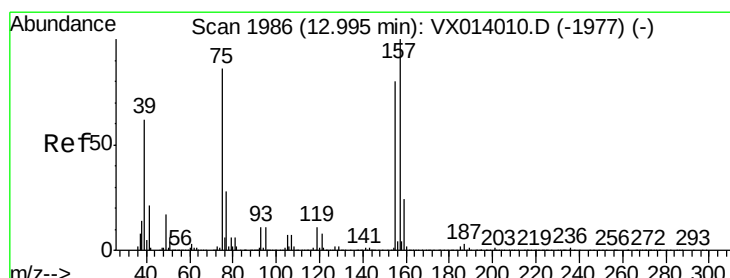
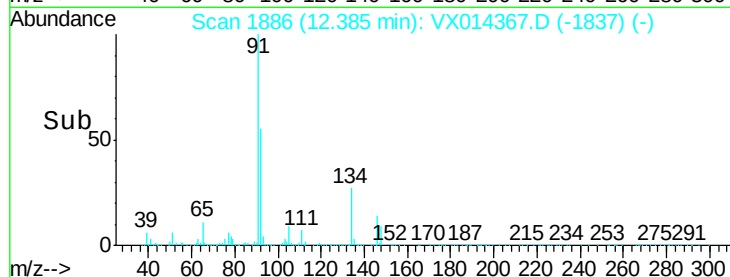
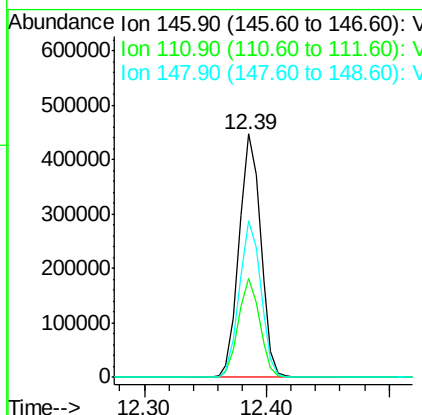
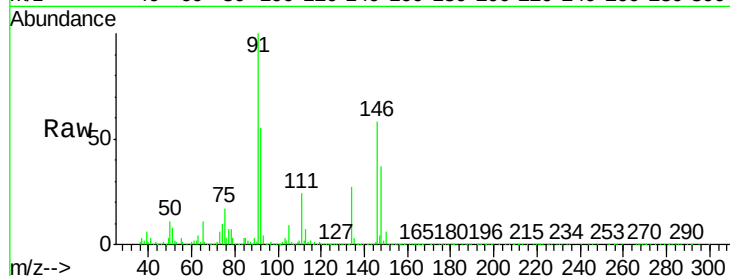
#91
 1,2-Dichlorobenzene
 Concen: 47.442 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.1
148	64.0	32.1	96.5

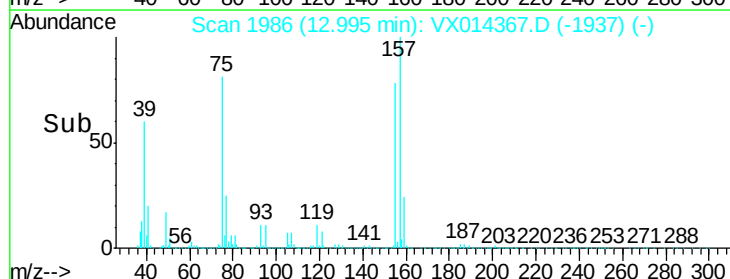
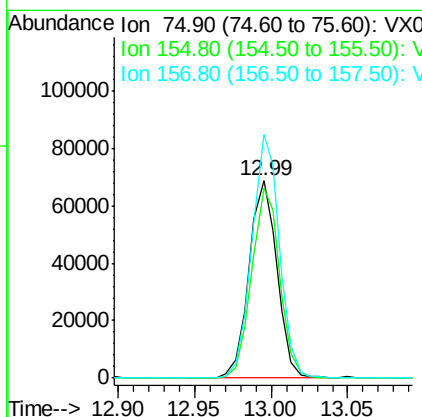
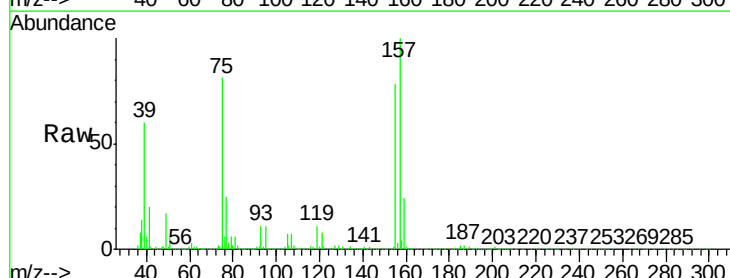
Manual Integrations
 APPROVED

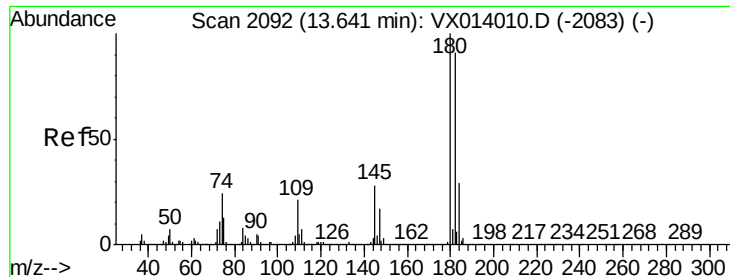
apatel
 12/31/2019 9:32:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.061 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	46.9	140.6
157	122.0	60.8	182.4





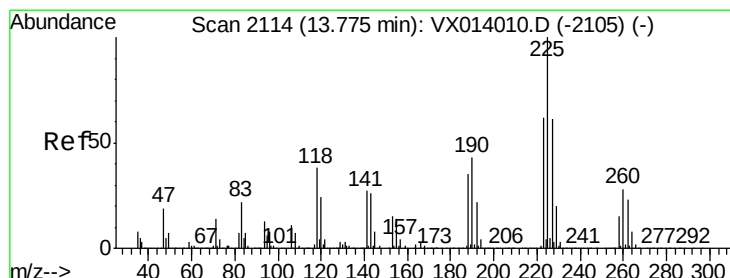
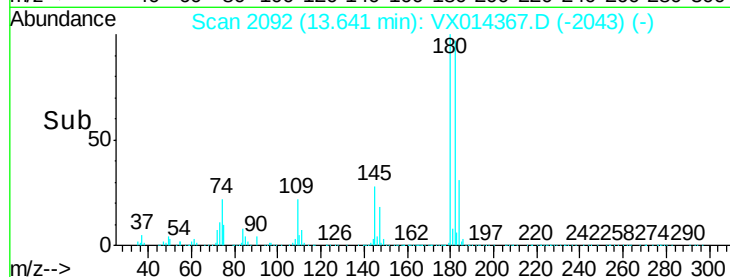
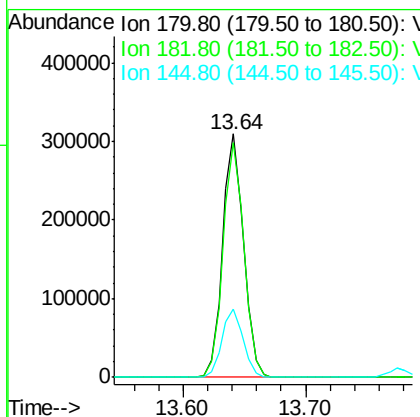
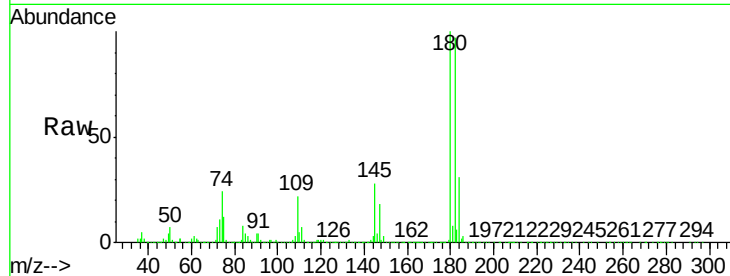
#93
 1,2,4-Trichlorobenzene
 Concen: 49.161 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	366946		
182	96.3	46.6	139.8	
145	28.5	14.2	42.6	

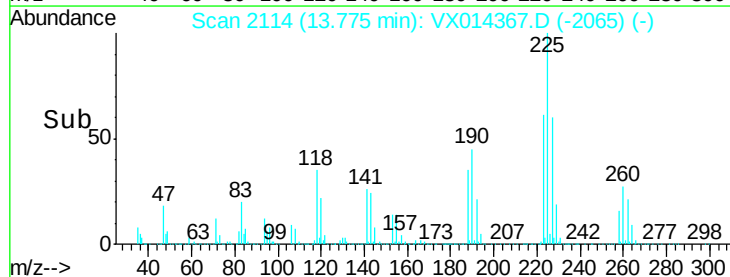
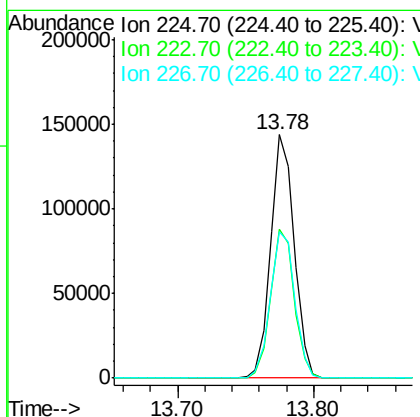
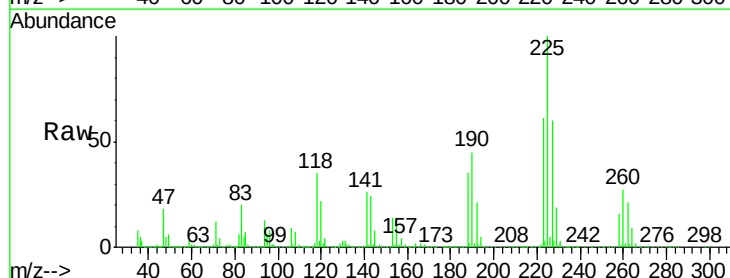
Manual Integrations
 APPROVED

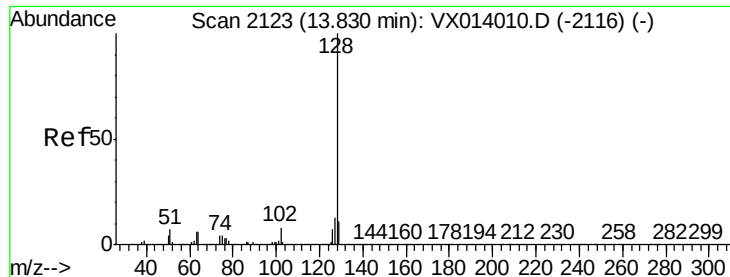
apatel
 12/31/2019 9:32:49 AM



#94
 Hexachlorobutadiene
 Concen: 48.699 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014367.D
 Acq: 30 Dec 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174694		
223	61.6	30.9	92.5	
227	62.7	30.9	92.7	





#95

Naphthalene

Concen: 52.751 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1156828

Ion Ratio Lower Upper

128 100

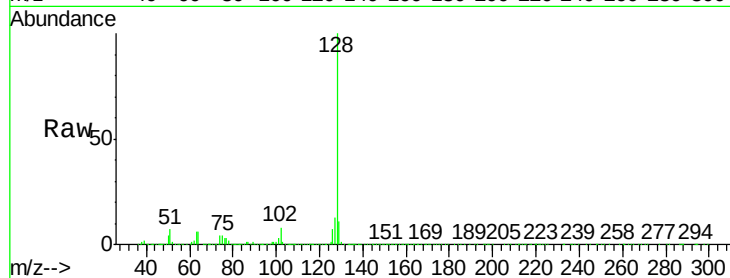
127 12.7 10.2 15.4

129 10.8 8.7 13.1

Manual Integrations
APPROVED

apatel

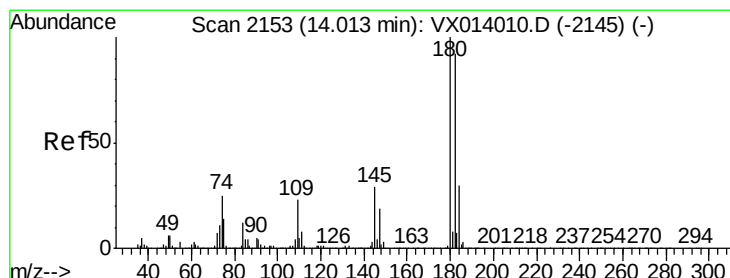
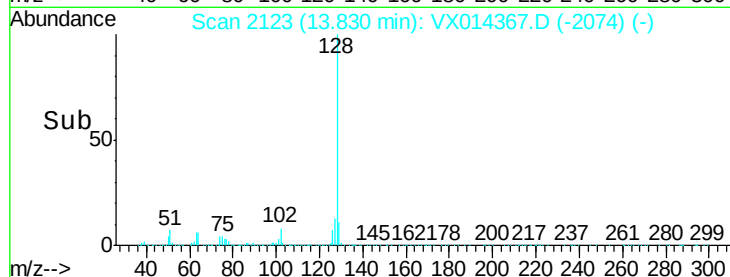
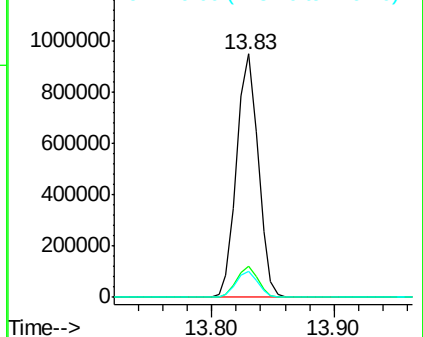
12/31/2019 9:32:49 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.577 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014367.D

Acq: 30 Dec 2019 20:26

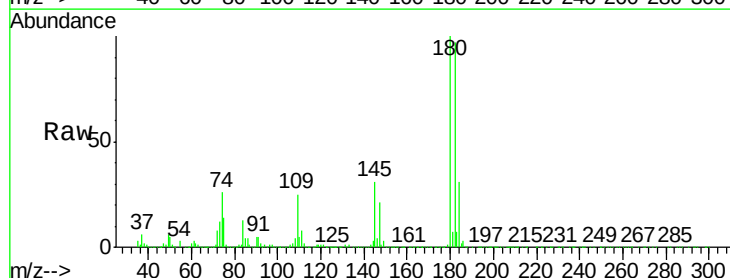
Tgt Ion:180 Resp: 372664

Ion Ratio Lower Upper

180 100

182 95.1 46.8 140.3

145 29.8 14.8 44.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

