

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013698.D
 Acq On : 29 Nov 2019 14:03
 Operator : JC/SP
 Sample : VX1129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 12:47:56 PM

Quant Time: Nov 29 23:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	649749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	969166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	871628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	442365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	360267	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	5.48	113	293193	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	1121739	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	402742	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	138956	19.214	ug/l	99
3) Chloromethane	1.32	50	151532	18.673	ug/l	98
4) Vinyl Chloride	1.40	62	176024	19.272	ug/l	98
5) Bromomethane	1.63	94	100680	16.414	ug/l	96
6) Chloroethane	1.72	64	96922	18.648	ug/l	92
7) Trichlorofluoromethane	1.92	101	188495	18.586	ug/l	97
8) Diethyl Ether	2.18	74	89902	19.594	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116939	18.877	ug/l	98
10) Methyl Iodide	2.50	142	122962	16.409	ug/l	99
11) Tert butyl alcohol	3.03	59	162491	87.284	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116570	18.852	ug/l	96
13) Acrolein	2.28	56	86914	74.137	ug/l	100
14) Allyl chloride	2.72	41	202481	18.044	ug/l	98
15) Acrylonitrile	3.13	53	360345	93.773	ug/l	99
16) Acetone	2.43	43	336298	90.314	ug/l	98
17) Carbon Disulfide	2.56	76	305140	17.311	ug/l	100
18) Methyl Acetate	2.76	43	207045	19.968	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	397777	19.419	ug/l	99
20) Methylene Chloride	2.84	84	137974	19.287	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	123000	18.260	ug/l	98
22) Diisopropyl ether	3.84	45	419012	19.392	ug/l	99
23) Vinyl Acetate	3.80	43	1706145	94.918	ug/l	100
24) 1,1-Dichloroethane	3.69	63	222380	18.827	ug/l	99
25) 2-Butanone	4.65	43	513187	92.733	ug/l	98
26) 2,2-Dichloropropane	4.57	77	165150	16.899	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	144387	18.665	ug/l	99
28) Bromochloromethane	5.00	49	94403	20.217	ug/l	100
29) Tetrahydrofuran	5.11	42	328371	96.252	ug/l	99
30) Chloroform	5.20	83	255384	21.319	ug/l	99
31) Cyclohexane	5.57	56	204432	18.349	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	182750	18.256	ug/l	100
36) 1,1-Dichloropropene	5.79	75	164329	18.679	ug/l	98
37) Ethyl Acetate	4.81	43	193899	19.646	ug/l	99
38) Carbon Tetrachloride	5.77	117	157108	19.367	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112919\
 Data File : VX013698.D
 Acq On : 29 Nov 2019 14:03
 Operator : JC/SP
 Sample : VX1129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1129WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 12:47:56 PM

Quant Time: Nov 29 23:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	206555	18.994	ug/l	99
40) Benzene	6.13	78	514331	19.195	ug/l	99
41) Methacrylonitrile	5.03	41	106871	19.745	ug/l	99
42) 1,2-Dichloroethane	6.18	62	181454	19.857	ug/l	100
43) Isopropyl Acetate	6.43	43	317311	19.529	ug/l	99
44) Trichloroethene	7.20	130	138482	18.832	ug/l	97
45) 1,2-Dichloropropane	7.50	63	135258	20.176	ug/l	96
46) Dibromomethane	7.65	93	88638	19.467	ug/l	99
47) Bromodichloromethane	7.89	83	175140	20.347	ug/l	98
48) Methyl methacrylate	7.76	41	160465	20.326	ug/l	100
49) 1,4-Dioxane	7.73	88	67657	382.861	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1010687	98.887	ug/l	99
52) Toluene	8.78	92	323728	19.448	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	182938	18.672	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	209758	19.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	136079	20.286	ug/l	97
56) Ethyl methacrylate	9.17	69	211609	19.621	ug/l	99
57) 1,3-Dichloropropane	9.37	76	227837	19.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	404203	95.592	ug/l	99
59) 2-Hexanone	9.48	43	762571	95.664	ug/l	99
60) Dibromochloromethane	9.57	129	136412	19.595	ug/l	99
61) 1,2-Dibromoethane	9.67	107	140941	19.672	ug/l	100
64) Tetrachloroethene	9.33	164	125606	19.324	ug/l	99
65) Chlorobenzene	10.14	112	351028	19.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	129337	19.903	ug/l	98
67) Ethyl Benzene	10.25	91	609671	19.605	ug/l	99
68) m/p-Xylenes	10.35	106	462992	38.888	ug/l	100
69) o-Xylene	10.70	106	226543	19.510	ug/l	99
70) Styrene	10.71	104	380303	19.470	ug/l	99
71) Bromoform	10.85	173	102437	19.051	ug/l #	99
73) Isopropylbenzene	11.01	105	598391	19.284	ug/l	99
74) N-amyl acetate	10.89	43	271789	19.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	213570	19.846	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	169280m	17.014	ug/l	
77) Bromobenzene	11.25	156	157997	18.848	ug/l	98
78) n-propylbenzene	11.35	91	669269	19.321	ug/l	100
79) 2-Chlorotoluene	11.42	91	396393	19.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	501068	19.702	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62047	17.061	ug/l	94
82) 4-Chlorotoluene	11.51	91	457107	18.993	ug/l	99
83) tert-Butylbenzene	11.76	119	497589	19.252	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	502613	19.473	ug/l	100
85) sec-Butylbenzene	11.94	105	570566	19.327	ug/l	99
86) p-Isopropyltoluene	12.06	119	531300	19.345	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	274142	18.760	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	278583	18.717	ug/l	100
89) n-Butylbenzene	12.39	91	437974	18.697	ug/l	99
90) Hexachloroethane	12.59	117	90318	18.194	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	277755	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43732	18.662	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013698.D
Acq On : 29 Nov 2019 14:03
Operator : JC/SP
Sample : VX1129WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

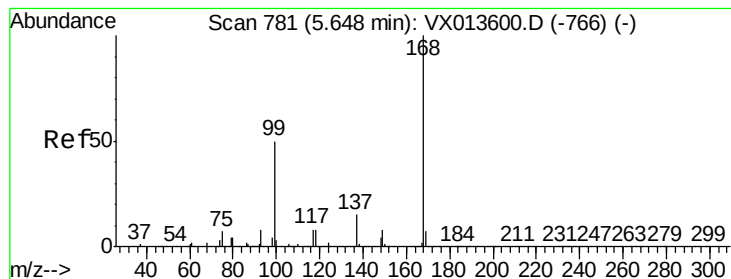
Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM

Quant Time: Nov 29 23:05:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	183859	18.272	ug/l	99
94) Hexachlorobutadiene	13.78	225	85401	17.668	ug/l	99
95) Naphthalene	13.83	128	569998	19.022	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	186300	18.699	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

VX1129WBSD01

Tot Ion:168 Resp: 649749

Ion Ratio Lower Upper

168 100

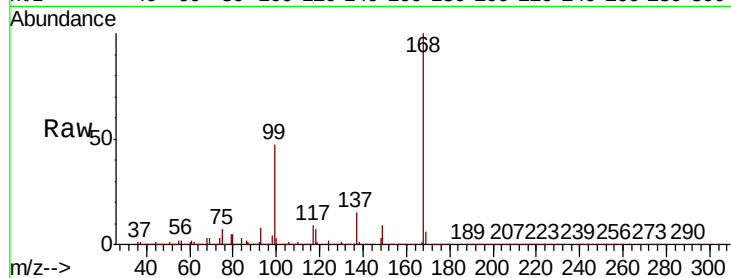
99 47.1 39.8 59.8

Manual Integrations

APPROVED

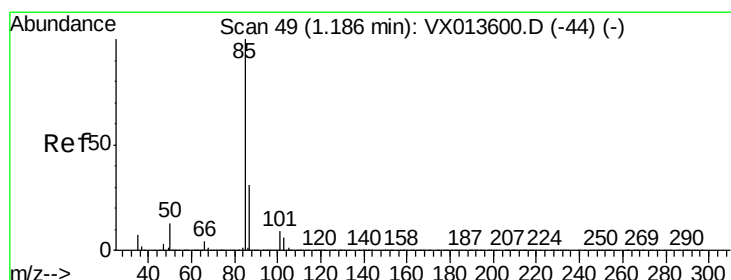
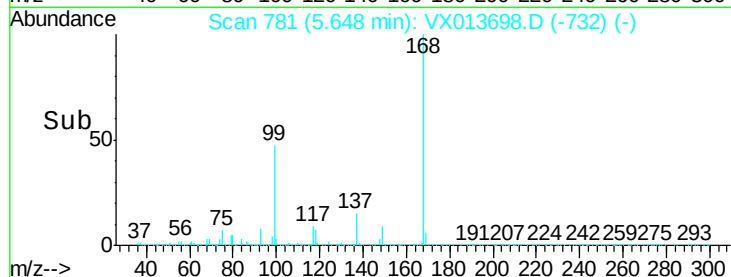
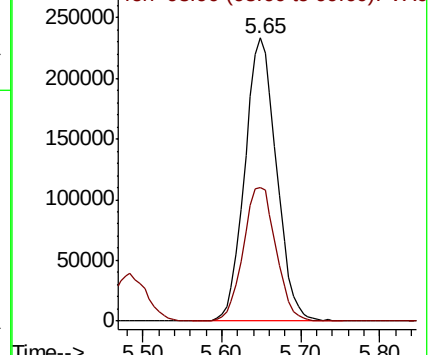
apatel

12/2/2019 12:47:56 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.214 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013698.D

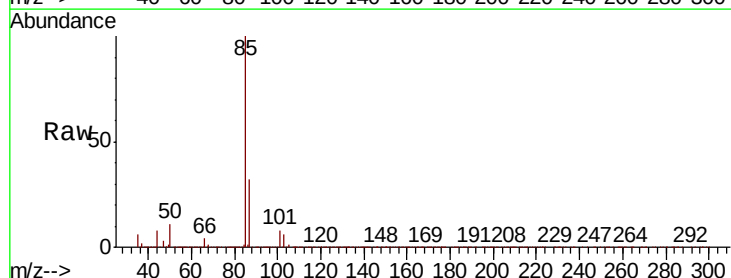
Acq: 29 Nov 2019 14:03

Tgt Ion: 85 Resp: 138956

Ion Ratio Lower Upper

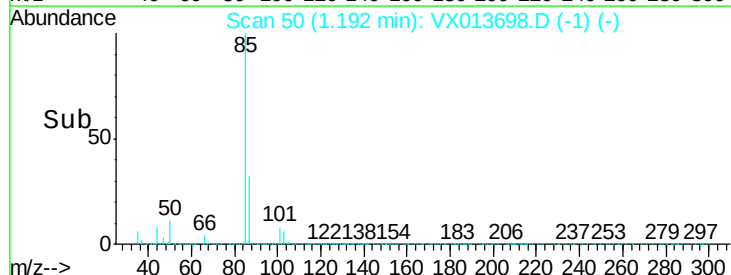
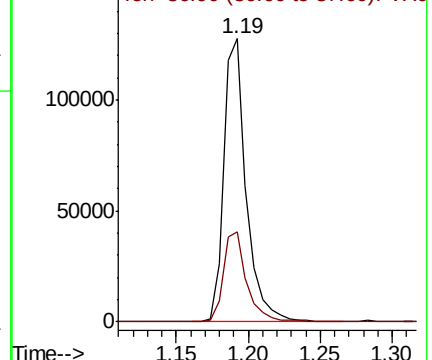
85 100

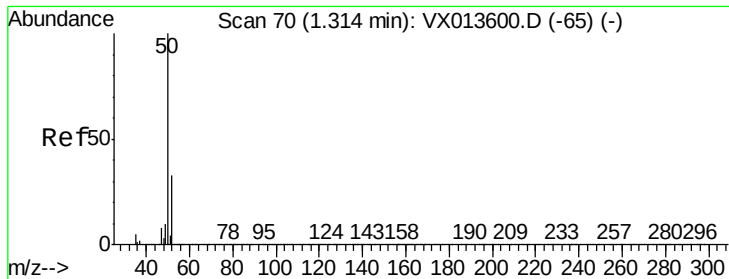
87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.673 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 50 Resp: 151532

Ion Ratio Lower Upper

50 100

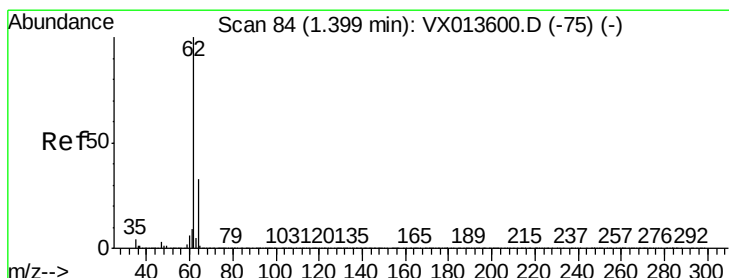
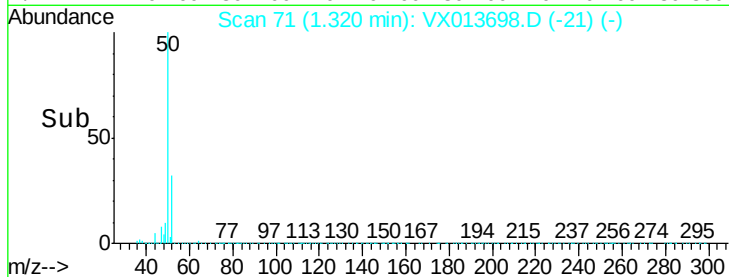
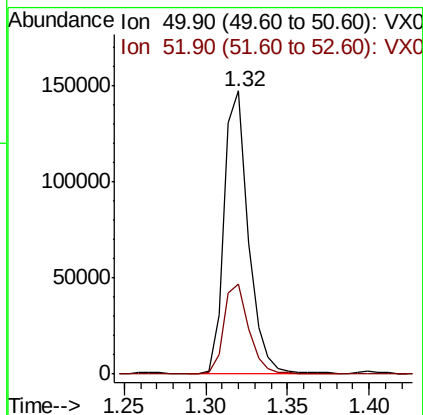
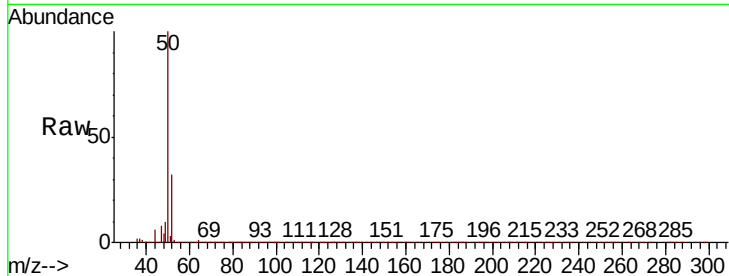
52 31.6 26.0 39.0

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#4

Vinyl Chloride

Concen: 19.272 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013698.D

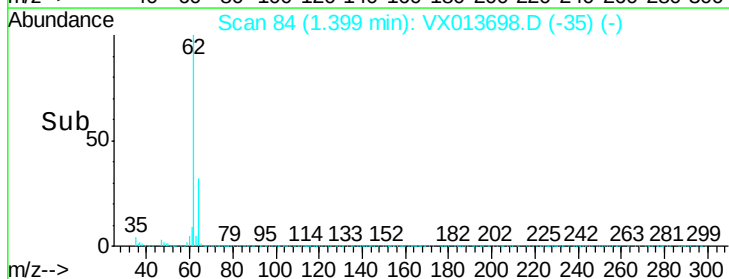
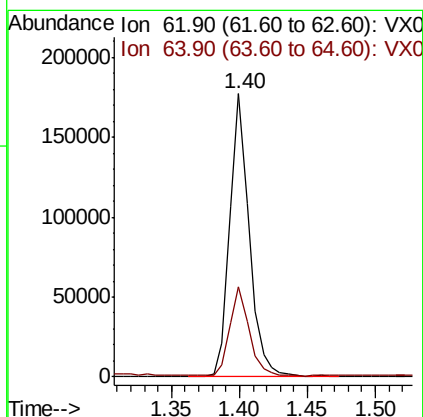
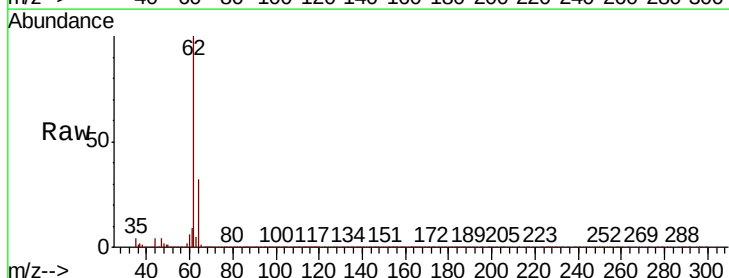
Acq: 29 Nov 2019 14:03

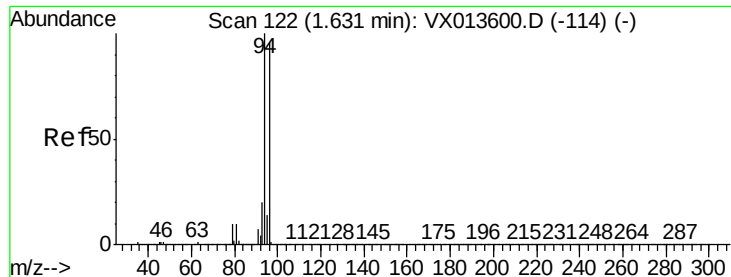
Tgt Ion: 62 Resp: 176024

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 16.414 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 94 Resp: 100680

Ion Ratio Lower Upper

94 100

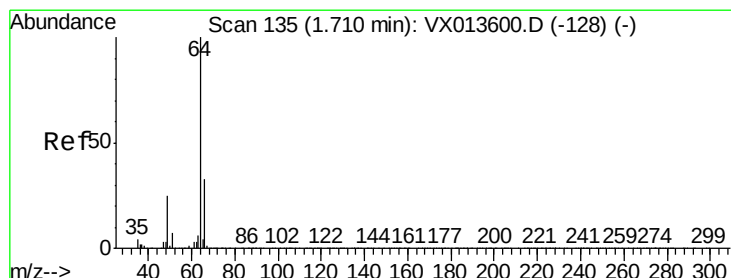
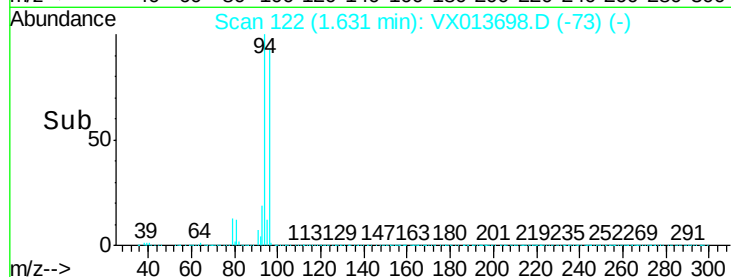
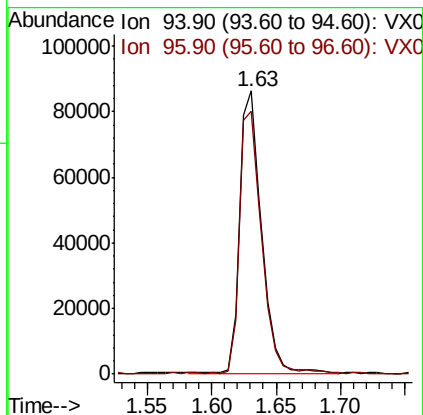
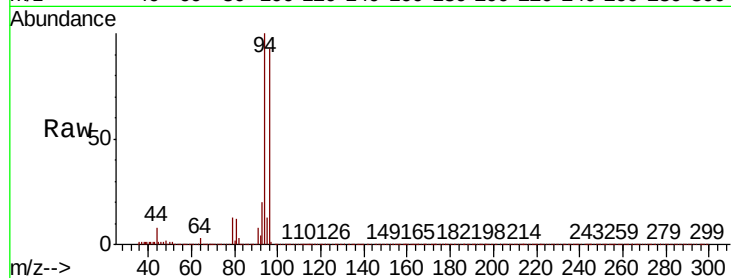
96 92.6 77.0 115.4

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#6

Chloroethane

Concen: 18.648 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013698.D

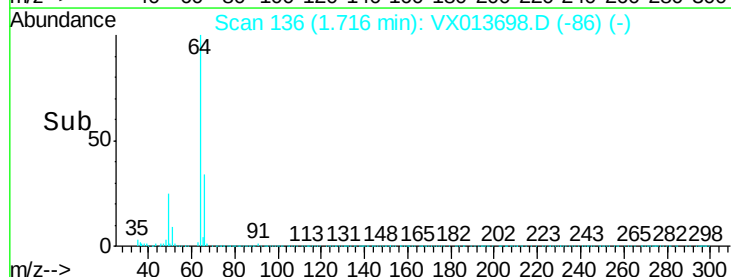
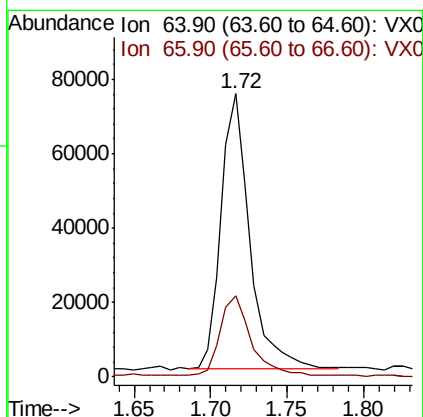
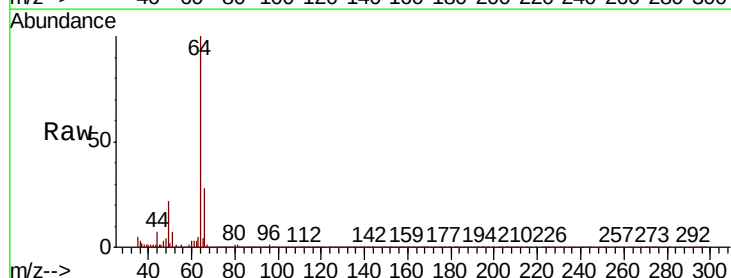
Acq: 29 Nov 2019 14:03

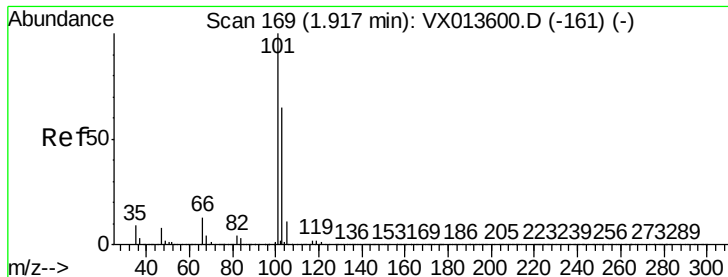
Tgt Ion: 64 Resp: 96922

Ion Ratio Lower Upper

64 100

66 28.6 26.7 40.1





#7

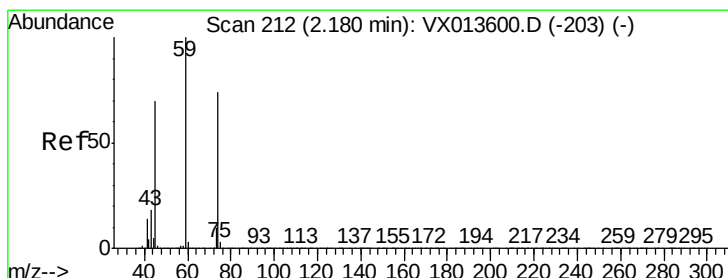
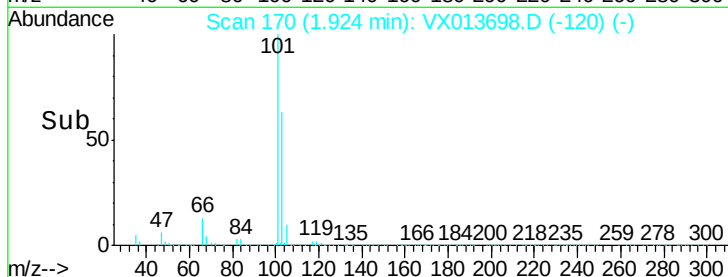
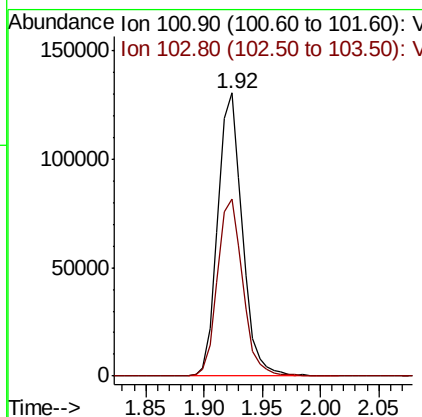
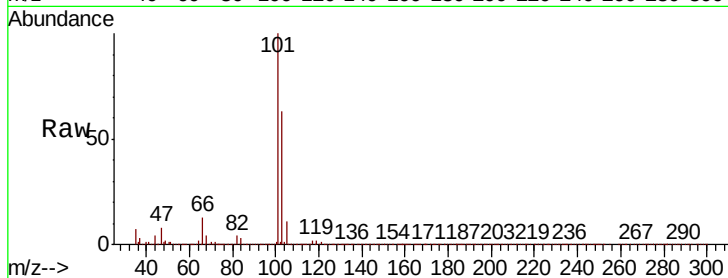
Trichlorofluoromethane
Concen: 18.586 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	188495		
103	62.6	51.8	77.6	

Manual Integrations
APPROVED

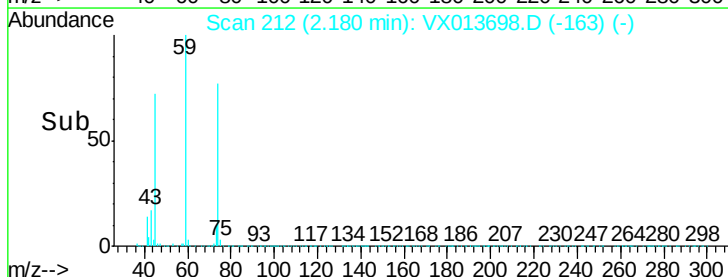
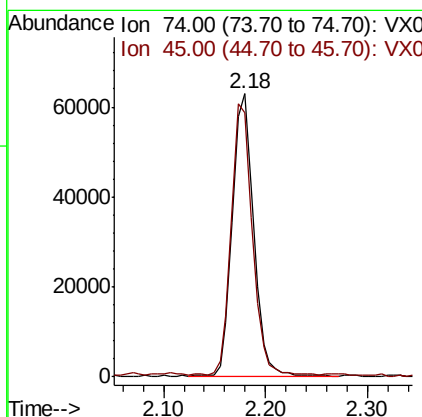
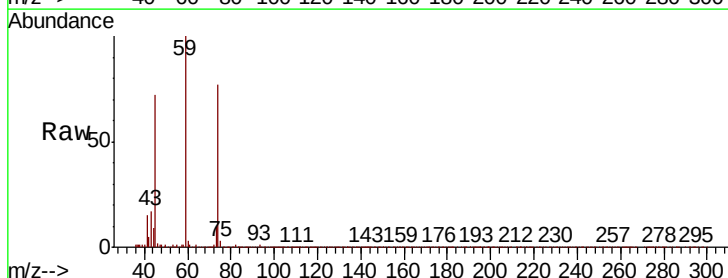
apatel
12/2/2019 12:47:56 PM

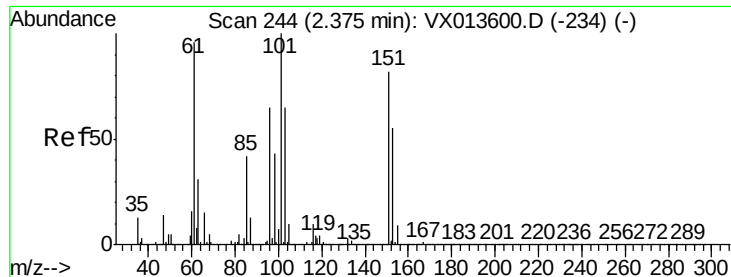


#8

Diethyl Ether
Concen: 19.594 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	89902		
45	96.8	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.877 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

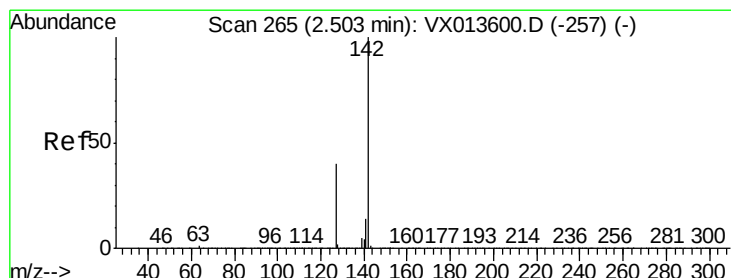
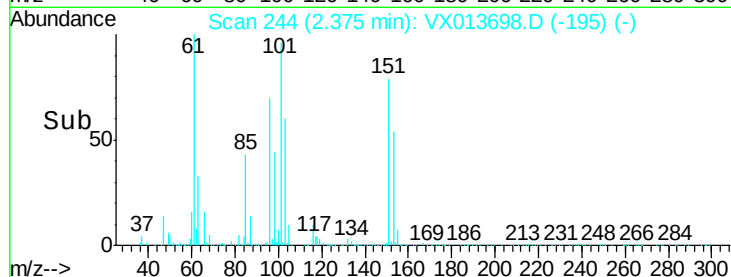
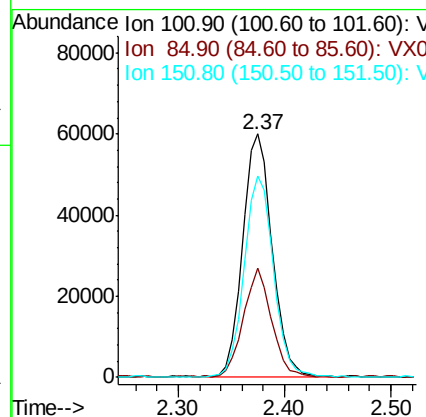
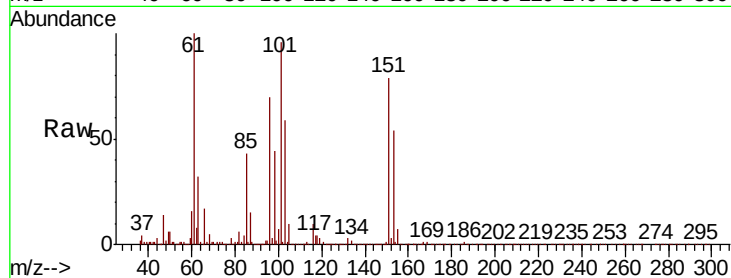
ClientSampleId :

VX1129WBSD01

Tot Ion:	101	Resp:	116939
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	82.9	64.2	96.2

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#10

Methyl Iodide

Concen: 16.409 ug/l

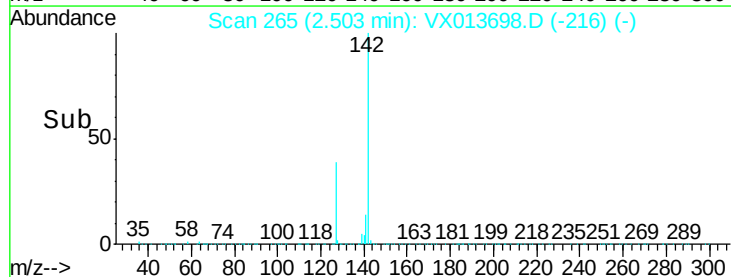
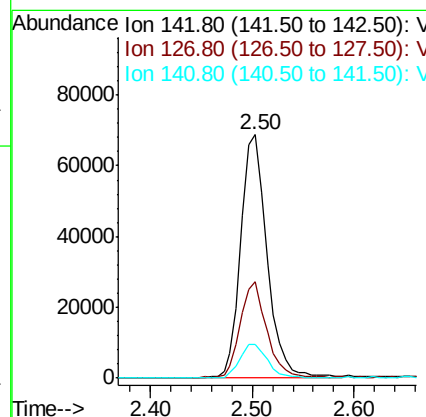
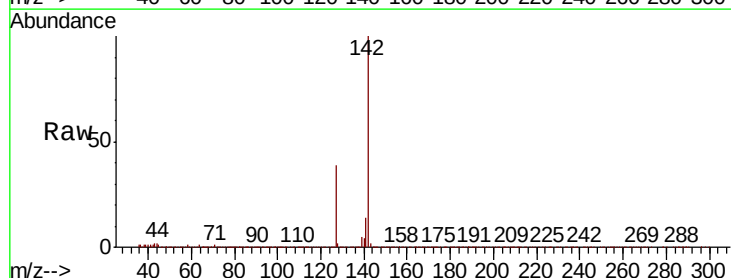
RT: 2.50 min Scan# 265

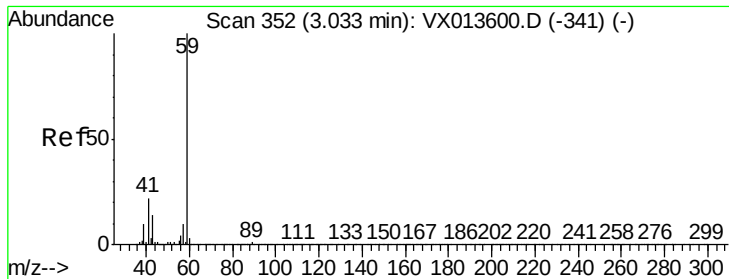
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	142	Resp:	122962
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.0	46.4
141	14.6	11.6	17.4





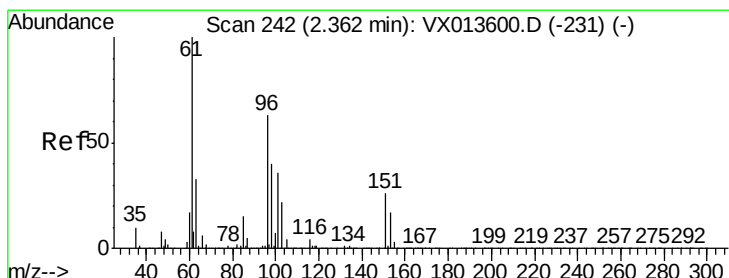
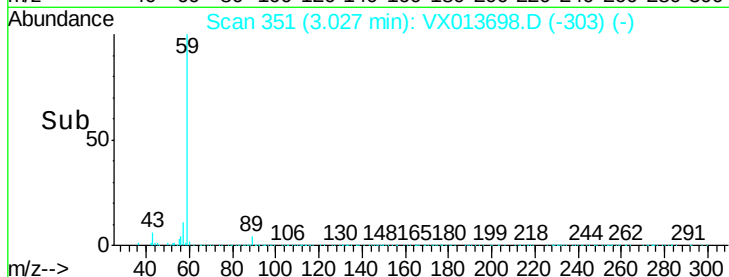
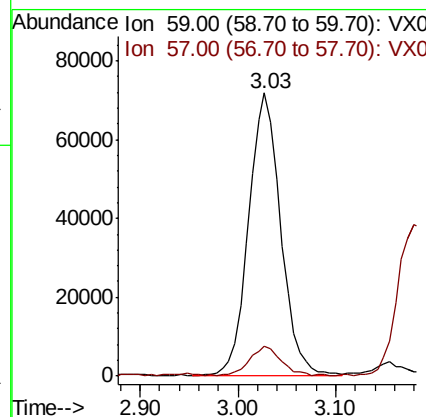
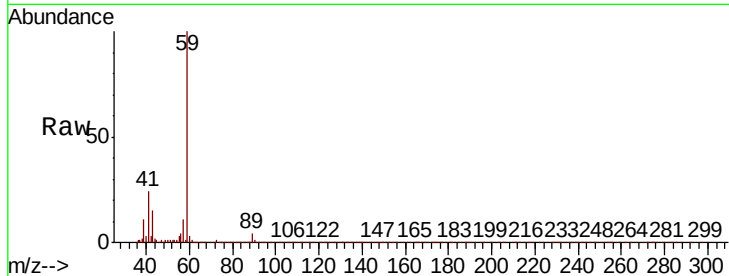
#11
Tert butyl alcohol
Concen: 87.284 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion: 59 Resp: 162491
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

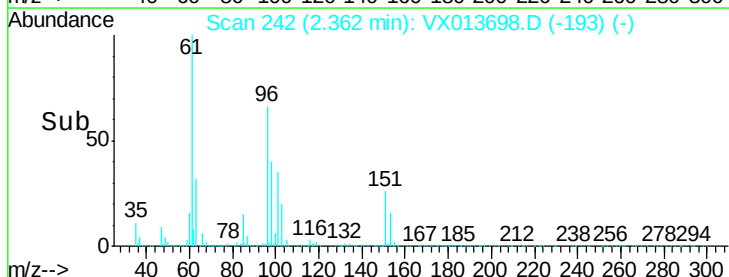
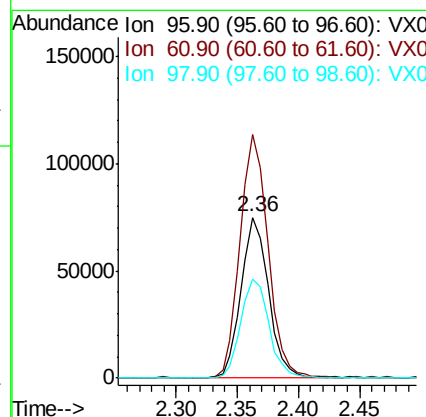
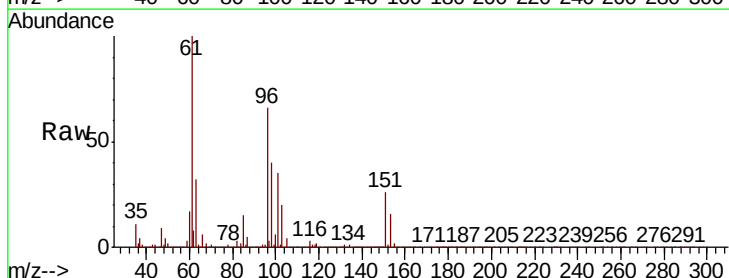
Manual Integrations
APPROVED

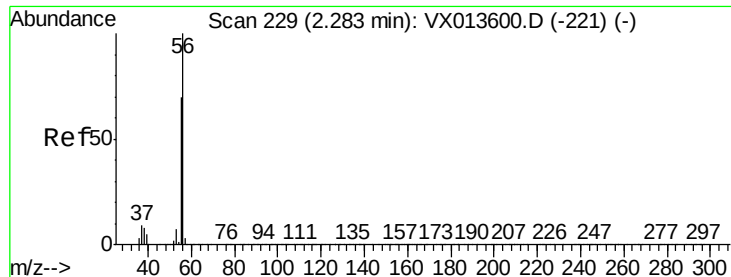
apatel
12/2/2019 12:47:56 PM



#12
1,1-Dichloroethene
Concen: 18.852 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 96 Resp: 116570
Ion Ratio Lower Upper
96 100
61 151.7 126.6 190.0
98 61.3 50.6 76.0





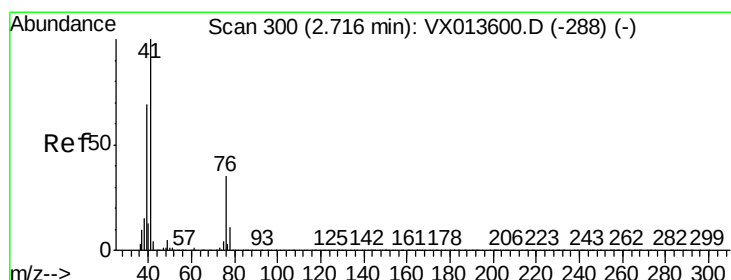
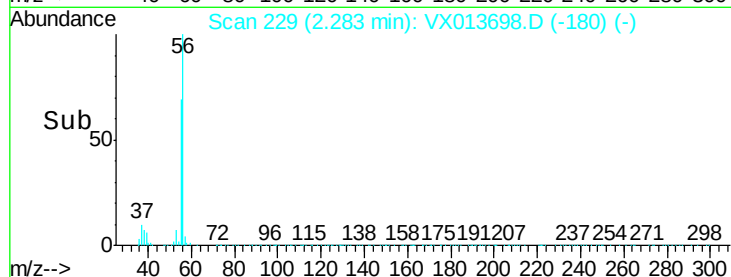
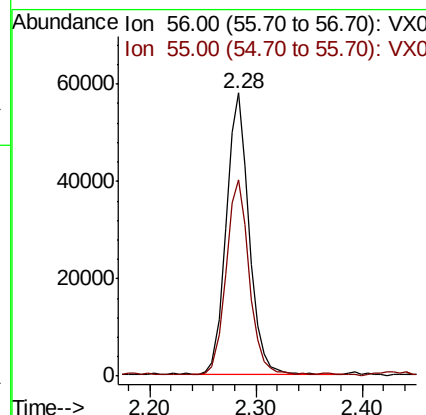
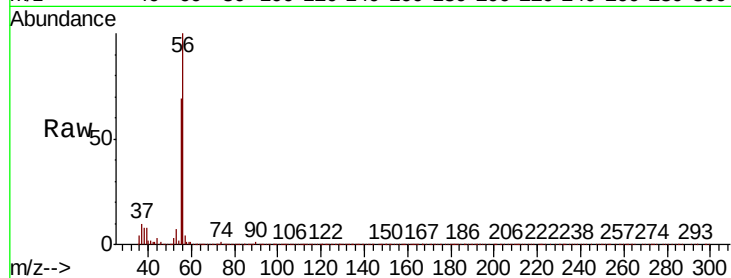
#13
Acrolein
Concen: 74.137 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.2	84.4

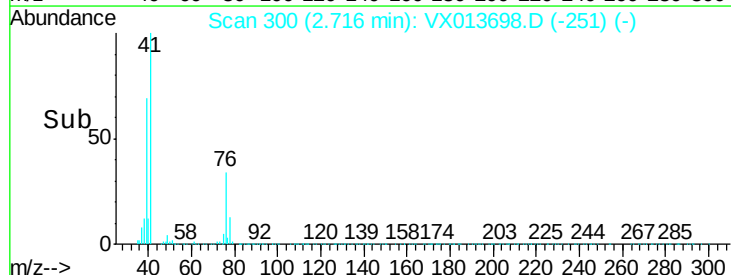
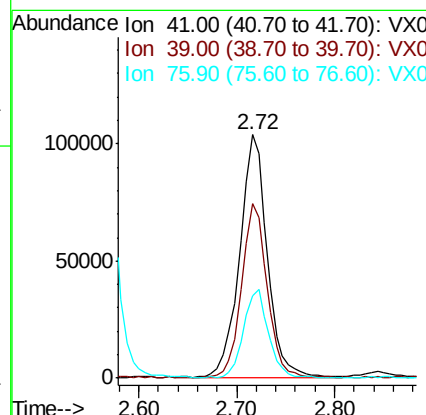
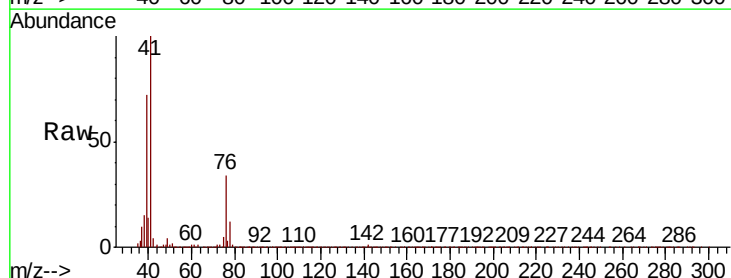
Manual Integrations
APPROVED

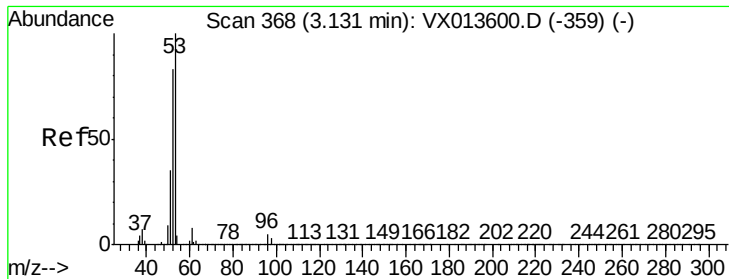
apatel
12/2/2019 12:47:56 PM



#14
Allyl chloride
Concen: 18.044 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.5	51.7	77.5
76	32.9	25.9	38.9





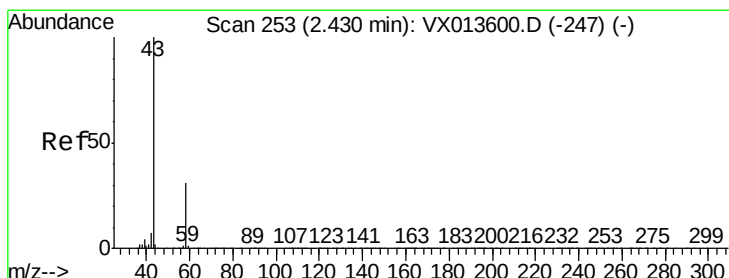
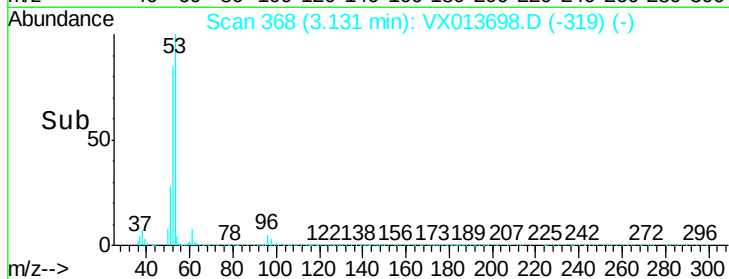
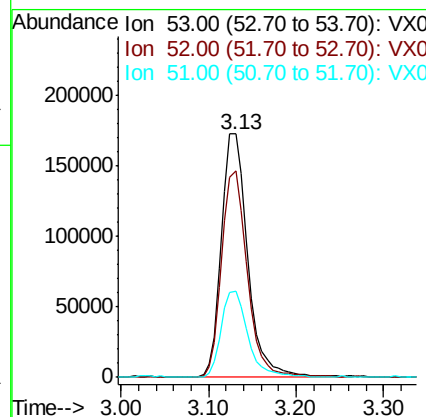
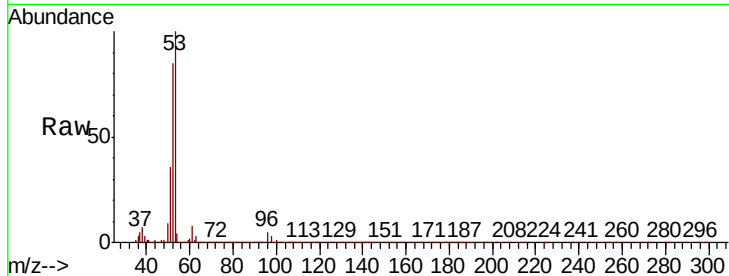
#15
 Acrylonitrile
 Concen: 93.773 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Tot Ion:	53	Resp:	360345
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.2	99.2
51	36.1	29.0	43.6

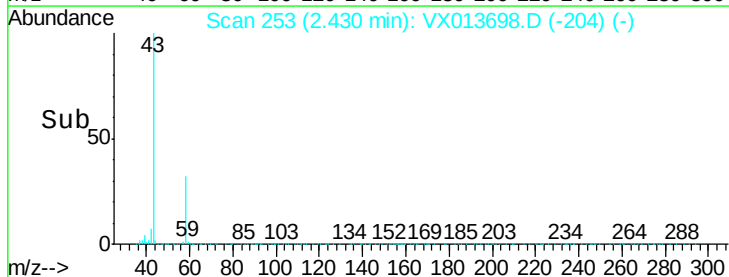
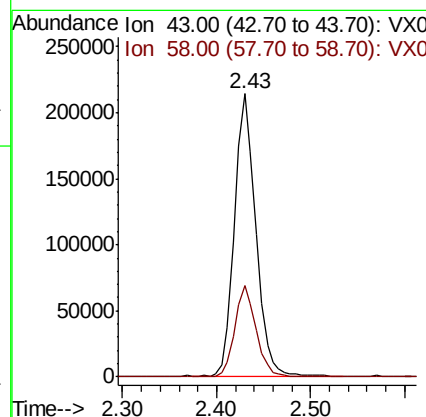
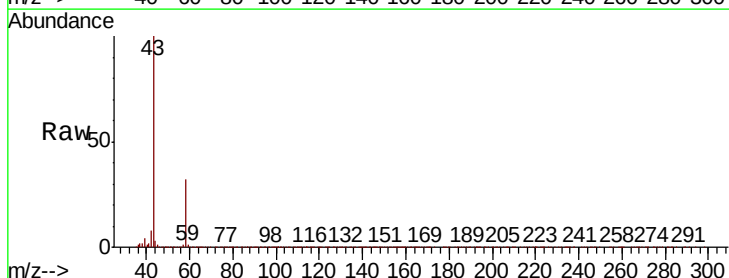
Manual Integrations
 APPROVED

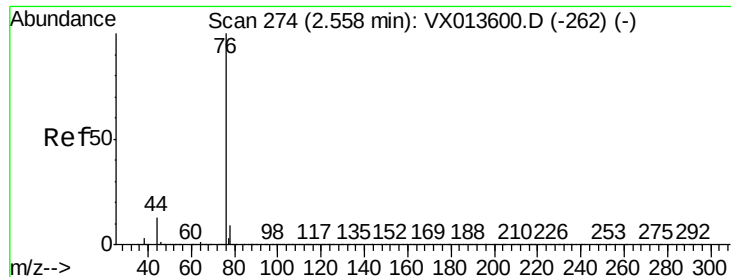
apatel
 12/2/2019 12:47:56 PM



#16
 Acetone
 Concen: 90.314 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion:	43	Resp:	336298
Ion Ratio		Lower	Upper
43	100		
58	32.1	24.6	36.8





#17

Carbon Disulfide

Concen: 17.311 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 76 Resp: 305140

Ion Ratio Lower Upper

76 100

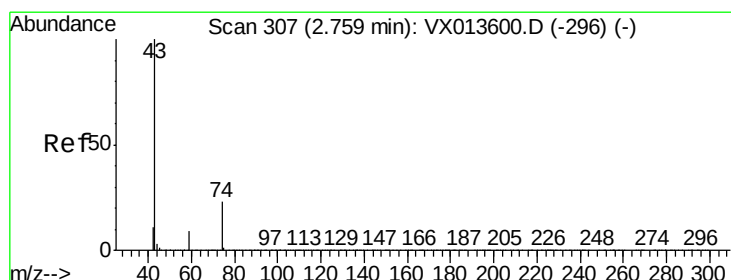
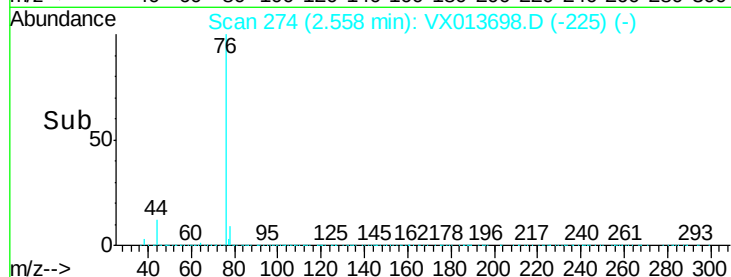
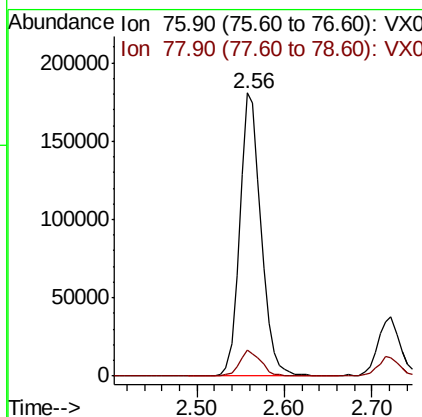
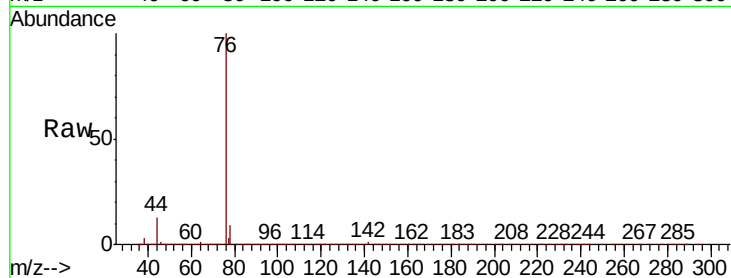
78 9.0 7.2 10.8

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#18

Methyl Acetate

Concen: 19.968 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013698.D

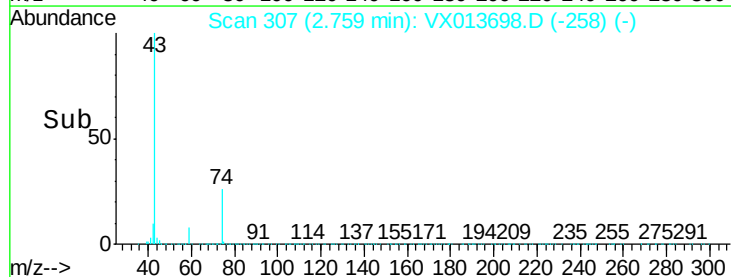
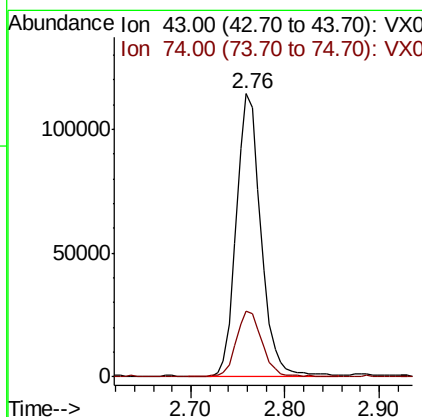
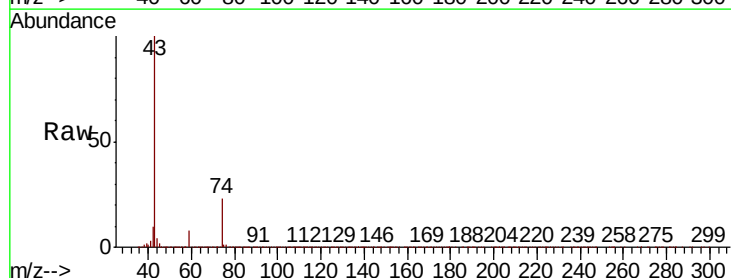
Acq: 29 Nov 2019 14:03

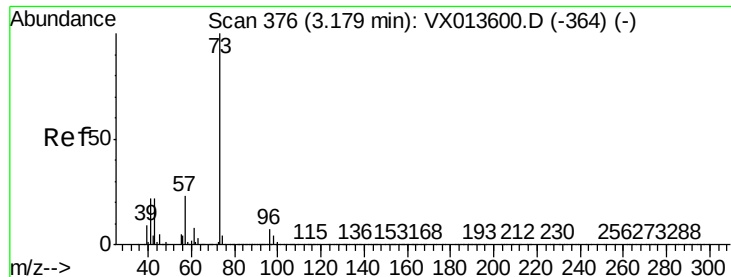
Tgt Ion: 43 Resp: 207045

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3





#19

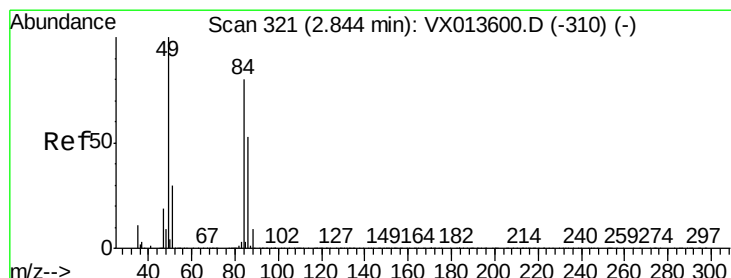
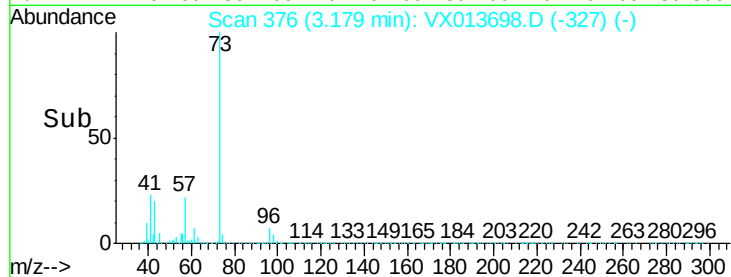
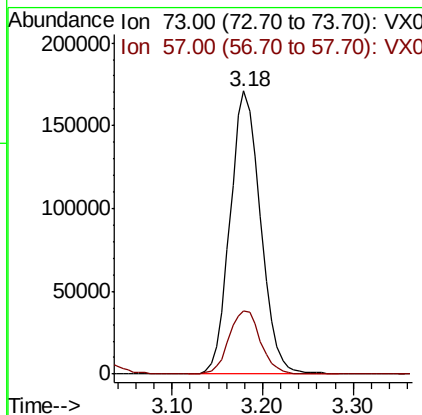
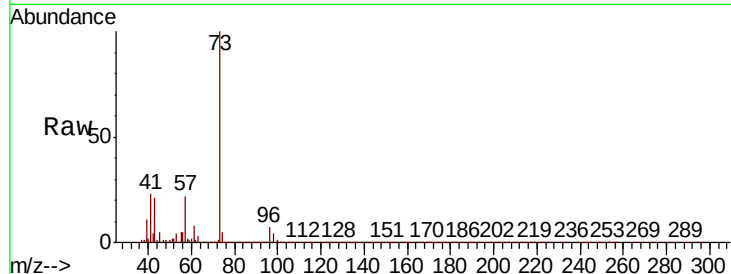
Methyl tert-butyl Ether
 Concen: 19.419 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.3	27.5

Manual Integrations
 APPROVED

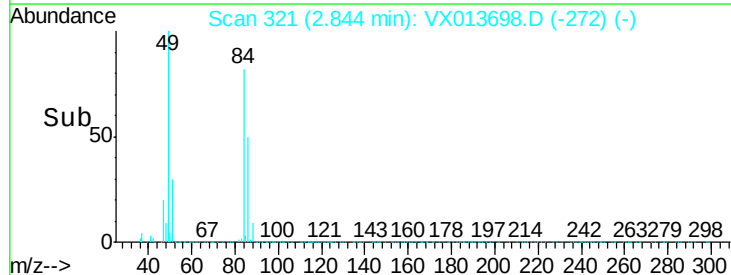
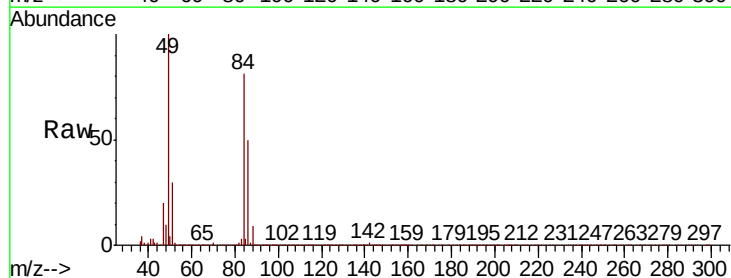
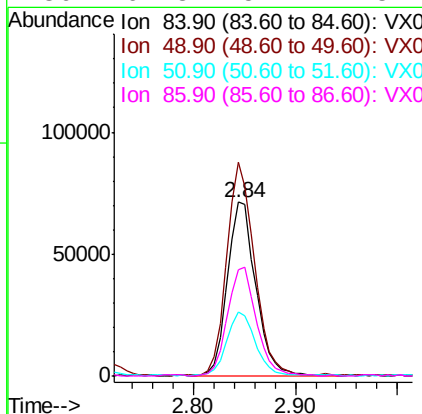
apatel
 12/2/2019 12:47:56 PM

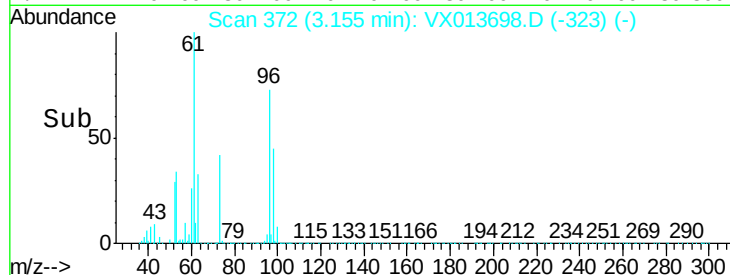
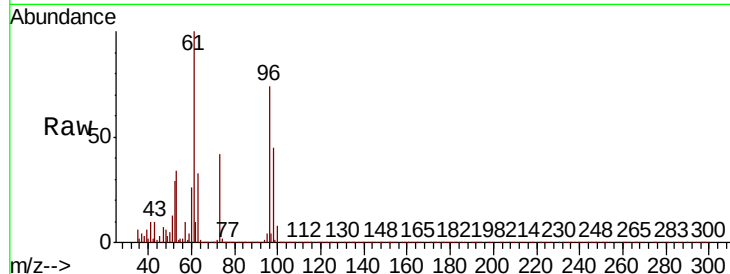
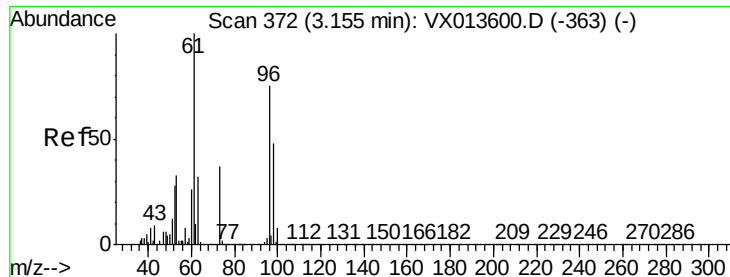


#20

Methylene Chloride
 Concen: 19.287 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	99.7	149.5
51	36.5	29.9	44.9
86	61.3	52.2	78.4





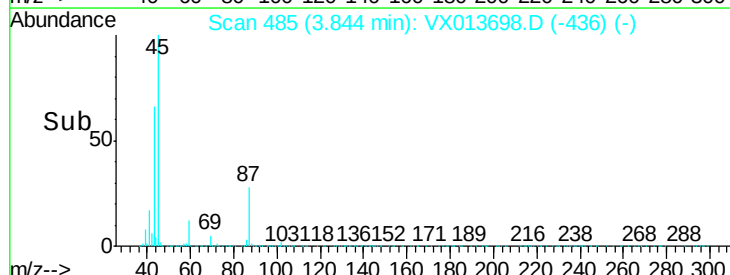
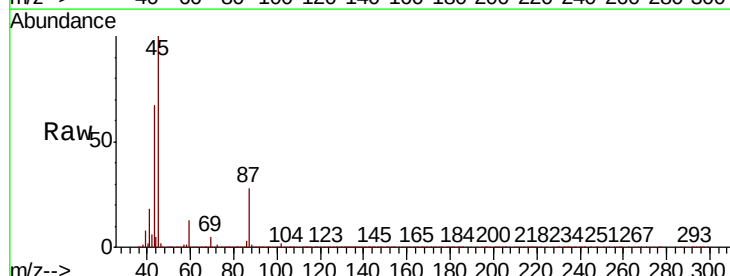
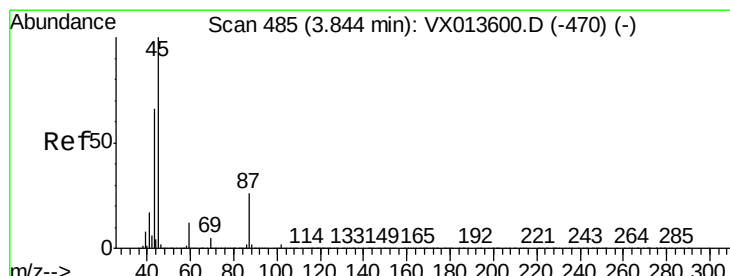
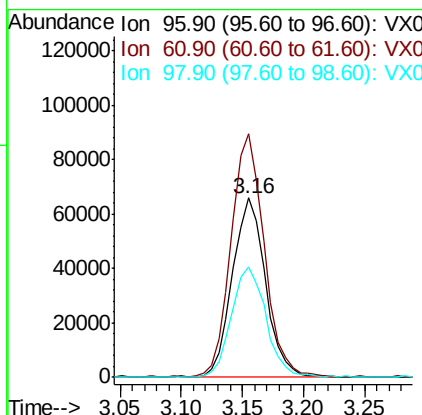
#21
trans-1,2-Dichloroethene
Concen: 18.260 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	107.2	160.8
98	61.2	51.4	77.0

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

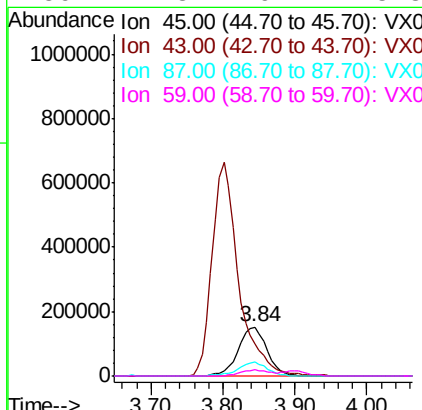
Manual Integrations
APPROVED

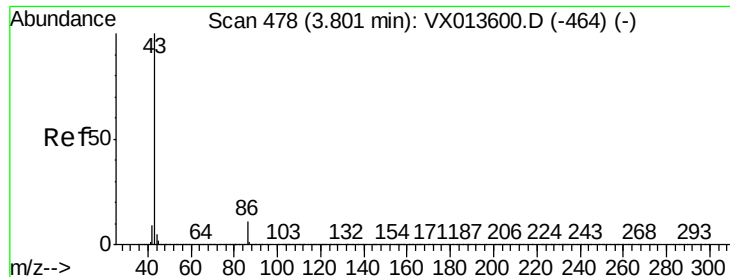
apatel
12/2/2019 12:47:56 PM



#22
Diisopropyl ether
Concen: 19.392 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.9	52.6	79.0
87	28.2	21.1	31.7
59	12.3	9.2	13.8





#23

Vinyl Acetate

Concen: 94.918 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tot Ion: 43 Resp: 1706145

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

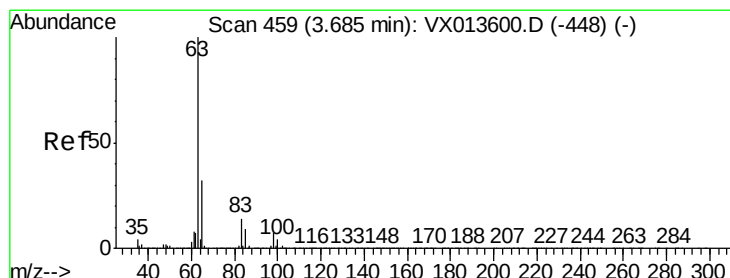
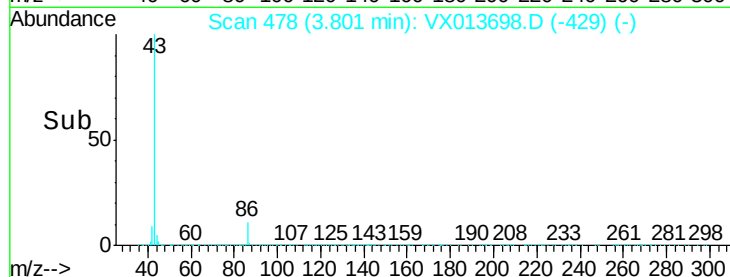
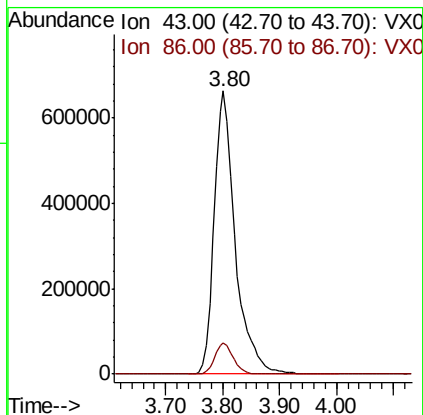
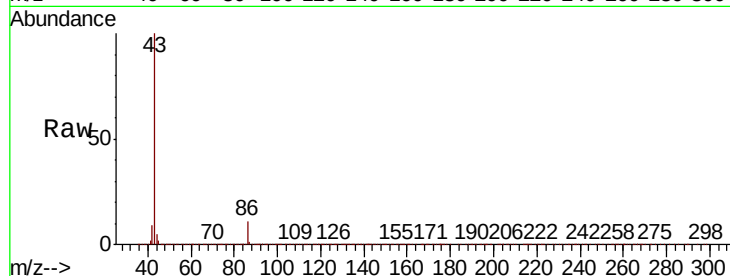
VX1129WBSD01

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

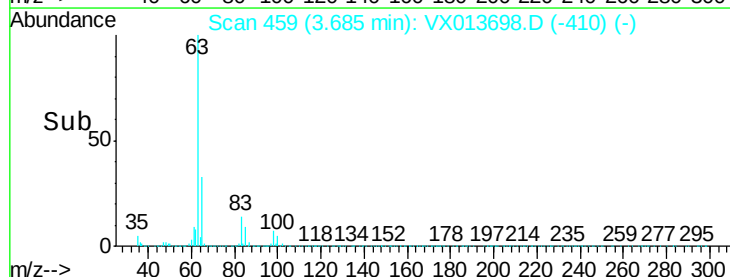
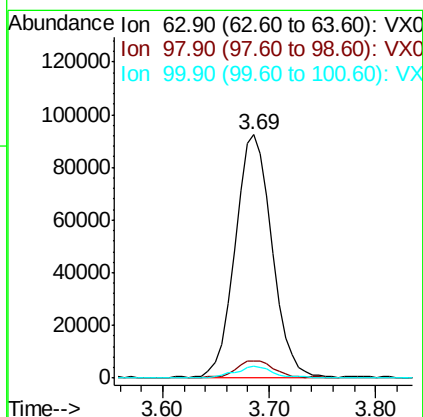
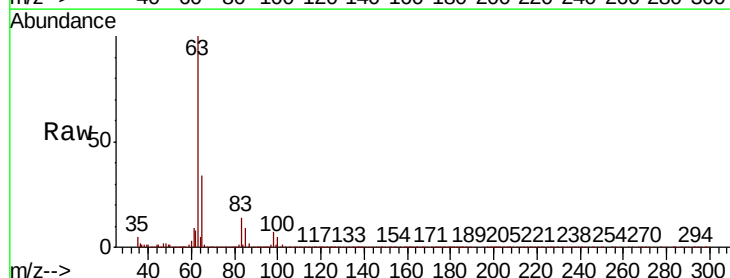
Tgt Ion: 63 Resp: 222380

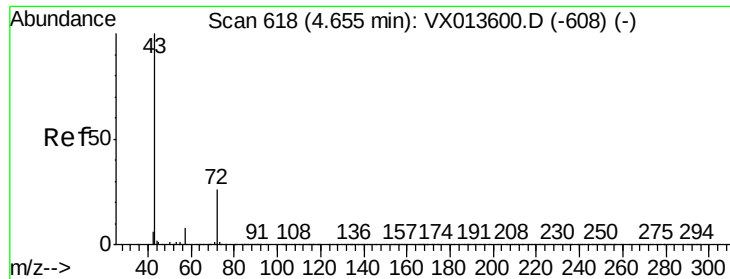
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 92.733 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 43 Resp: 513187

Ion Ratio Lower Upper

43 100

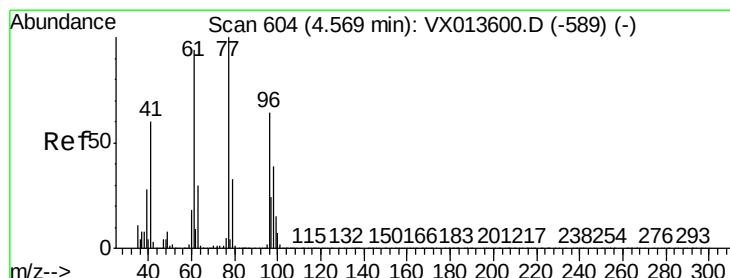
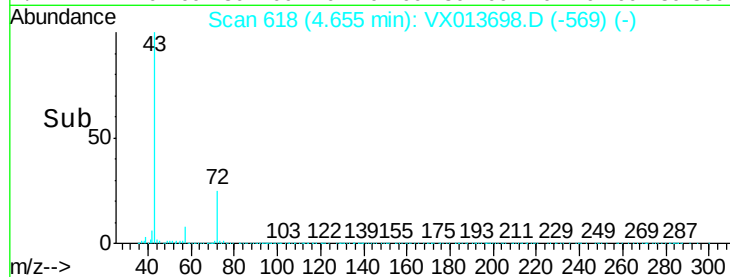
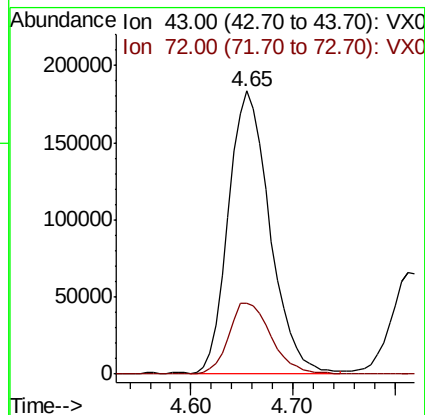
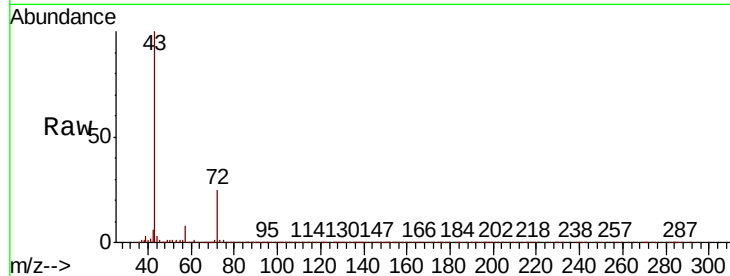
72 24.8 20.6 31.0

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#26

2,2-Dichloropropane

Concen: 16.899 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013698.D

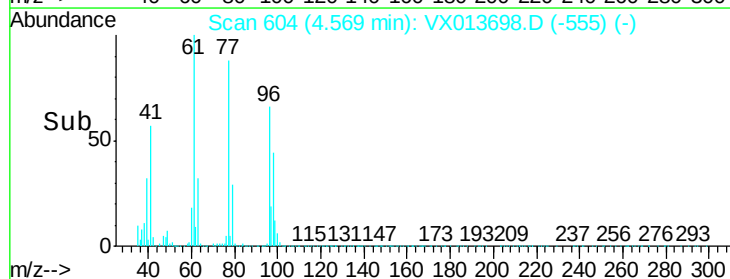
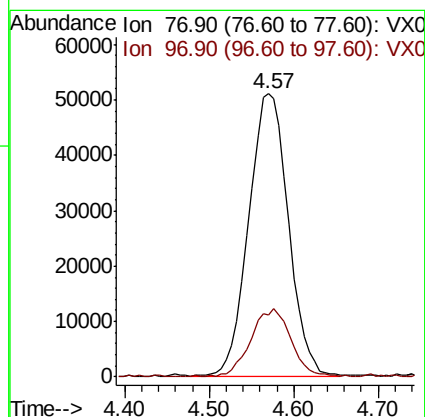
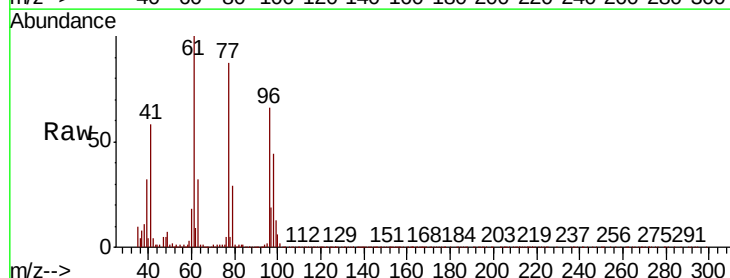
Acq: 29 Nov 2019 14:03

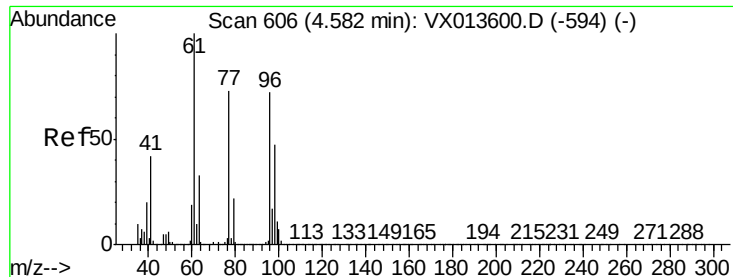
Tgt Ion: 77 Resp: 165150

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

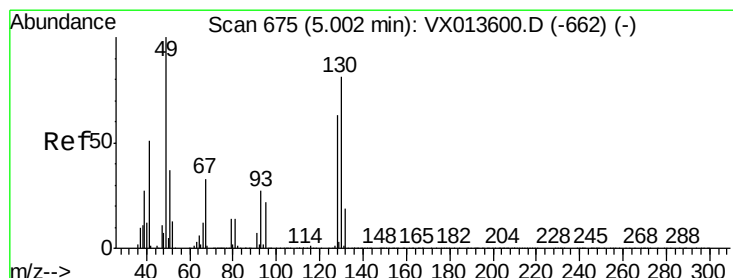
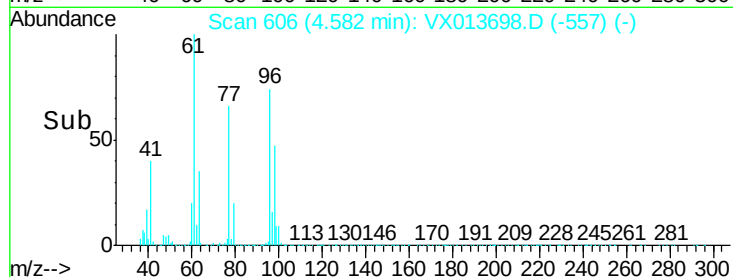
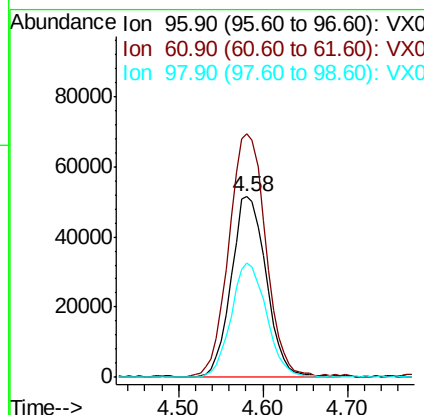
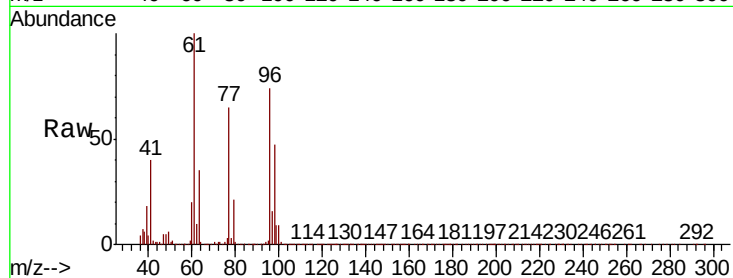
cis-1,2-Dichloroethene
Concen: 18.665 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	286.4
98	64.2	0.0	127.4

Manual Integrations
APPROVED

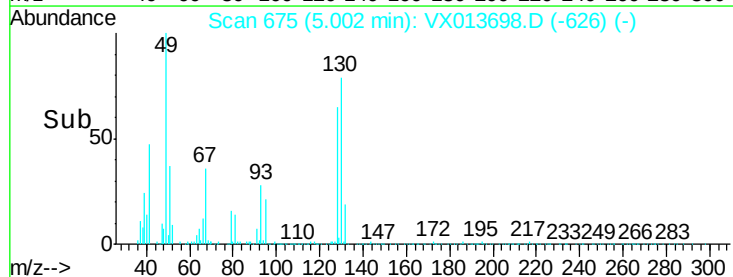
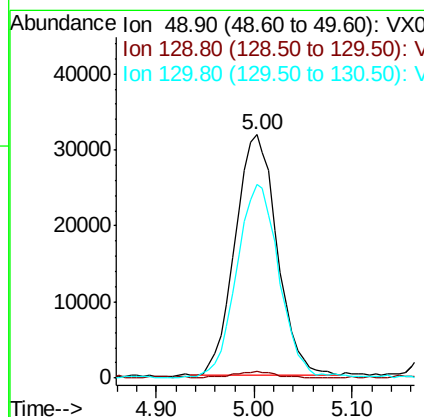
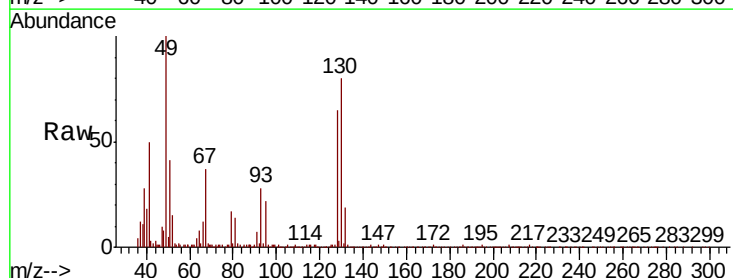
apatel
12/2/2019 12:47:56 PM

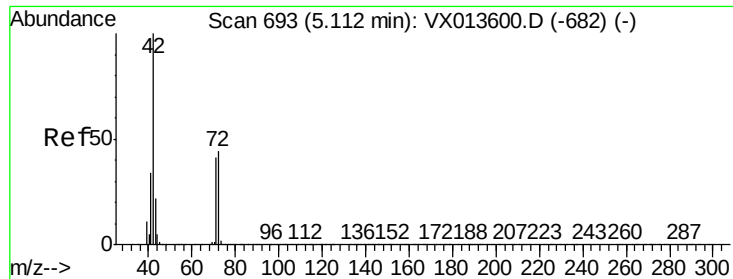


#28

Bromochloromethane
Concen: 20.217 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	81.5	65.4	98.0





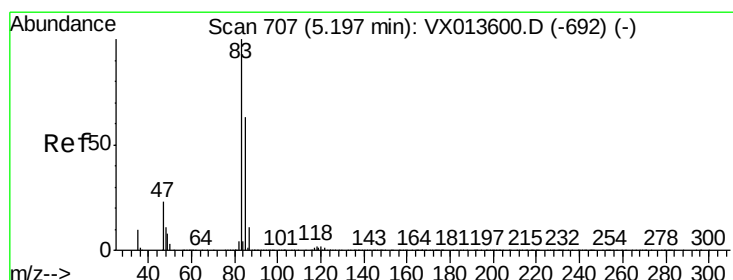
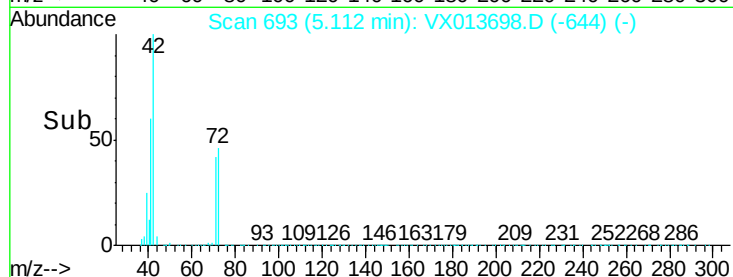
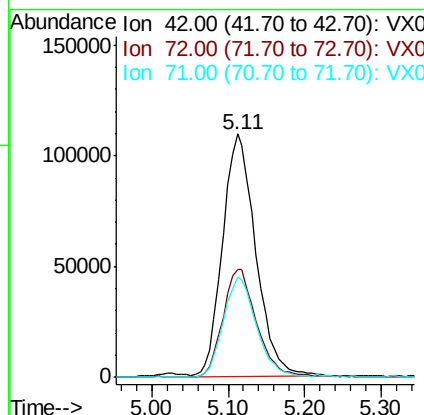
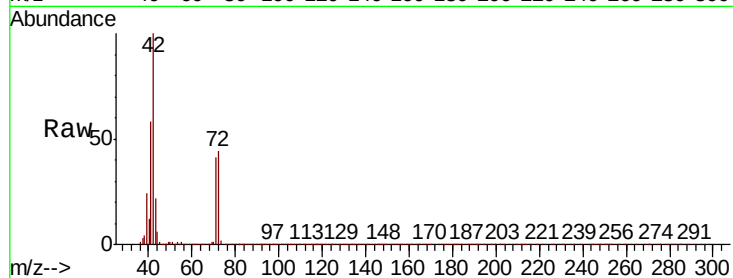
#29
Tetrahydrofuran
Concen: 96.252 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.3	54.5
71	41.0	33.2	49.8

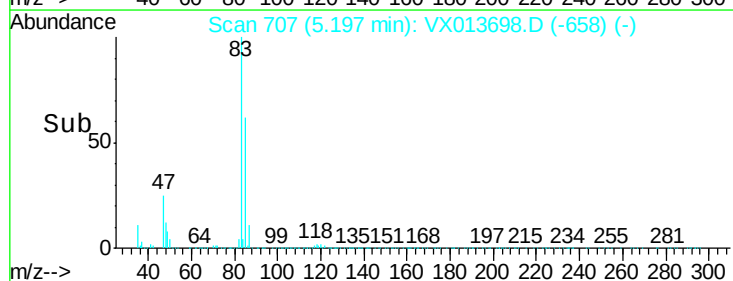
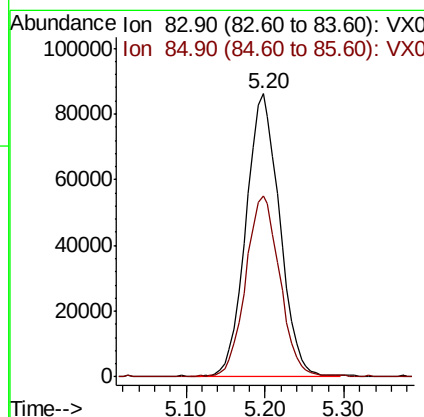
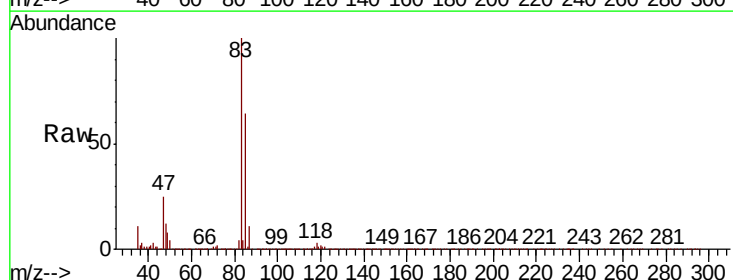
Manual Integrations
APPROVED

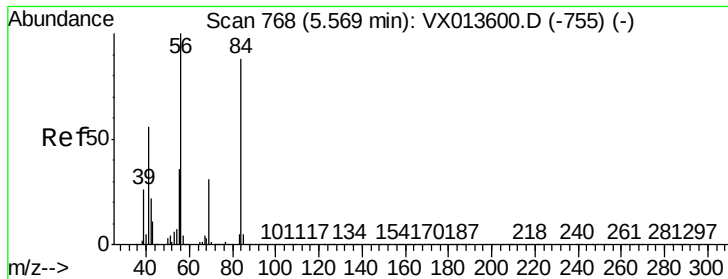
apatel
12/2/2019 12:47:56 PM



#30
Chloroform
Concen: 21.319 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.2	75.4





#31

Cyclohexane

Concen: 18.349 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

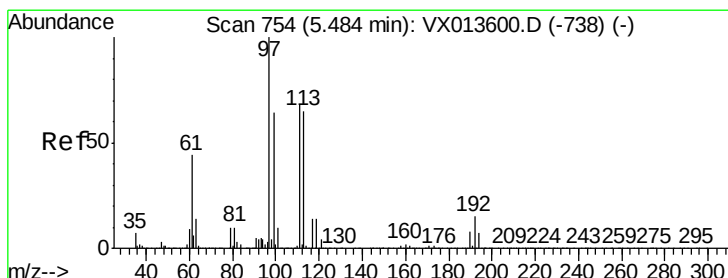
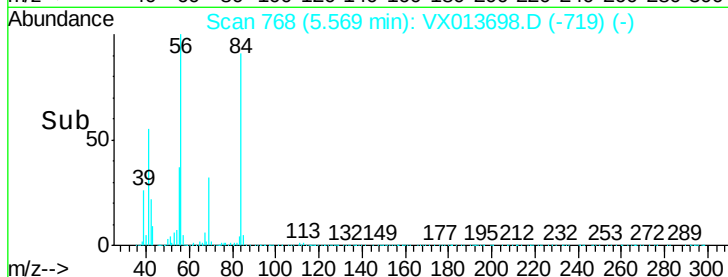
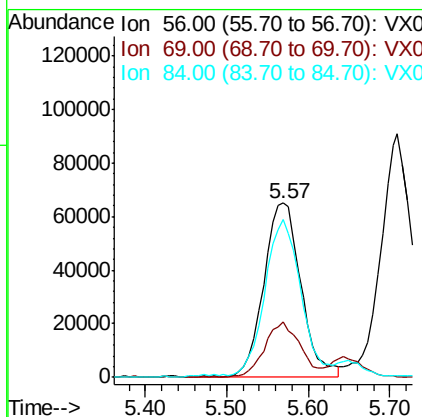
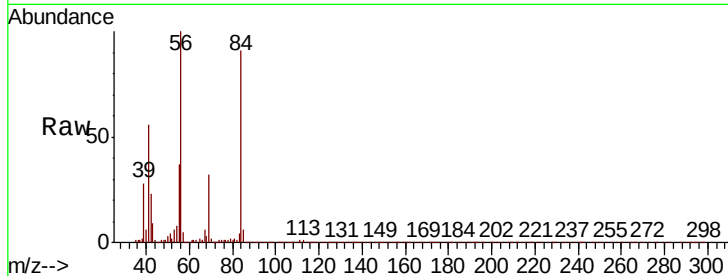
ClientSampleId :

VX1129WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.0	24.6	36.8	
84	90.2	70.0	105.0	

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#32

1,1,1-Trichloroethane

Concen: 18.256 ug/l

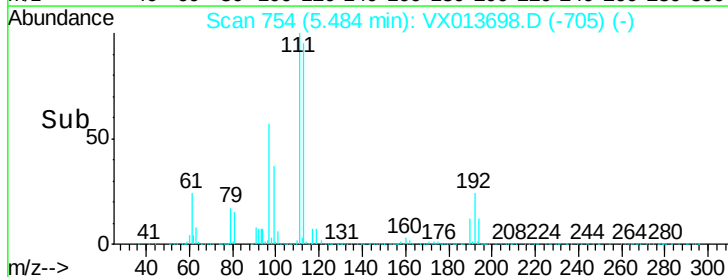
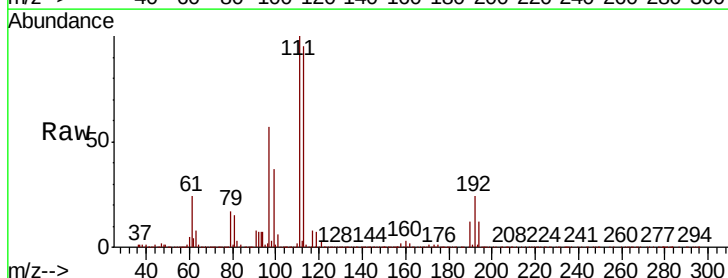
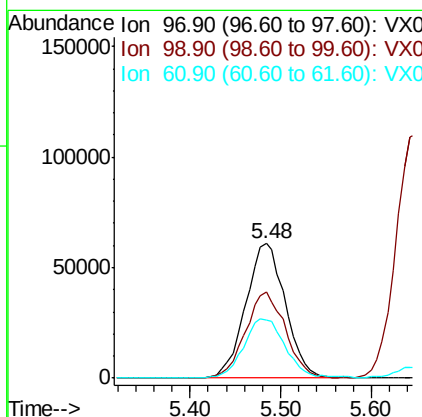
RT: 5.48 min Scan# 754

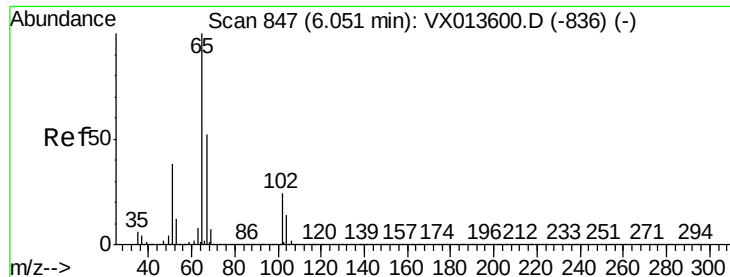
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.6	77.4	
61	44.8	36.1	54.1	





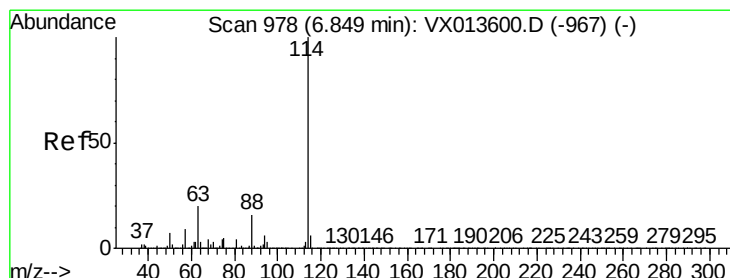
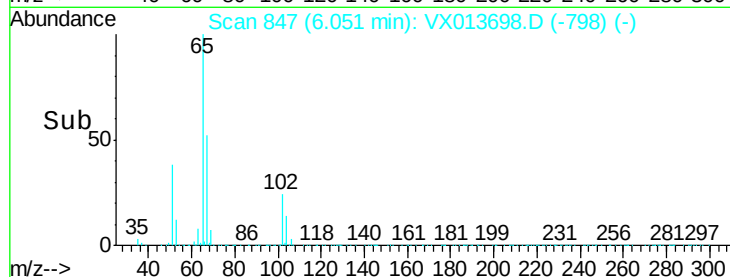
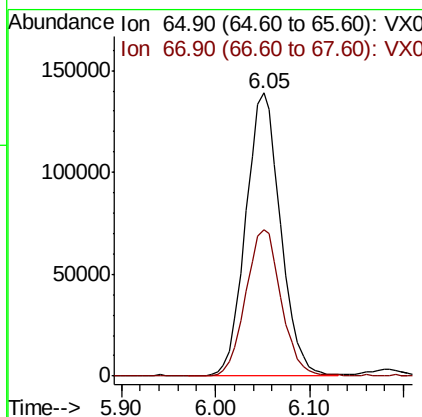
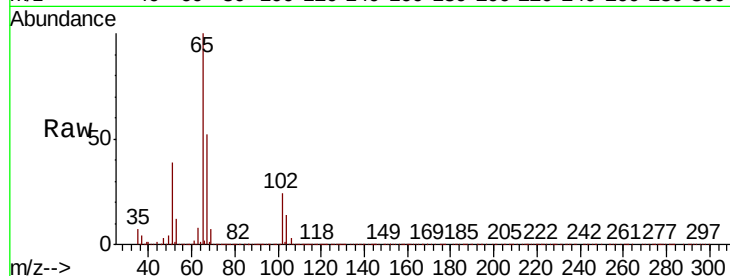
#33
 1,2-Dichloroethane-d4
 Concen: 47.767 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.4

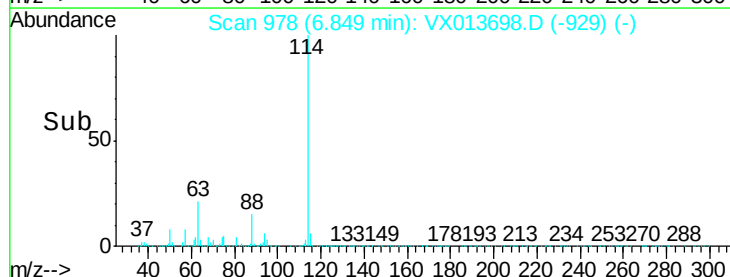
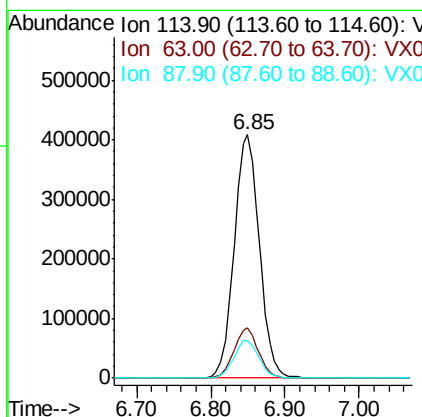
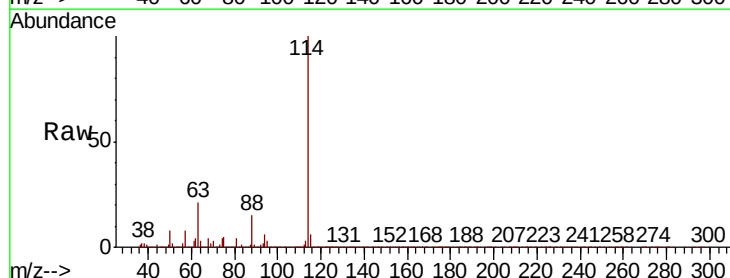
Manual Integrations
 APPROVED

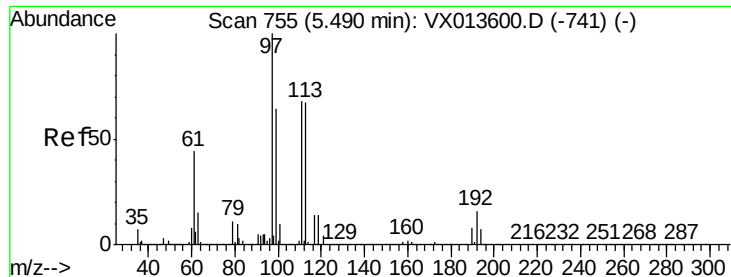
apatel
 12/2/2019 12:47:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.6
88	15.4	0.0	31.4





#35

Dibromofluoromethane

Concen: 48.935 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

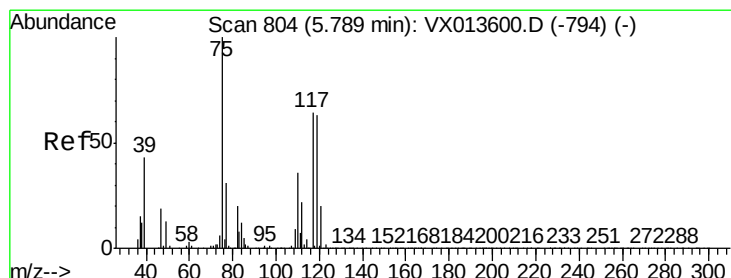
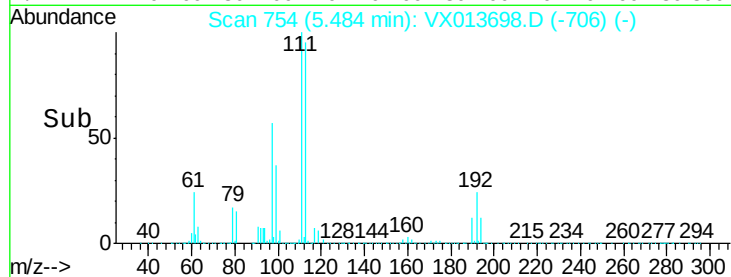
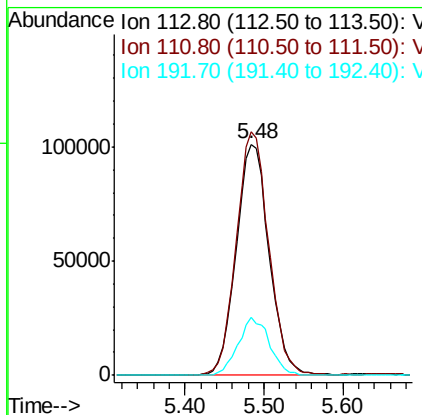
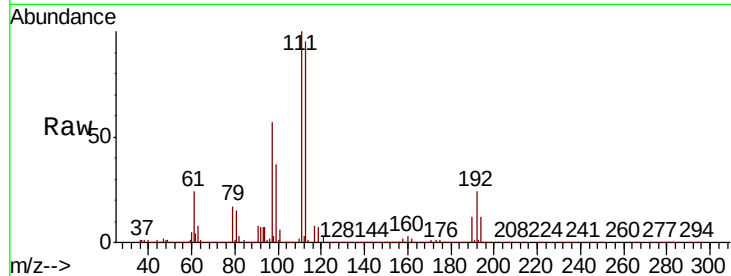
ClientSampleId :

VX1129WBSD01

Tot Ion:	113	Resp:	293193
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.6	125.4
192	23.6	19.2	28.8

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#36

1,1-Dichloropropene

Concen: 18.679 ug/l

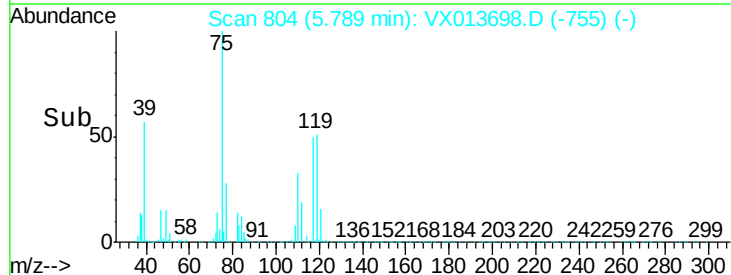
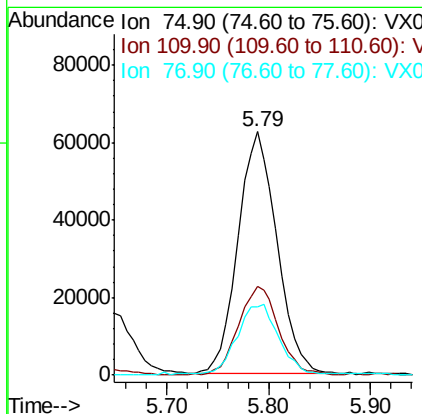
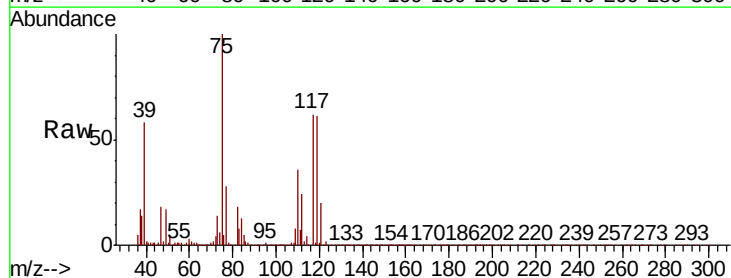
RT: 5.79 min Scan# 804

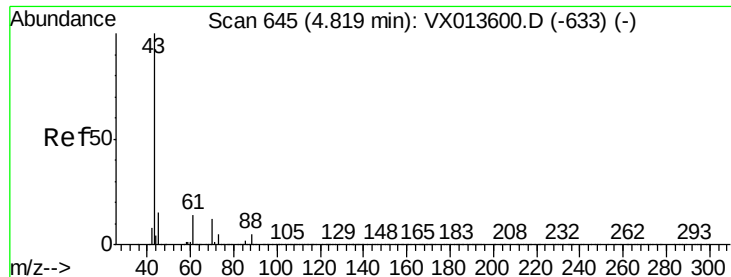
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	75	Resp:	164329
Ion Ratio	Lower	Upper	
75	100		
110	38.5	18.1	54.1
77	30.5	24.5	36.7





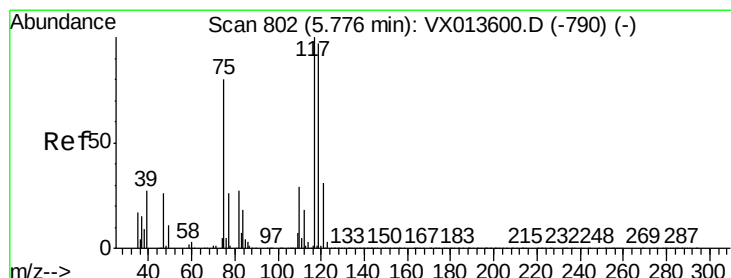
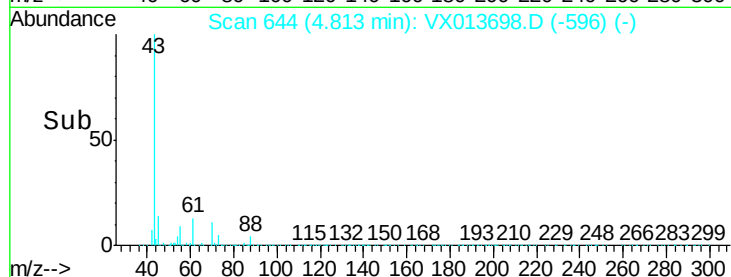
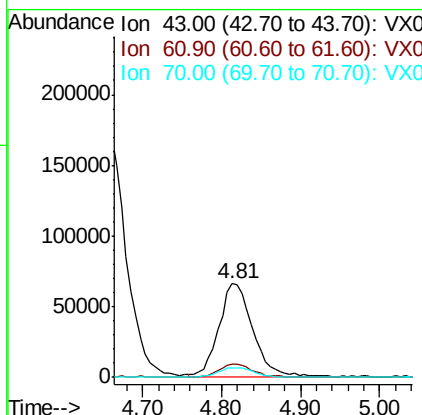
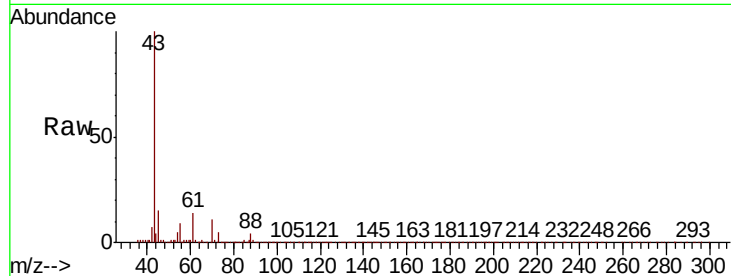
#37
Ethyl Acetate
Concen: 19.646 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	43	Resp	193899
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.0	16.4
70	11.8	8.6	12.8

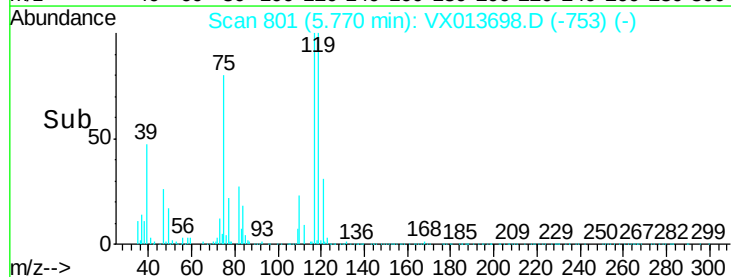
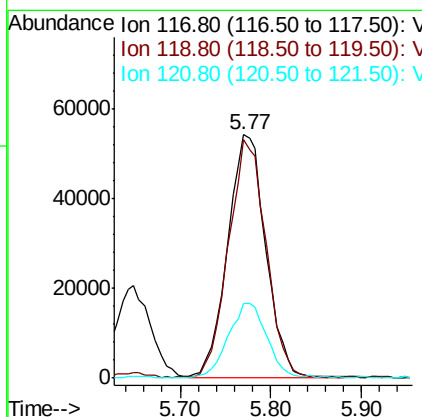
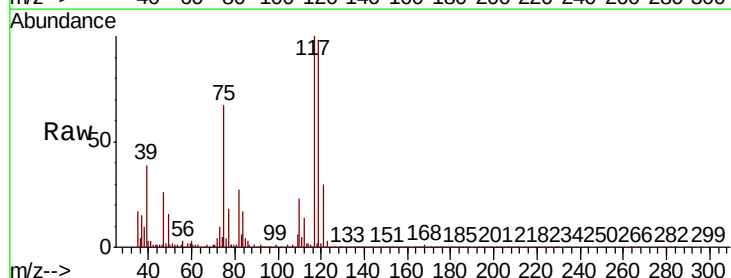
Manual Integrations
APPROVED

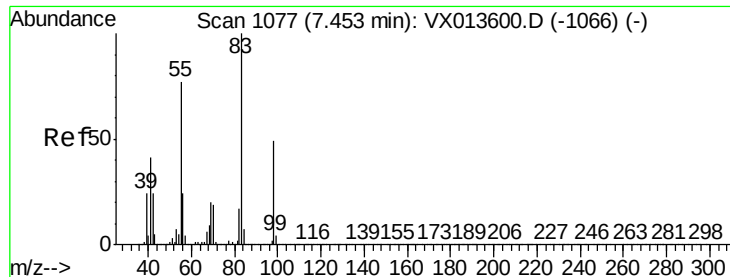
apatel
12/2/2019 12:47:56 PM



#38
Carbon Tetrachloride
Concen: 19.367 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	117	Resp	157108
Ion Ratio	Lower	Upper	
117	100		
119	97.7	77.5	116.3
121	30.2	25.0	37.6





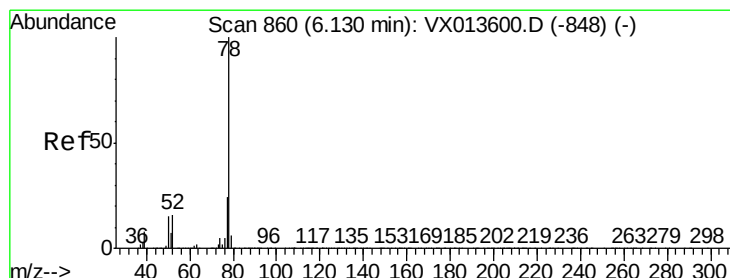
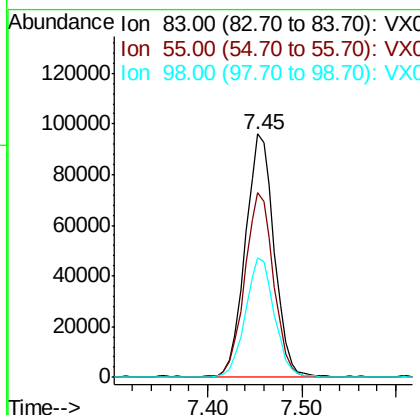
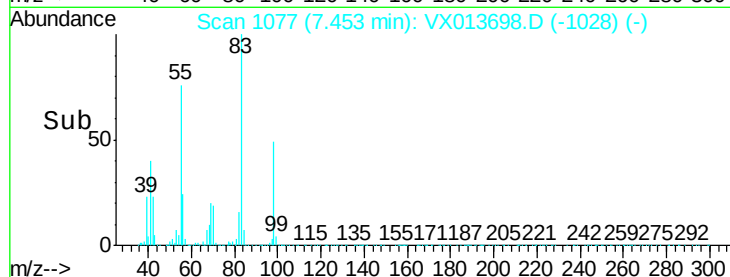
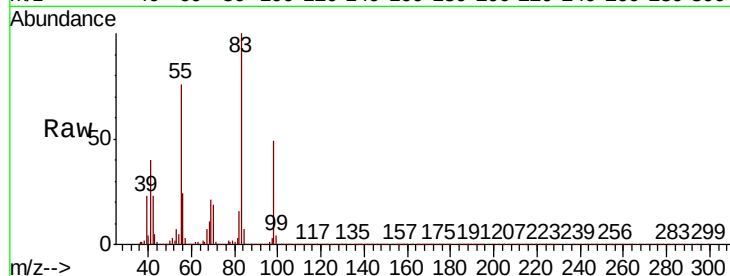
#39
Methylvlcyclohexane
Concen: 18.994 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.9	92.9
98	48.9	39.4	59.0

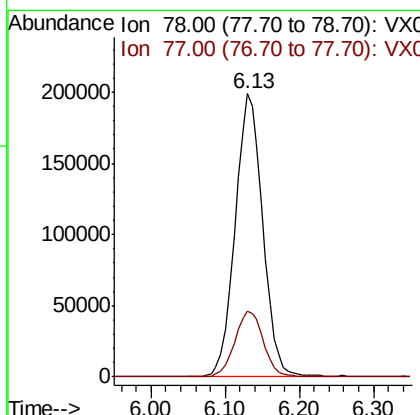
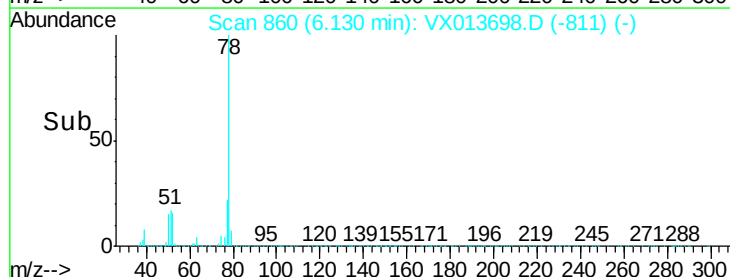
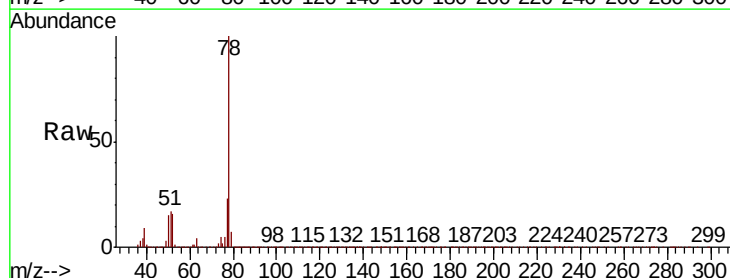
Manual Integrations
APPROVED

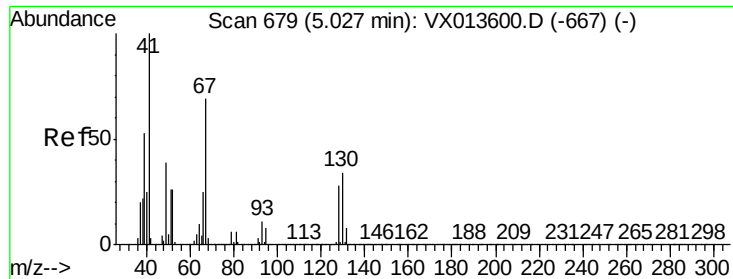
apatel
12/2/2019 12:47:56 PM



#40
Benzene
Concen: 19.195 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





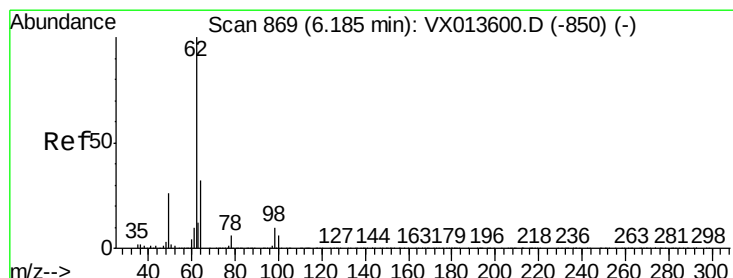
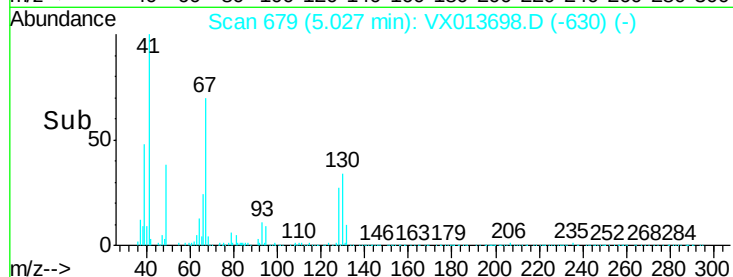
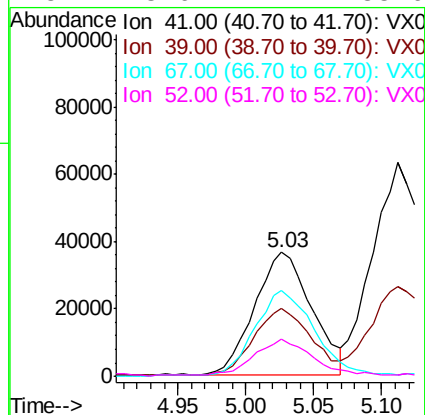
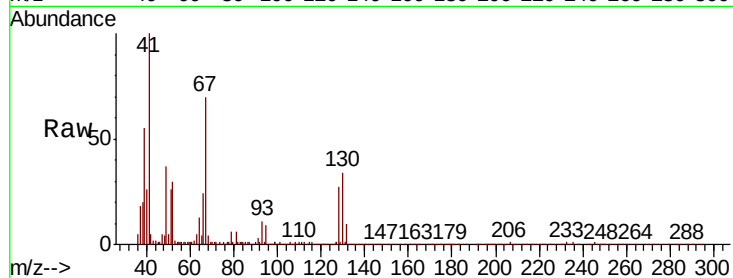
#41
Methacrylonitrile
Concen: 19.745 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.9	64.3
67	71.8	57.4	86.0
52	28.6	22.4	33.6

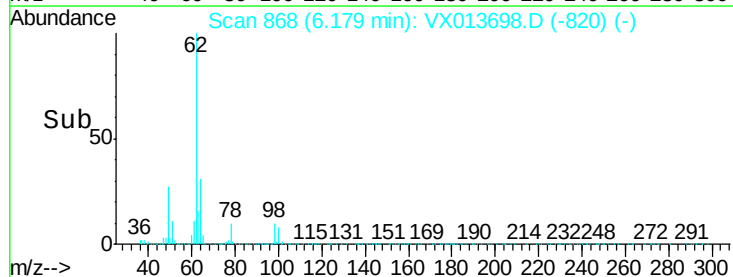
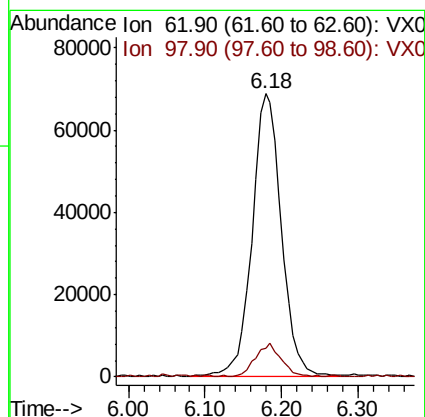
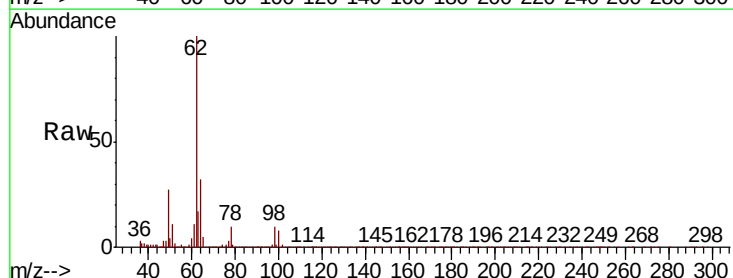
Manual Integrations
APPROVED

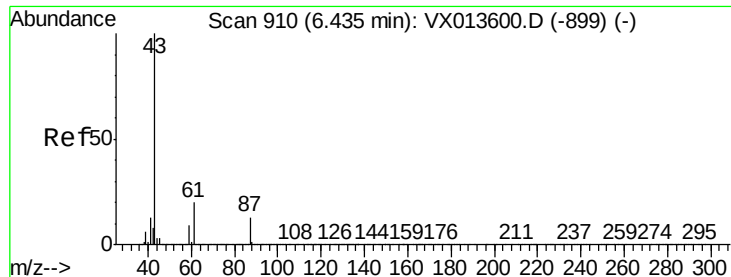
apatel
12/2/2019 12:47:56 PM



#42
1,2-Dichloroethane
Concen: 19.857 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.529 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

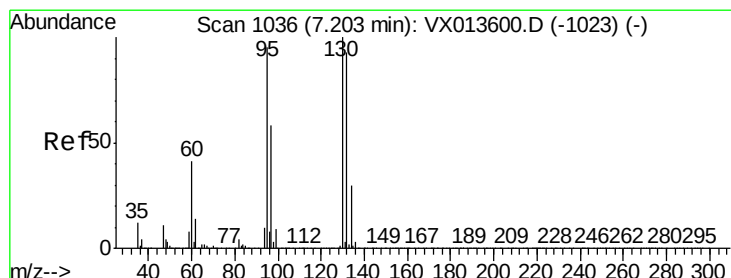
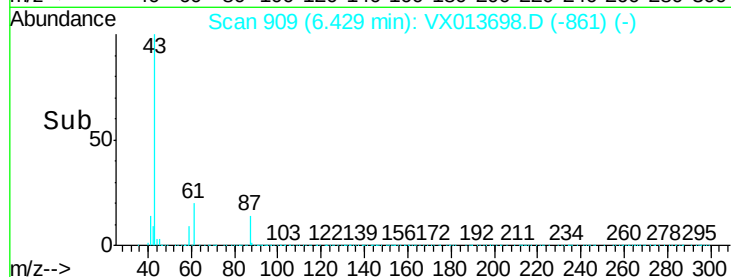
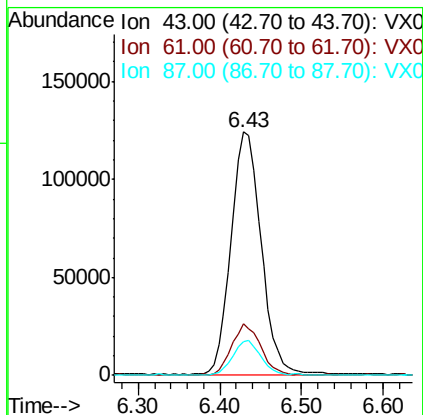
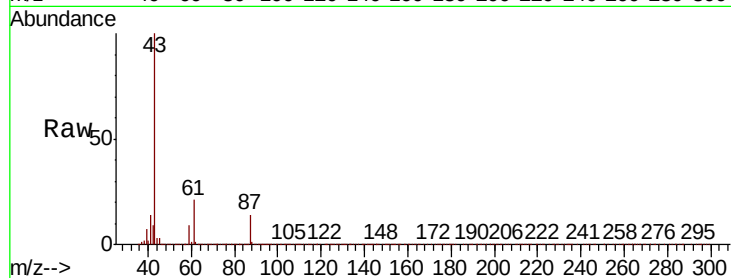
ClientSampleId :

VX1129WBSD01

Tot Ion:	43	Resp:	317311
Ion Ratio		Lower	Upper
43	100		
61	20.0	16.3	24.5
87	13.7	10.8	16.2

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#44

Trichloroethene

Concen: 18.832 ug/l

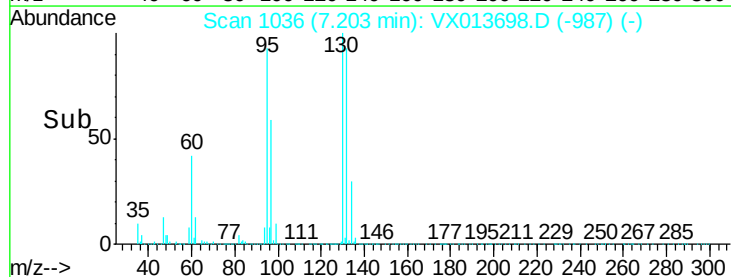
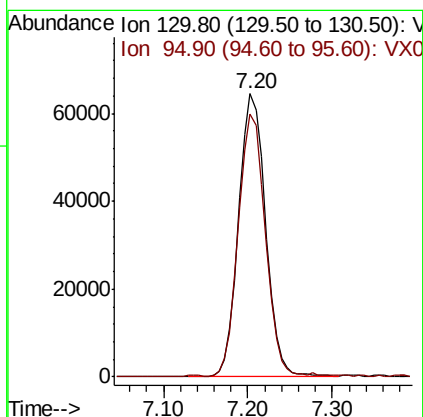
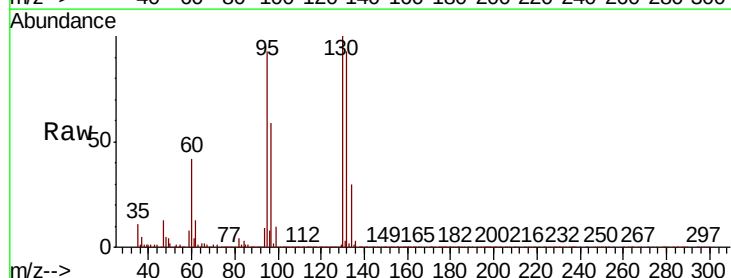
RT: 7.20 min Scan# 1036

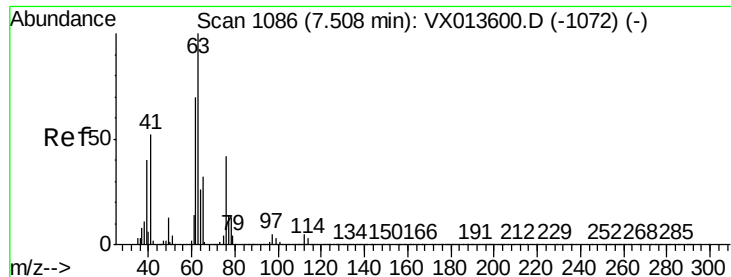
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	130	Resp:	138482
Ion Ratio		Lower	Upper
130	100		
95	92.5	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.176 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 63 Resp: 135258

Ion Ratio Lower Upper

63 100

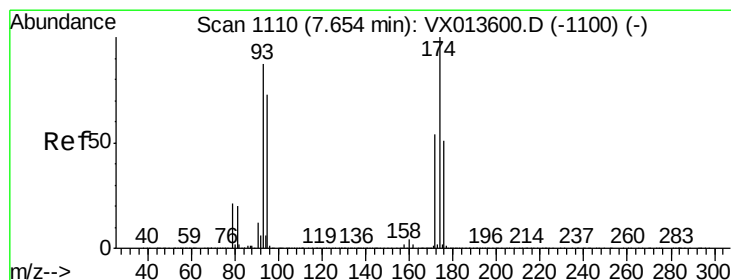
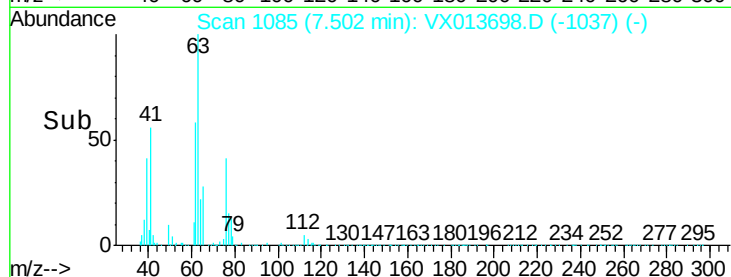
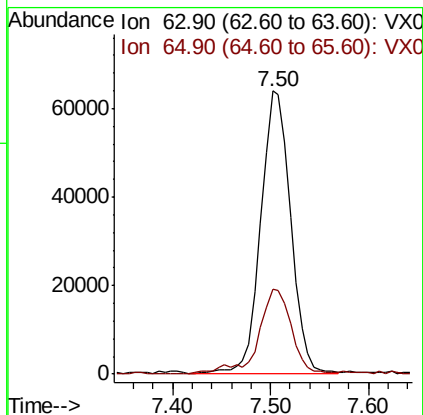
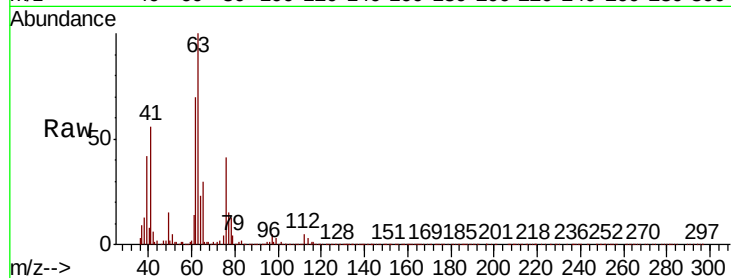
65 29.5 25.5 38.3

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#46

Dibromomethane

Concen: 19.467 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

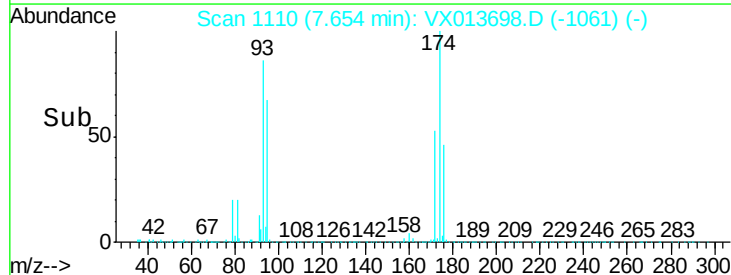
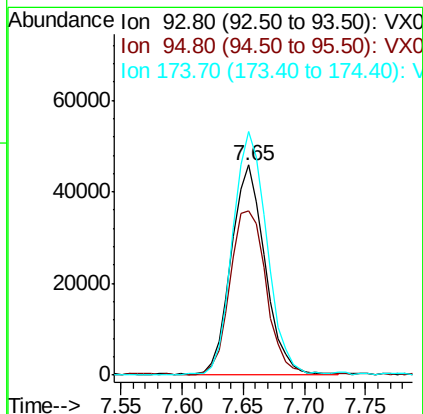
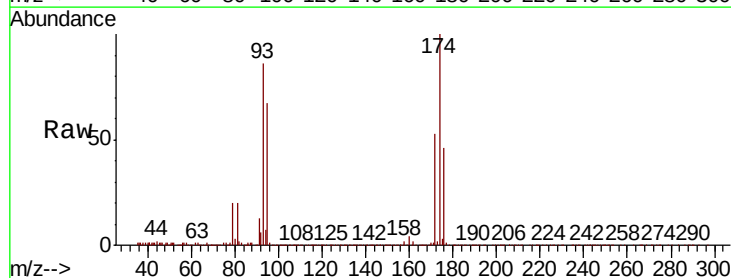
Tgt Ion: 93 Resp: 88638

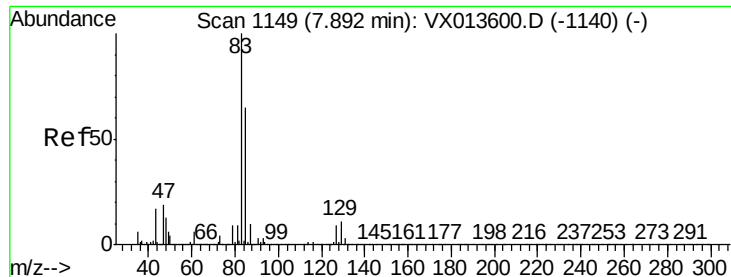
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 116.9 93.4 140.0





#47

Bromodichloromethane

Concen: 20.347 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

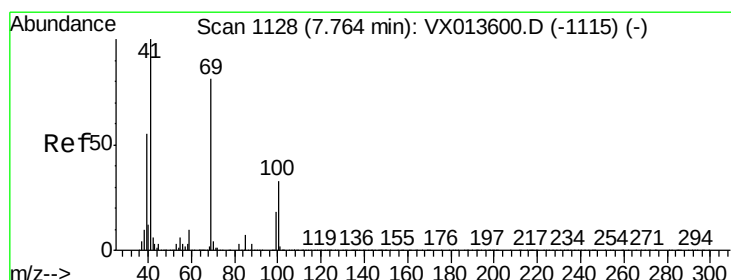
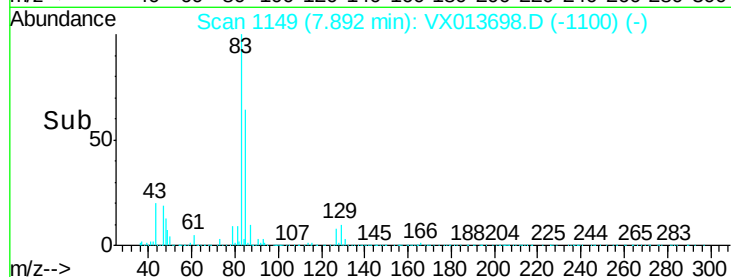
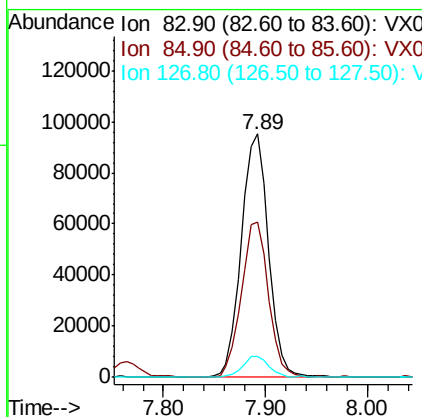
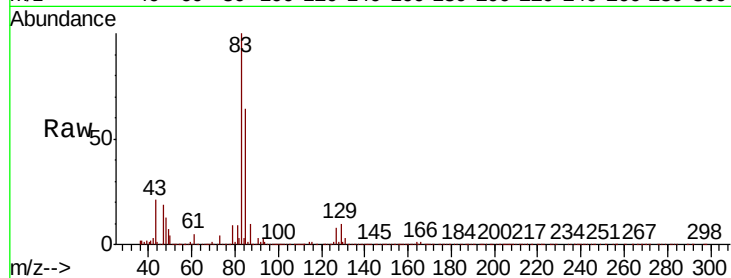
ClientSampleId :

VX1129WBSD01

Tot Ion:	83	Resp:	175140
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.1	78.1
127	8.3	7.0	10.4

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#48

Methyl methacrylate

Concen: 20.326 ug/l

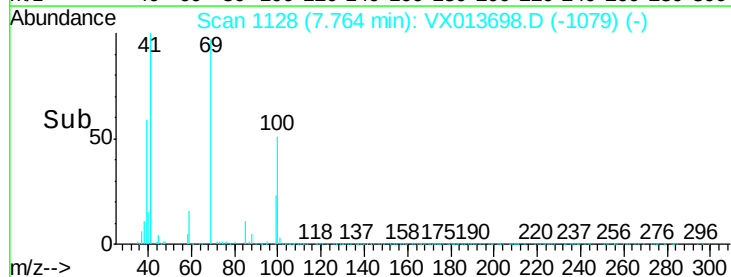
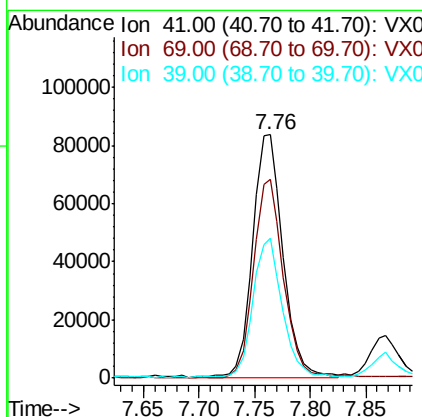
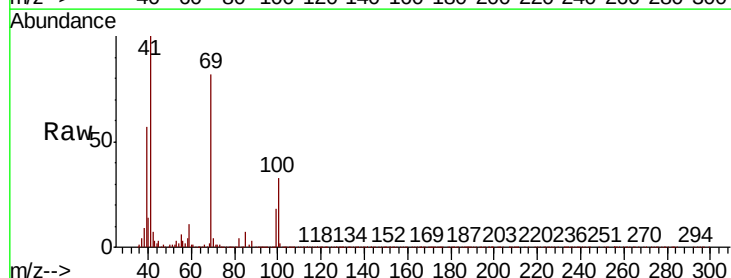
RT: 7.76 min Scan# 1128

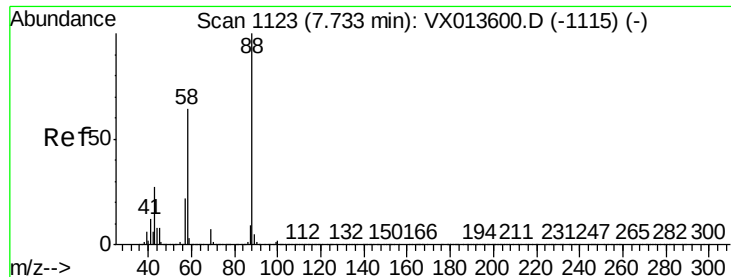
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	41	Resp:	160465
Ion Ratio	Lower	Upper	
41	100		
69	80.6	64.7	97.1
39	54.3	43.8	65.6





#49

1,4-Dioxane

Concen: 382.861 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

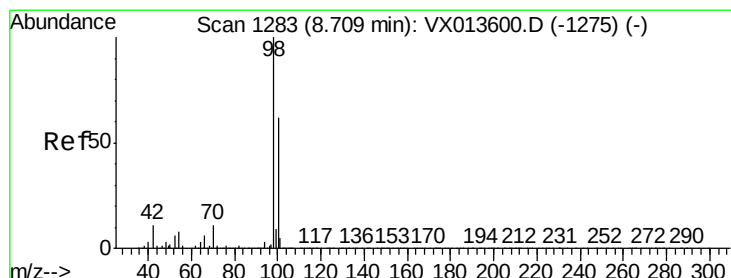
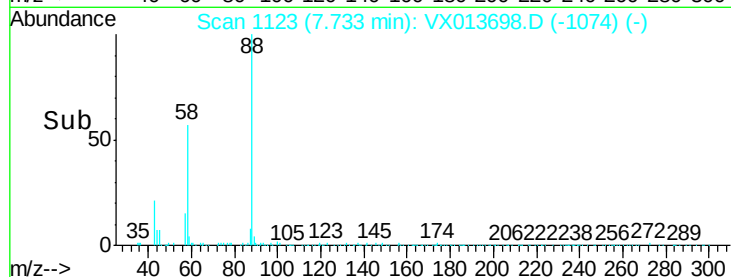
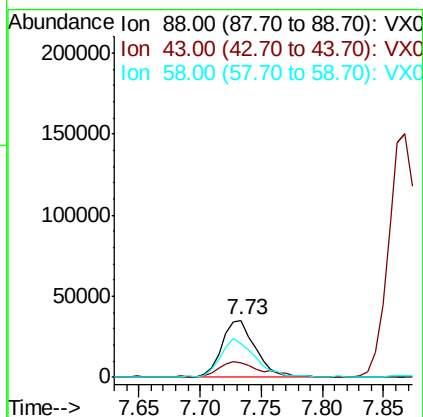
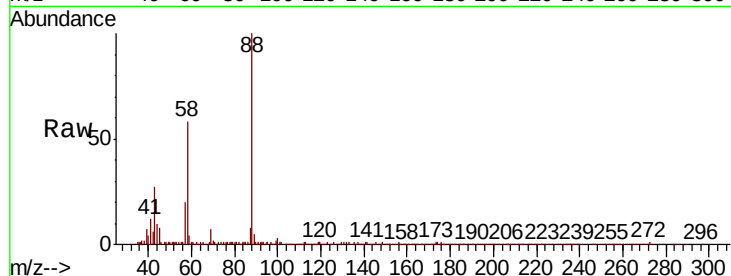
ClientSampleId :

VX1129WBSD01

Tot Ion:	88	Resp:	67657
Ion Ratio	Lower	Upper	
88	100		
43	32.0	25.8	38.6
58	70.4	54.6	82.0

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#50

Toluene-d8

Concen: 48.053 ug/l

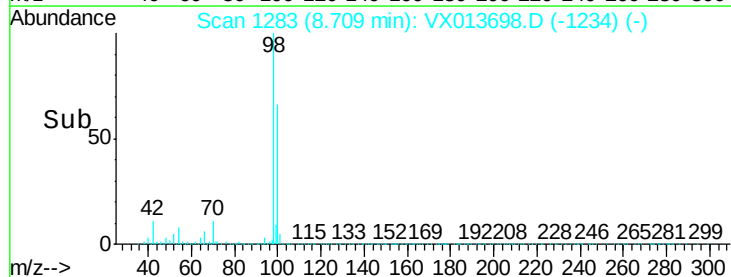
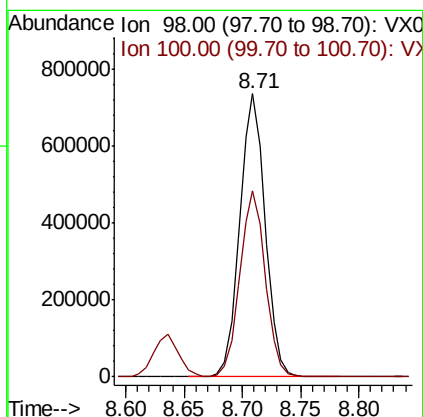
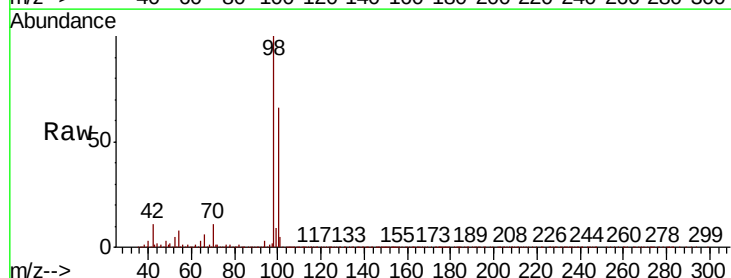
RT: 8.71 min Scan# 1283

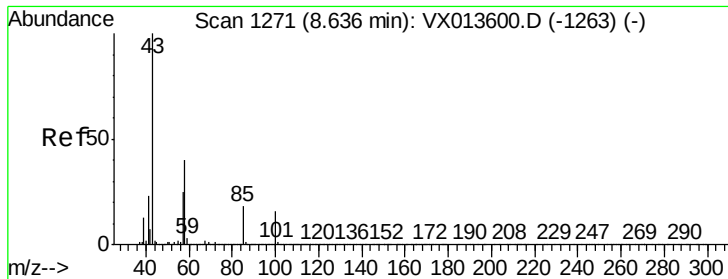
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	98	Resp:	1121739
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 98.887 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tot Ion: 43 Resp: 1010687

Ion Ratio Lower Upper

43 100

58 39.6 32.1 48.1

Instrument :

MSVOA_X

ClientSampled :

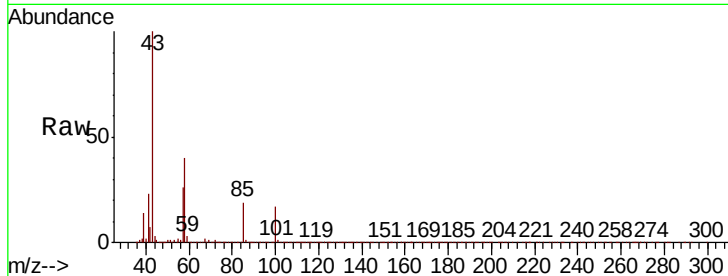
VX1129WBSD01

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

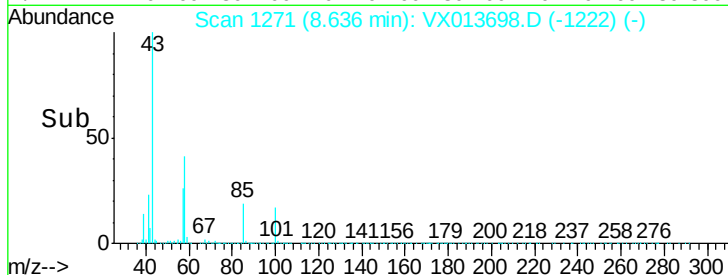
600000

400000

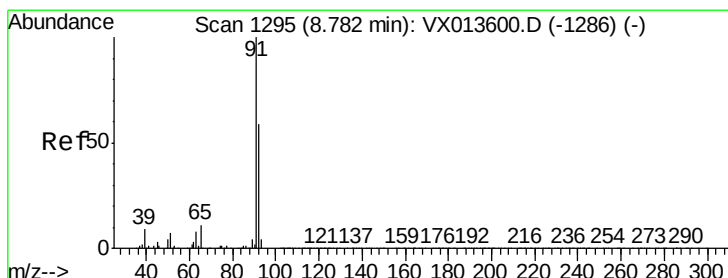
200000

0

8.50 8.55 8.60 8.65 8.70



Time-->



#52

Toluene

Concen: 19.448 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013698.D

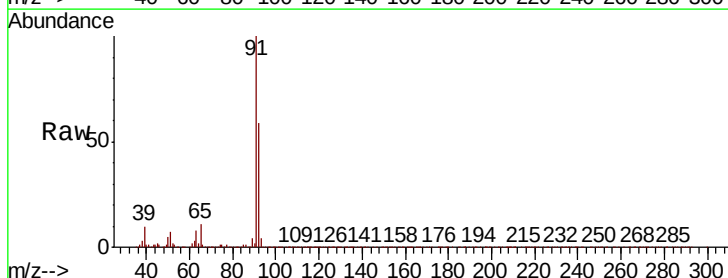
Acq: 29 Nov 2019 14:03

Tgt Ion: 92 Resp: 323728

Ion Ratio Lower Upper

92 100

91 170.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

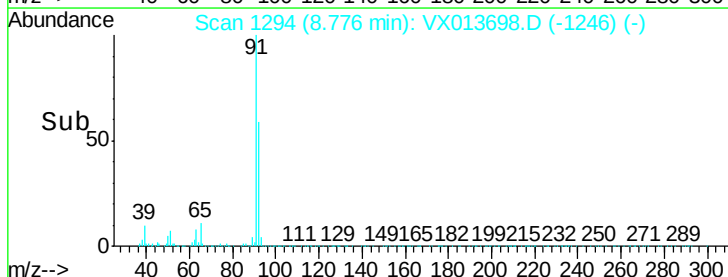
300000

200000

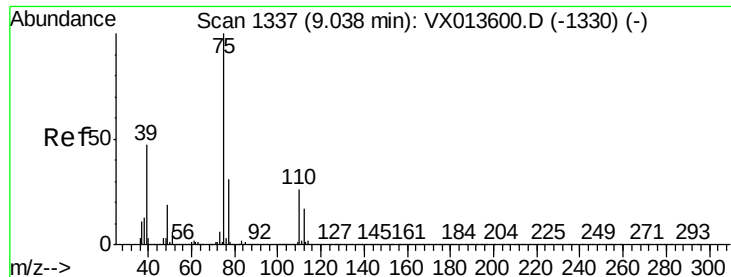
100000

0

8.70 8.75 8.80 8.85



Time-->



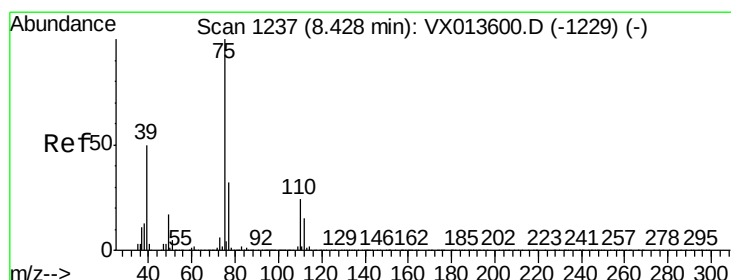
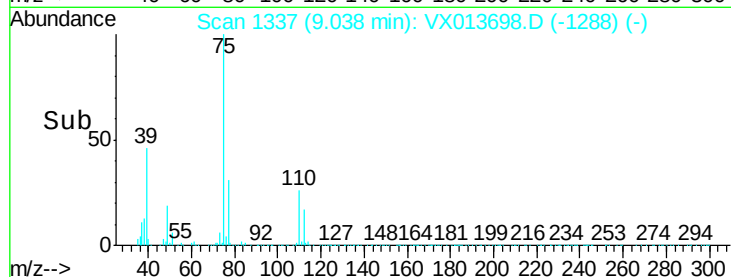
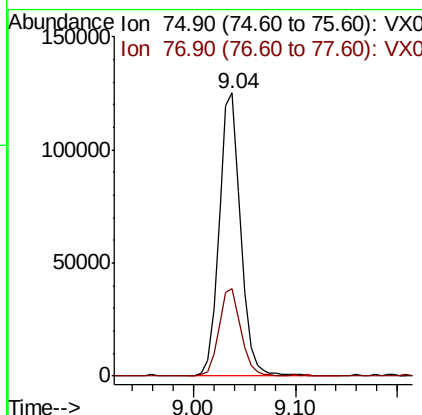
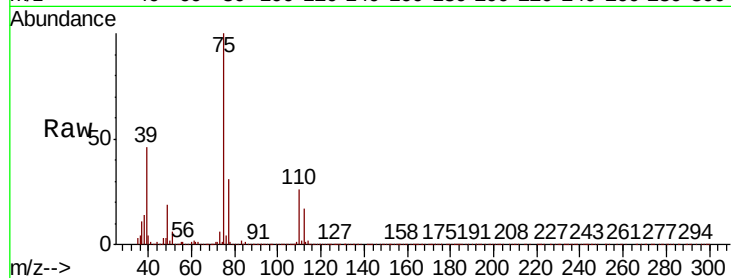
#53
t-1,3-Dichloropropene
Concen: 18.672 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.4	36.6

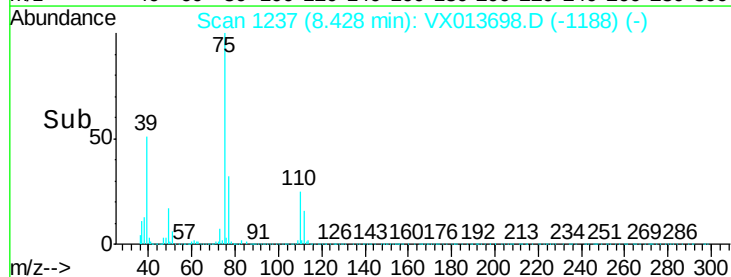
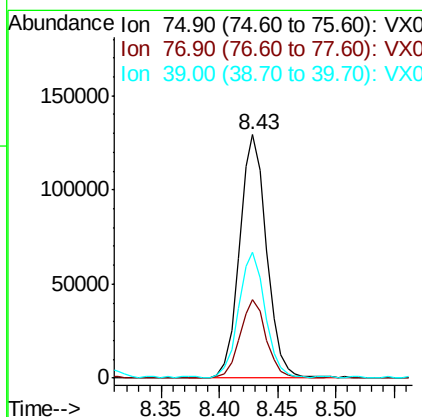
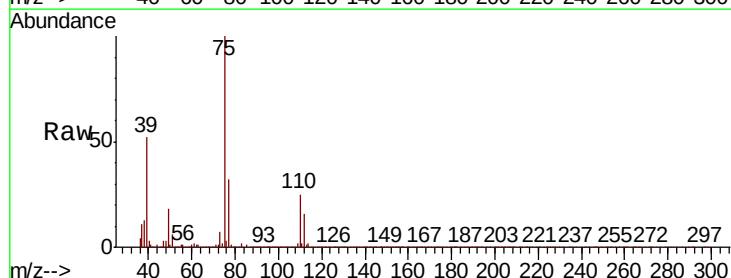
Manual Integrations
APPROVED

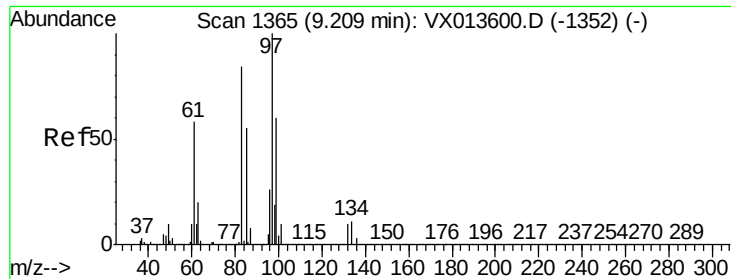
apatel
12/2/2019 12:47:56 PM



#54
cis-1,3-Dichloropropene
Concen: 19.596 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	51.5	39.9	59.9





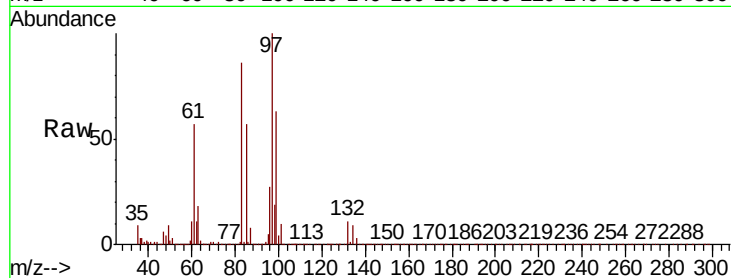
#55
 1,1,2-Trichloroethane
 Concen: 20.286 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

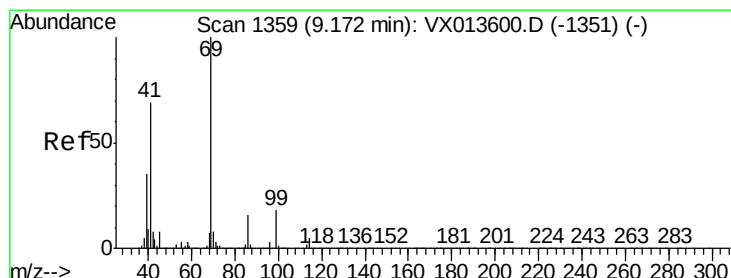
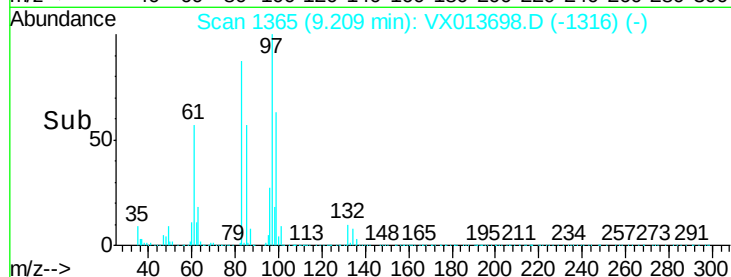
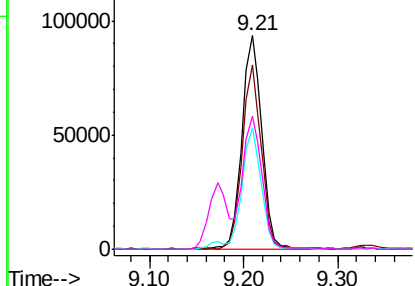
Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.3	100.9
85	57.1	43.6	65.4
99	62.4	48.2	72.4

Manual Integrations
 APPROVED

apatel
 12/2/2019 12:47:56 PM

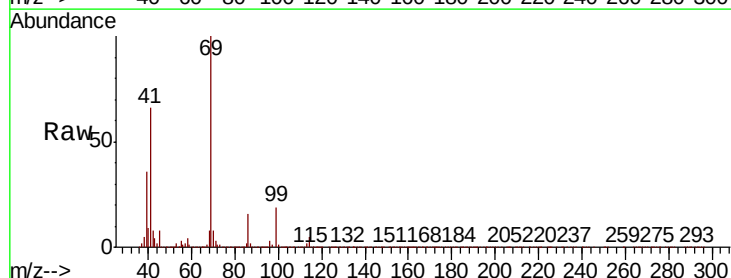


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

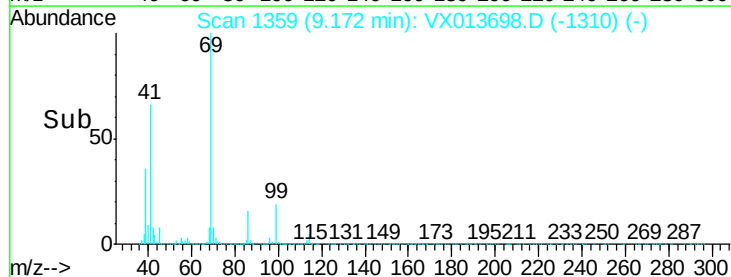
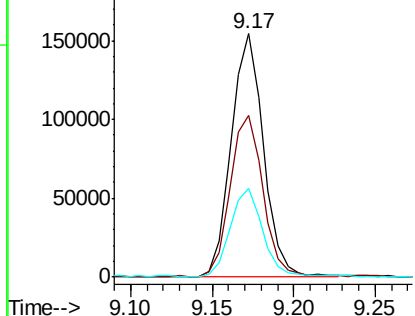


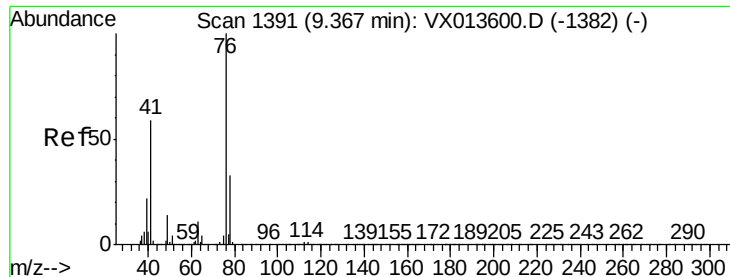
#56
 Ethyl methacrylate
 Concen: 19.621 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.0	82.4
39	36.7	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





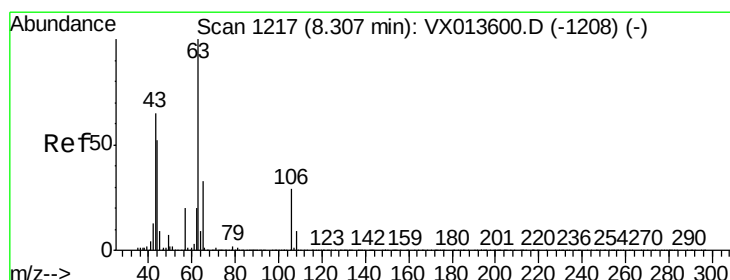
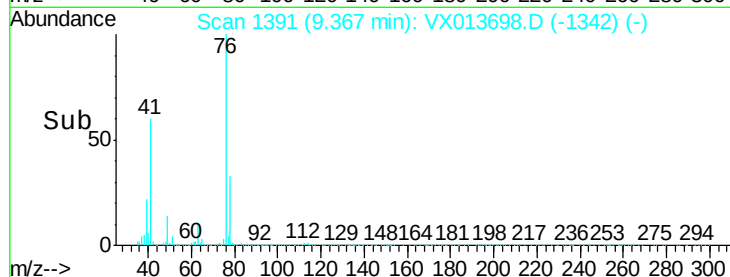
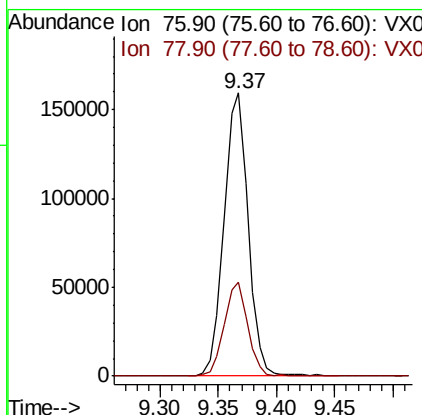
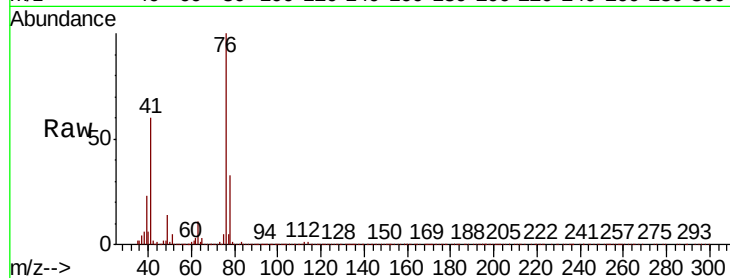
#57
 1,3-Dichloropropane
 Concen: 19.705 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

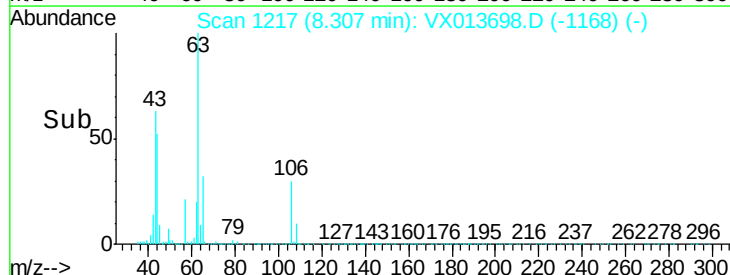
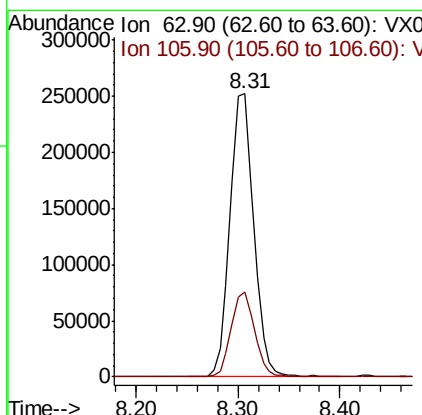
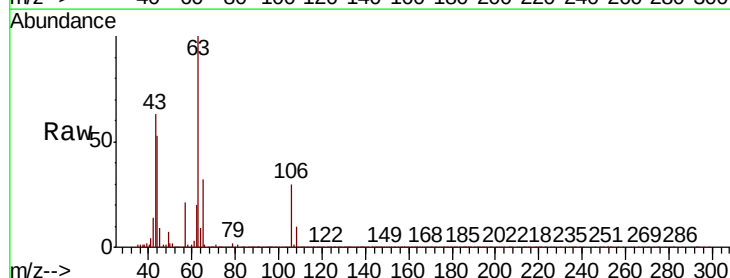
Manual Integrations
 APPROVED

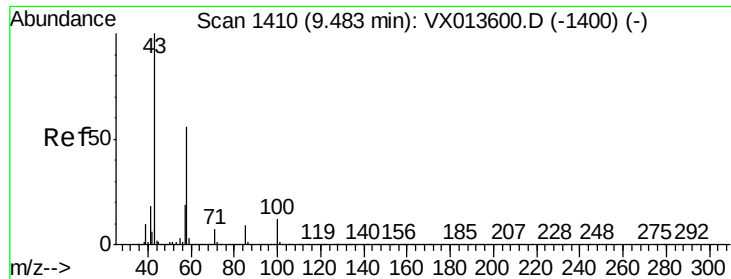
apatel
 12/2/2019 12:47:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.592 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.4	35.0





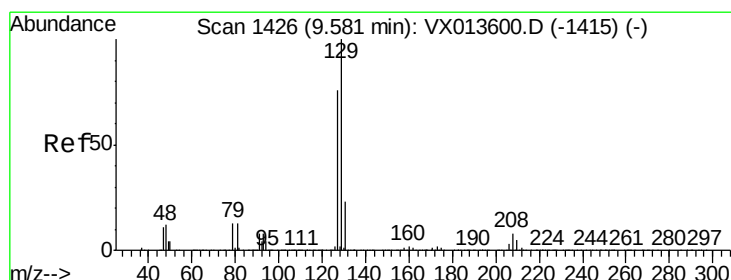
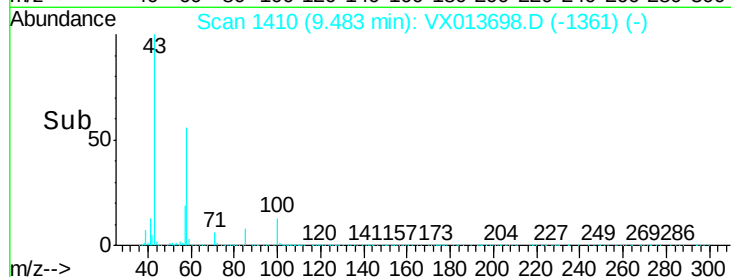
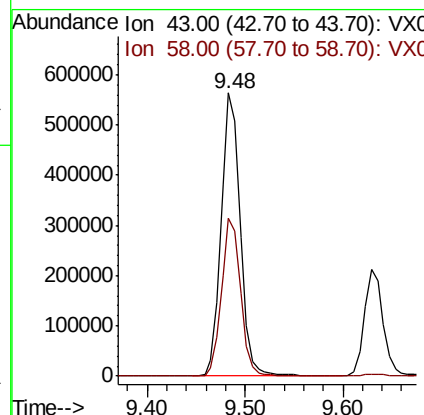
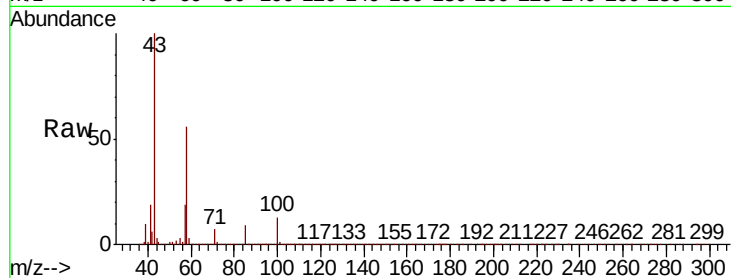
#59
2-Hexanone
Concen: 95.664 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion: 43 Resp: 762571
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4

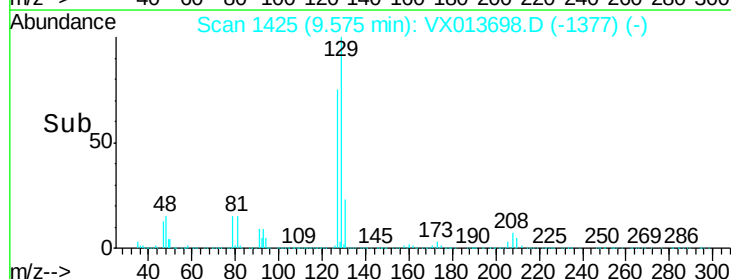
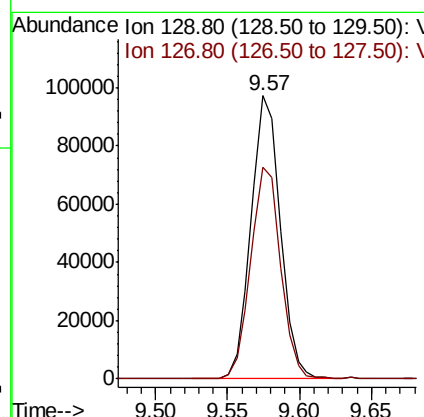
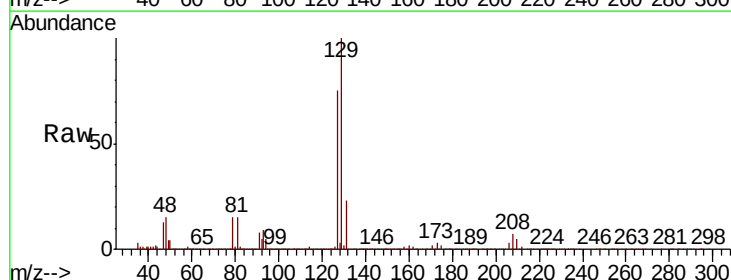
Manual Integrations
APPROVED

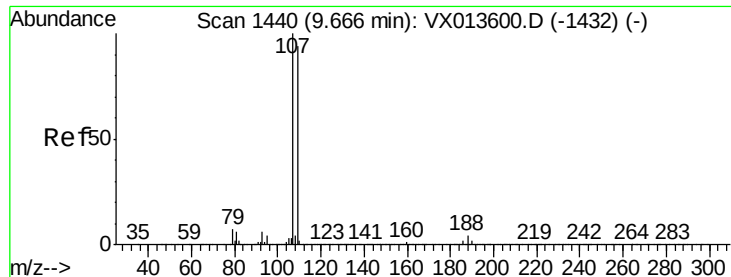
apatel
12/2/2019 12:47:56 PM



#60
Dibromochloromethane
Concen: 19.595 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion: 129 Resp: 136412
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





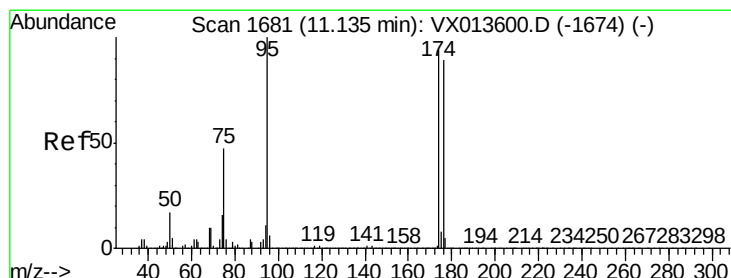
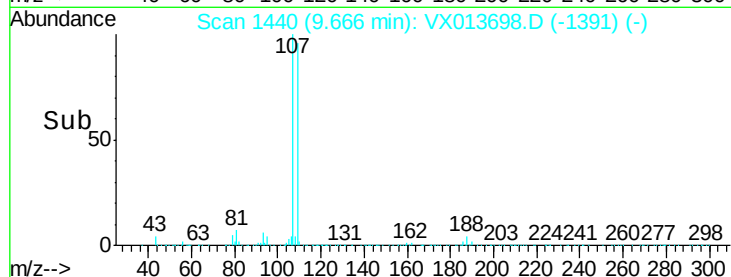
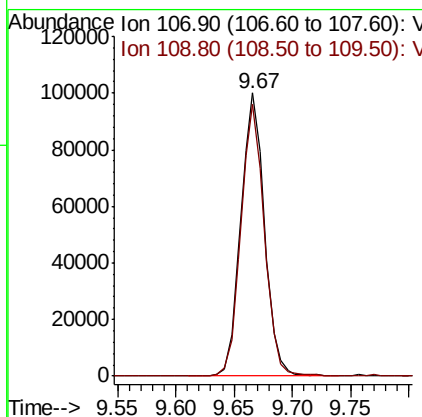
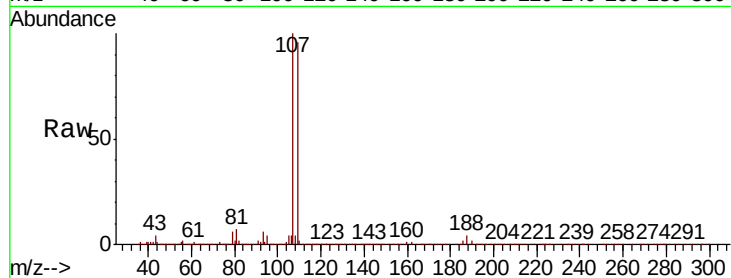
#61
 1,2-Dibromoethane
 Concen: 19.672 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.1	114.1

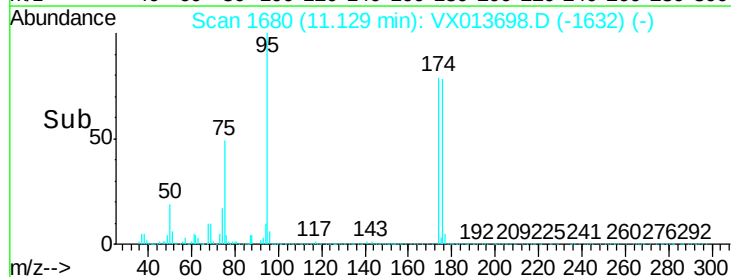
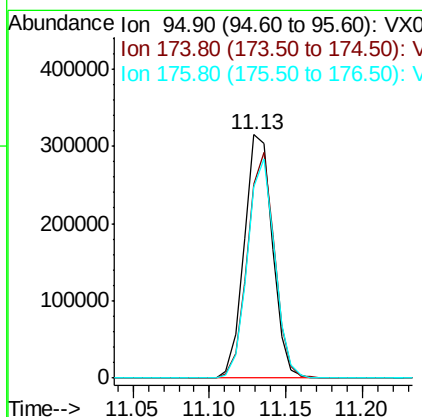
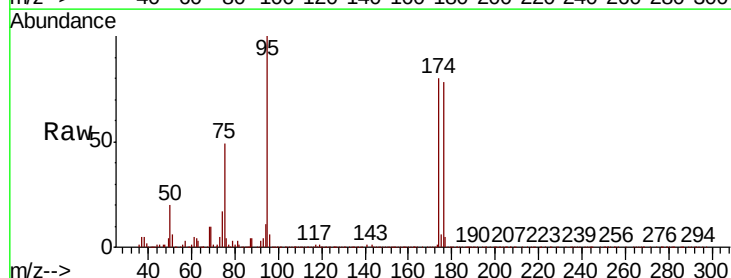
Manual Integrations
 APPROVED

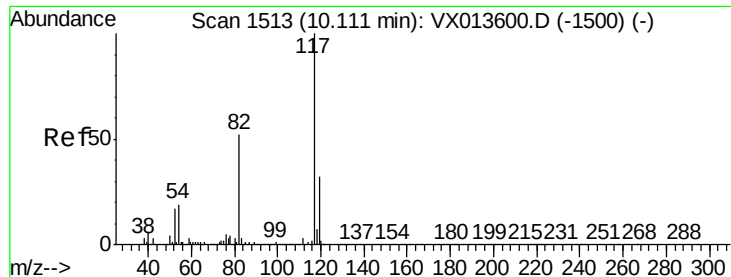
apatel
 12/2/2019 12:47:56 PM



#62
 4-Bromofluorobenzene
 Concen: 47.844 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	180.0
176	87.2	0.0	173.6





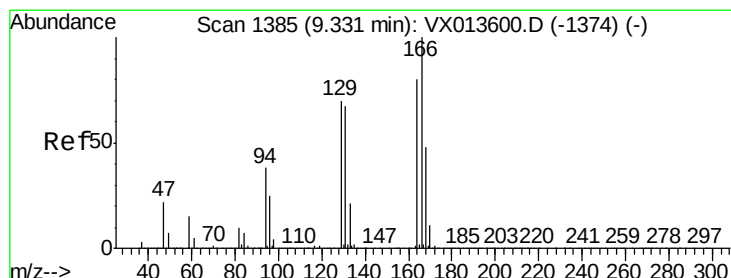
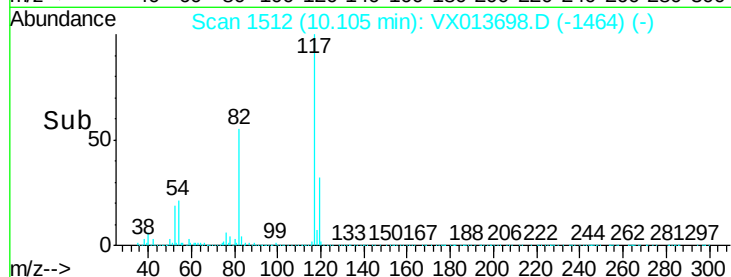
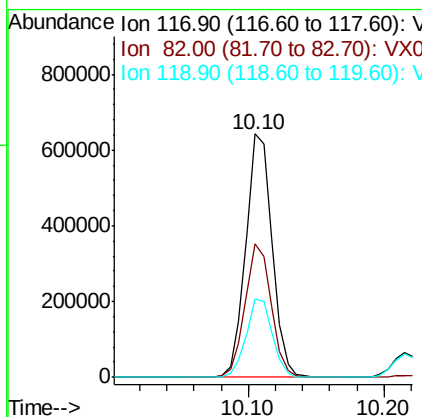
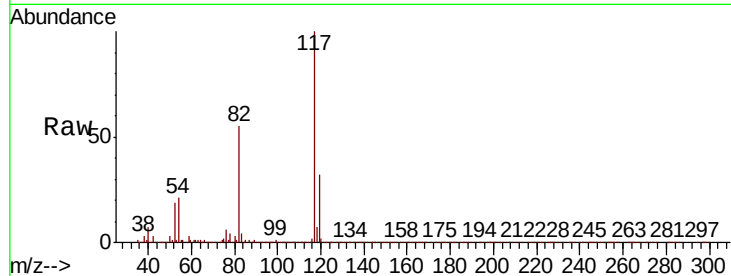
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.8
119	32.1	25.8	38.8

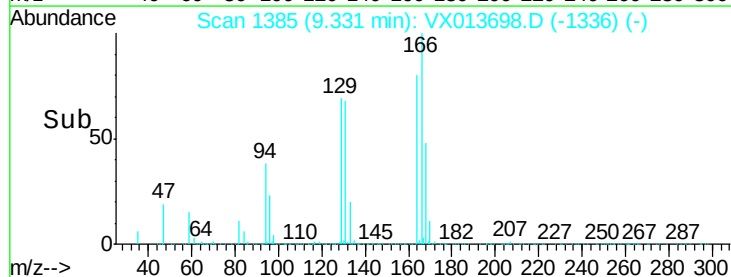
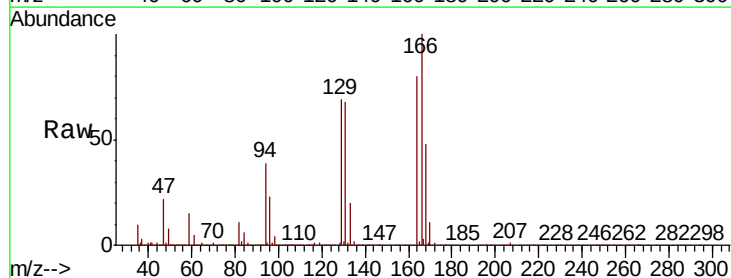
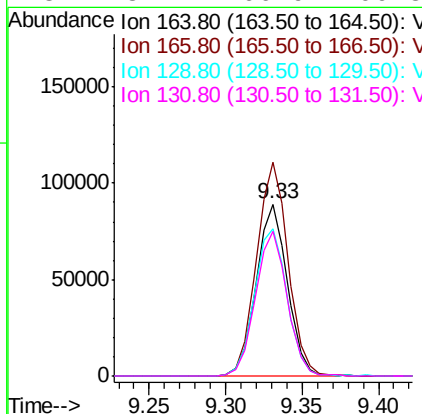
Manual Integrations
APPROVED

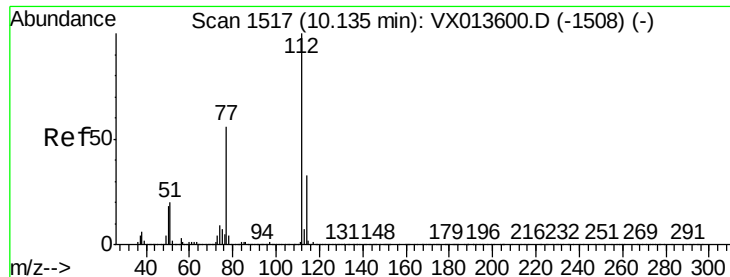
apatel
12/2/2019 12:47:56 PM



#64
Tetrachloroethene
Concen: 19.324 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	99.7	149.5
129	85.7	70.1	105.1
131	84.1	66.9	100.3





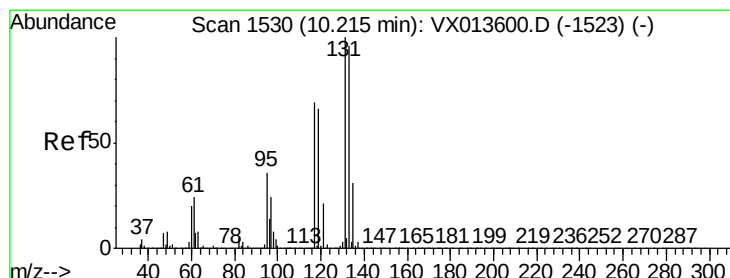
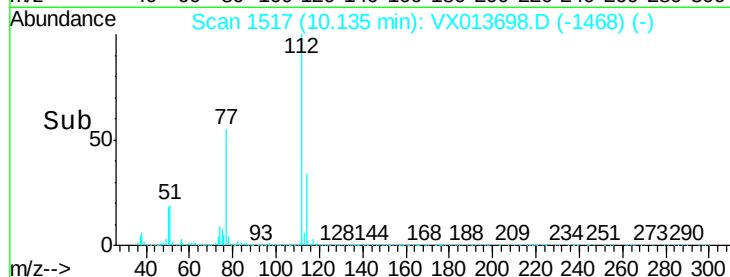
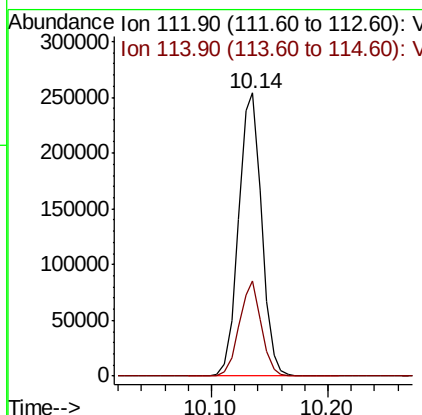
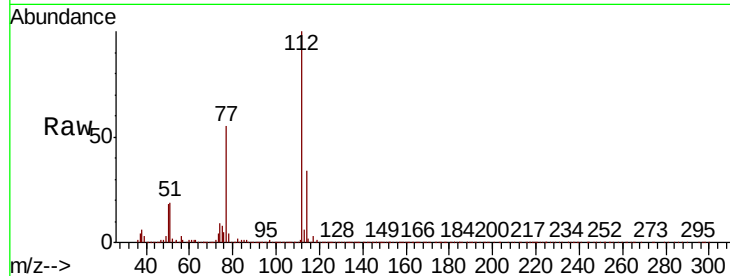
#65
Chlorobenzene
Concen: 19.397 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	26.1	39.1

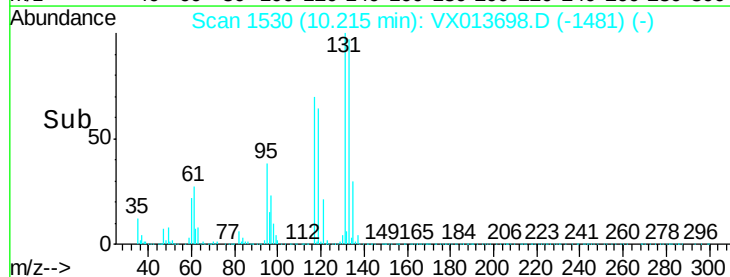
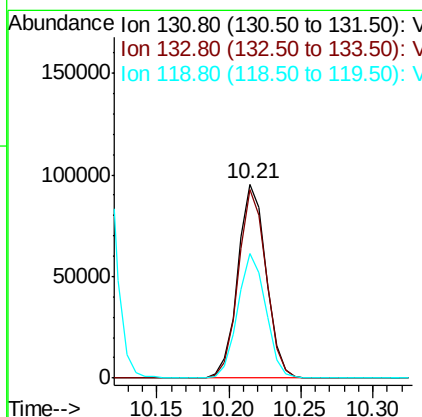
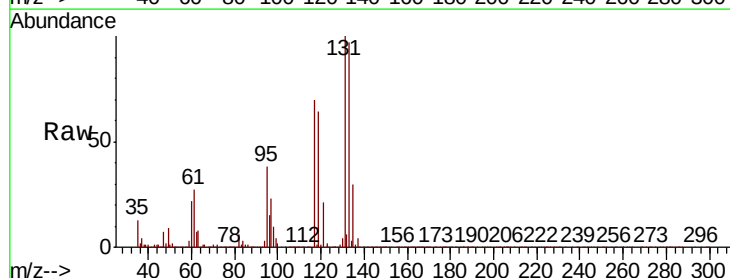
Manual Integrations
APPROVED

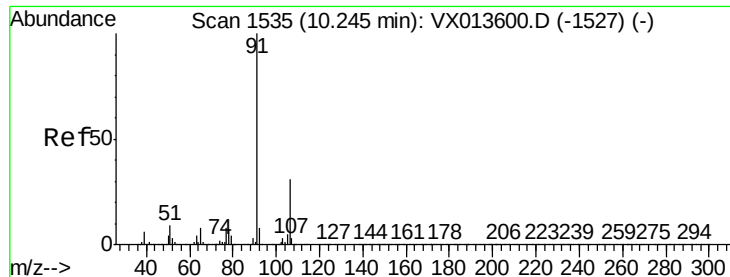
apatel
12/2/2019 12:47:56 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.903 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.7	143.1
119	64.2	32.9	98.6





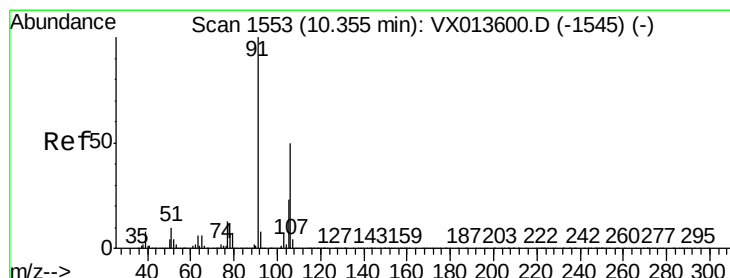
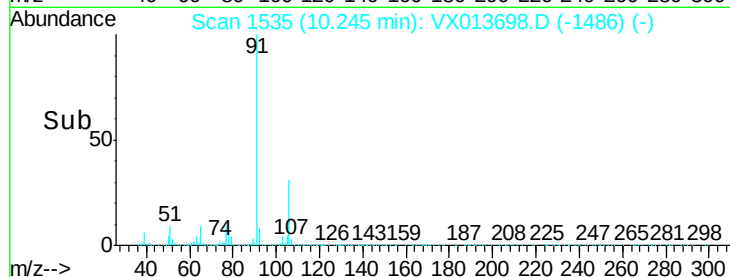
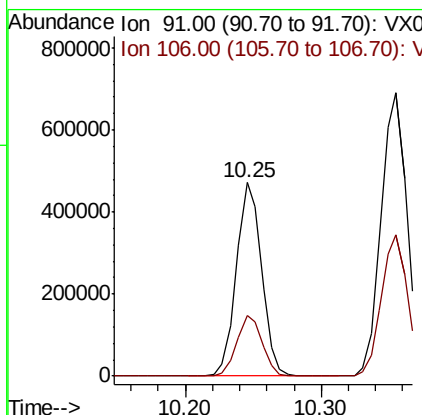
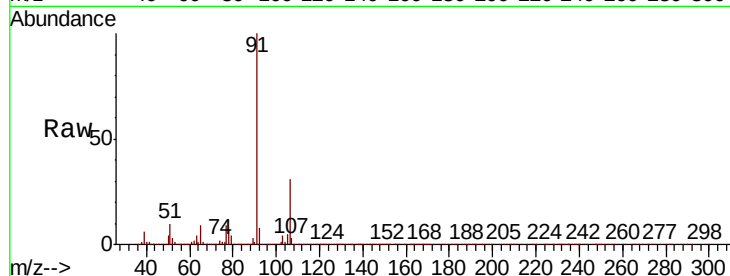
#67
Ethyl Benzene
Concen: 19.605 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7

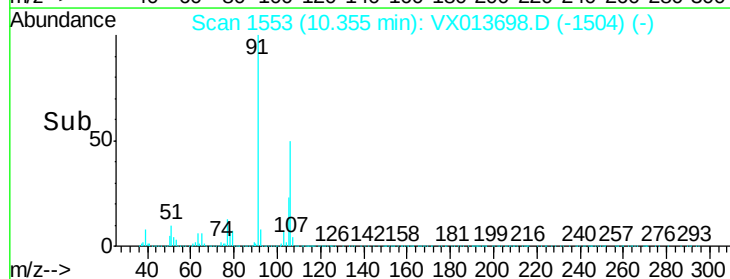
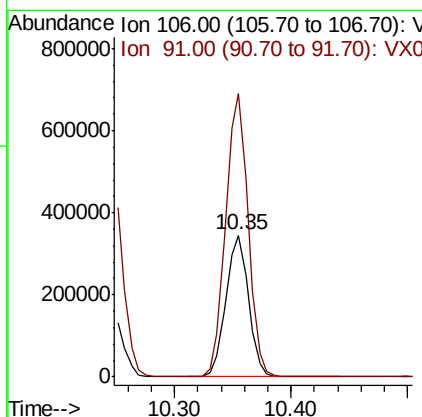
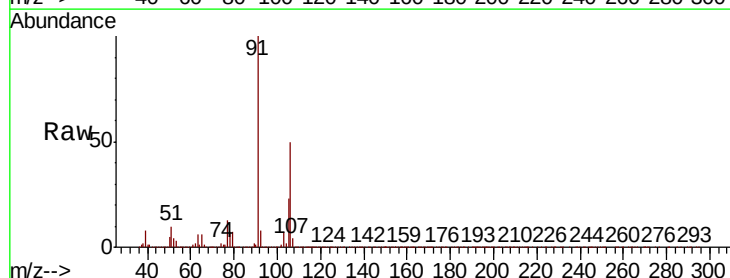
Manual Integrations
APPROVED

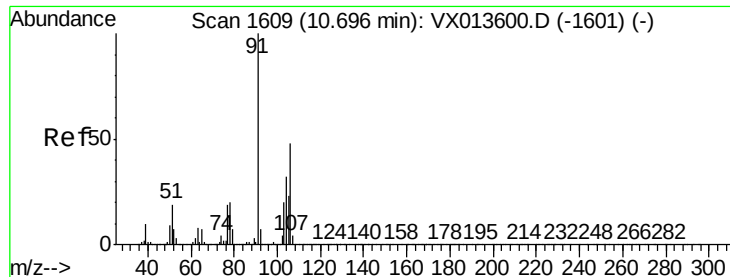
apatel
12/2/2019 12:47:56 PM



#68
m/p-Xylenes
Concen: 38.888 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.8	159.0	238.4





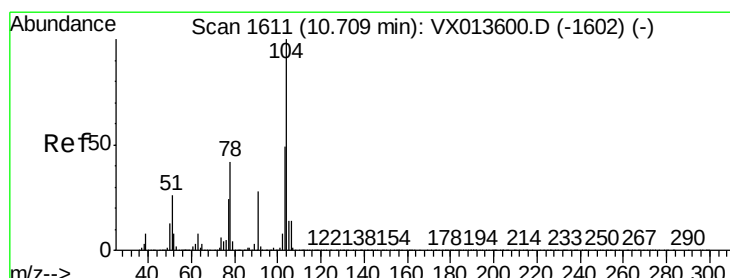
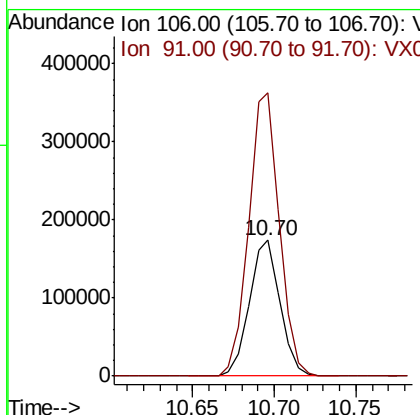
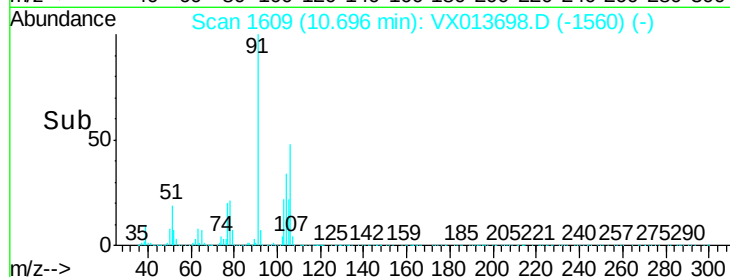
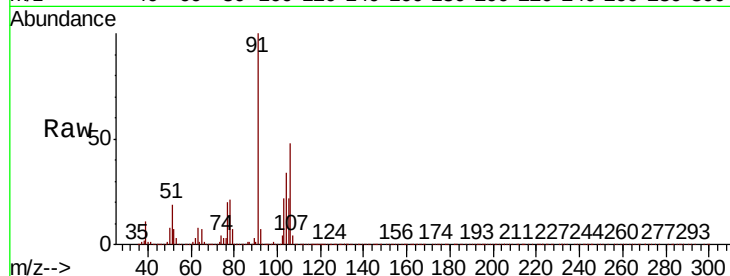
#69
o-Xylene
Concen: 19.510 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	104.1	312.2

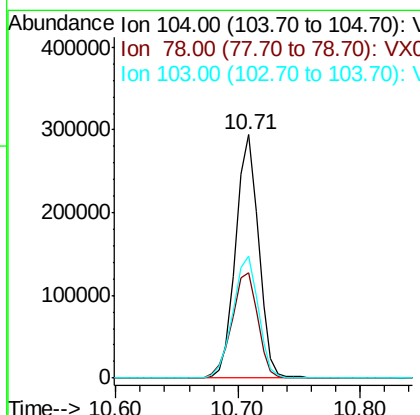
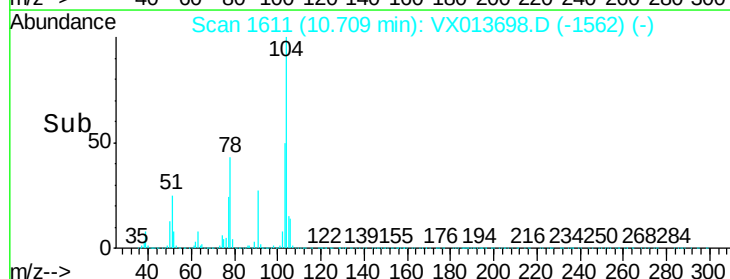
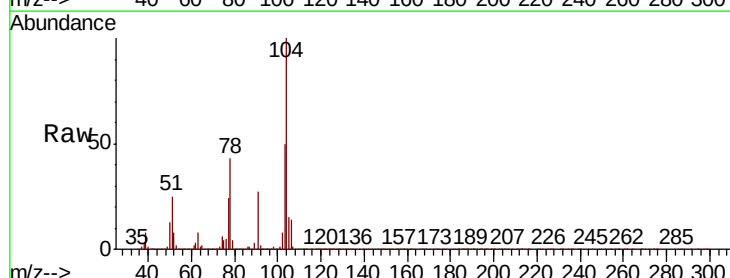
Manual Integrations
APPROVED

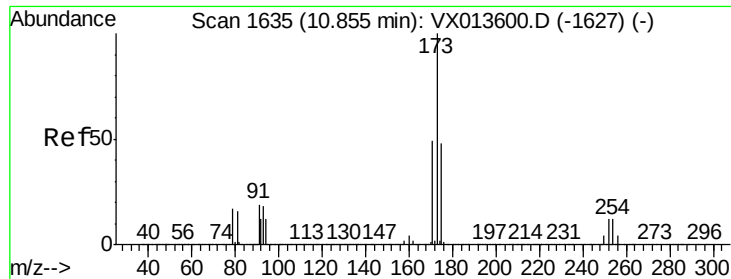
apatel
12/2/2019 12:47:56 PM



#70
Styrene
Concen: 19.470 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.5	57.7
103	55.9	43.7	65.5





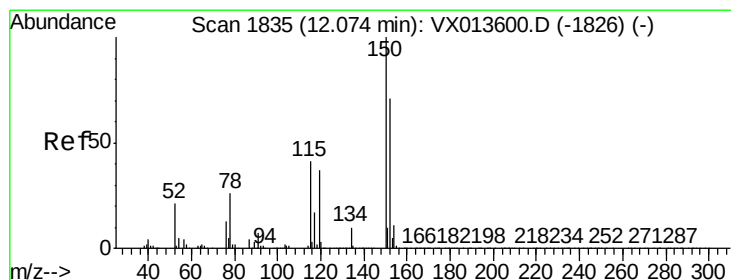
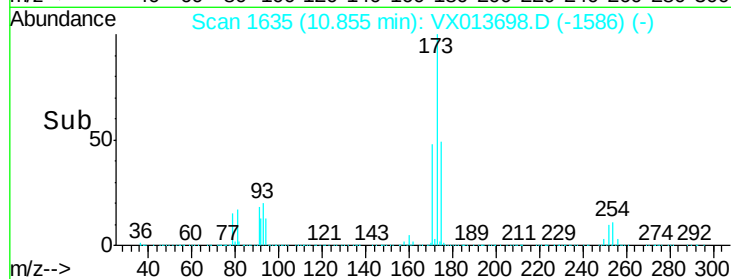
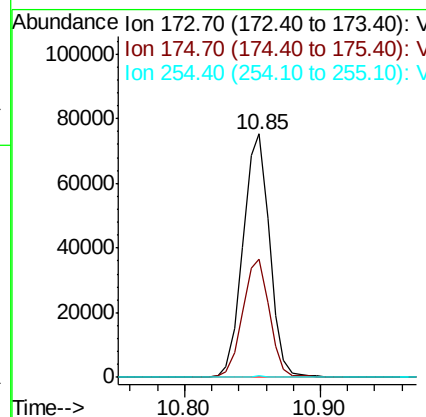
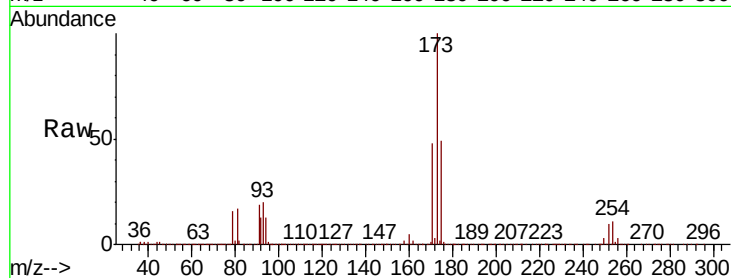
#71
Bromoform
Concen: 19.051 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.8
254	0.1	0.2	0.4

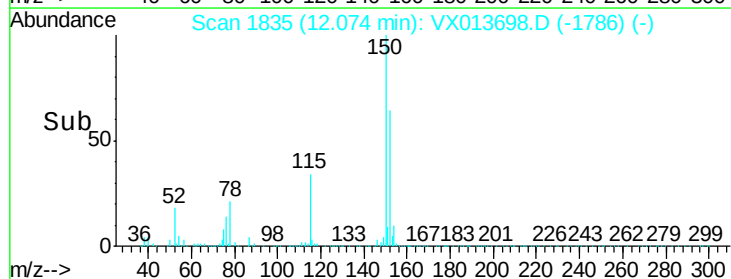
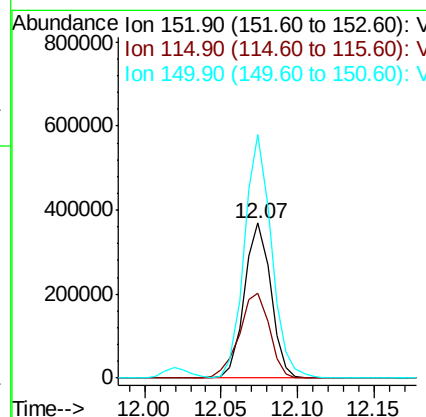
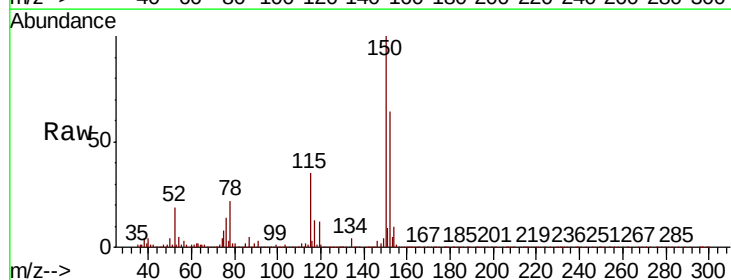
Manual Integrations
APPROVED

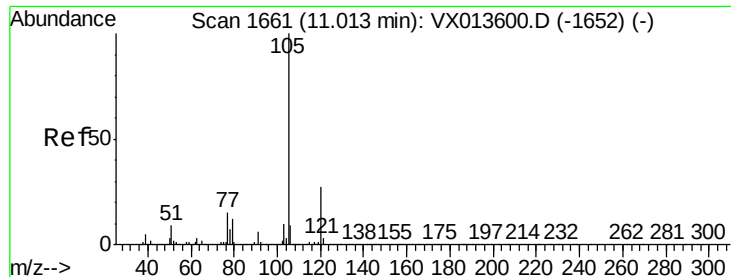
apatel
12/2/2019 12:47:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	38.4	115.1
150	160.6	0.0	346.8





#73

Isopropylbenzene

Concen: 19.284 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 105 Resp: 598391

Ion Ratio Lower Upper

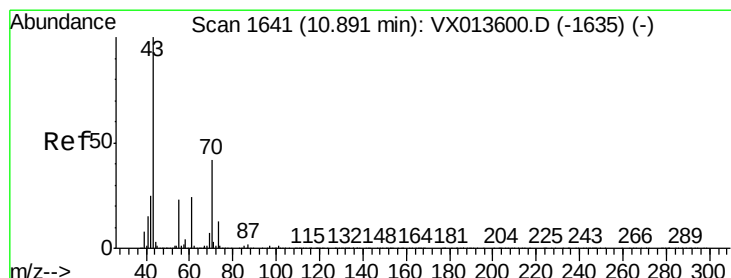
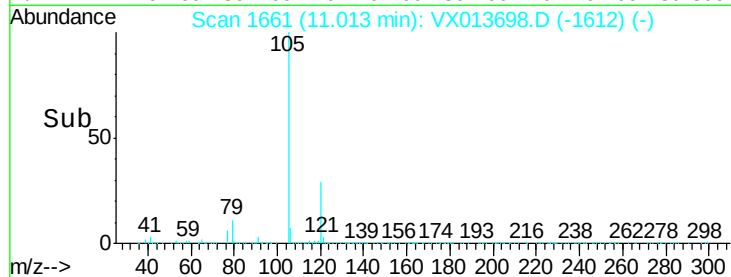
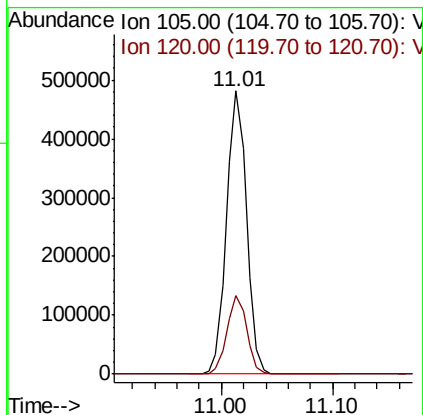
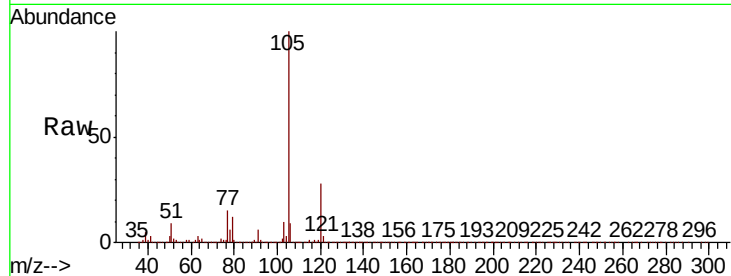
105 100

120 27.5 13.5 40.5

Manual Integrations
APPROVED

apatel

12/2/2019 12:47:56 PM



#74

N-ethyl acetate

Concen: 19.120 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion: 43 Resp: 271789

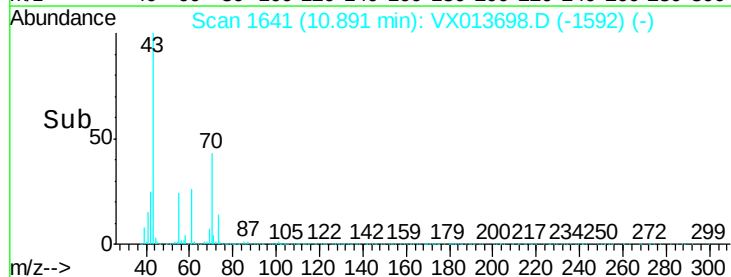
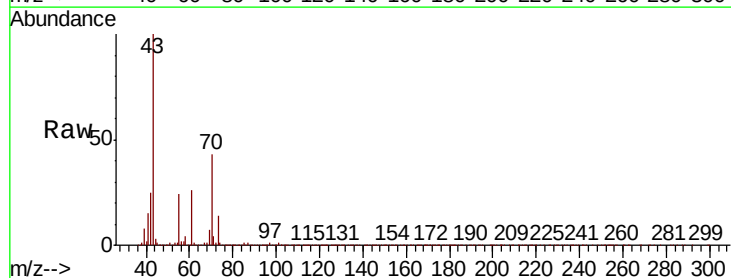
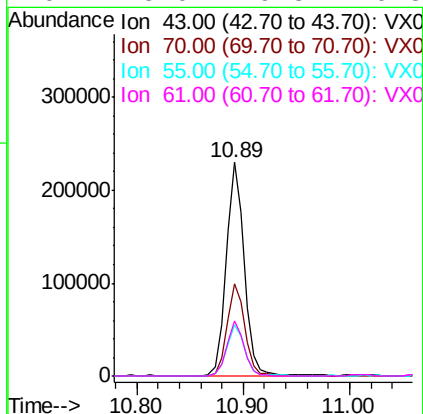
Ion Ratio Lower Upper

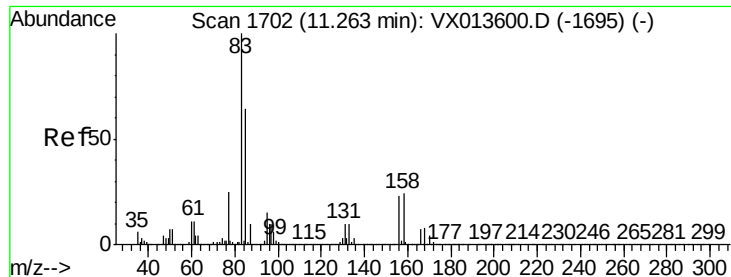
43 100

70 43.3 34.3 51.5

55 23.7 18.5 27.7

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.846 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

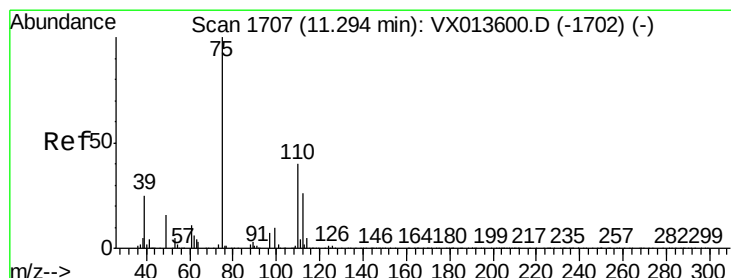
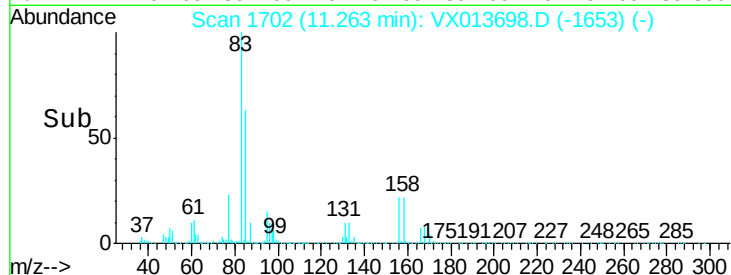
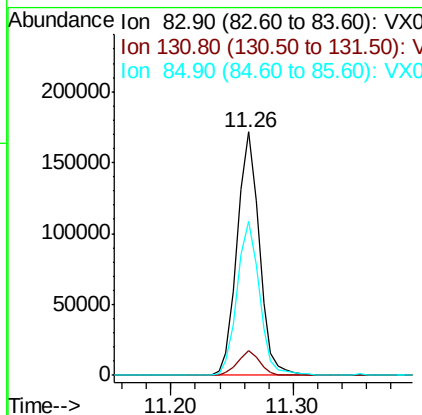
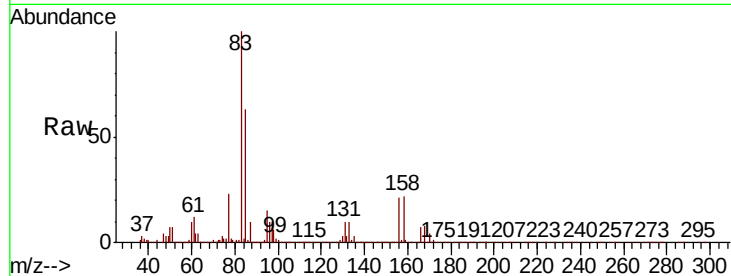
ClientSampled :

VX1129WBSD01

Tot Ion:	83	Resp:	213570
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	63.8	31.8	95.3

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#76

1,2,3-Trichloropropane

Concen: 17.014 ug/l m

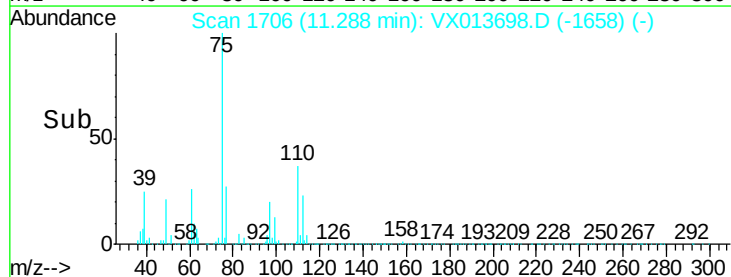
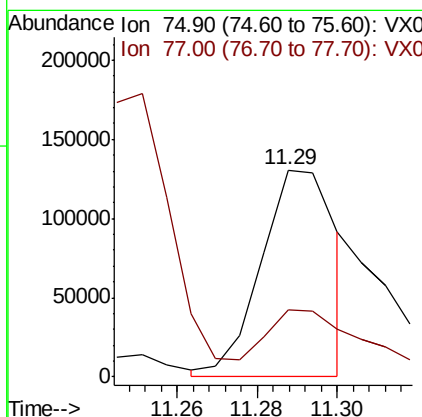
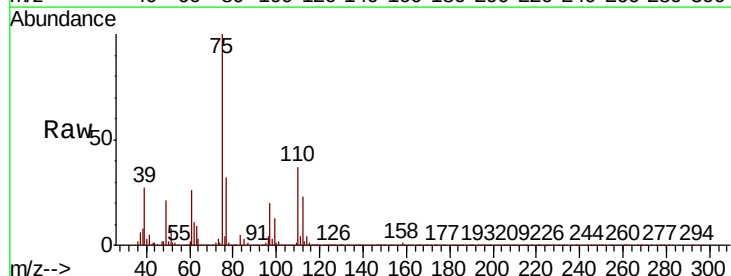
RT: 11.29 min Scan# 1706

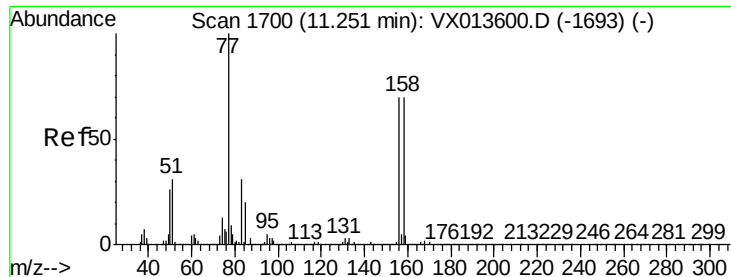
Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	75	Resp:	169280
Ion Ratio	Lower	Upper	
75	100		
77	42.3	19.1	57.5





#77

Bromobenzene

Concen: 18.848 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

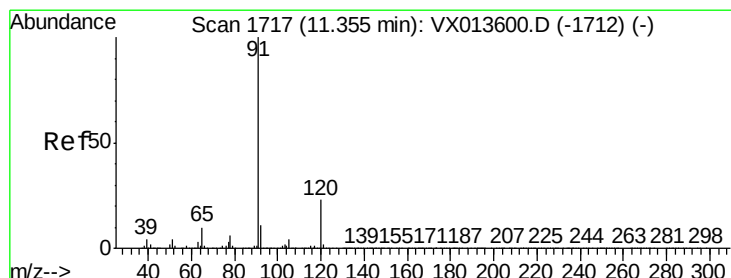
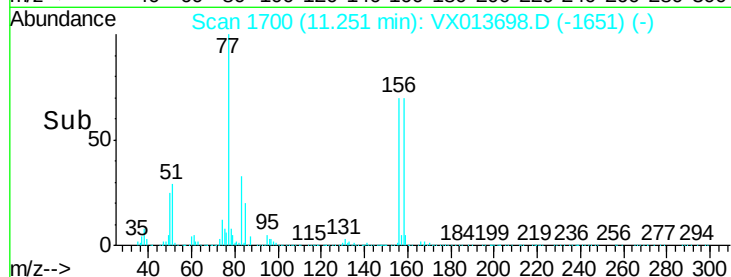
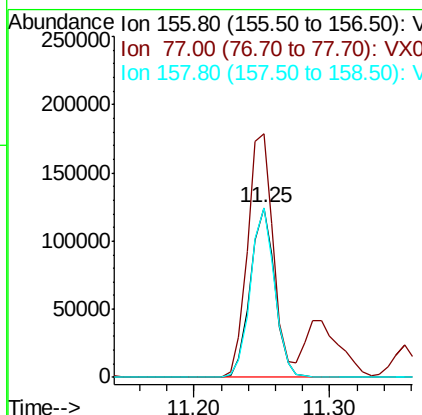
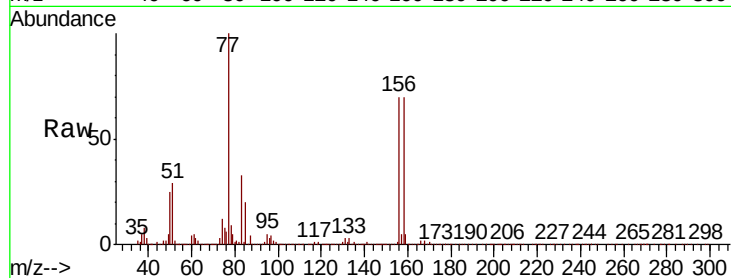
ClientSampleId :

VX1129WBSD01

Tot Ion:	156	Resp:	157997
Ion Ratio	Lower	Upper	
156	100		
77	151.3	74.4	223.1
158	98.5	48.9	146.6

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#78

n-propylbenzene

Concen: 19.321 ug/l

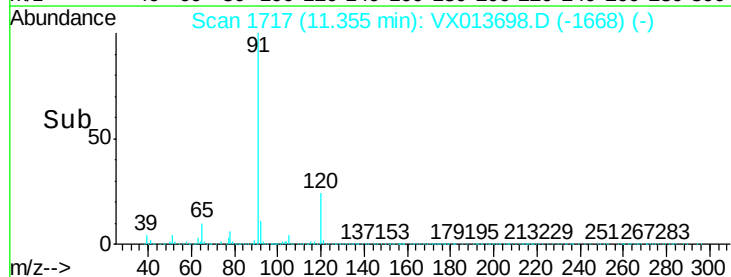
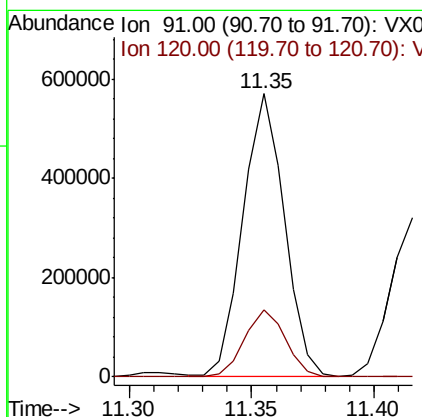
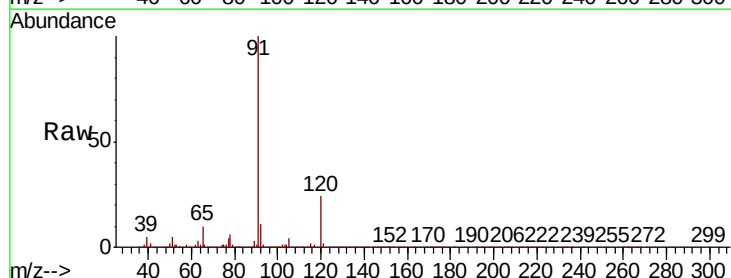
RT: 11.35 min Scan# 1717

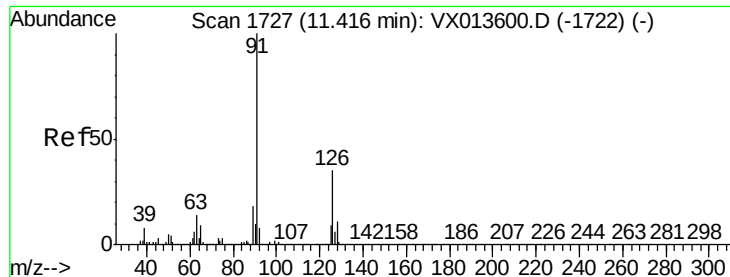
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	91	Resp:	669269
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.077 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion: 91 Resp: 396393

Ion Ratio Lower Upper

91 100

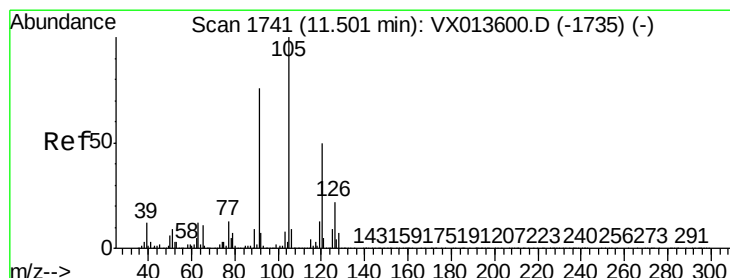
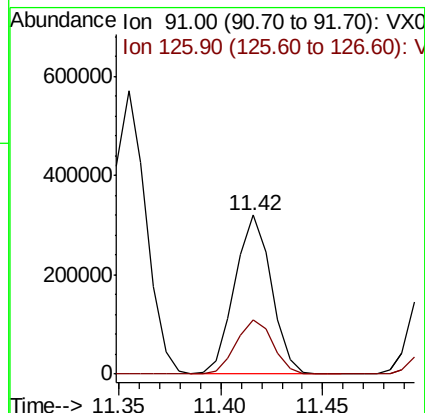
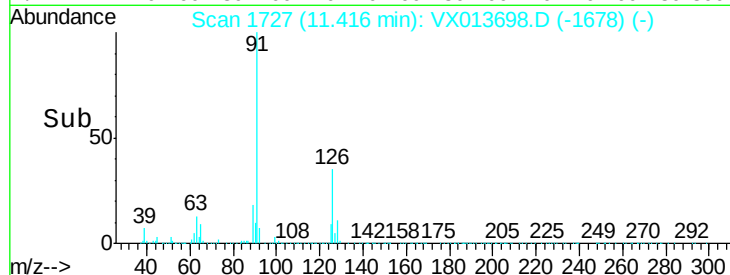
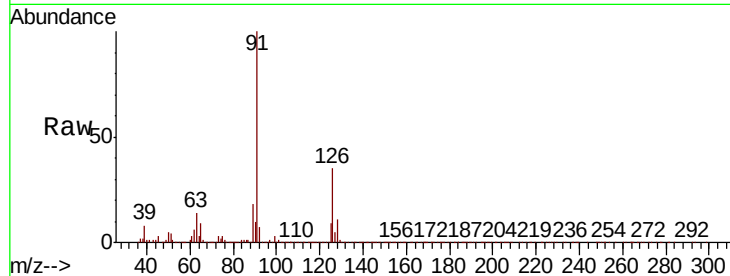
126 34.8 17.5 52.5

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.702 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013698.D

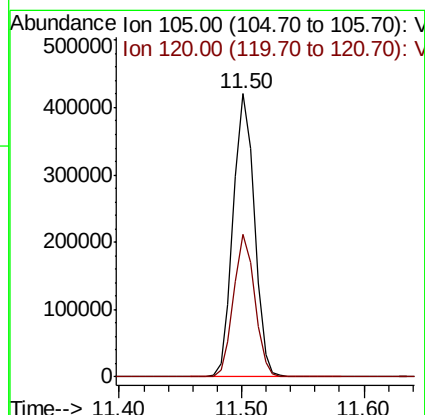
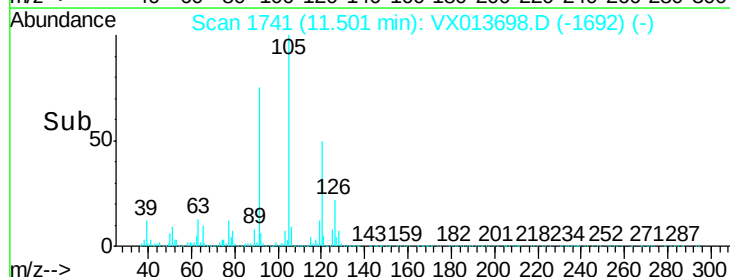
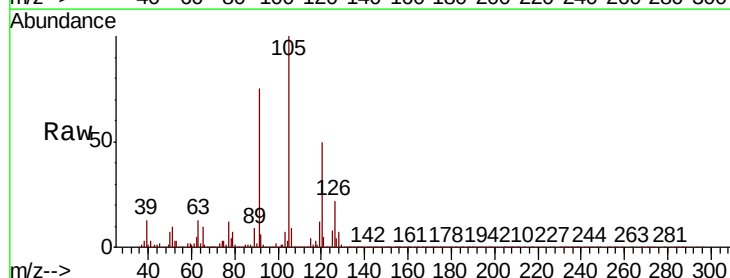
Acq: 29 Nov 2019 14:03

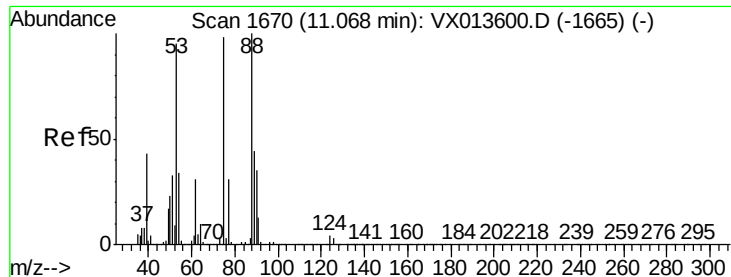
Tgt Ion: 105 Resp: 501068

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.061 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

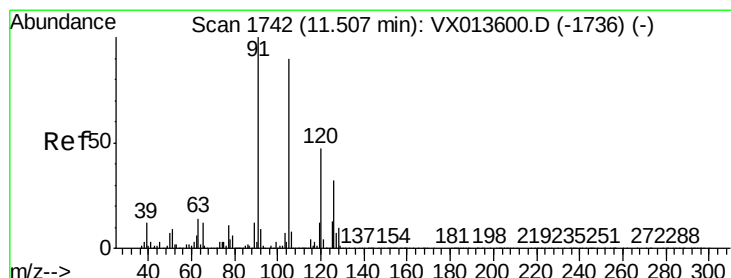
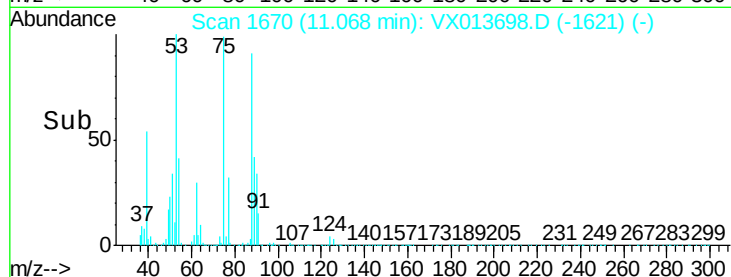
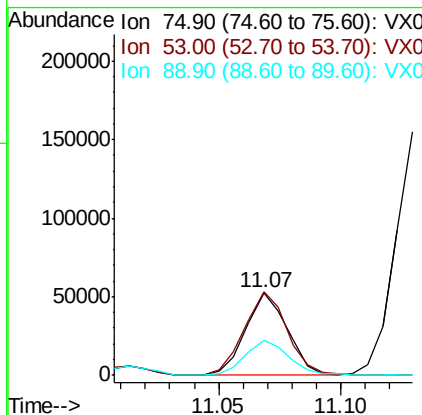
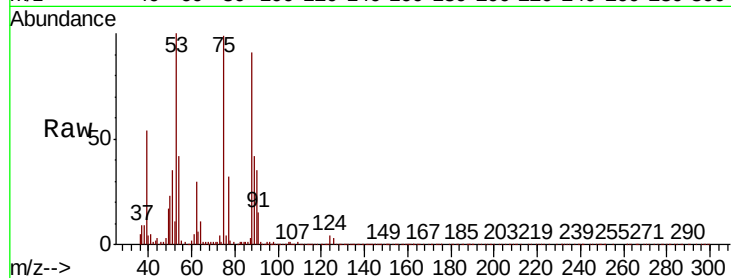
ClientSampleId :

VX1129WBSD01

Tot Ion:	75	Resp:	62047
Ion	Ratio	Lower	Upper
75	100		
53	104.7	78.2	117.2
89	45.5	35.4	53.2

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#82

4-Chlorotoluene

Concen: 18.993 ug/l

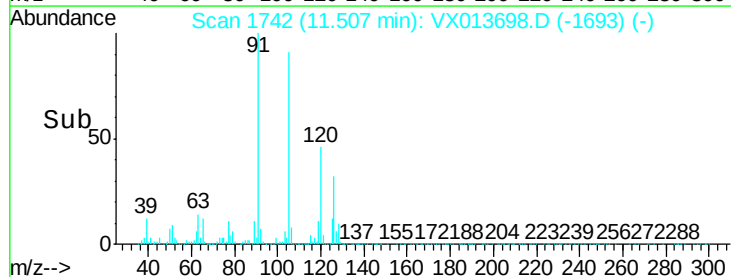
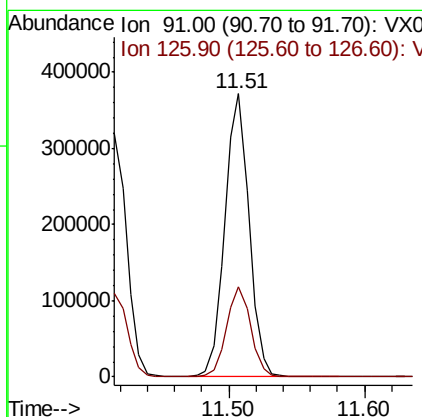
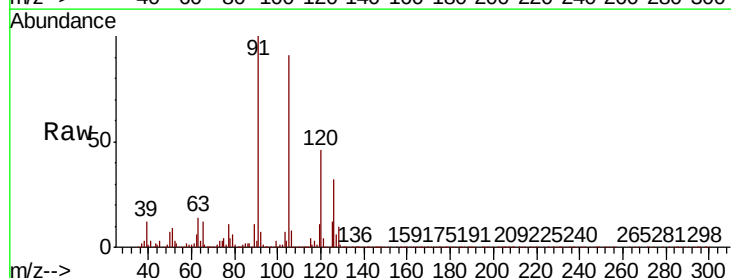
RT: 11.51 min Scan# 1742

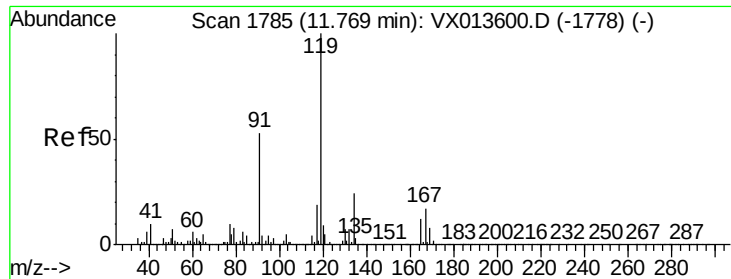
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	91	Resp:	457107
Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.7	47.0





#83

tert-Butylbenzene

Concen: 19.252 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

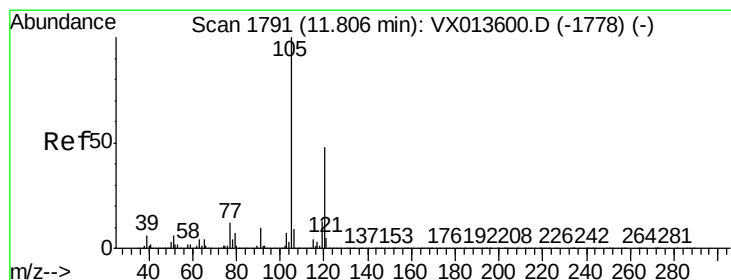
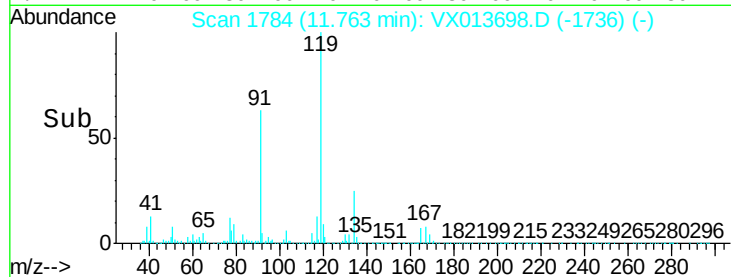
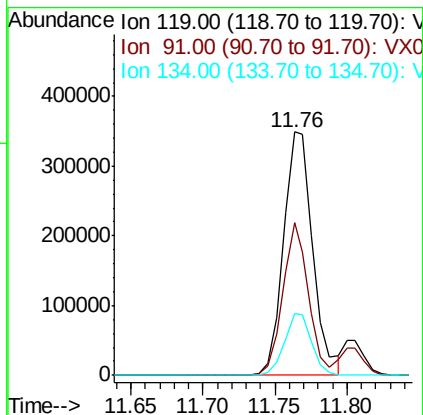
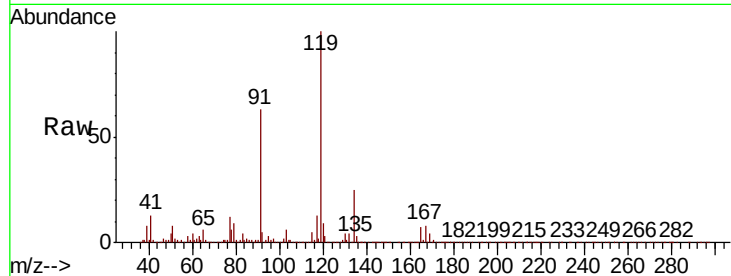
ClientSampleId :

VX1129WBSD01

Tot Ion:	119	Resp:	497589
Ion Ratio	Lower	Upper	
119	100		
91	55.0	27.2	81.6
134	23.8	11.7	35.1

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#84

1,2,4-Trimethylbenzene

Concen: 19.473 ug/l

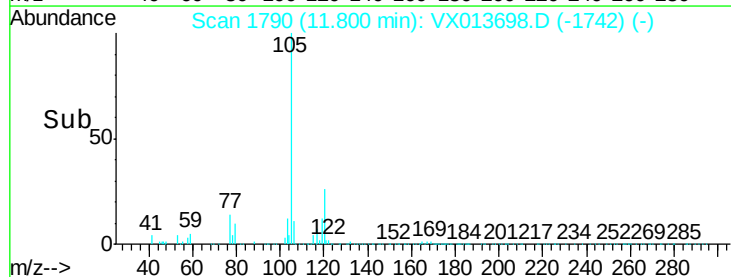
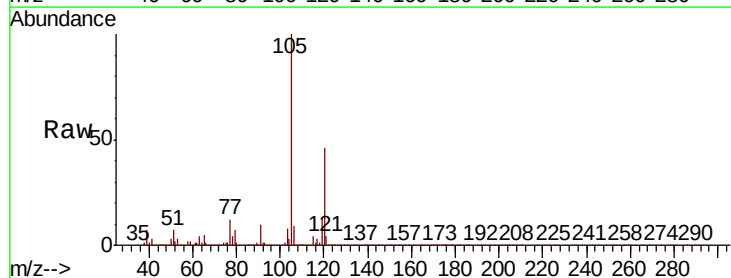
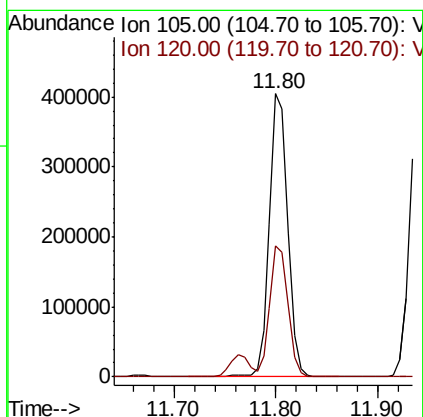
RT: 11.80 min Scan# 1790

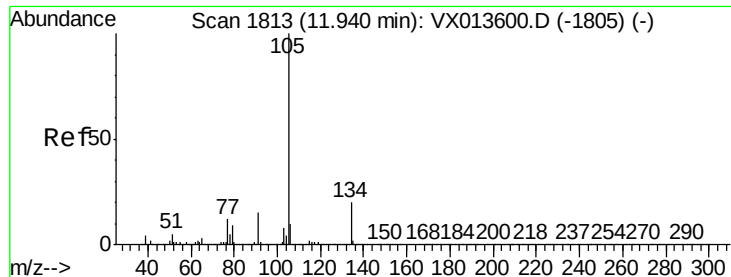
Delta R.T. -0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	105	Resp:	502613
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.327 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

VX1129WBSD01

Tot Ion:105 Resp: 570566

Ion Ratio Lower Upper

105 100

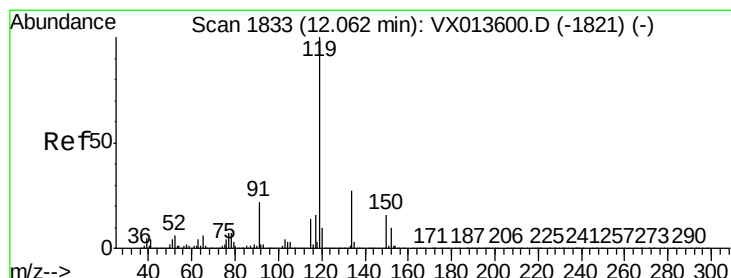
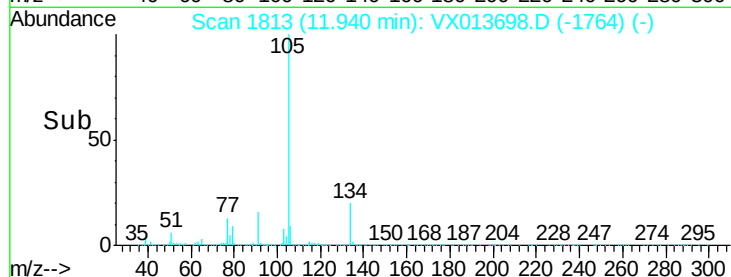
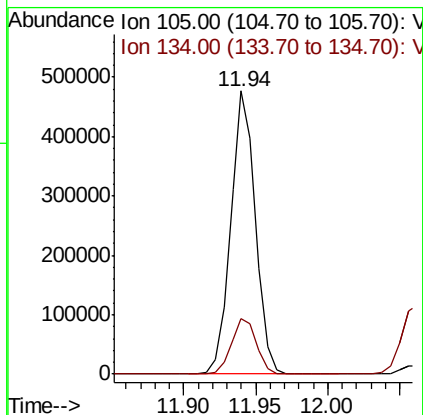
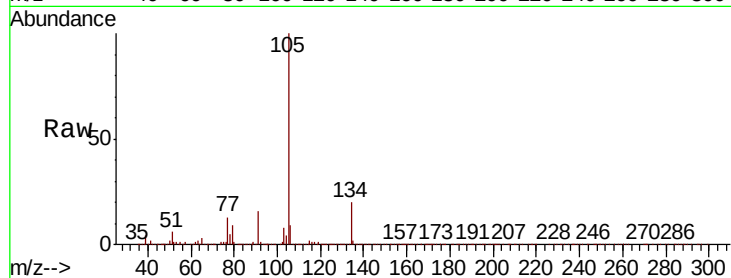
134 20.2 10.4 31.2

Manual Integrations

APPROVED

apatel

12/2/2019 12:47:56 PM



#86

p-Isopropyltoluene

Concen: 19.345 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

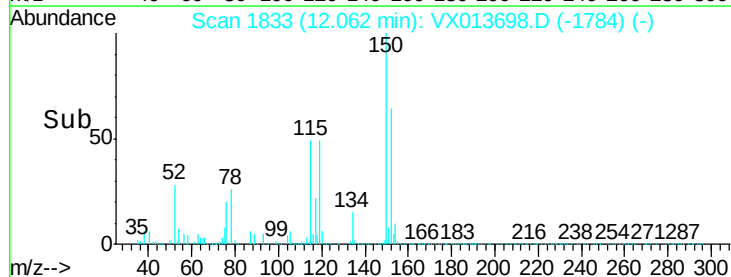
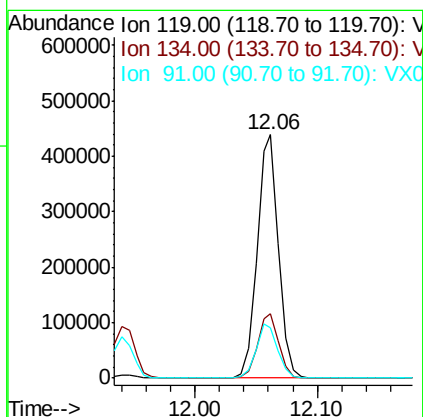
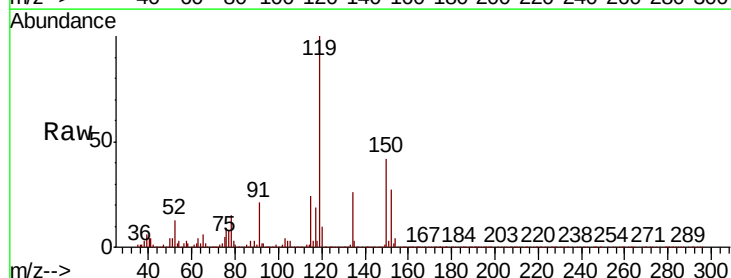
Tgt Ion:119 Resp: 531300

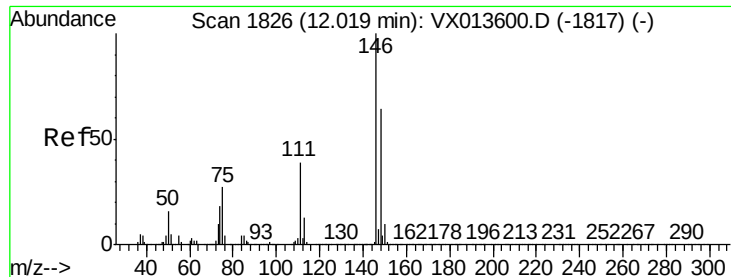
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.760 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

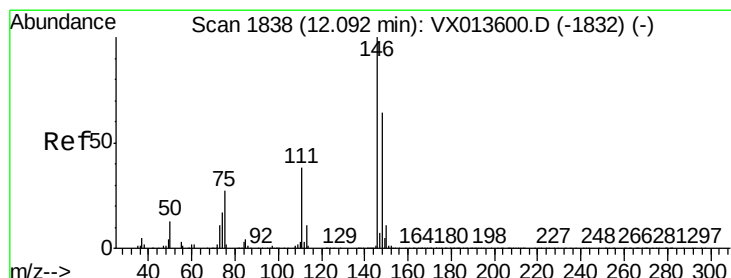
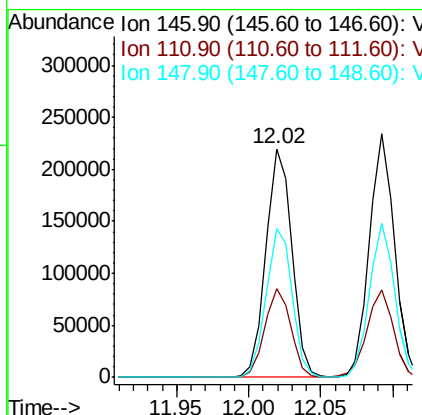
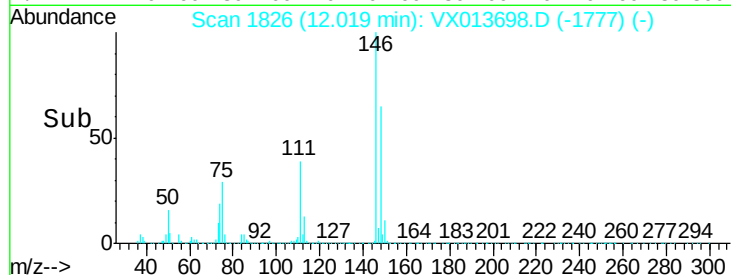
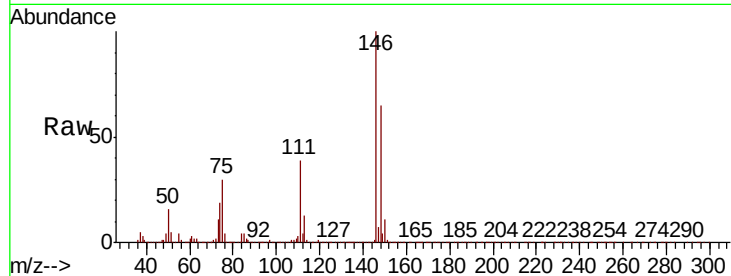
ClientSampleId :

VX1129WBSD01

Tot Ion:	146	Resp:	274142
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.0	57.0
148	64.7	31.8	95.4

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#88

1,4-Dichlorobenzene

Concen: 18.717 ug/l

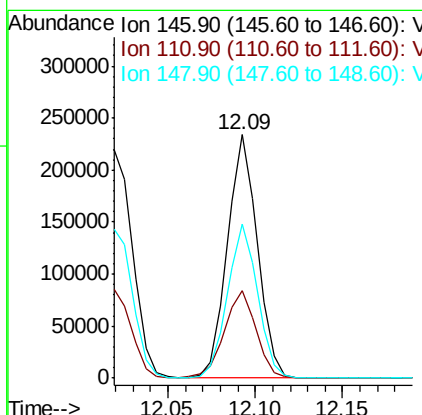
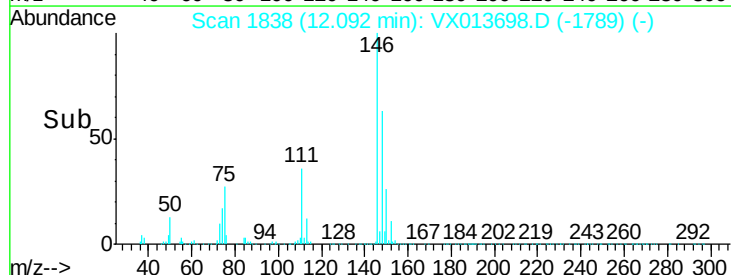
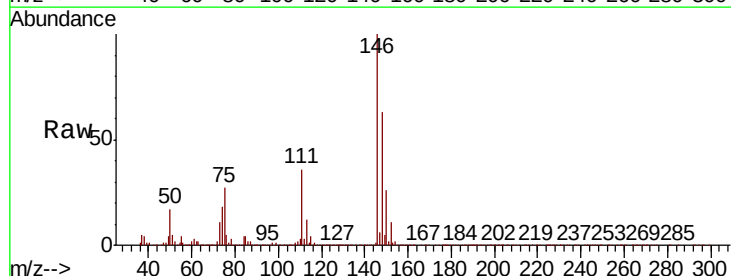
RT: 12.09 min Scan# 1838

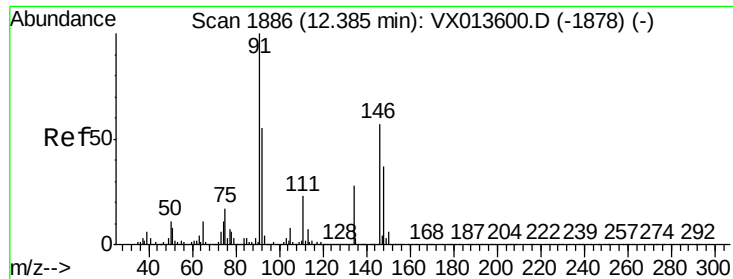
Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	146	Resp:	278583
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.9
148	63.6	31.9	95.5





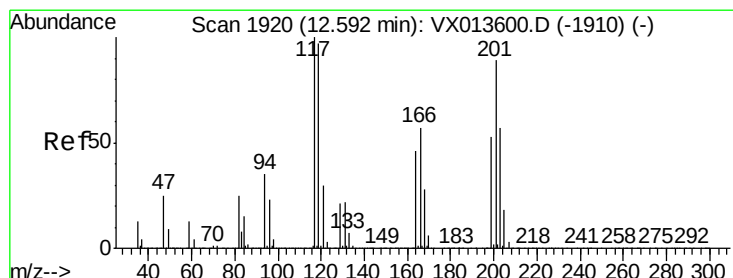
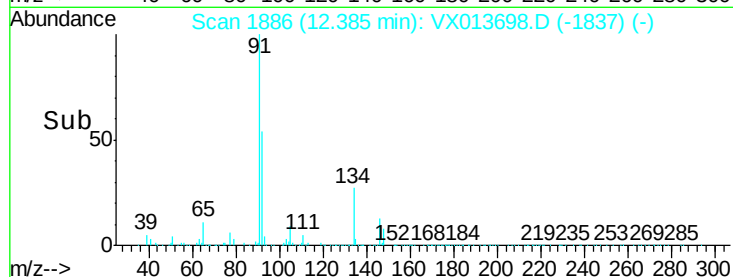
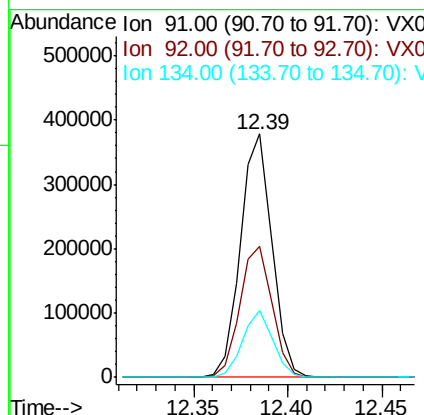
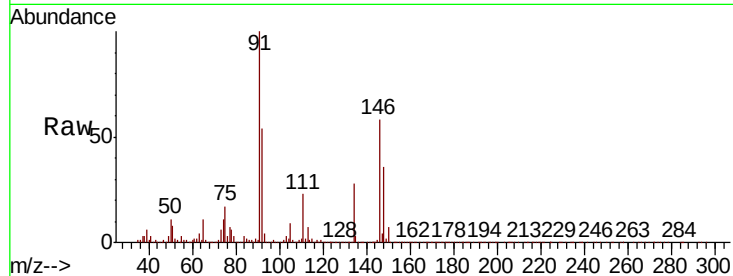
#89
n-Butylbenzene
Concen: 18.697 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.4	82.2
134	26.6	13.5	40.4

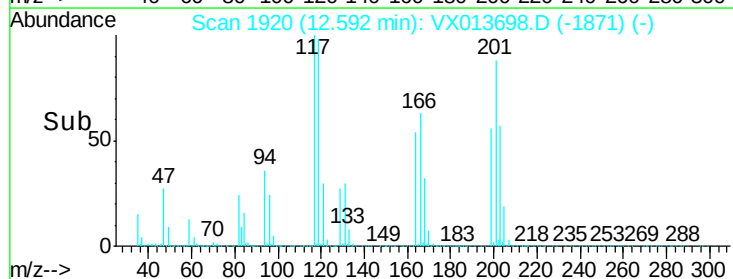
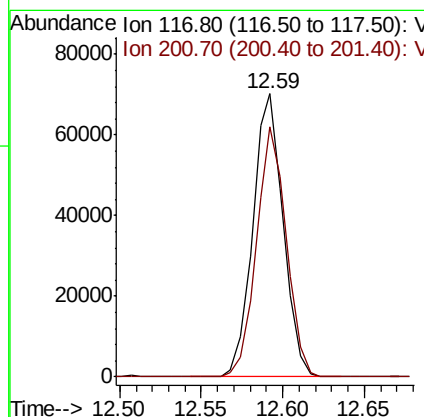
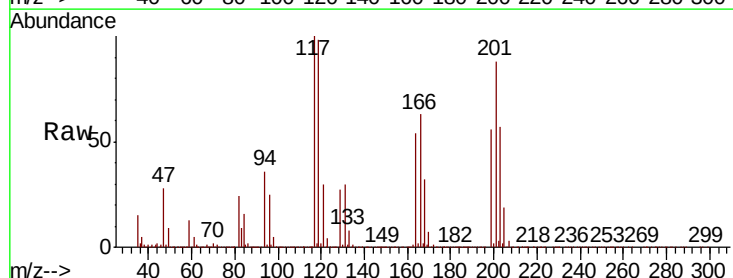
Manual Integrations
APPROVED

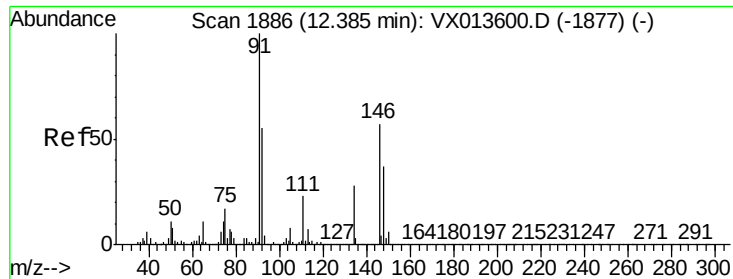
apatel
12/2/2019 12:47:56 PM



#90
Hexachloroethane
Concen: 18.194 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013698.D
Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	44.1	132.4





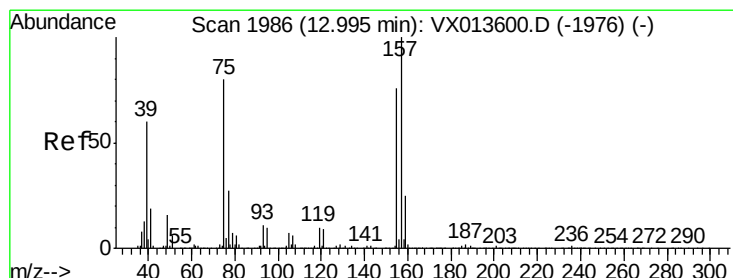
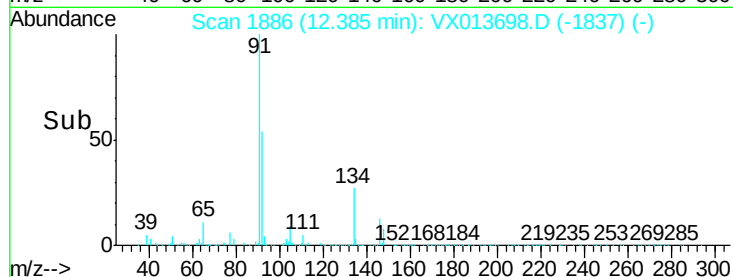
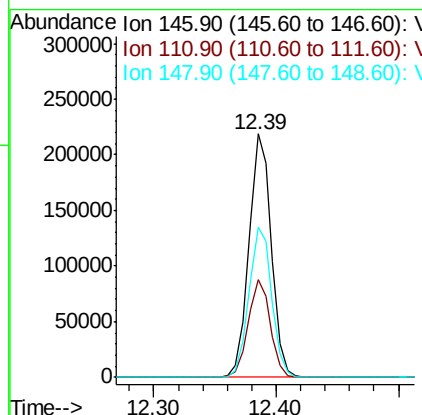
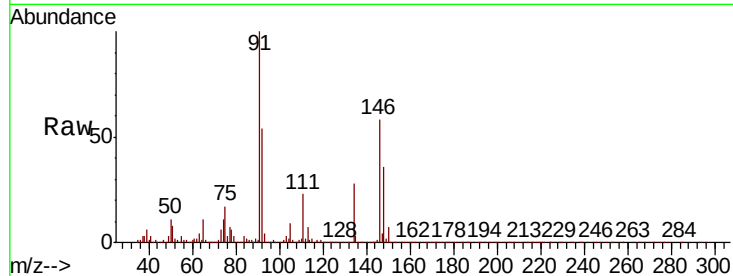
#91
 1,2-Dichlorobenzene
 Concen: 19.238 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1129WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	62.9	31.9	95.7

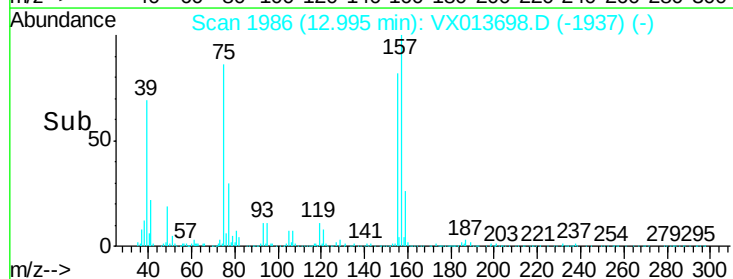
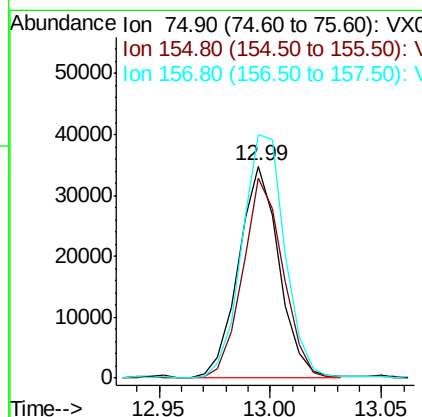
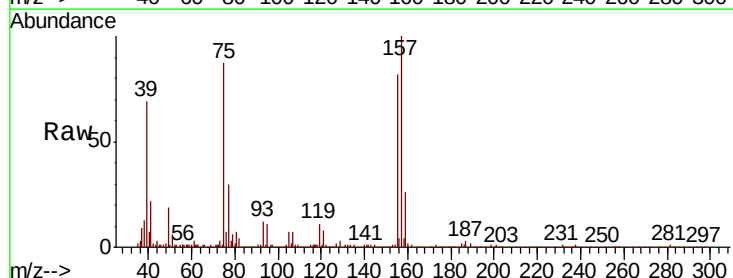
Manual Integrations
 APPROVED

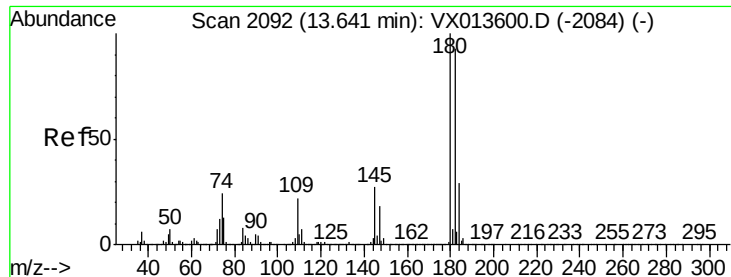
apatel
 12/2/2019 12:47:56 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.662 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013698.D
 Acq: 29 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	47.6	142.8
157	123.9	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 18.272 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

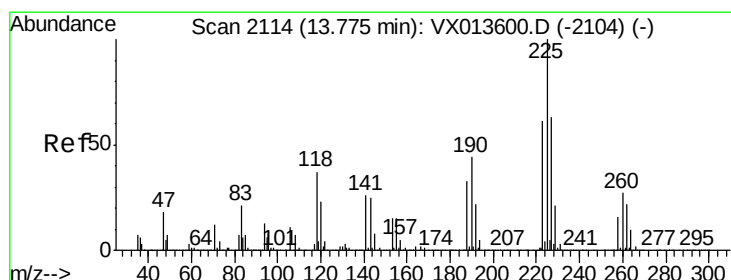
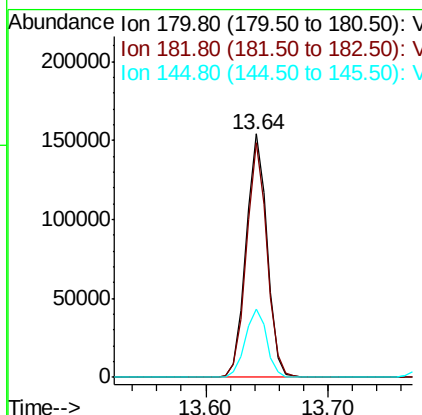
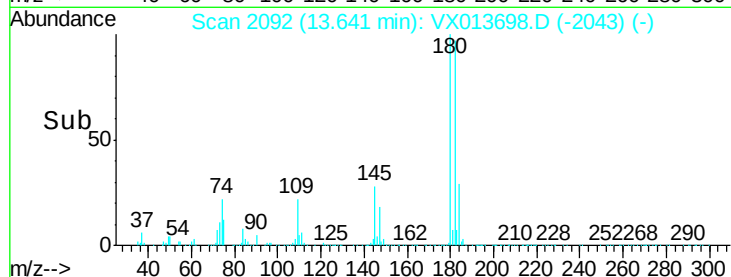
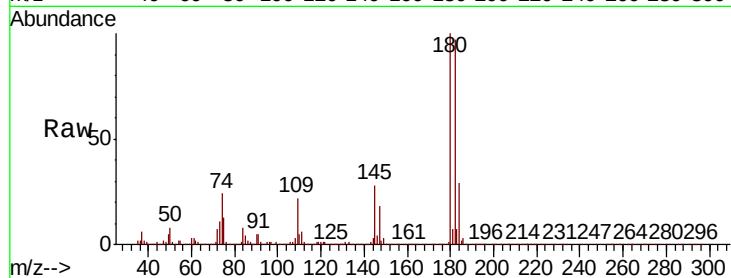
ClientSampleId :

VX1129WBSD01

Tot Ion:	180	Resp:	183859
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.2	141.6
145	28.5	13.8	41.4

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#94

Hexachlorobutadiene

Concen: 17.668 ug/l

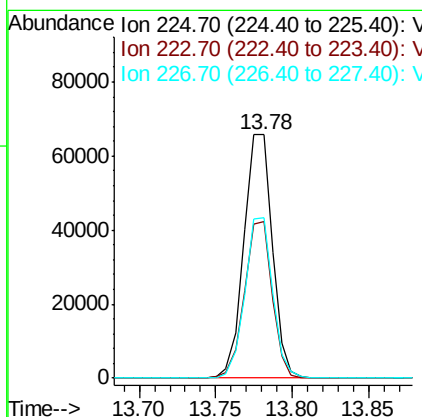
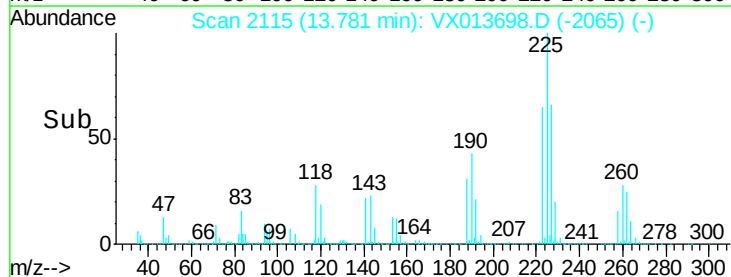
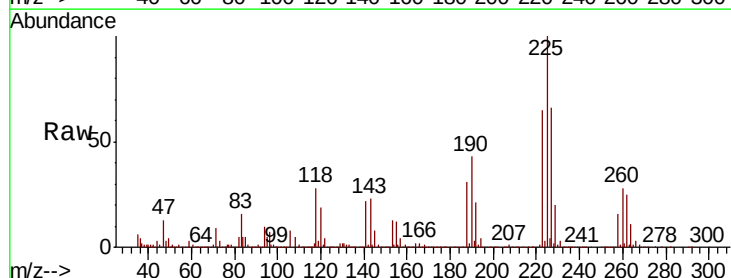
RT: 13.78 min Scan# 2115

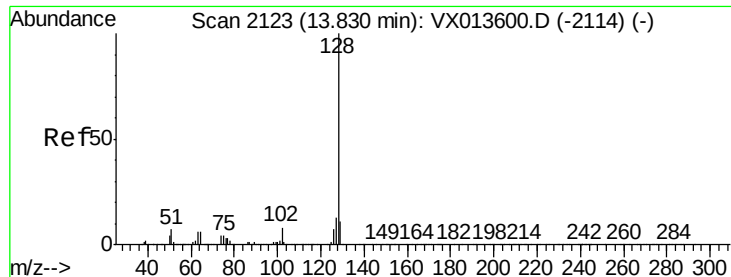
Delta R.T. 0.01 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	225	Resp:	85401
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.9	95.5
227	64.1	32.1	96.3





#95

Naphthalene

Concen: 19.022 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Instrument :

MSVOA_X

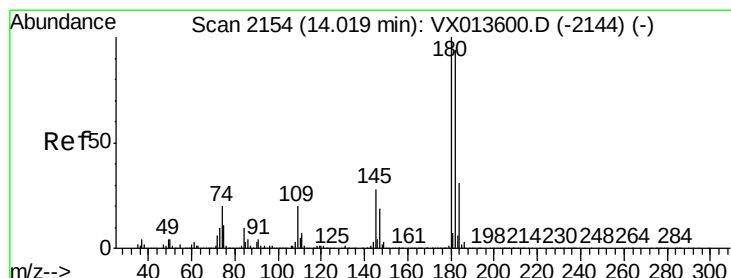
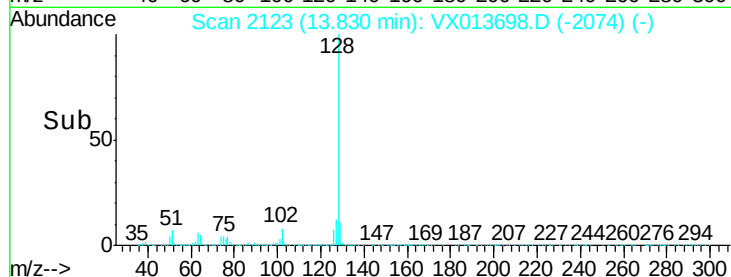
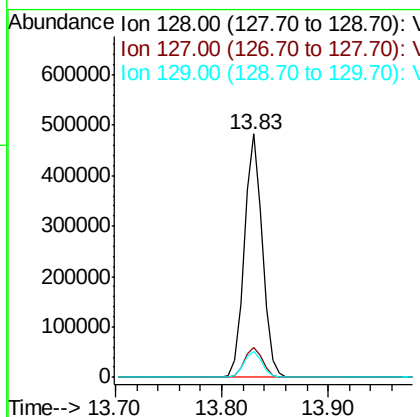
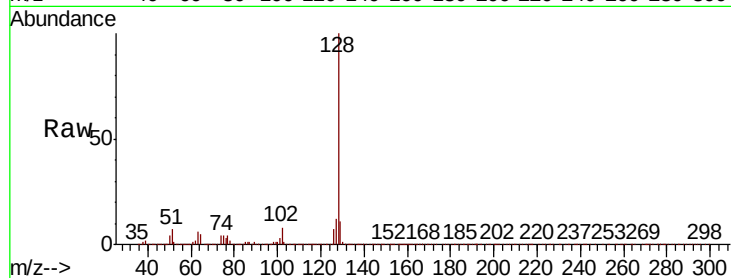
ClientSampleId :

VX1129WBSD01

Tot Ion:	128	Resp:	569998
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/2/2019 12:47:56 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.699 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VX013698.D

Acq: 29 Nov 2019 14:03

Tgt Ion:	180	Resp:	186300
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.6	142.8
145	30.4	15.0	45.0

