

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013808.D
 Acq On : 06 Dec 2019 18:35
 Operator : JC/SP
 Sample : K6184-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:07:57 AM

Quant Time: Dec 07 04:34:57 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	592578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	922715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	830898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	314279	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.48	113	264018	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	985355	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
62) 4-Bromofluorobenzene	11.14	95	363093	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	302130	45.807	ug/l	98
3) Chloromethane	1.32	50	331011	44.726	ug/l	98
4) Vinyl Chloride	1.40	62	400638	48.097	ug/l	100
5) Bromomethane	1.63	94	230234	41.157	ug/l	98
6) Chloroethane	1.70	64	220654	46.551	ug/l	99
7) Trichlorofluoromethane	1.92	101	430495	46.542	ug/l	99
8) Diethyl Ether	2.18	74	203777	48.697	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	259546	45.940	ug/l	99
10) Methyl Iodide	2.50	142	327463	47.915	ug/l	99
11) Tert butyl alcohol	3.04	59	426047	250.936	ug/l	99
12) 1,1-Dichloroethene	2.36	96	263247	46.680	ug/l	99
13) Acrolein	2.28	56	249304	220.292	ug/l	100
14) Allyl chloride	2.72	41	482435	47.140	ug/l	99
15) Acrylonitrile	3.13	53	876882	250.207	ug/l	100
16) Acetone	2.44	43	768796	226.383	ug/l	98
17) Carbon Disulfide	2.56	76	679134	42.245	ug/l	99
18) Methyl Acetate	2.76	43	477566	50.501	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	915470	49.003	ug/l	98
20) Methylene Chloride	2.84	84	303020	46.445	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	285731	46.510	ug/l	99
22) Diisopropyl ether	3.84	45	975726	49.514	ug/l	99
23) Vinyl Acetate	3.80	43	3796126	231.564	ug/l	100
24) 1,1-Dichloroethane	3.69	63	524256	48.666	ug/l	99
25) 2-Butanone	4.66	43	1254753	248.609	ug/l	100
26) 2,2-Dichloropropane	4.57	77	363735	40.810	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	332321	47.103	ug/l	98
28) Bromochloromethane	5.01	49	217795	51.161	ug/l	99
29) Tetrahydrofuran	5.11	42	809050	260.029	ug/l	99
30) Chloroform	5.20	83	520311	47.625	ug/l	99
31) Cyclohexane	5.57	56	454408	44.722	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	430910	47.199	ug/l	99
36) 1,1-Dichloropropene	5.79	75	381700	45.571	ug/l	99
37) Ethyl Acetate	4.82	43	444227	47.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	364028	47.133	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013808.D
 Acq On : 06 Dec 2019 18:35
 Operator : JC/SP
 Sample : K6184-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:07:57 AM

Quant Time: Dec 07 04:34:57 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	7.46	83	456798	44.120	ug/l	97
40) Benzene	6.13	78	1199070	47.003	ug/l	100
41) Methacrylonitrile	5.03	41	262940	51.024	ug/l	98
42) 1,2-Dichloroethane	6.18	62	414894	47.689	ug/l	99
43) Isopropyl Acetate	6.43	43	724795	46.853	ug/l	99
44) Trichloroethene	7.21	130	357483	51.060	ug/l	94
45) 1,2-Dichloropropane	7.51	63	311674	48.832	ug/l	98
46) Dibromomethane	7.65	93	204464	47.167	ug/l	99
47) Bromodichloromethane	7.89	83	399238	48.717	ug/l	99
48) Methyl methacrylate	7.76	41	376056	50.032	ug/l	98
49) 1,4-Dioxane	7.73	88	172608	1025.935	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2478868	254.745	ug/l	100
52) Toluene	8.78	92	744117	46.953	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	433094	46.430	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	480639	47.163	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	316192	49.510	ug/l	98
56) Ethyl methacrylate	9.17	69	509726	49.643	ug/l	99
57) 1,3-Dichloropropane	9.37	76	524611	47.657	ug/l	100
59) 2-Hexanone	9.49	43	1936323	255.139	ug/l	99
60) Dibromochloromethane	9.57	129	323489	48.808	ug/l	99
61) 1,2-Dibromoethane	9.67	107	329349	48.285	ug/l	98
64) Tetrachloroethene	9.33	164	273076	44.071	ug/l	96
65) Chlorobenzene	10.14	112	810498	46.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	300238	48.467	ug/l	98
67) Ethyl Benzene	10.25	91	1410472	47.580	ug/l	98
68) m/p-Xylenes	10.35	106	1079368	95.103	ug/l	100
69) o-Xylene	10.70	106	534365	48.276	ug/l	99
70) Styrene	10.71	104	905343	48.622	ug/l	99
71) Bromoform	10.85	173	259573	50.642	ug/l	100
73) Isopropylbenzene	11.01	105	1386104	48.695	ug/l	100
74) N-amyl acetate	10.89	43	642694	49.289	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	515612	52.233	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	396697m	43.464	ug/l	
77) Bromobenzene	11.25	156	365318	47.507	ug/l	98
78) n-propylbenzene	11.35	91	1553336	48.885	ug/l	100
79) 2-Chlorotoluene	11.42	91	919351	48.232	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1155262	49.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	160912	48.234	ug/l	99
82) 4-Chlorotoluene	11.51	91	1047182	47.433	ug/l	100
83) tert-Butylbenzene	11.76	119	1175070	49.561	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1155380	48.797	ug/l	99
85) sec-Butylbenzene	11.94	105	1319792	48.734	ug/l	100
86) p-Isopropyltoluene	12.06	119	1228632	48.767	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	630186	47.012	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	632390	46.317	ug/l	99
89) n-Butylbenzene	12.39	91	1008648	46.940	ug/l	99
90) Hexachloroethane	12.59	117	224539	49.308	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	641265	48.418	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	110065	51.201	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	401750	43.525	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013808.D
Acq On : 06 Dec 2019 18:35
Operator : JC/SP
Sample : K6184-03MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

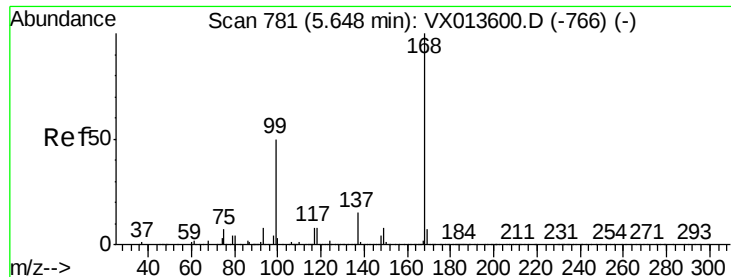
Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM

Quant Time: Dec 07 04:34:57 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)
94) Hexachlorobutadiene	13.78	225	192646	43.447	ug/l	98
95) Naphthalene	13.83	128	1320765	48.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	411835	45.063	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion:168 Resp: 592578

Ion Ratio Lower Upper

168 100

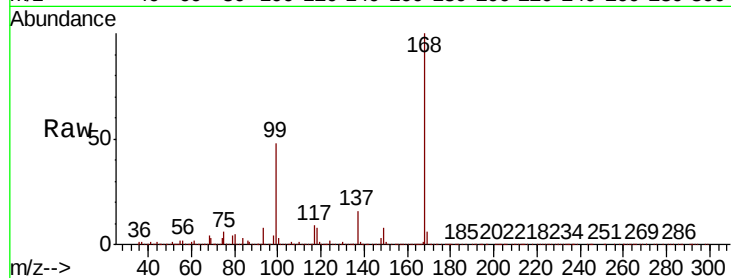
99 48.3 39.8 59.8

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

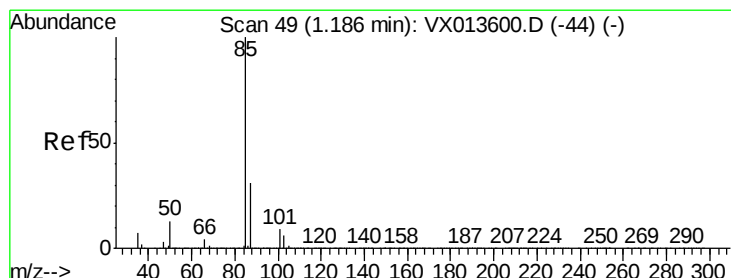
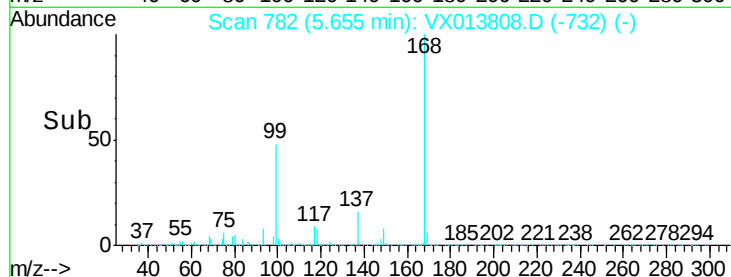
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.807 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013808.D

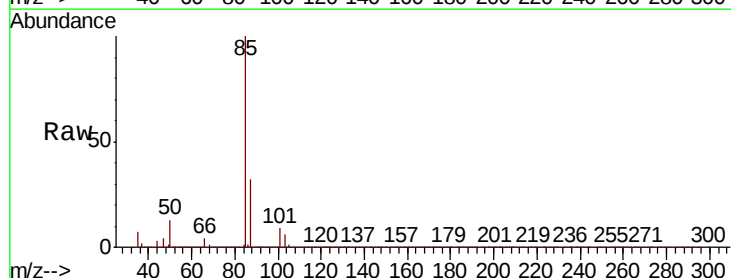
Acq: 06 Dec 2019 18:35

Tgt Ion: 85 Resp: 302130

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

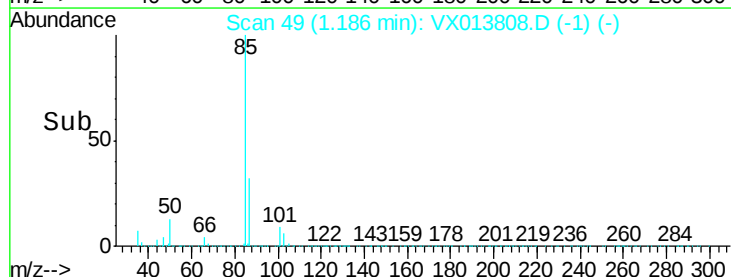
150000

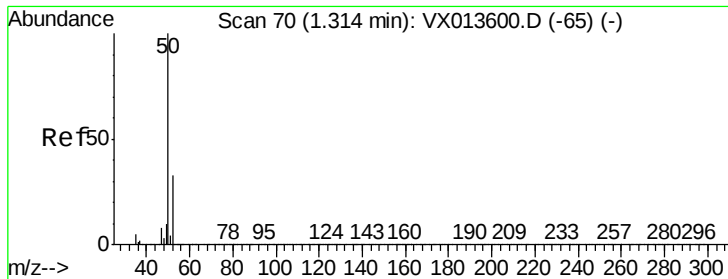
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.726 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 50 Resp: 331011

Ion Ratio Lower Upper

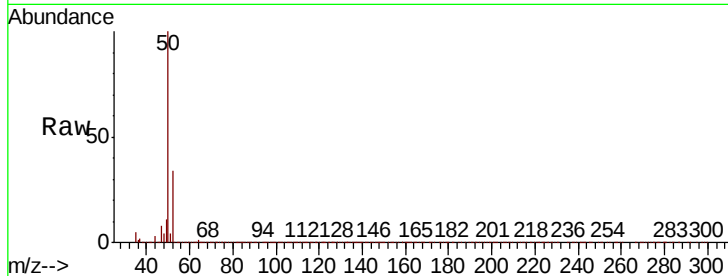
50 100

52 33.5 26.0 39.0

Manual Integrations
APPROVED

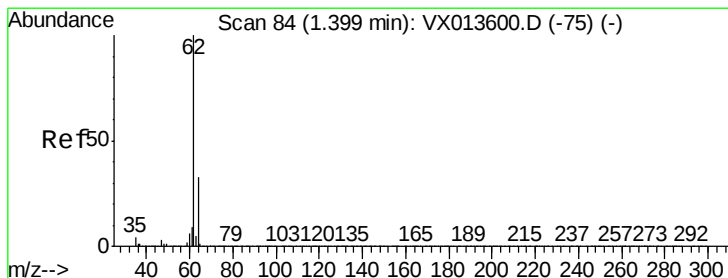
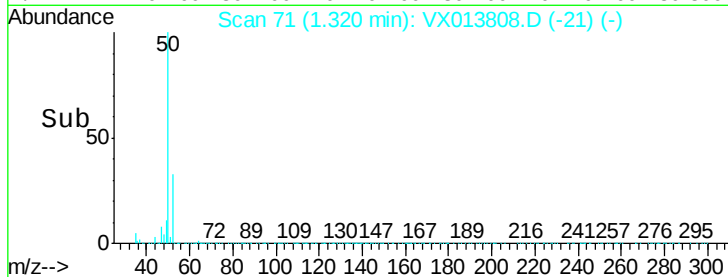
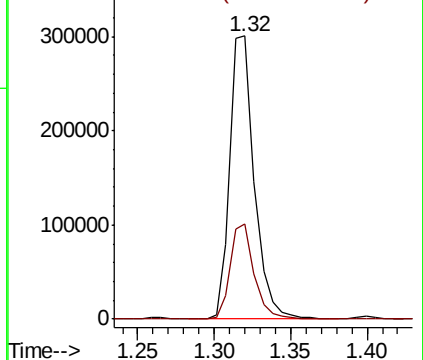
apatel

12/9/2019 9:07:57 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.097 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013808.D

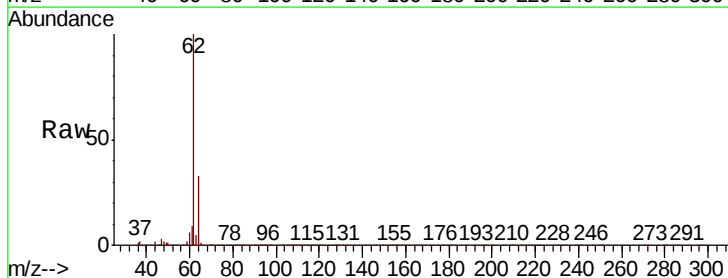
Acq: 06 Dec 2019 18:35

Tgt Ion: 62 Resp: 400638

Ion Ratio Lower Upper

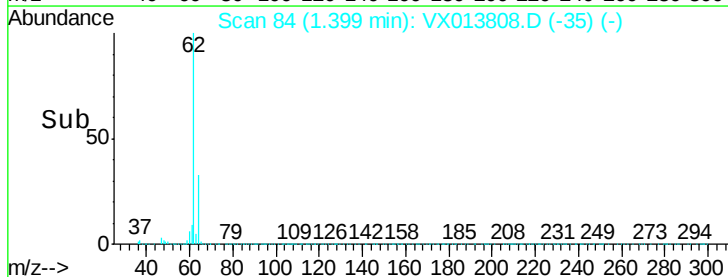
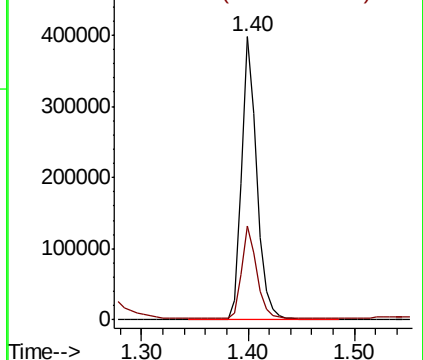
62 100

64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.157 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 94 Resp: 230234

Ion Ratio Lower Upper

94 100

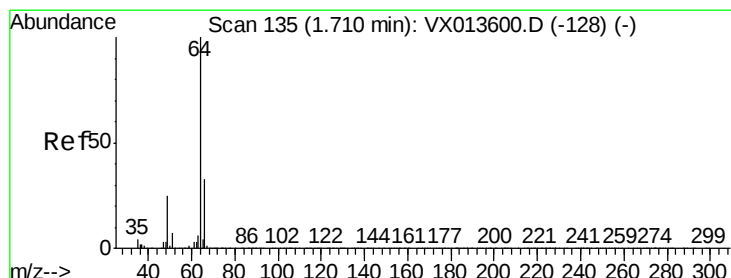
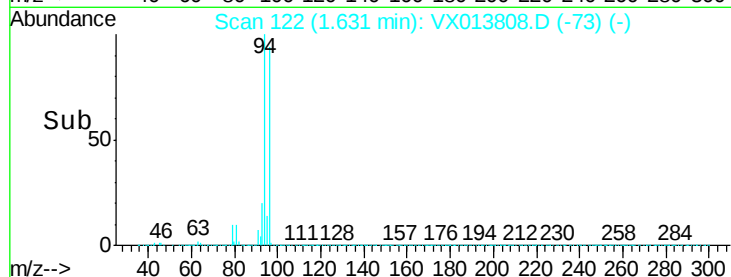
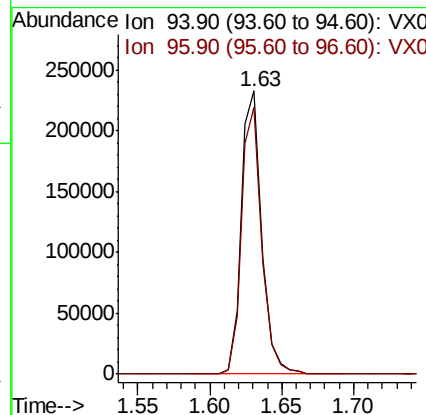
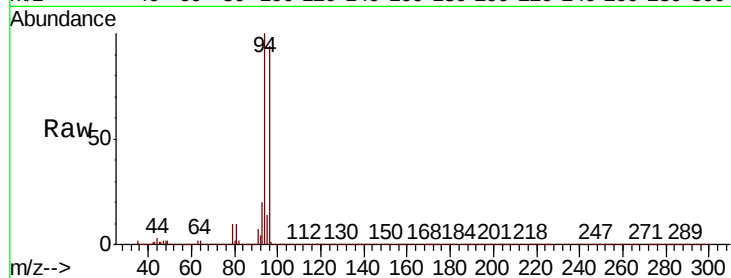
96 94.1 77.0 115.4

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



#6

Chloroethane

Concen: 46.551 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013808.D

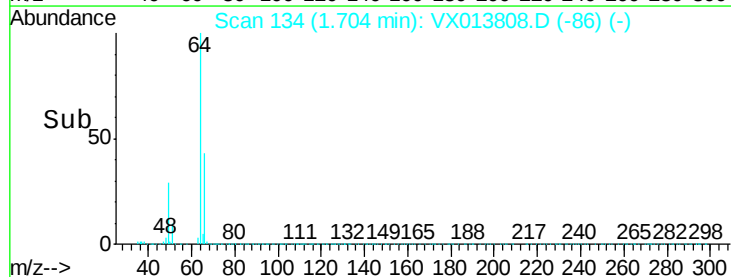
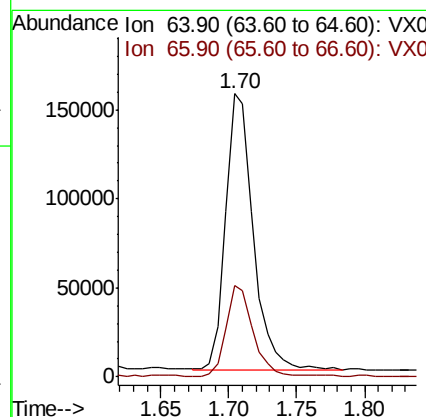
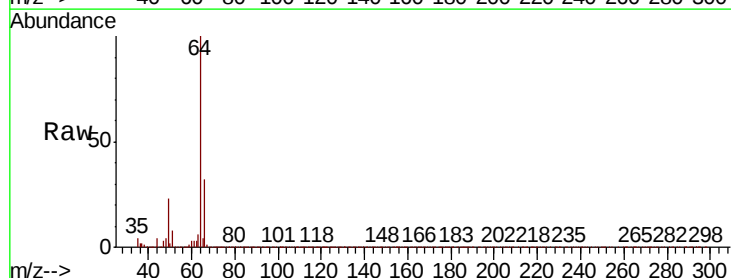
Acq: 06 Dec 2019 18:35

Tgt Ion: 64 Resp: 220654

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1





#7

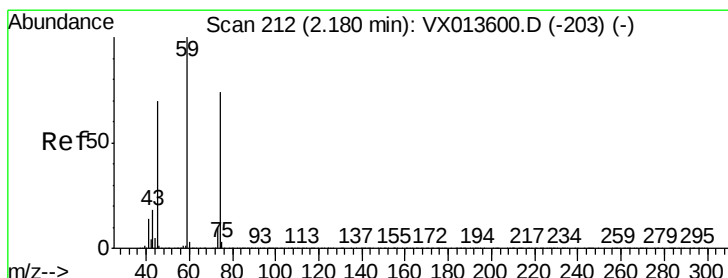
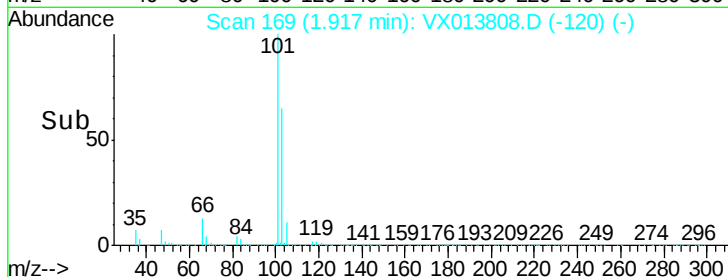
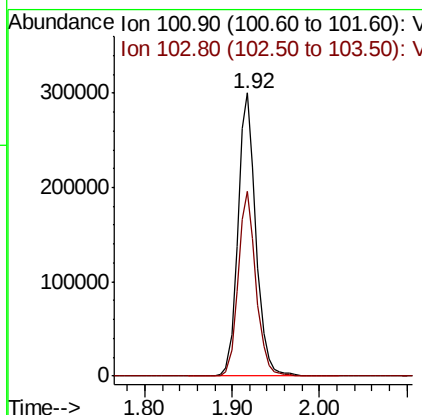
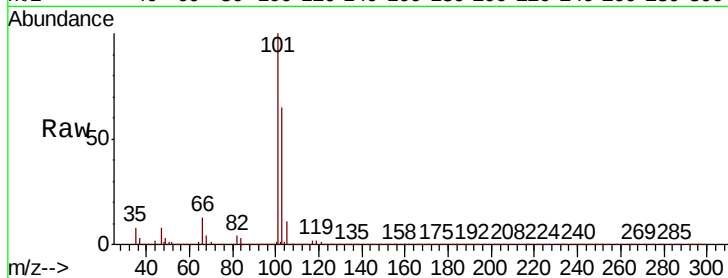
Trichlorofluoromethane
Concen: 46.542 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.6

Manual Integrations
APPROVED

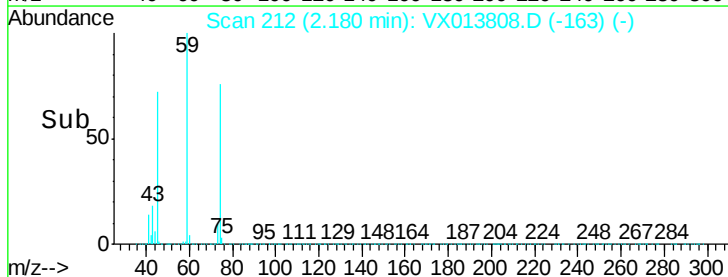
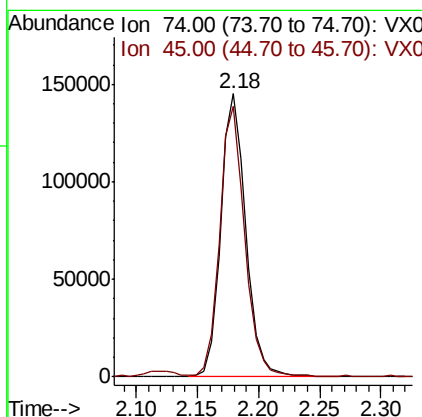
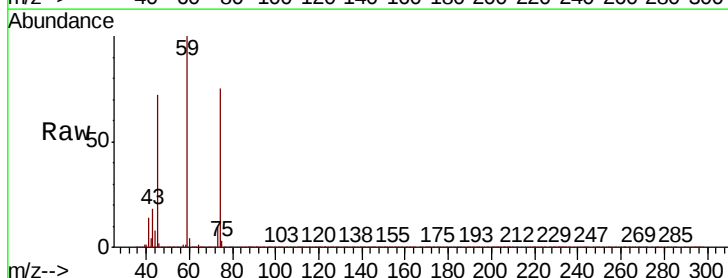
apatel
12/9/2019 9:07:57 AM

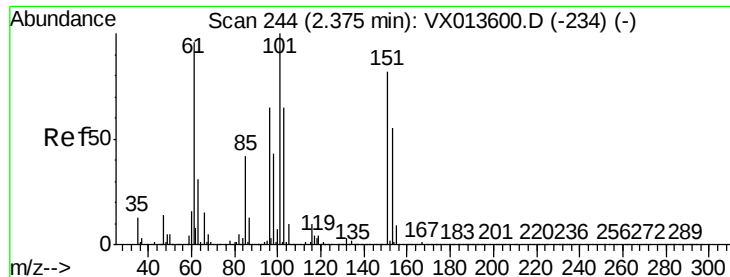


#8

Diethyl Ether
Concen: 48.697 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.940 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

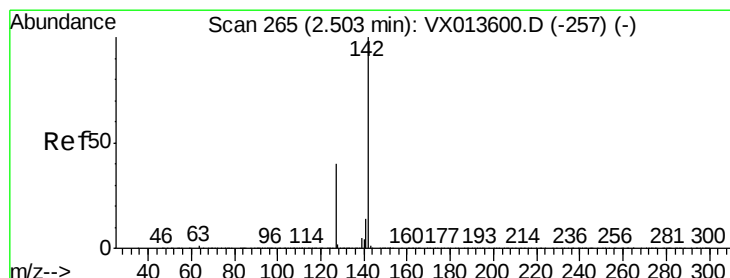
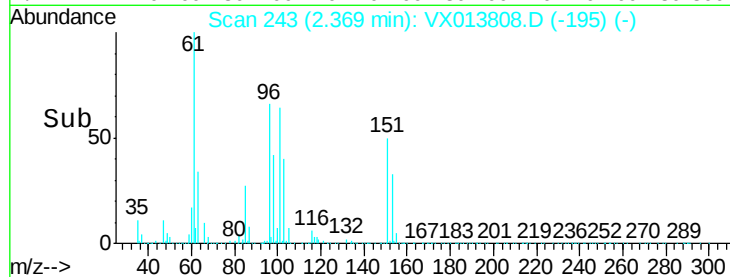
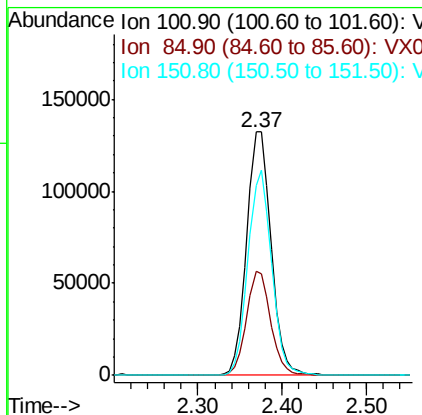
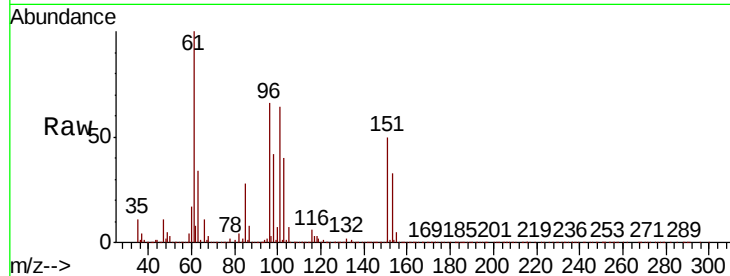
ClientSampleId :

RE134D1-20191202MS

Tot Ion:	101	Resp:	259546
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.9	50.9
151	81.6	64.2	96.2

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#10

Methyl Iodide

Concen: 47.915 ug/l

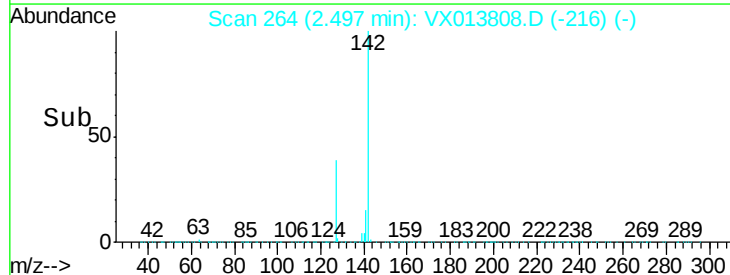
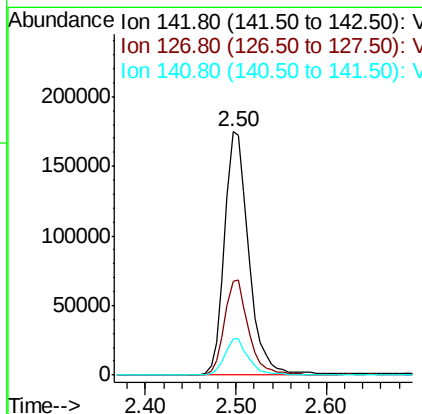
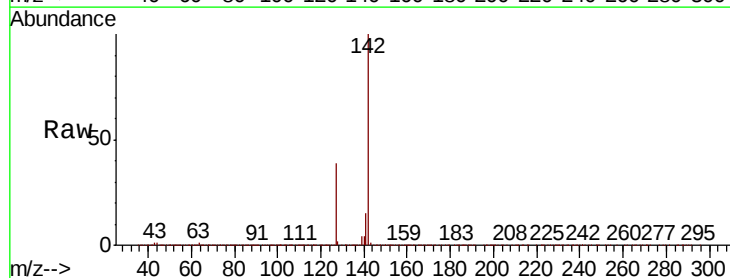
RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion:	142	Resp:	327463
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.0	46.4
141	14.6	11.6	17.4





#11

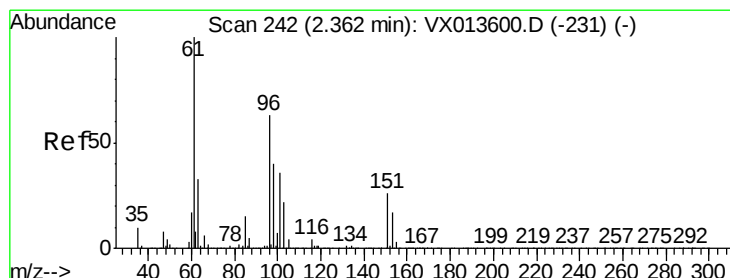
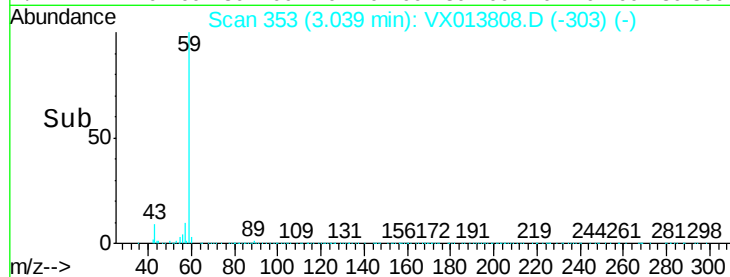
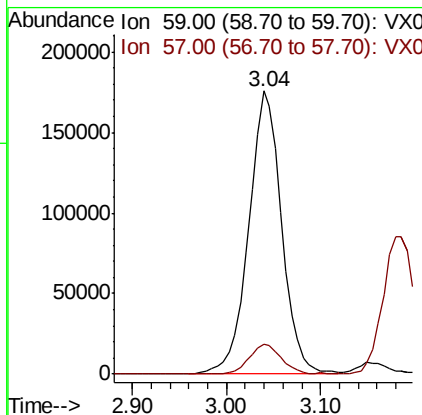
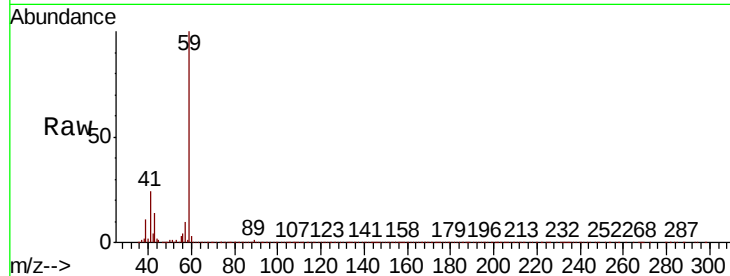
Tert butyl alcohol
Concen: 250.936 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.6

Manual Integrations
APPROVED

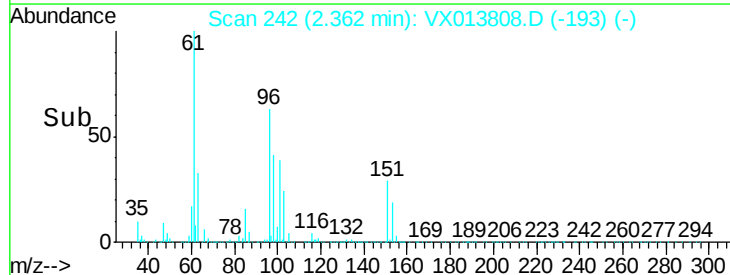
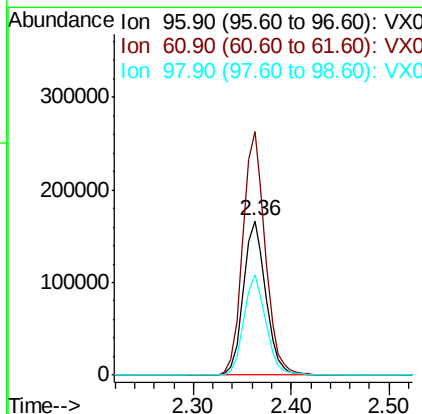
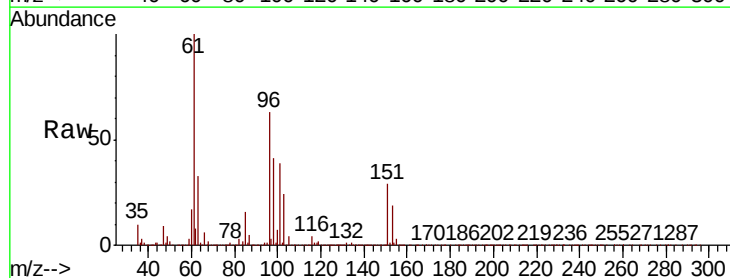
apatel
12/9/2019 9:07:57 AM

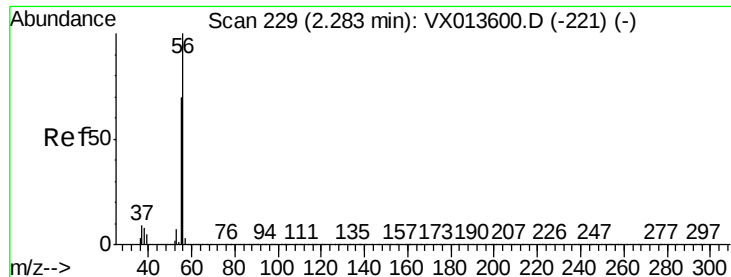


#12

1,1-Dichloroethene
Concen: 46.680 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	126.6	190.0
98	64.9	50.6	76.0





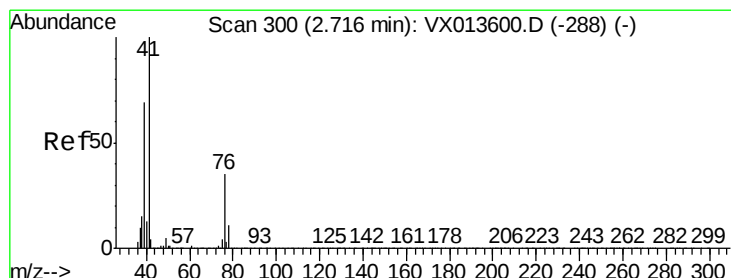
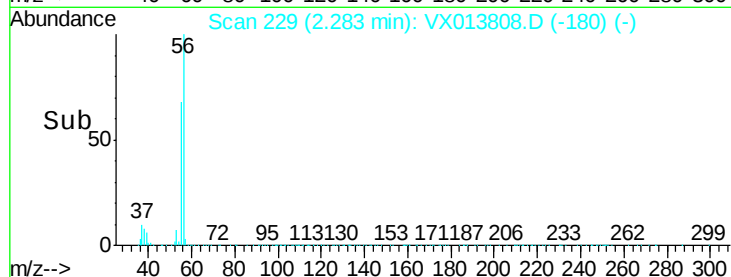
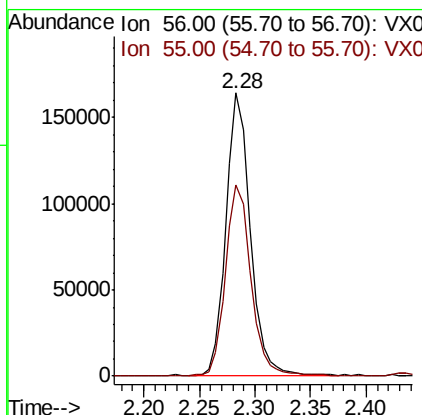
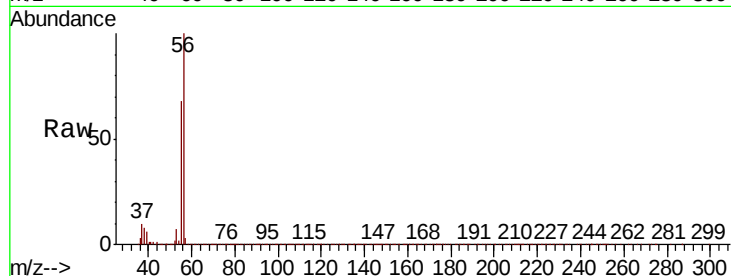
#13
Acrolein
Concen: 220.292 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.2	84.4

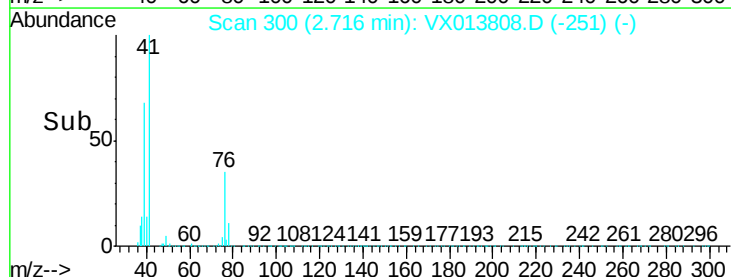
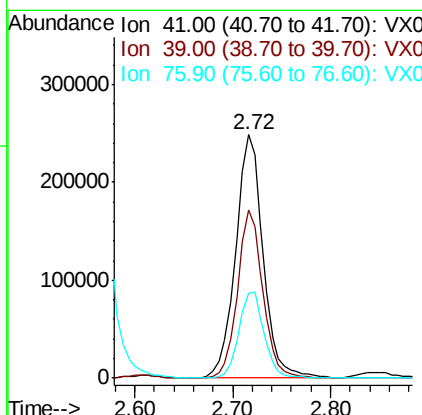
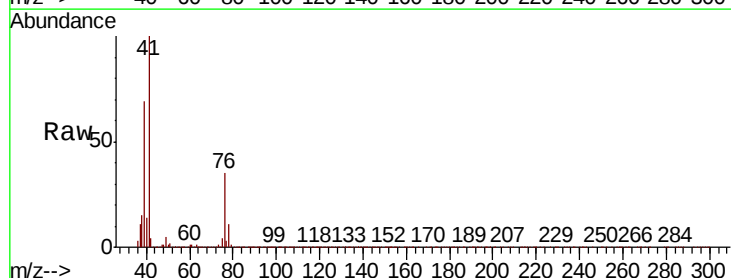
Manual Integrations
APPROVED

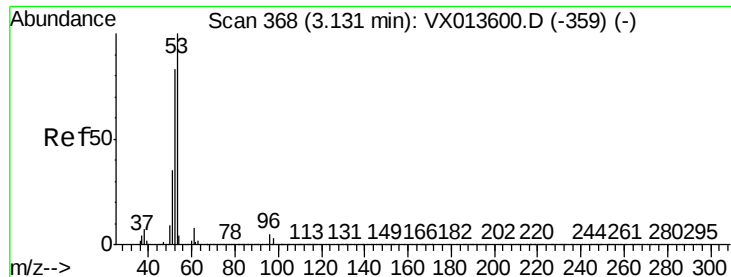
apatel
12/9/2019 9:07:57 AM



#14
Allyl chloride
Concen: 47.140 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.3	51.7	77.5
76	32.5	25.9	38.9





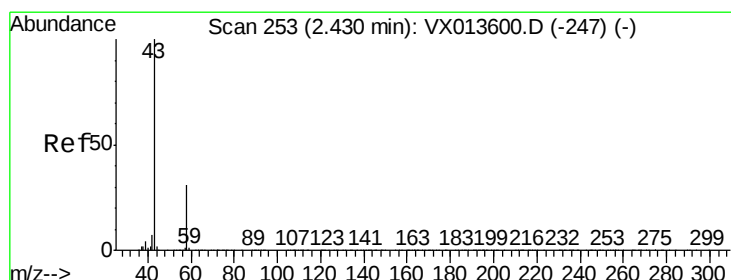
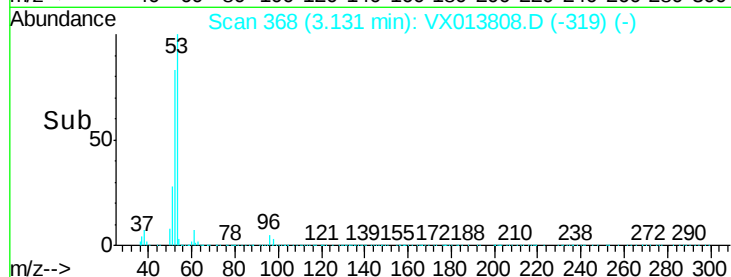
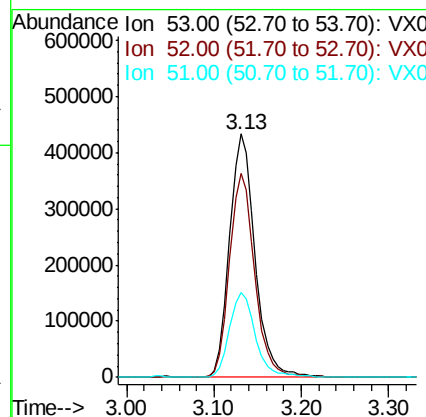
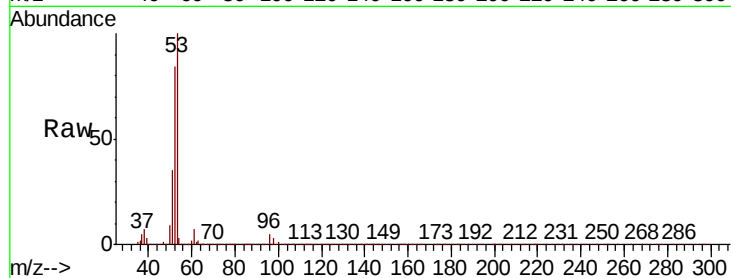
#15
 Acrylonitrile
 Concen: 250.207 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	82.6	66.2	99.2
51	51	35.6	29.0	43.6

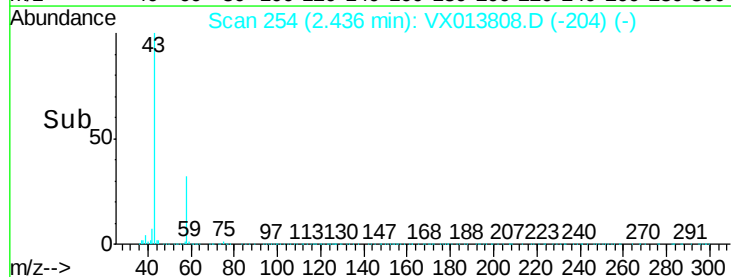
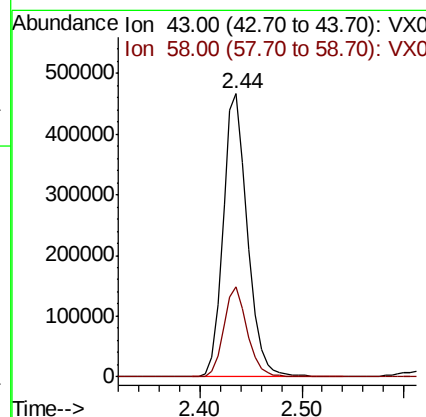
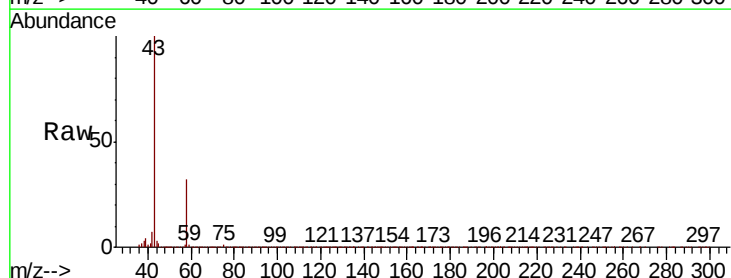
Manual Integrations
 APPROVED

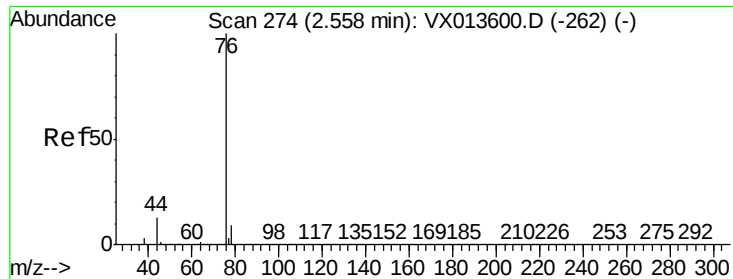
apatel
 12/9/2019 9:07:57 AM



#16
 Acetone
 Concen: 226.383 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	31.8	24.6	36.8





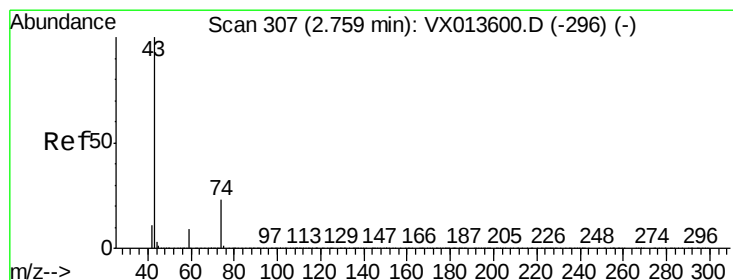
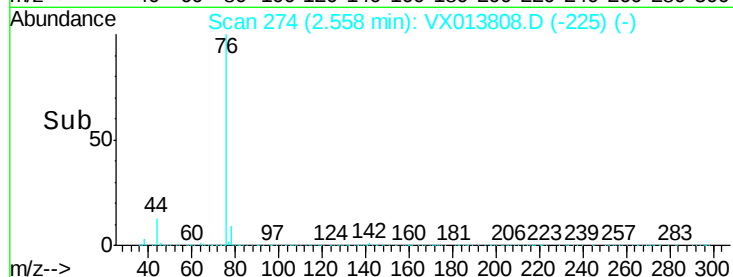
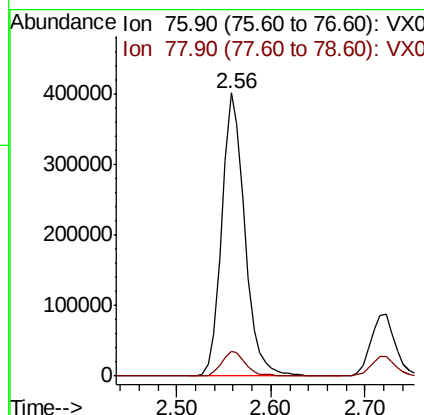
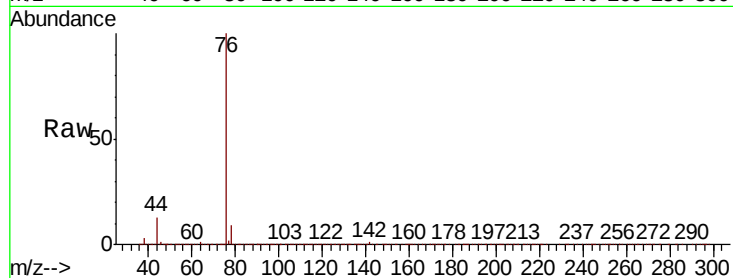
#17
Carbon Disulfide
Concen: 42.245 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

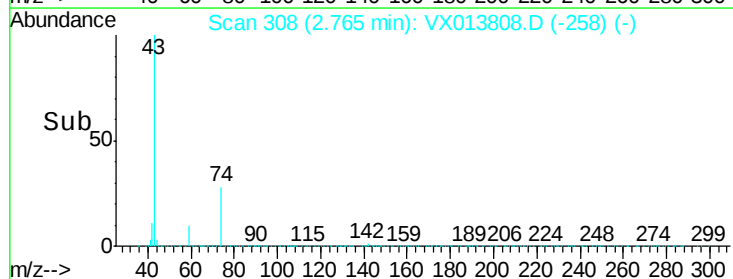
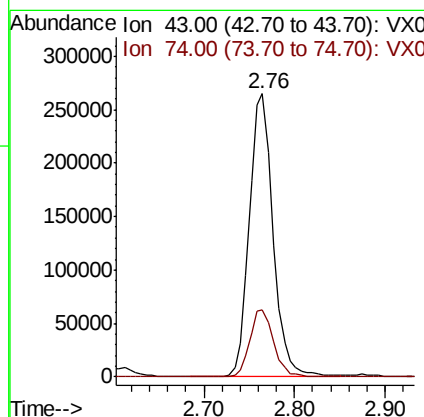
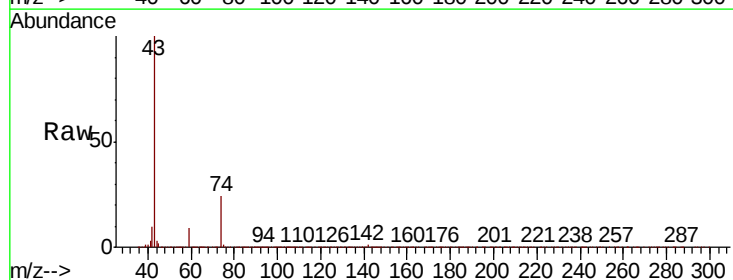
Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#18
Methyl Acetate
Concen: 50.501 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.5	29.3





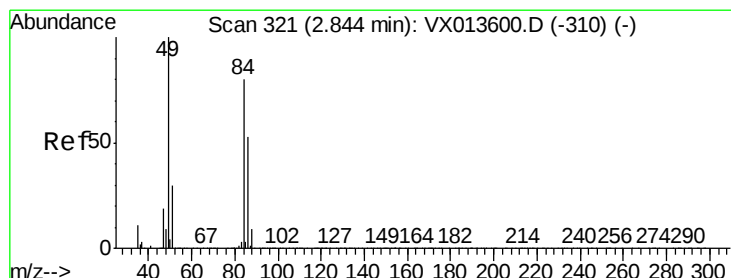
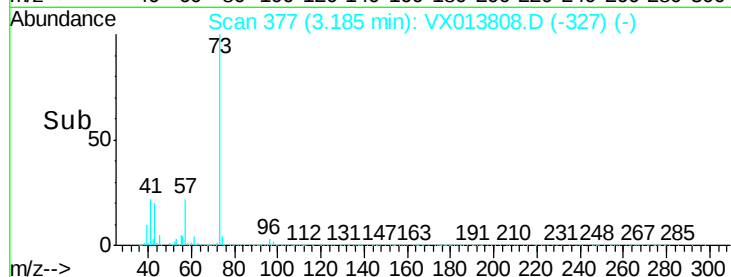
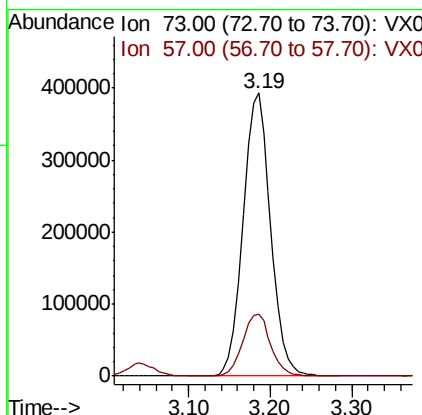
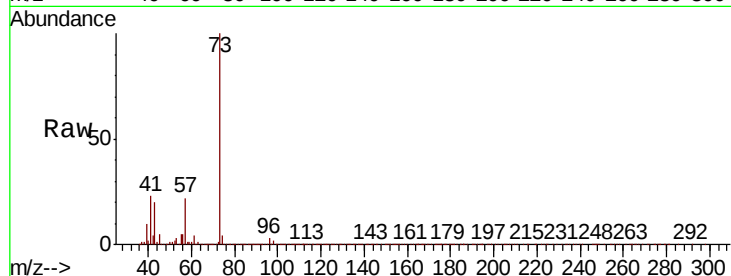
#19
Methvl tert-butvl Ether
Concen: 49.003 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.3	27.5

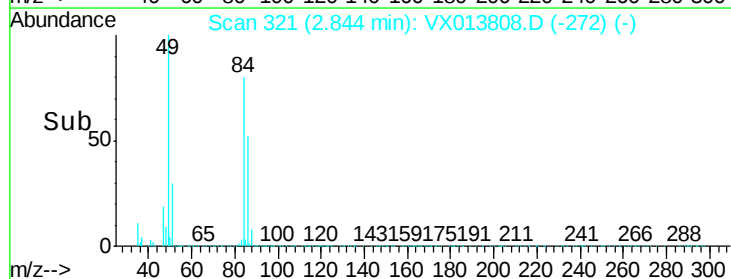
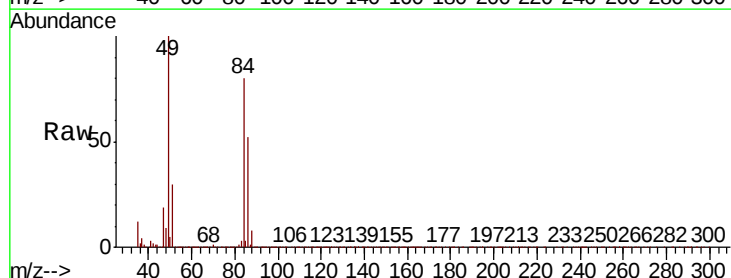
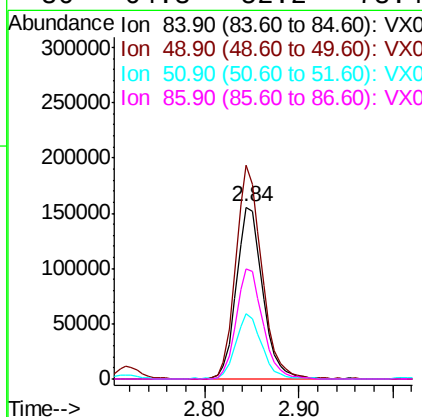
Manual Integrations
APPROVED

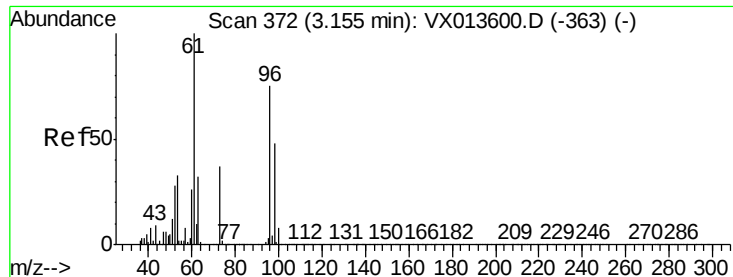
apatel
12/9/2019 9:07:57 AM



#20
Methylene Chloride
Concen: 46.445 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.2	99.7	149.5
51	37.6	29.9	44.9
86	64.3	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 46.510 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

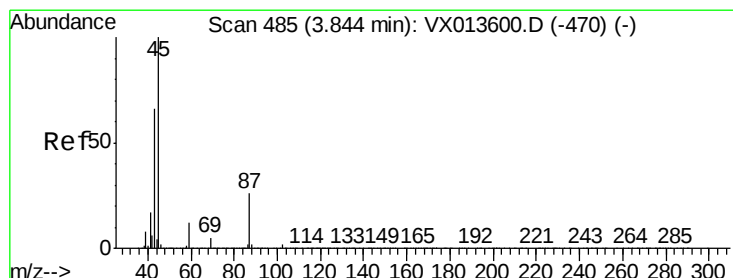
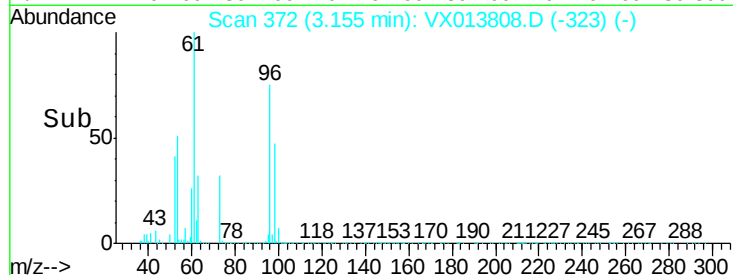
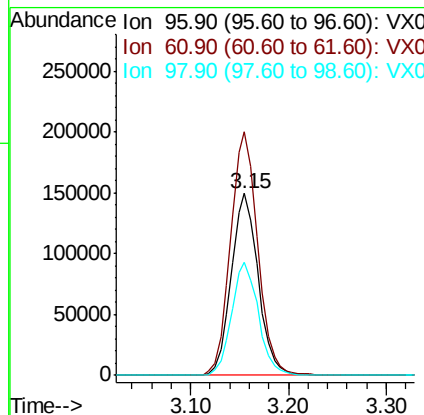
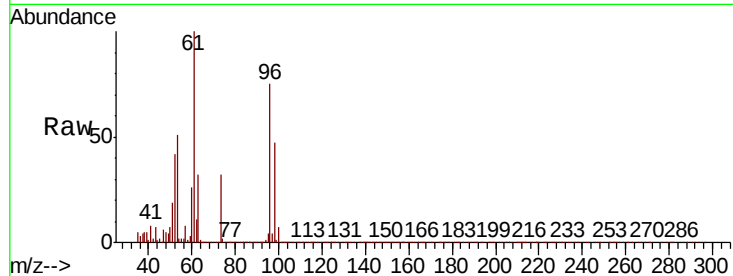
ClientSampleId :

RE134D1-20191202MS

Tot Ion:	96	Resp:	285731
Ion	Ratio	Lower	Upper
96	100		
61	133.6	107.2	160.8
98	62.2	51.4	77.0

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#22

Diisopropyl ether

Concen: 49.514 ug/l

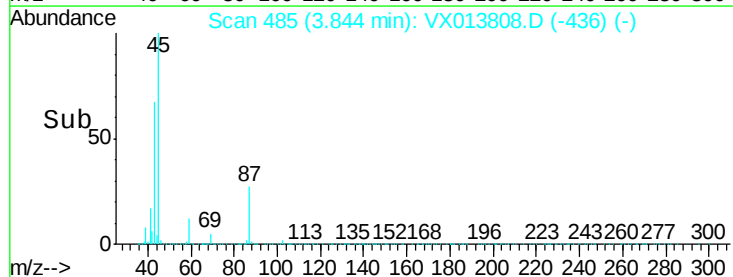
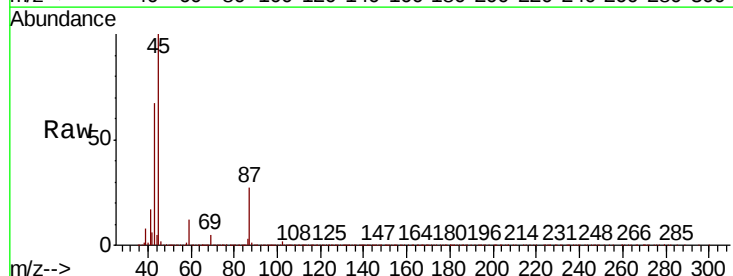
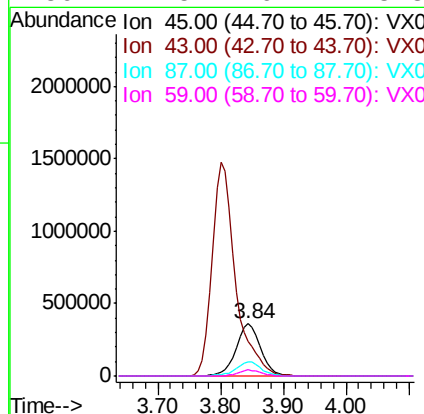
RT: 3.84 min Scan# 485

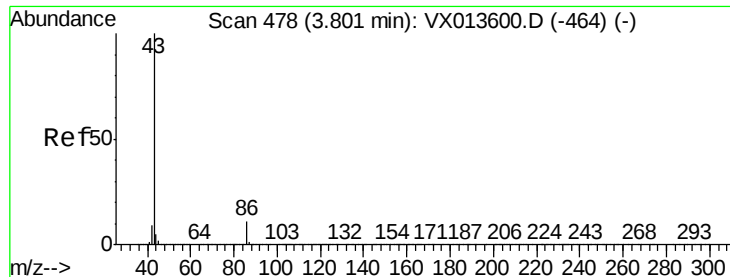
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion:	45	Resp:	975726
Ion	Ratio	Lower	Upper
45	100		
43	66.7	52.6	79.0
87	26.6	21.1	31.7
59	11.5	9.2	13.8





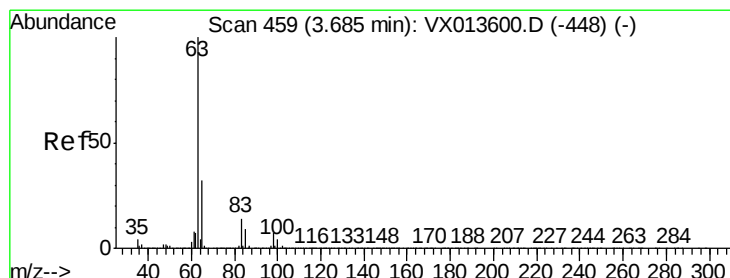
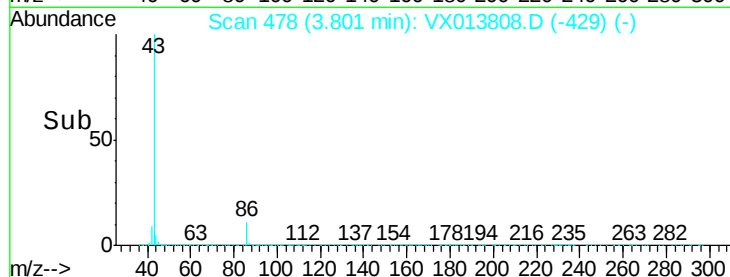
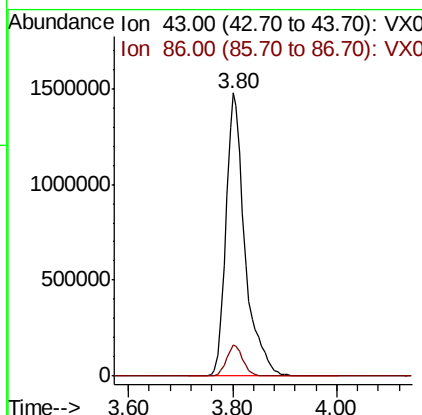
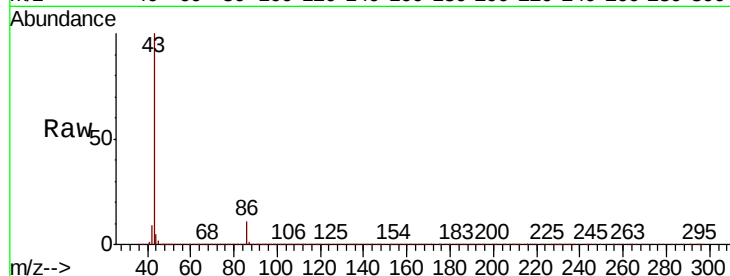
#23
 Vinyl Acetate
 Concen: 231.564 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion: 43 Resp: 3796126
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1

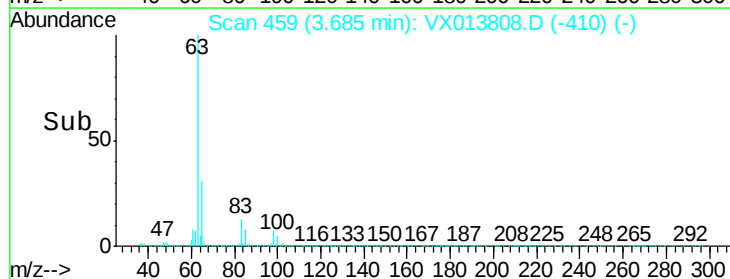
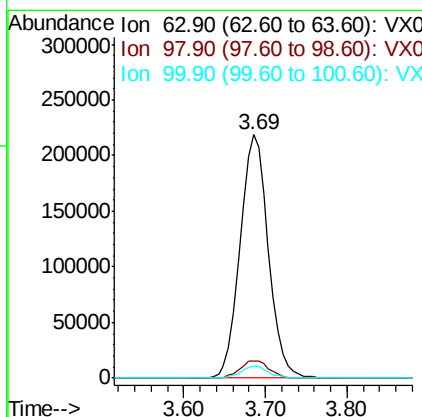
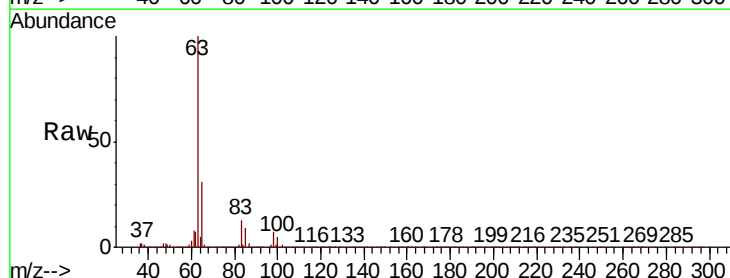
Manual Integrations
 APPROVED

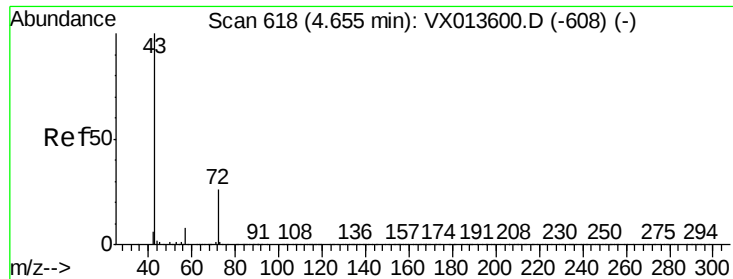
apatel
 12/9/2019 9:07:57 AM



#24
 1,1-Dichloroethane
 Concen: 48.666 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion: 63 Resp: 524256
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.9 2.1 6.3





#25

2-Butanone

Concen: 248.609 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 43 Resp: 1254753

Ion Ratio Lower Upper

43 100

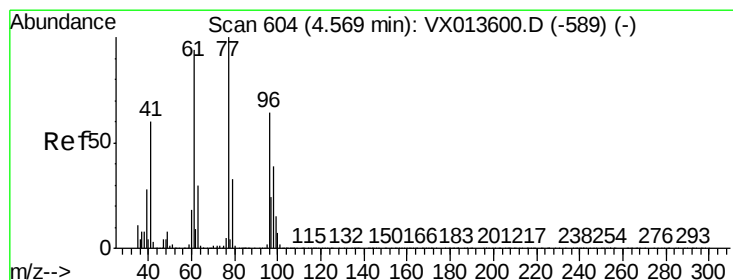
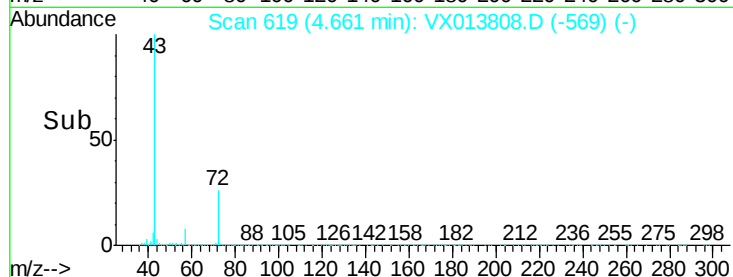
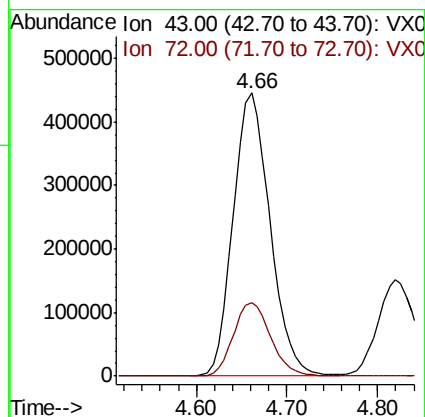
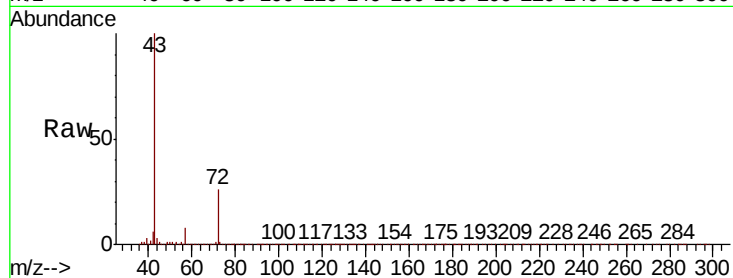
72 25.7 20.6 31.0

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



#26

2,2-Dichloropropane

Concen: 40.810 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013808.D

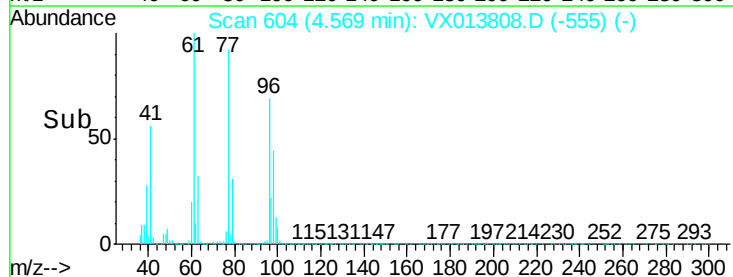
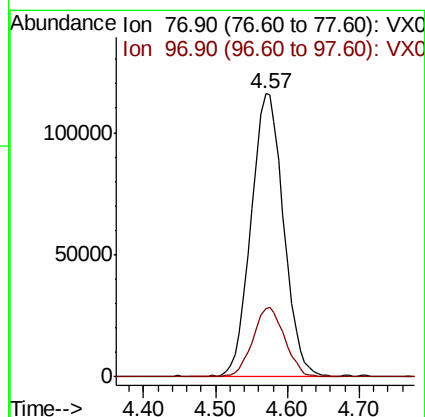
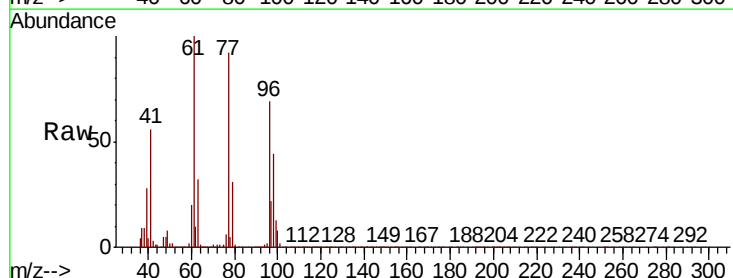
Acq: 06 Dec 2019 18:35

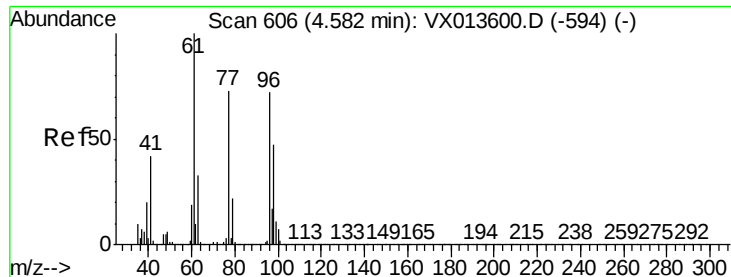
Tgt Ion: 77 Resp: 363735

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

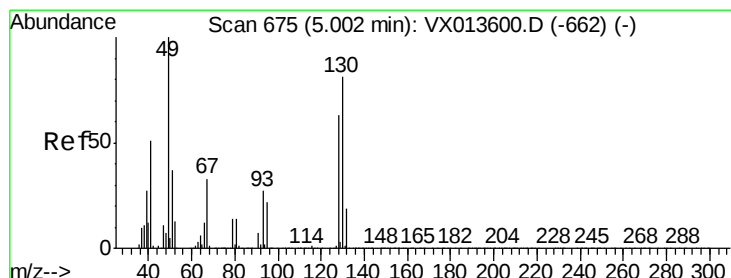
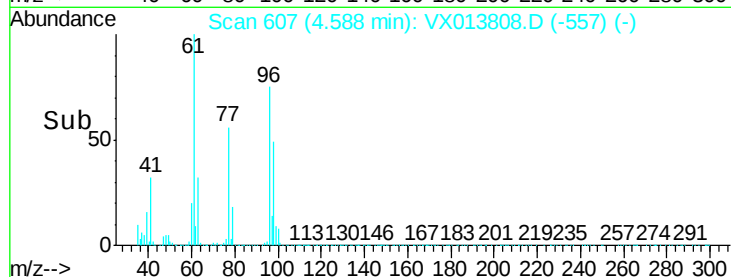
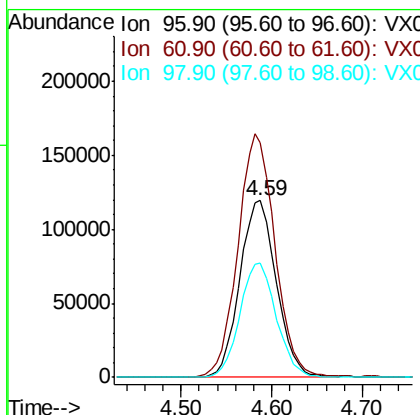
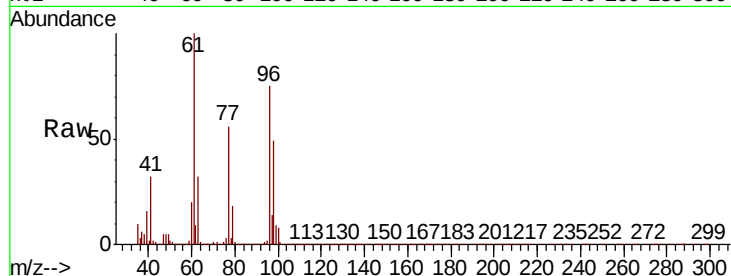
cis-1,2-Dichloroethene
Concen: 47.103 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	332321		
61	139.9	0.0	286.4	
98	64.5	0.0	127.4	

Manual Integrations
APPROVED

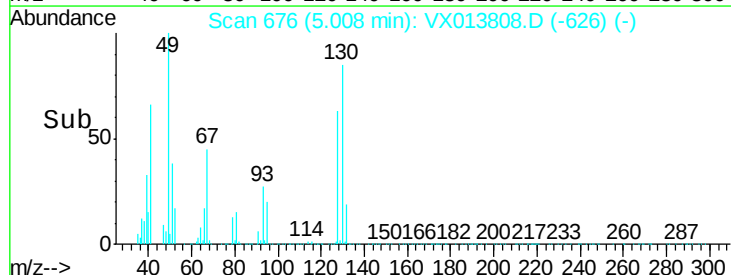
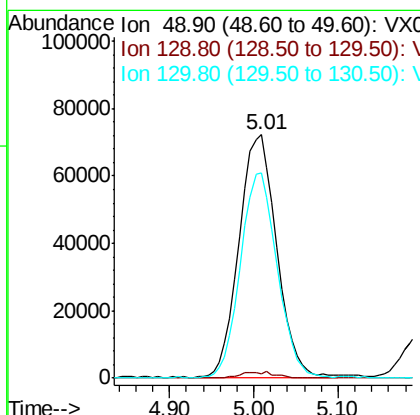
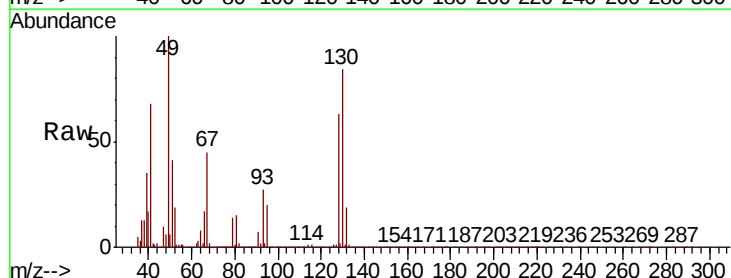
apatel
12/9/2019 9:07:57 AM

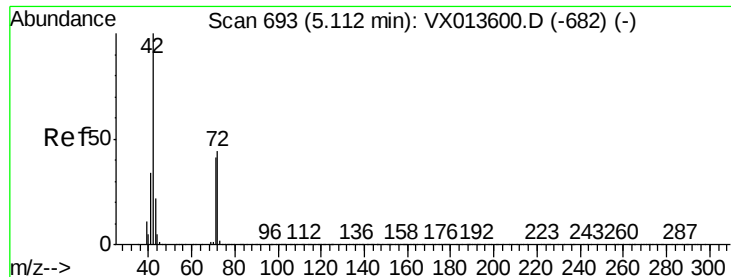


#28

Bromochloromethane
Concen: 51.161 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	217795		
129	2.4	0.0	5.0	
130	82.9	65.4	98.0	





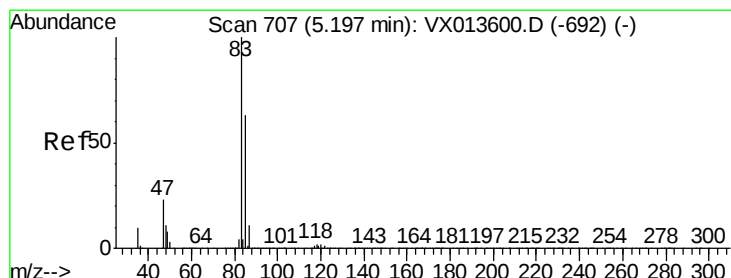
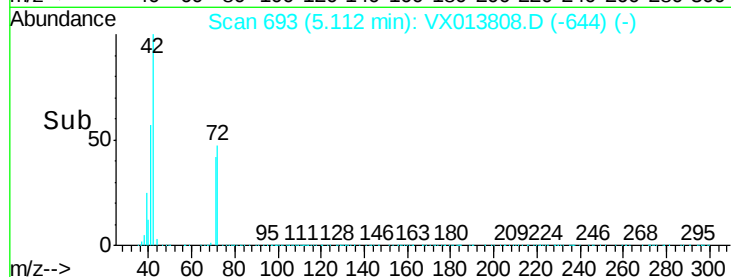
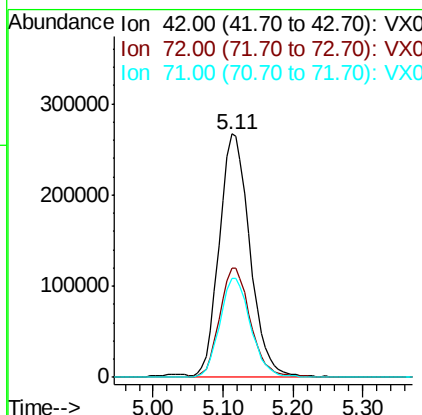
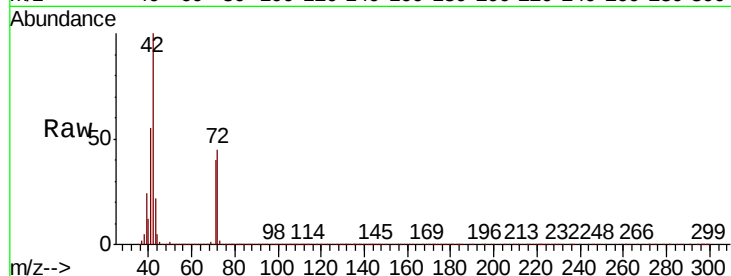
#29
Tetrahydrofuran
Concen: 260.029 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.3	54.5
71	40.9	33.2	49.8

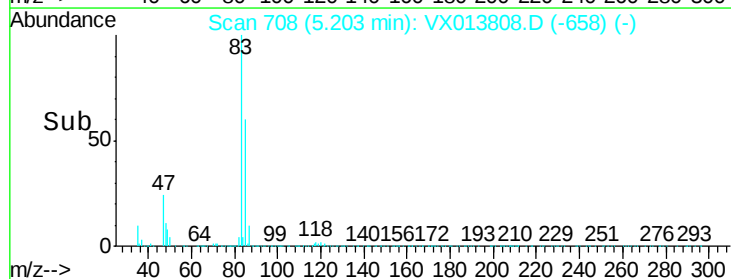
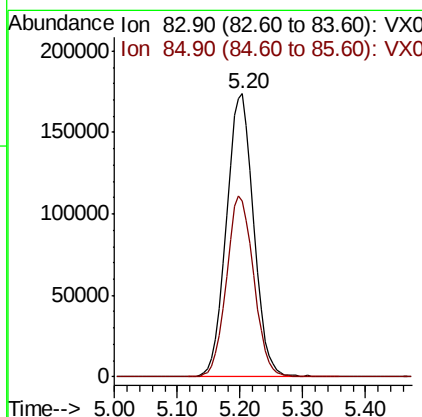
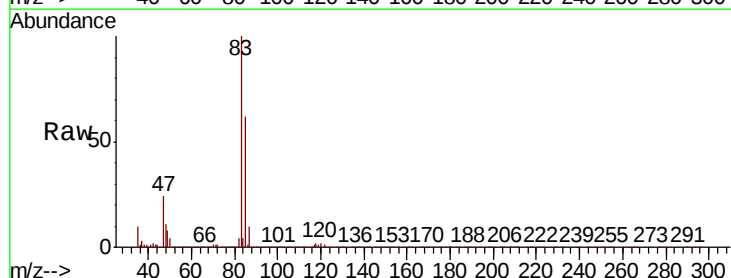
Manual Integrations
APPROVED

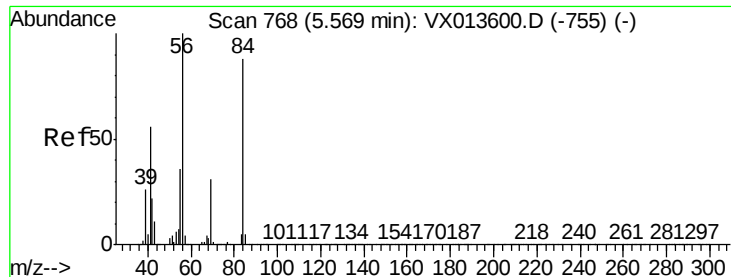
apatel
12/9/2019 9:07:57 AM



#30
Chloroform
Concen: 47.625 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.2	75.4





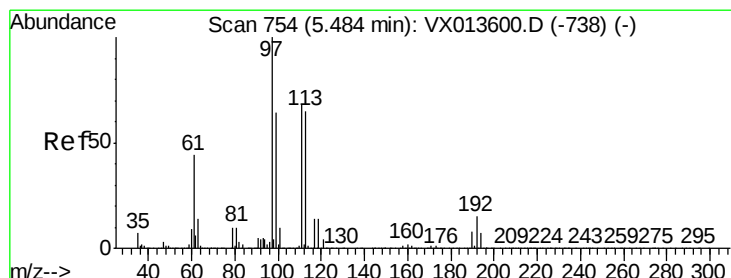
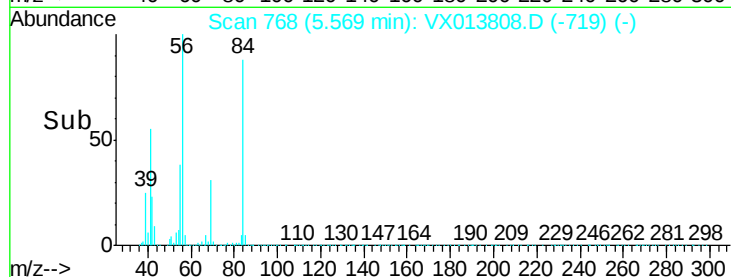
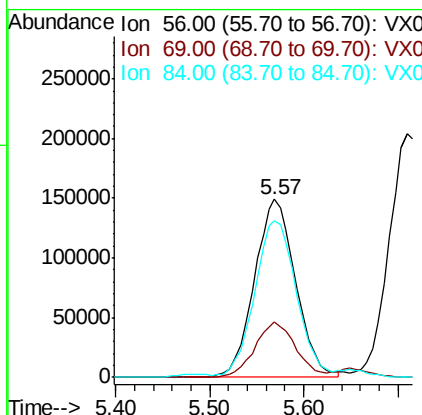
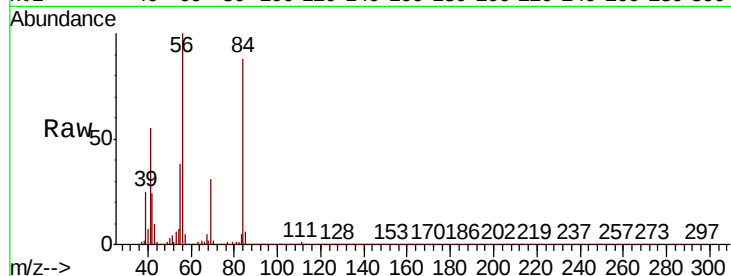
#31
Cyclohexane
Concen: 44.722 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	86.9	70.0	105.0

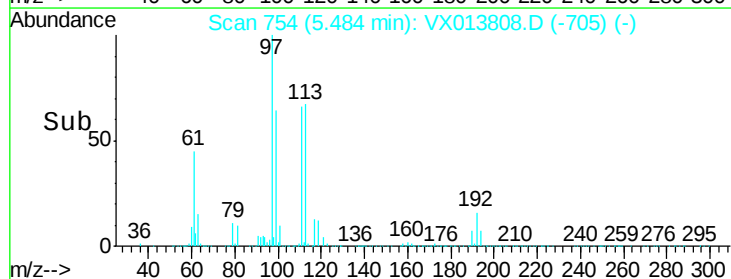
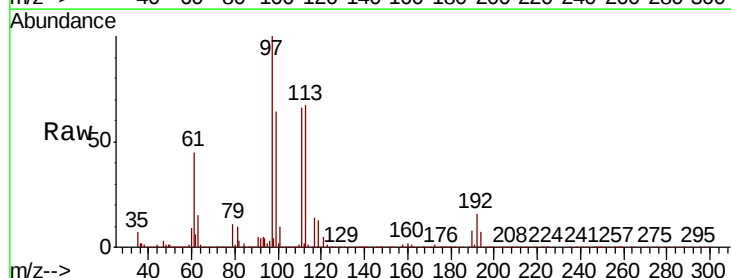
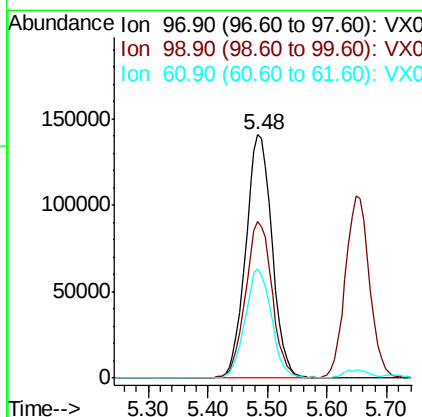
Manual Integrations
APPROVED

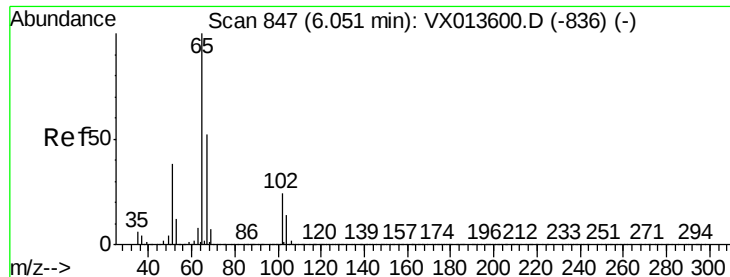
apatel
12/9/2019 9:07:57 AM



#32
1,1,1-Trichloroethane
Concen: 47.199 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	44.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.690 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 65 Resp: 314279

Ion Ratio Lower Upper

65 100

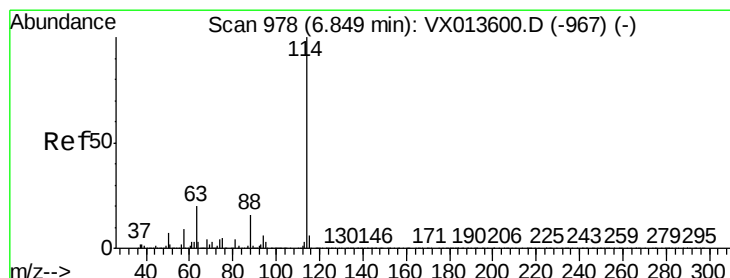
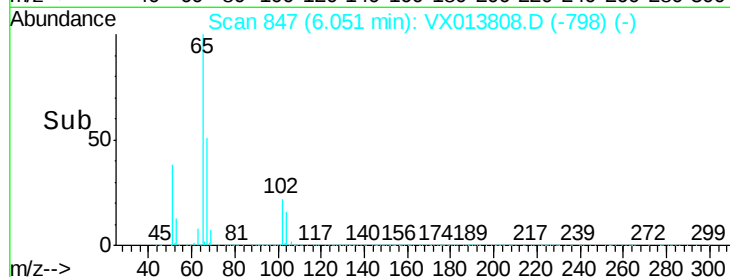
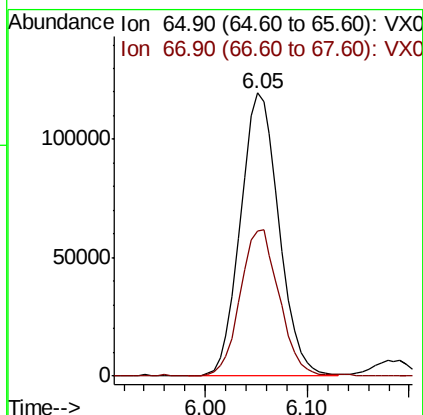
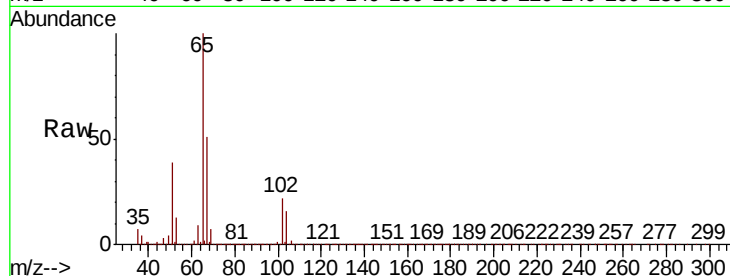
67 52.3 0.0 104.4

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

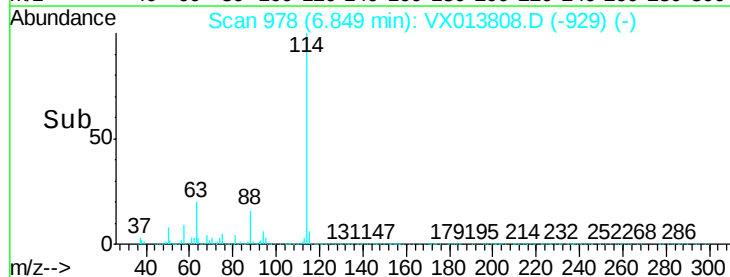
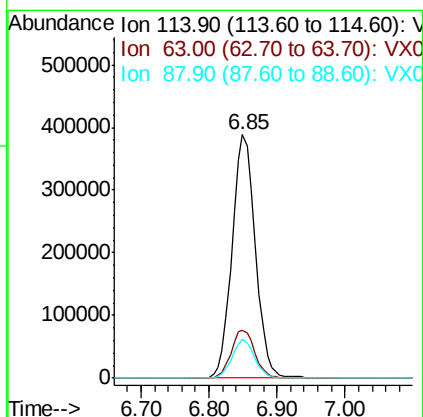
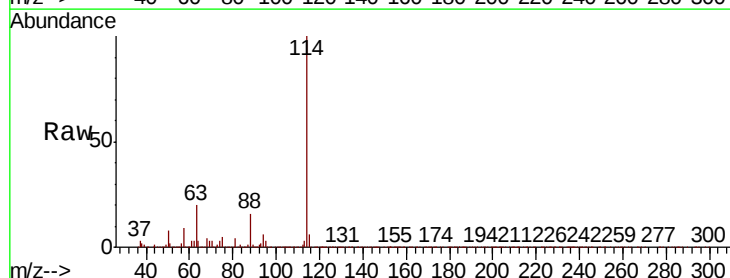
Tgt Ion: 114 Resp: 922715

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.284 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

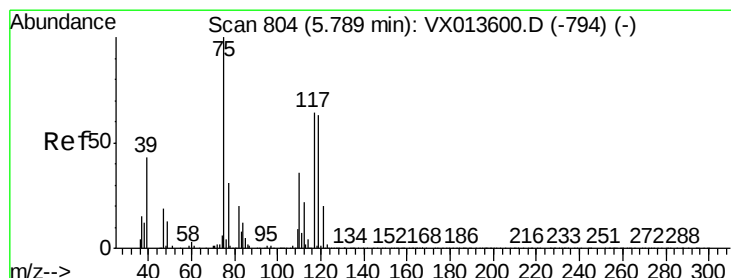
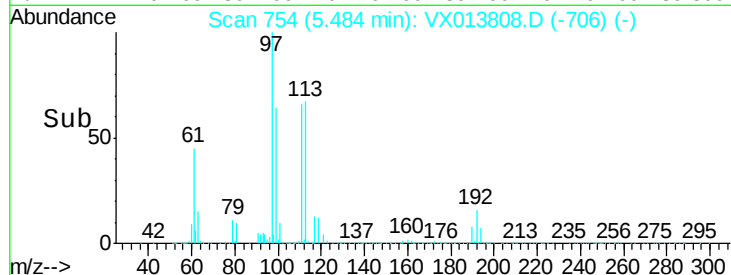
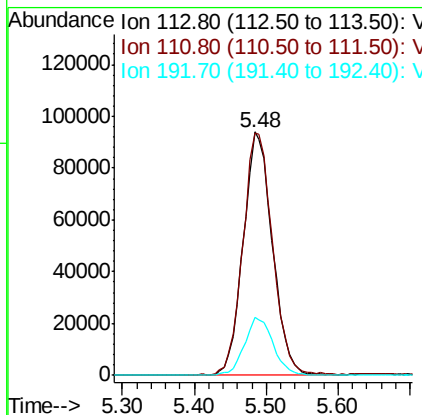
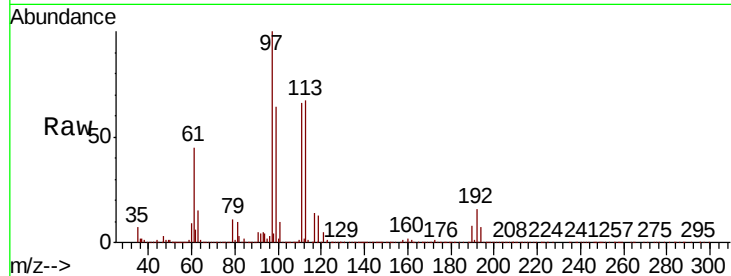
ClientSampleId :

RE134D1-20191202MS

Tot Ion:	113	Resp:	264018
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.6	125.4
192	23.5	19.2	28.8

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#36

1,1-Dichloropropene

Concen: 45.571 ug/l

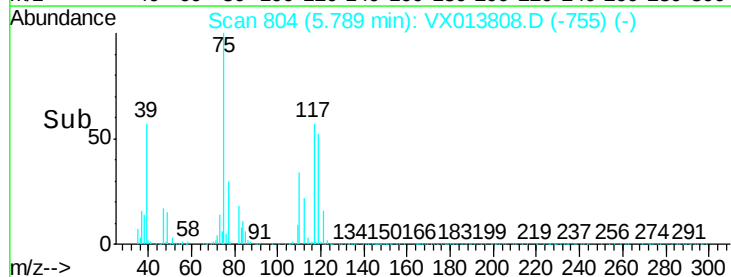
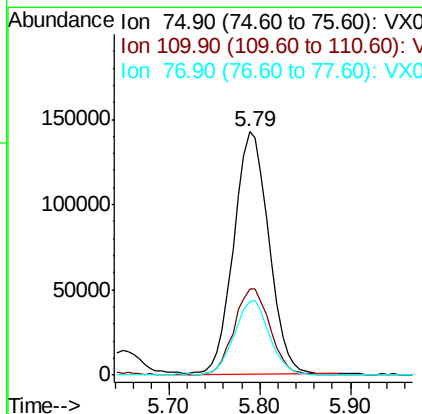
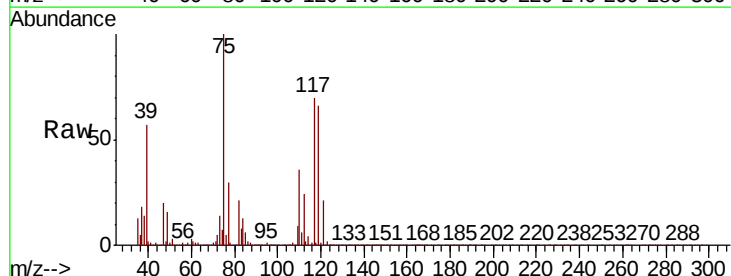
RT: 5.79 min Scan# 804

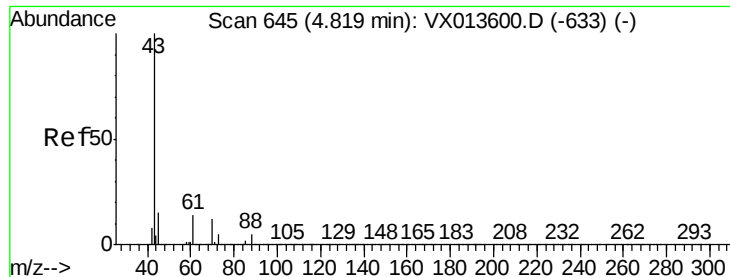
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion:	75	Resp:	381700
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.1
77	30.4	24.5	36.7





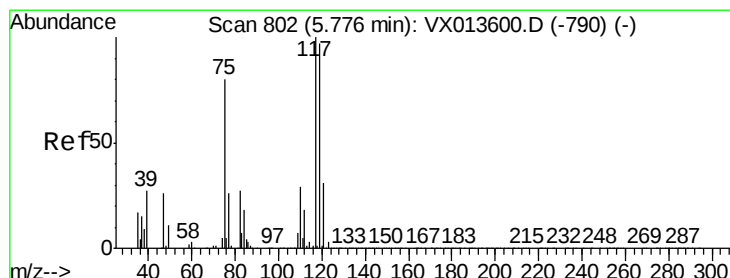
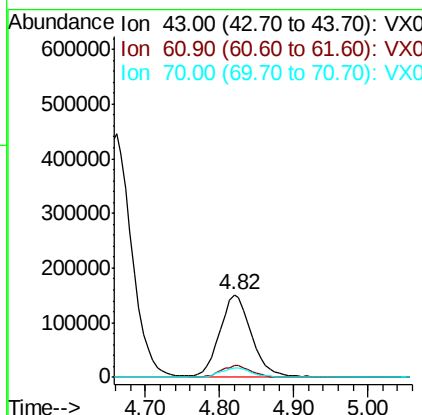
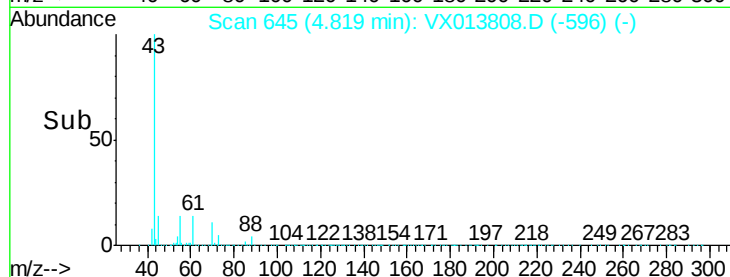
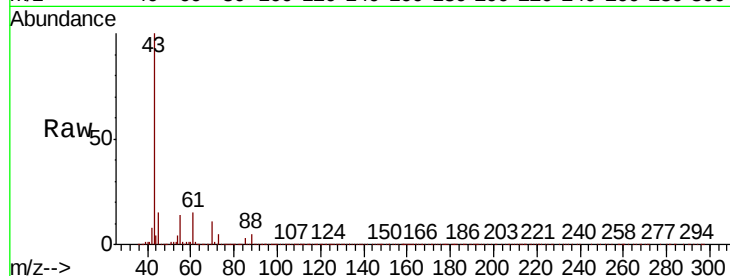
#37
Ethyl Acetate
Concen: 47.276 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	11.0	8.6	12.8

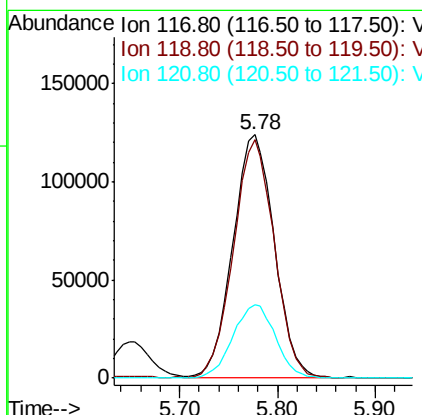
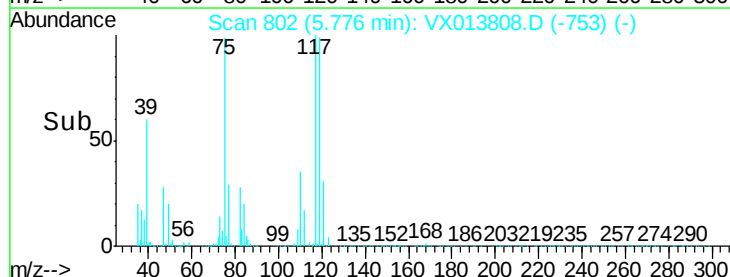
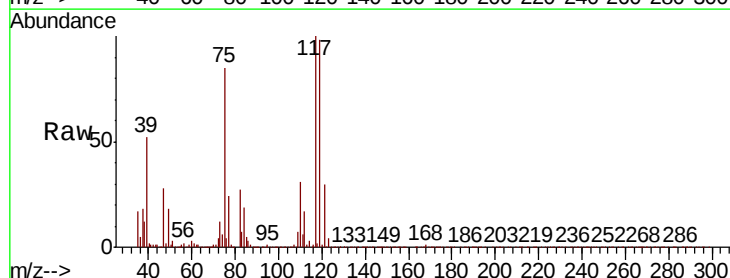
Manual Integrations
APPROVED

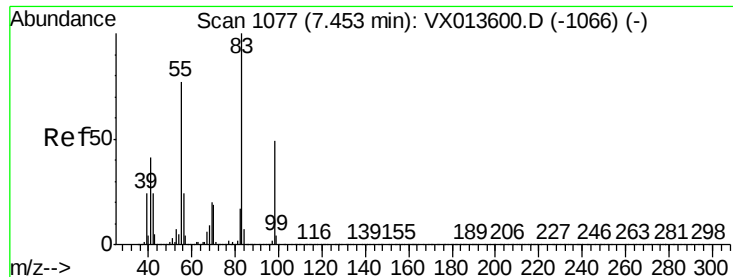
apatel
12/9/2019 9:07:57 AM



#38
Carbon Tetrachloride
Concen: 47.133 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.5	116.3
121	30.2	25.0	37.6





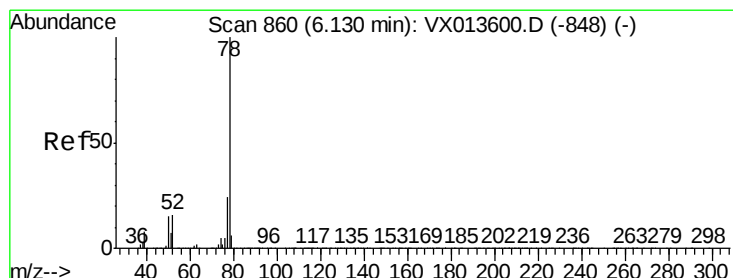
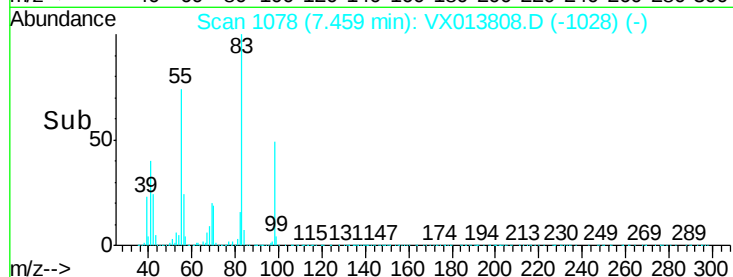
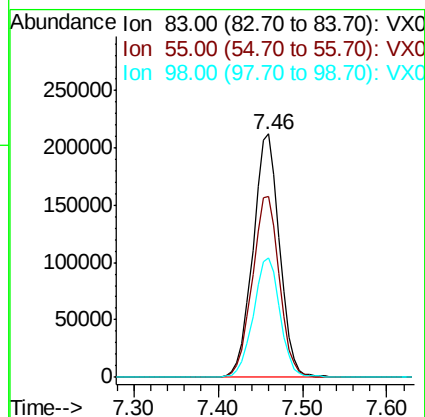
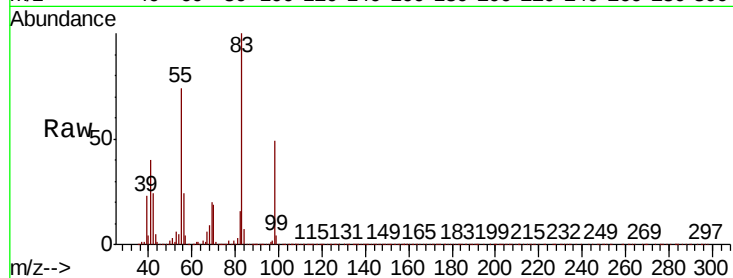
#39
Methvlcvclohexane
Concen: 44.120 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	61.9	92.9
98	48.8	39.4	59.0

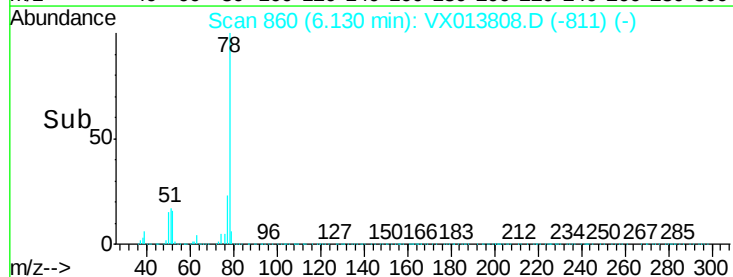
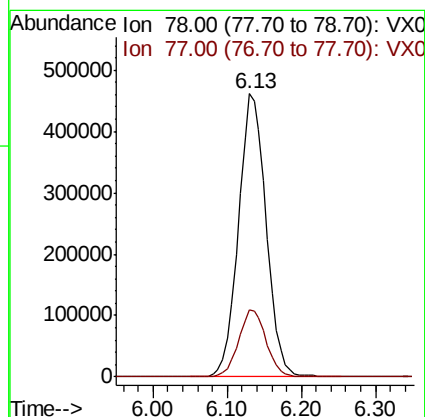
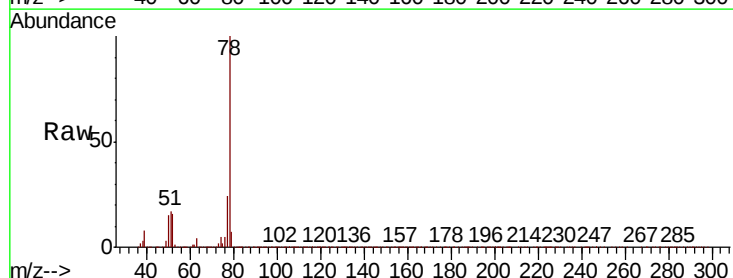
Manual Integrations
APPROVED

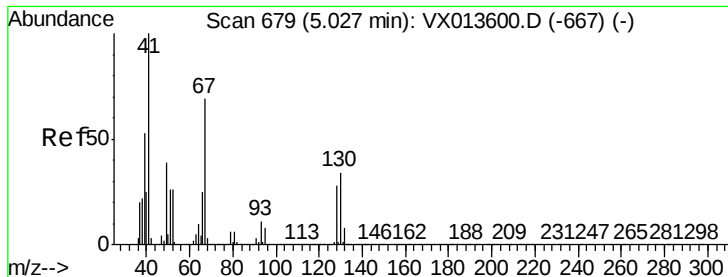
apatel
12/9/2019 9:07:57 AM



#40
Benzene
Concen: 47.003 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





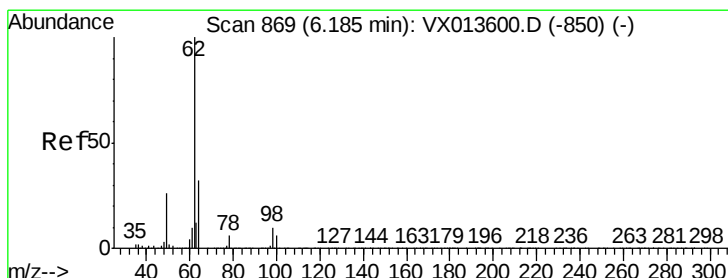
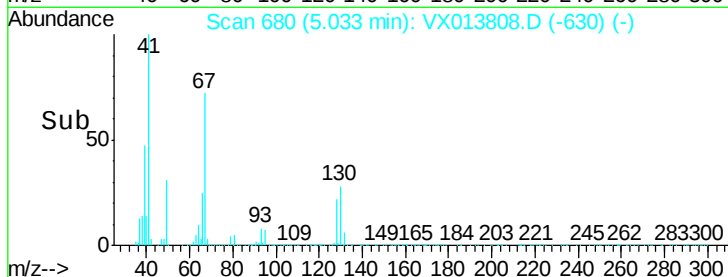
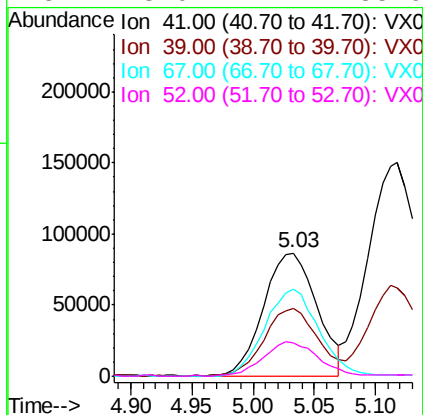
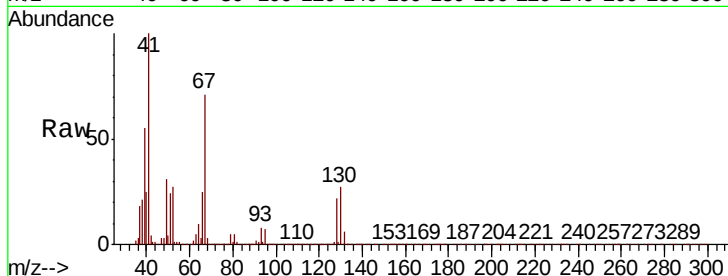
#41
Methacrylonitrile
Concen: 51.024 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	42.9	64.3	
67	71.9	57.4	86.0	
52	28.0	22.4	33.6	

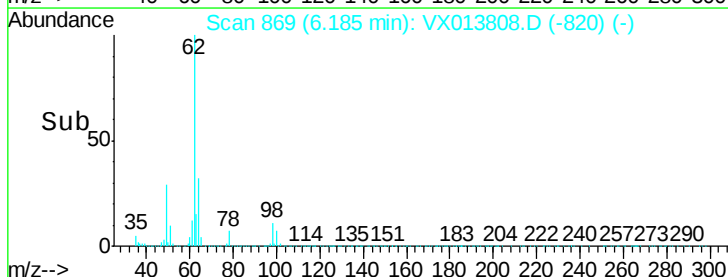
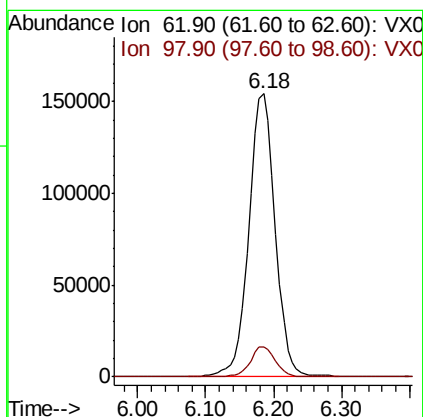
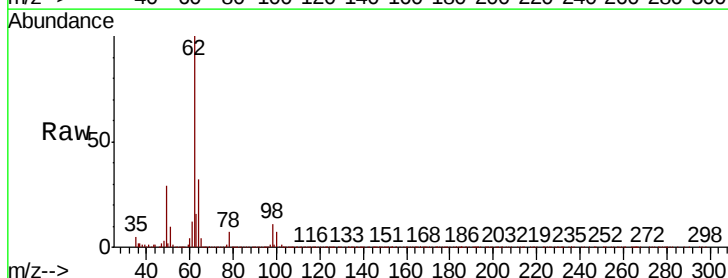
Manual Integrations
APPROVED

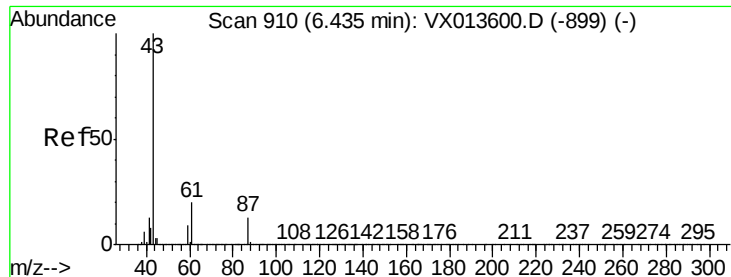
apatel
12/9/2019 9:07:57 AM



#42
1,2-Dichloroethane
Concen: 47.689 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.8	





#43

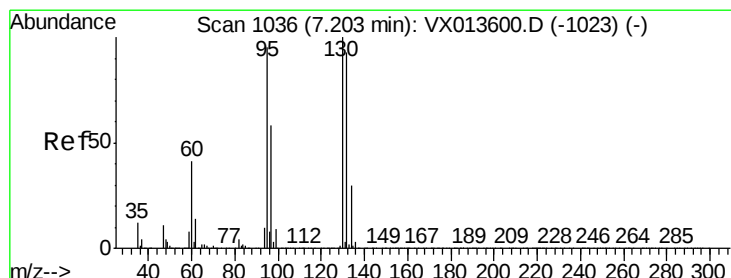
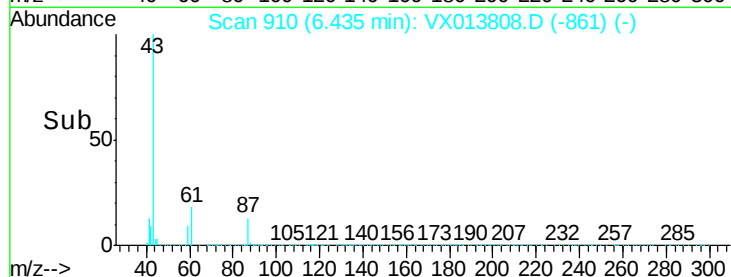
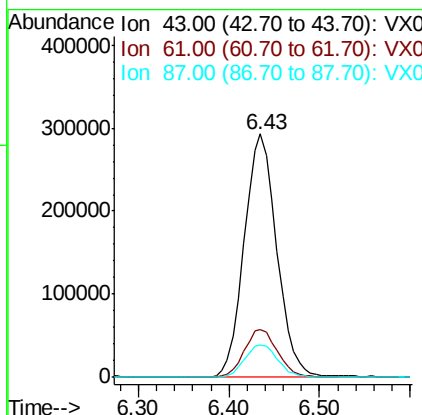
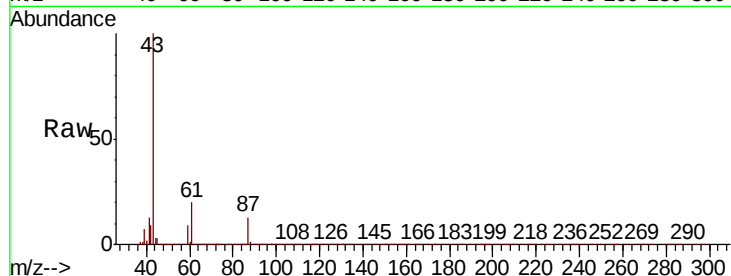
Isopropyl Acetate
 Concen: 46.853 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

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

Manual Integrations
 APPROVED

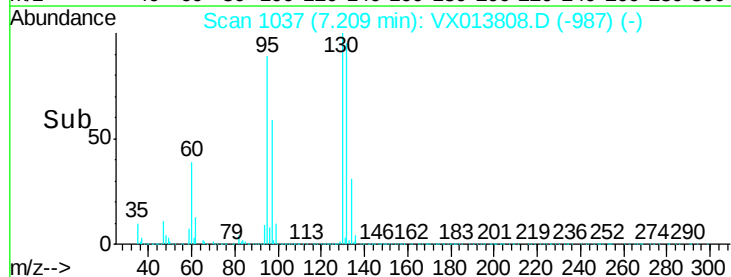
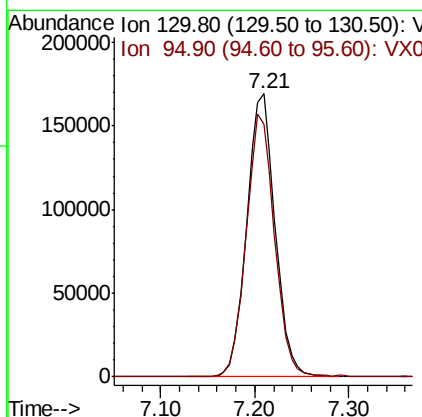
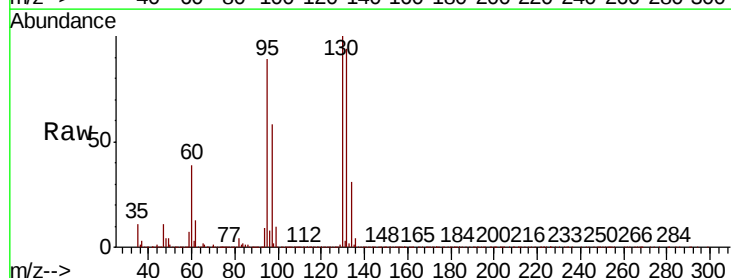
apatel
 12/9/2019 9:07:57 AM



#44

Trichloroethene
 Concen: 51.060 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	190.8





#45

1,2-Dichloropropane

Concen: 48.832 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 63 Resp: 311674

Ion Ratio Lower Upper

63 100

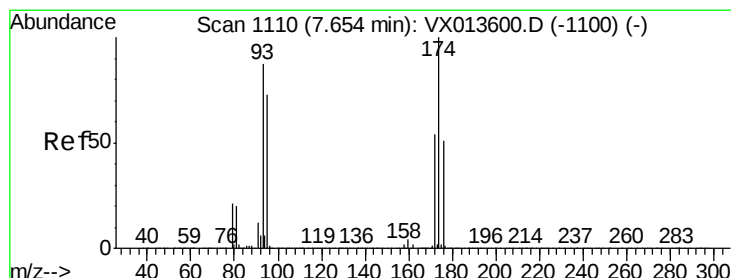
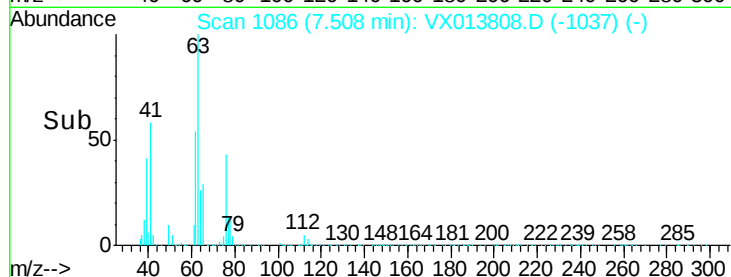
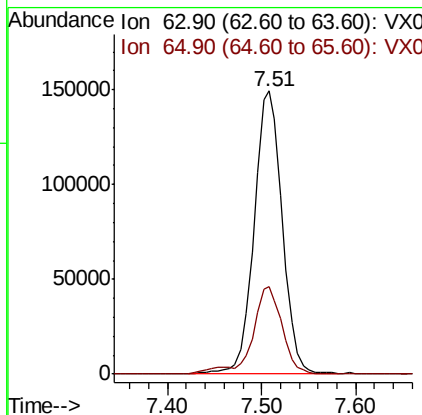
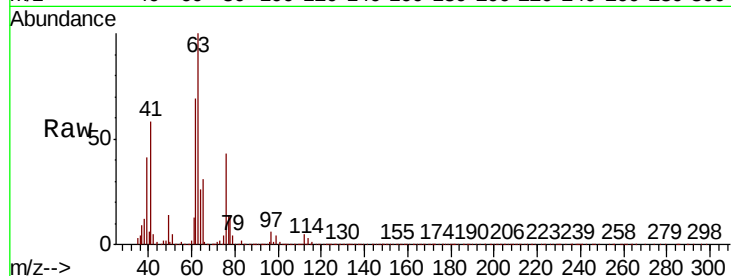
65 30.7 25.5 38.3

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



#46

Dibromomethane

Concen: 47.167 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

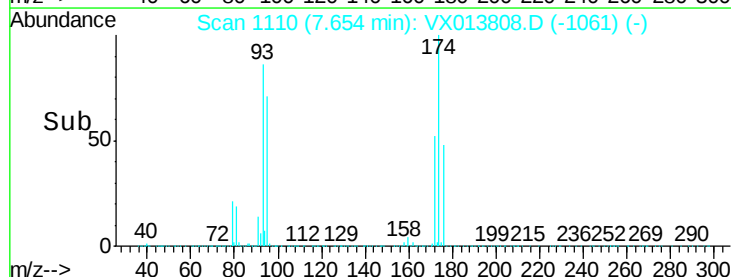
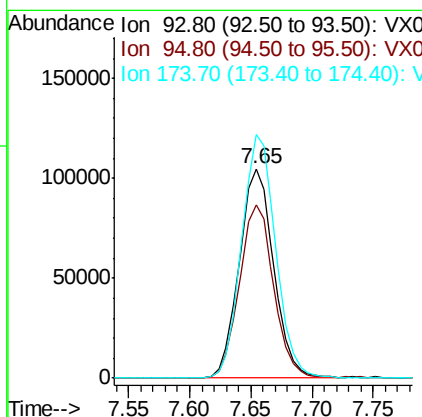
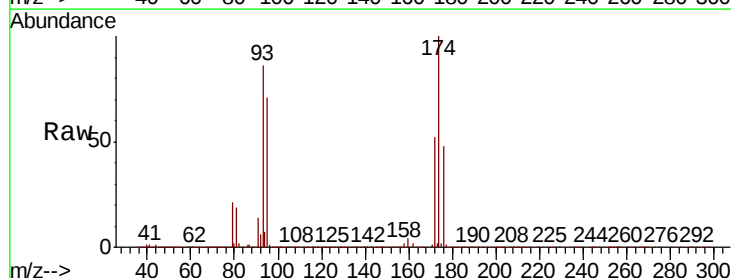
Tgt Ion: 93 Resp: 204464

Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

174 115.6 93.4 140.0





#47

Bromodichloromethane

Concen: 48.717 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

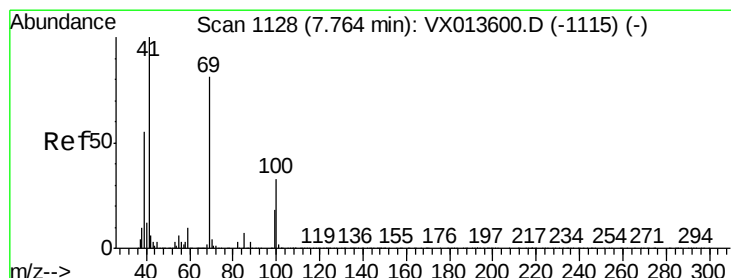
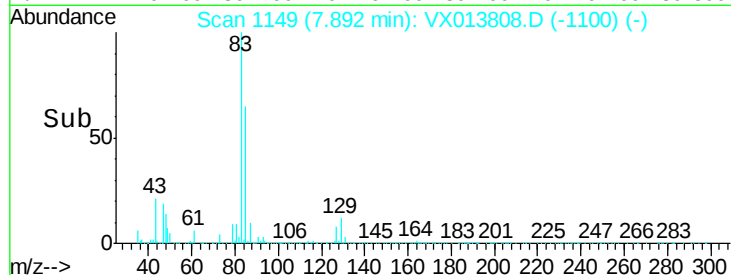
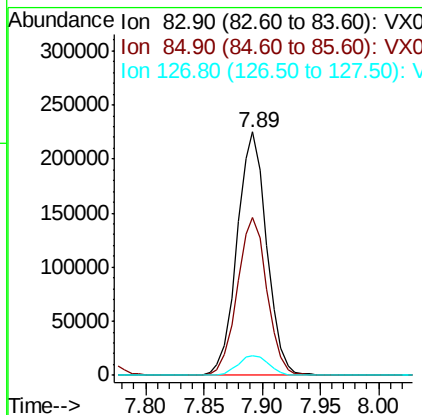
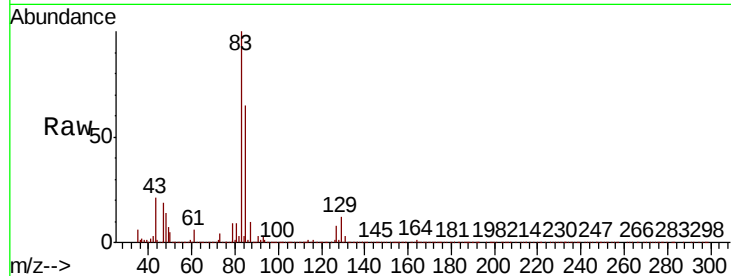
ClientSampleId :

RE134D1-20191202MS

Tot Ion:	83	Resp:	399238
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.1	78.1
127	8.2	7.0	10.4

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#48

Methyl methacrylate

Concen: 50.032 ug/l

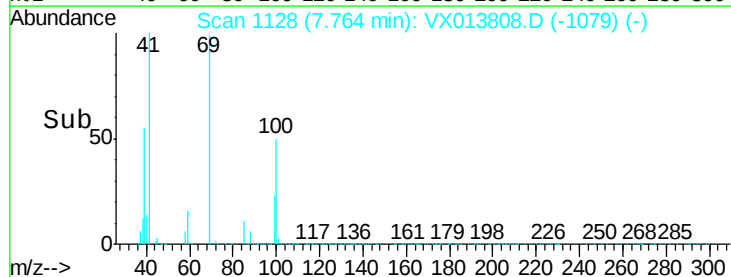
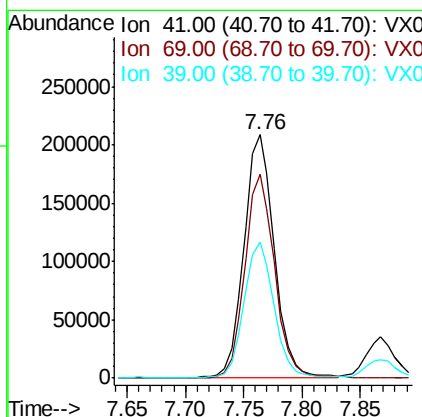
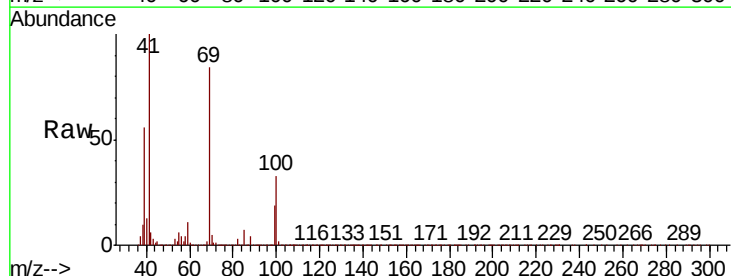
RT: 7.76 min Scan# 1128

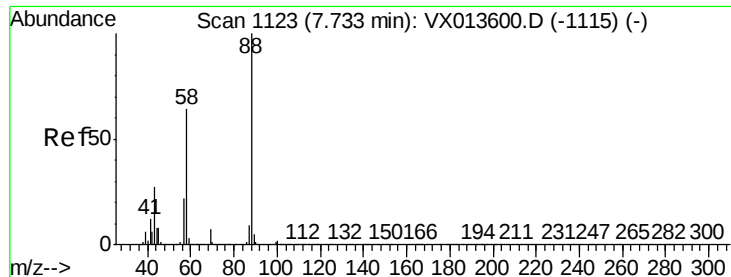
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion:	41	Resp:	376056
Ion Ratio	Lower	Upper	
41	100		
69	82.8	64.7	97.1
39	55.5	43.8	65.6





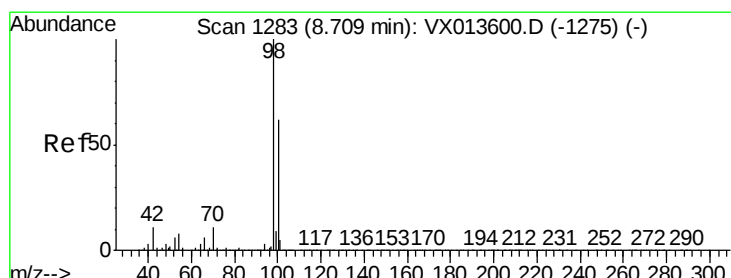
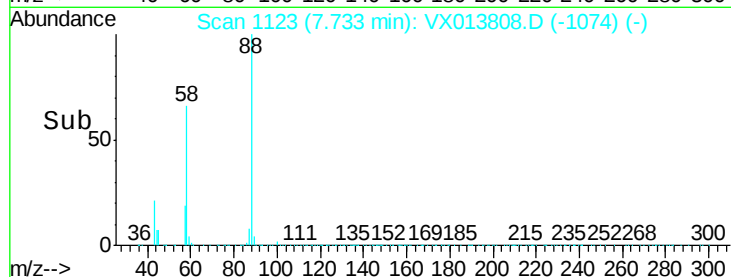
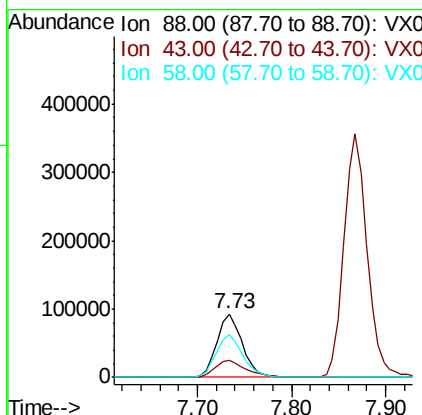
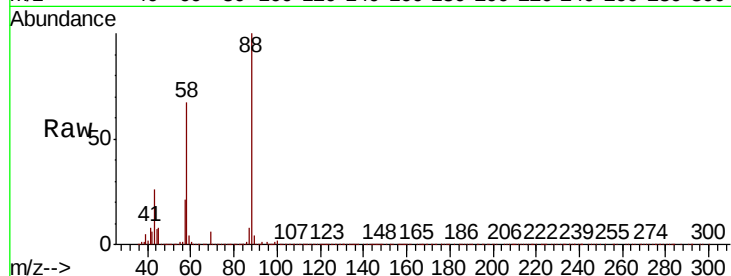
#49
1,4-Dioxane
Concen: 1025.935 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.8	38.6
58	70.5	54.6	82.0

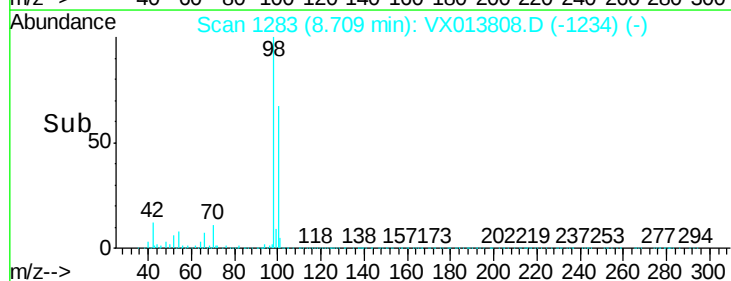
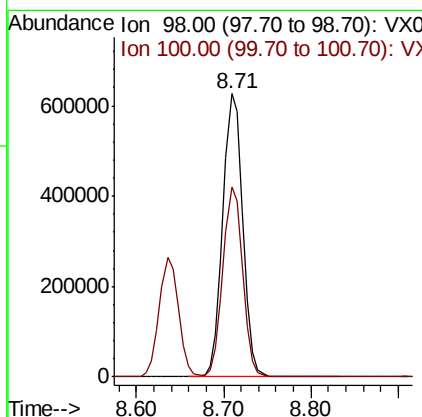
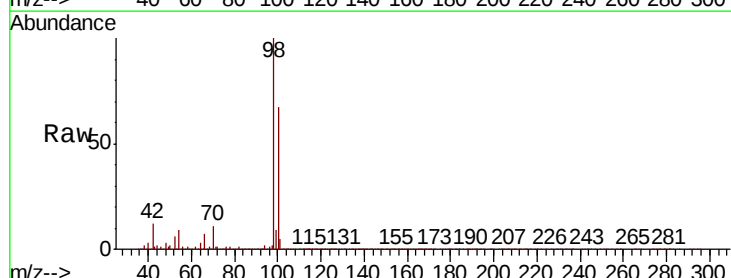
Manual Integrations
APPROVED

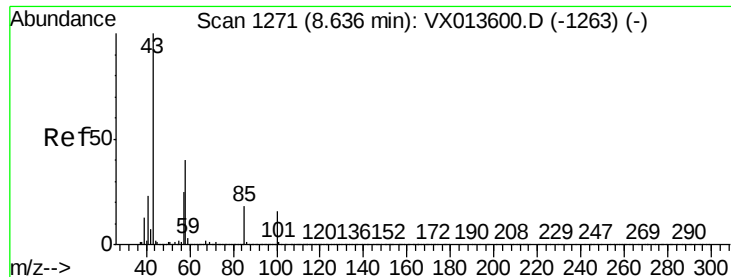
apatel
12/9/2019 9:07:57 AM



#50
Toluene-d8
Concen: 44.336 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7





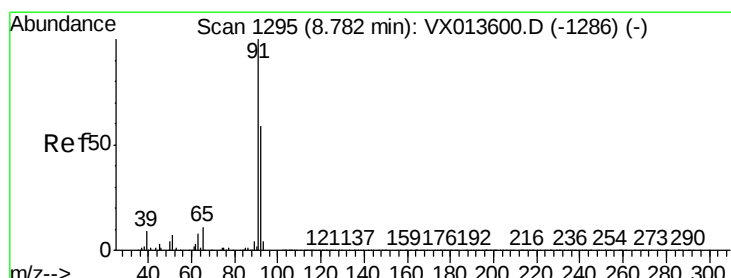
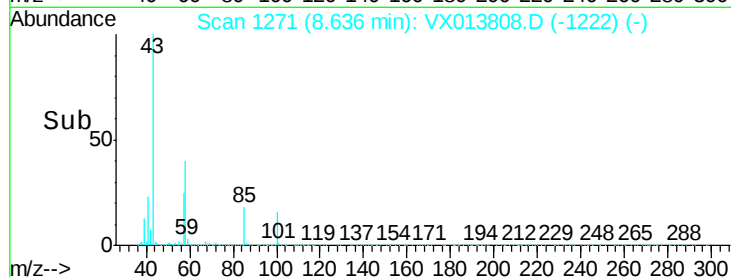
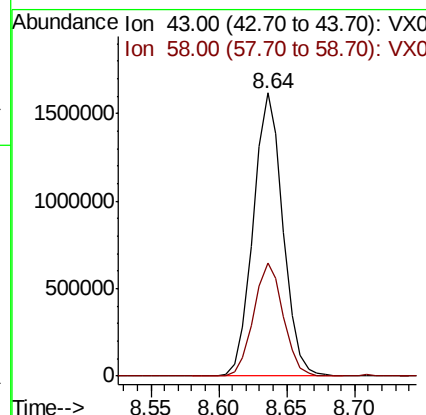
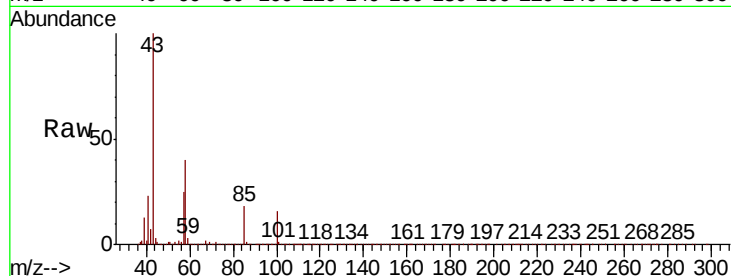
#51
4-Methyl-2-Pentanone
Concen: 254.745 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion: 43 Resp: 2478868
Ion Ratio Lower Upper
43 100
58 40.0 32.1 48.1

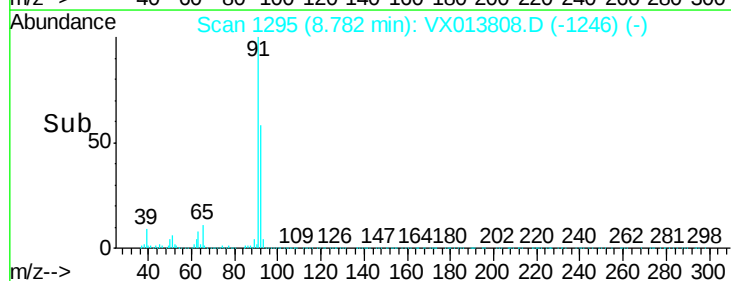
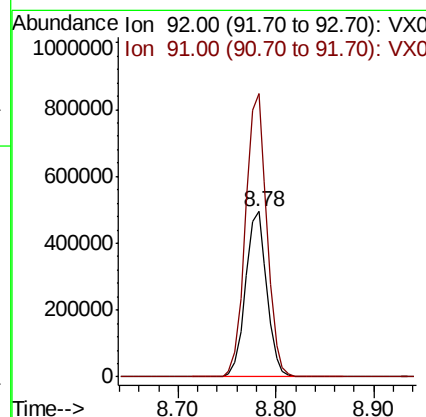
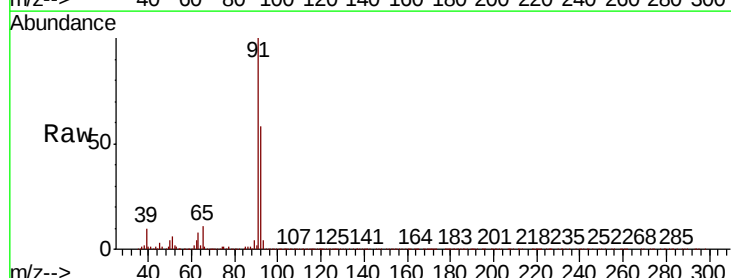
Manual Integrations
APPROVED

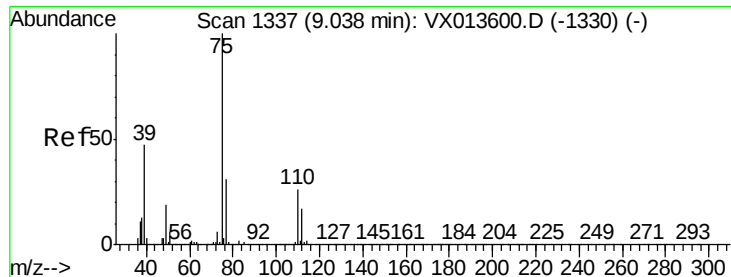
apatel
12/9/2019 9:07:57 AM



#52
Toluene
Concen: 46.953 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 92 Resp: 744117
Ion Ratio Lower Upper
92 100
91 171.8 136.2 204.2





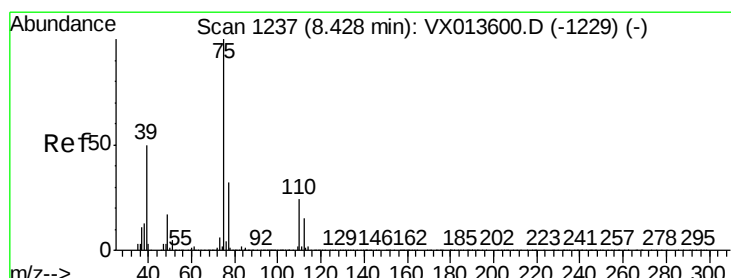
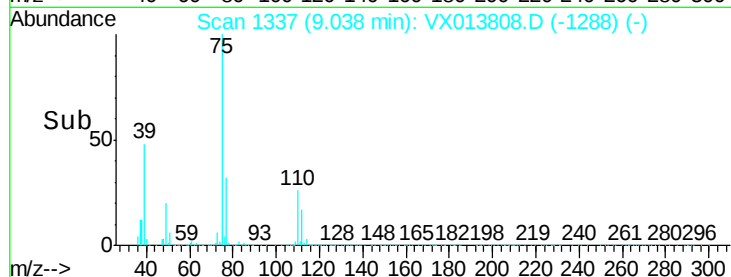
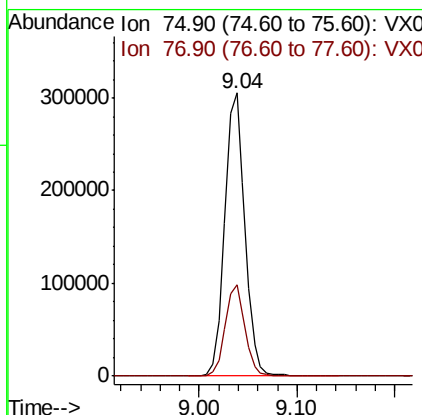
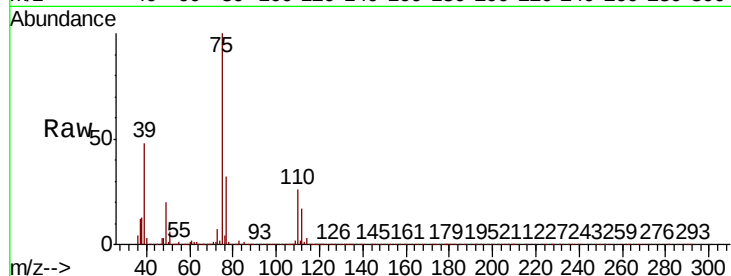
#53
t-1,3-Dichloropropene
Concen: 46.430 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion: 75 Resp: 433094
Ion Ratio Lower Upper
75 100
77 32.4 24.4 36.6

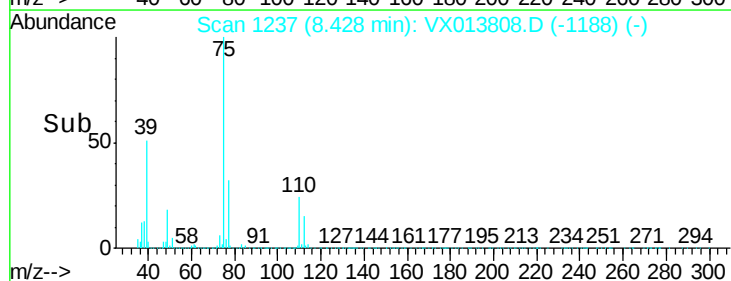
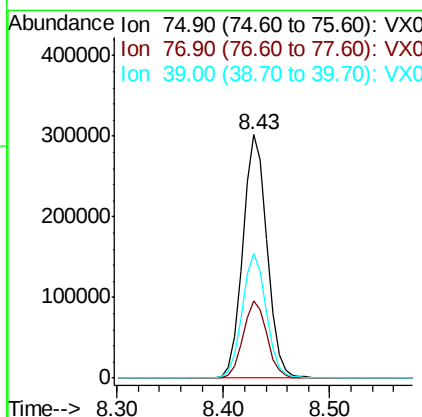
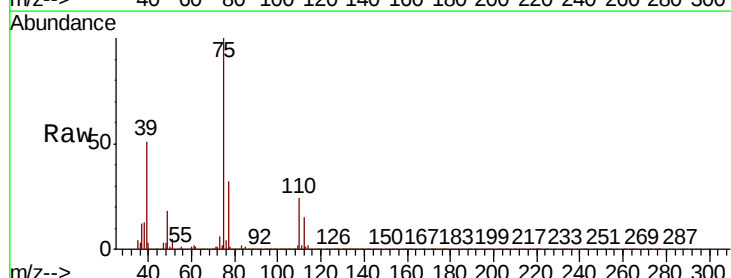
Manual Integrations
APPROVED

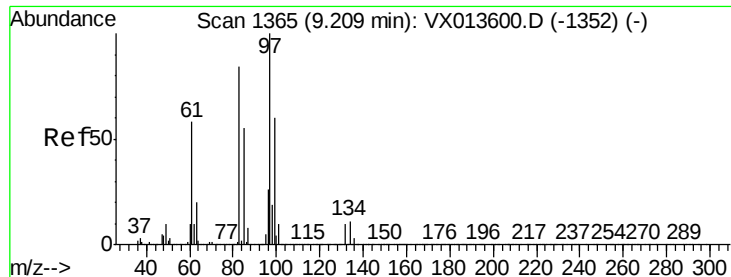
apatel
12/9/2019 9:07:57 AM



#54
cis-1,3-Dichloropropene
Concen: 47.163 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 75 Resp: 480639
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 51.1 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.510 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

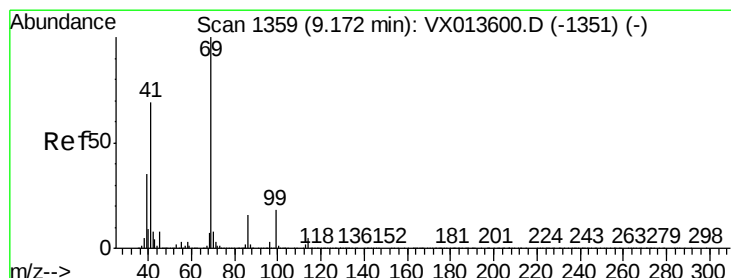
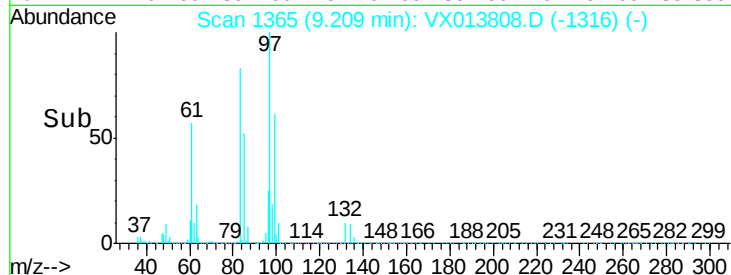
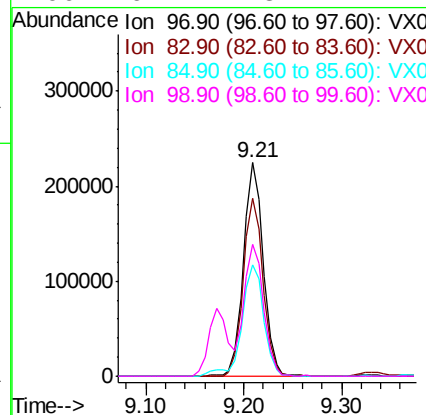
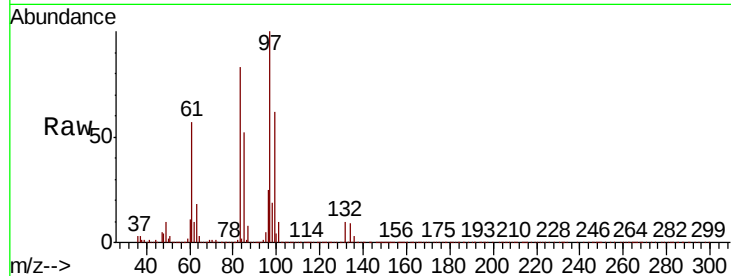
ClientSampleId :

RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.3	100.9
85	52.1	43.6	65.4
99	61.4	48.2	72.4

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#56

Ethyl methacrylate

Concen: 49.643 ug/l

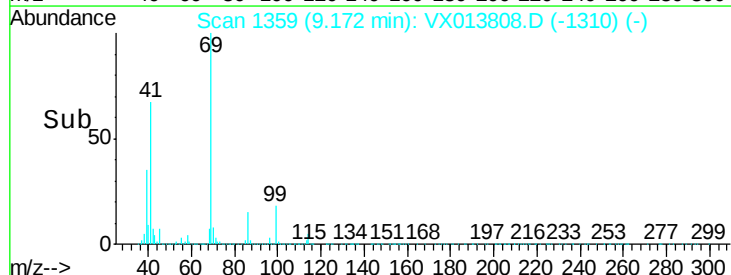
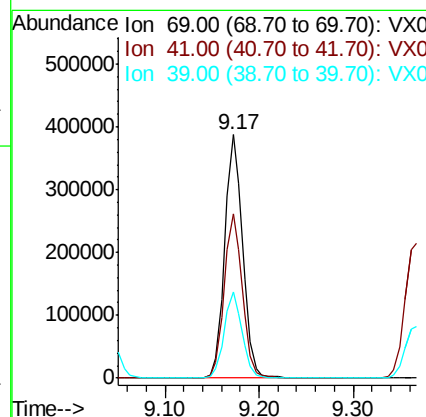
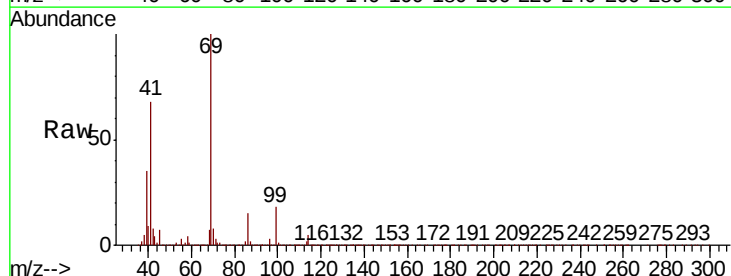
RT: 9.17 min Scan# 1359

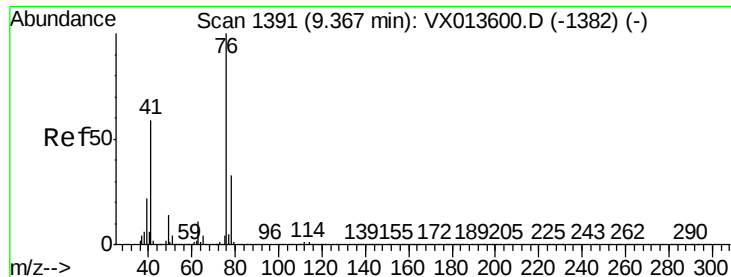
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.0	82.4
39	35.1	28.7	43.1





#57

1,3-Dichloropropane

Concen: 47.657 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 76 Resp: 524611

Ion Ratio Lower Upper

76 100

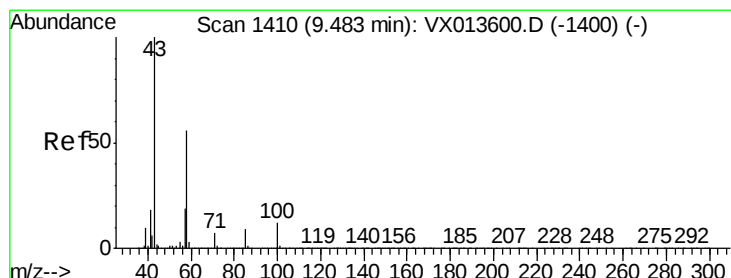
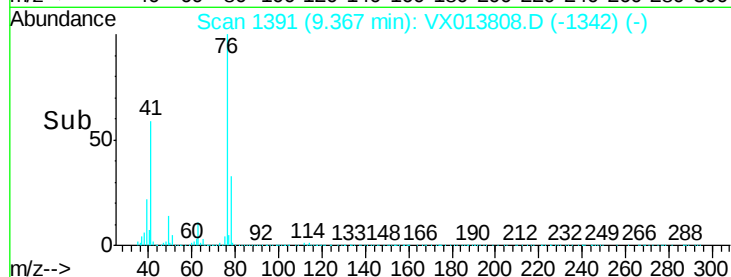
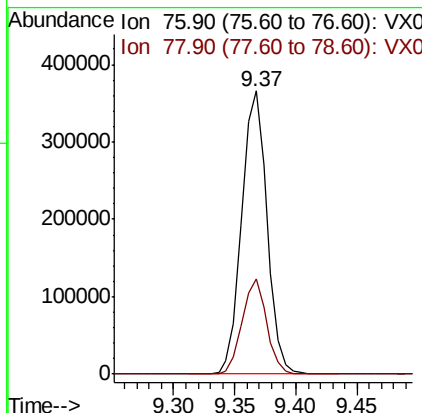
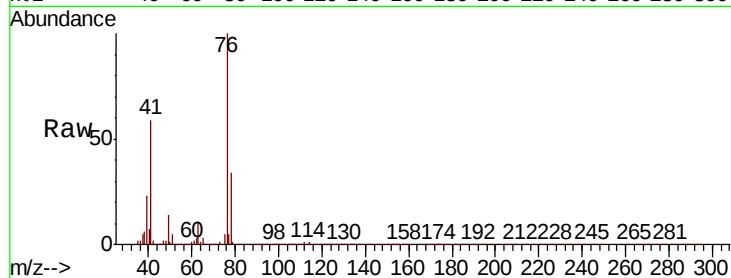
78 32.5 26.0 39.0

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



#59

2-Hexanone

Concen: 255.139 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013808.D

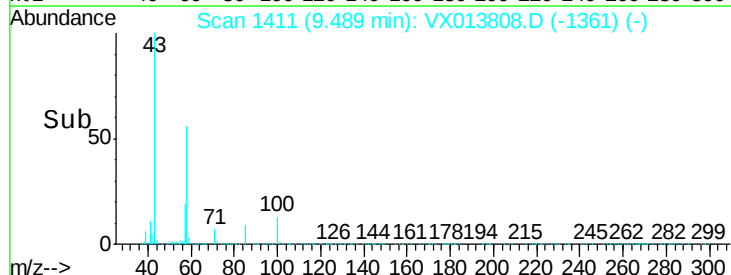
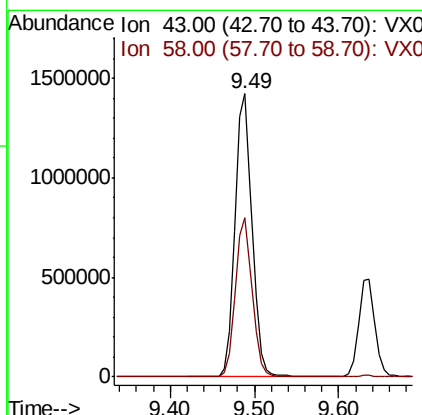
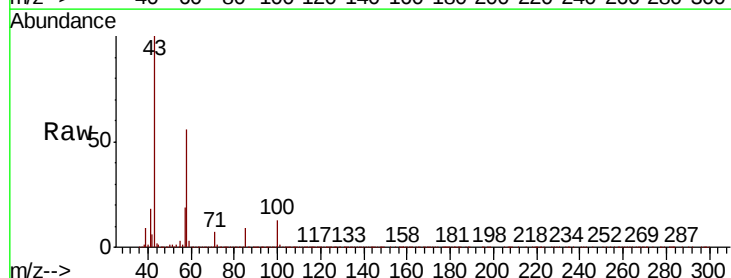
Acq: 06 Dec 2019 18:35

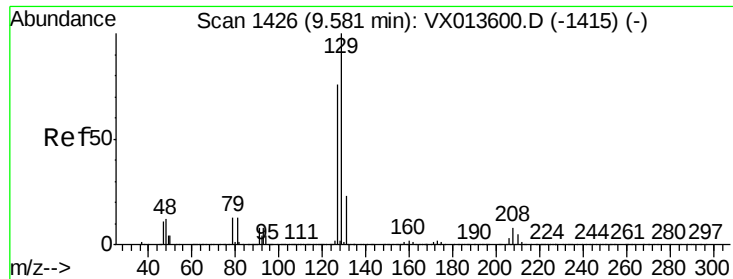
Tgt Ion: 43 Resp: 1936323

Ion Ratio Lower Upper

43 100

58 55.5 28.1 84.4





#60

Dibromochloromethane

Concen: 48.808 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion:129 Resp: 323489

Ion Ratio Lower Upper

129 100

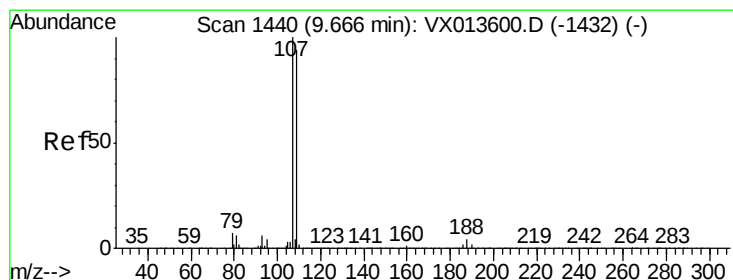
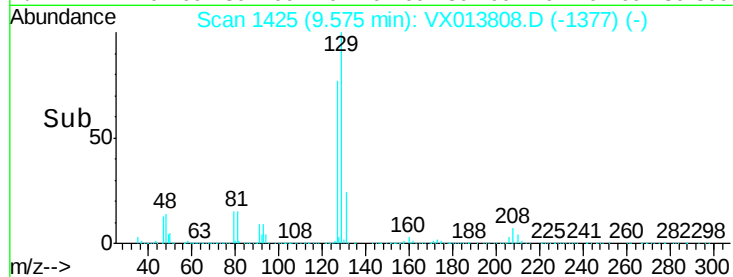
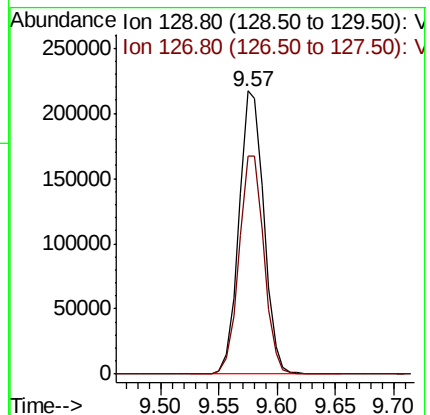
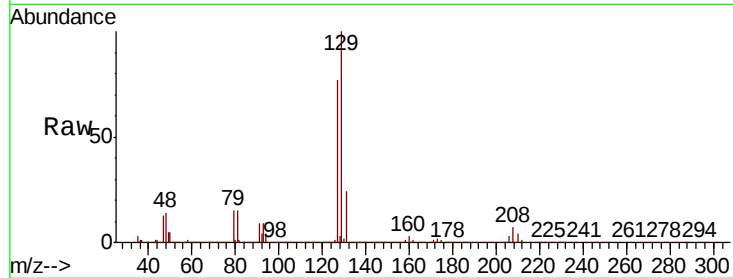
127 77.6 38.5 115.5

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



#61

1,2-Dibromoethane

Concen: 48.285 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013808.D

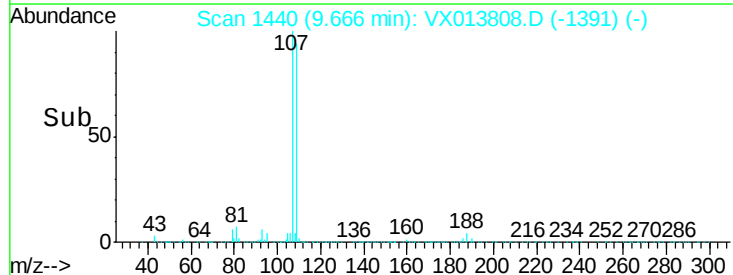
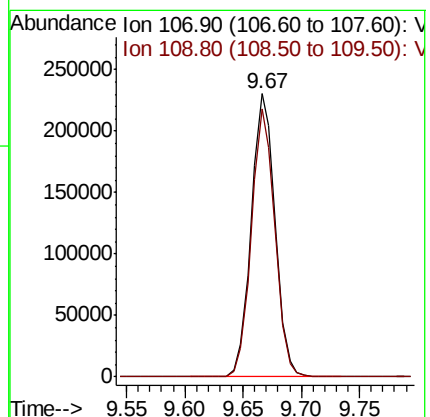
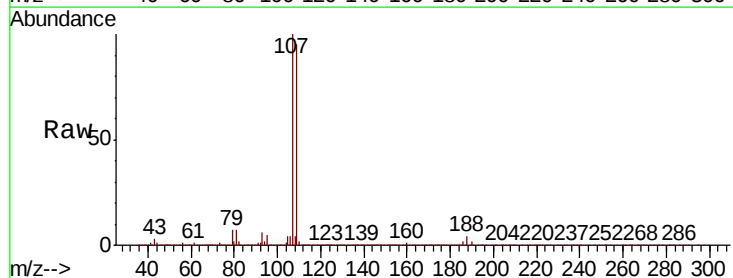
Acq: 06 Dec 2019 18:35

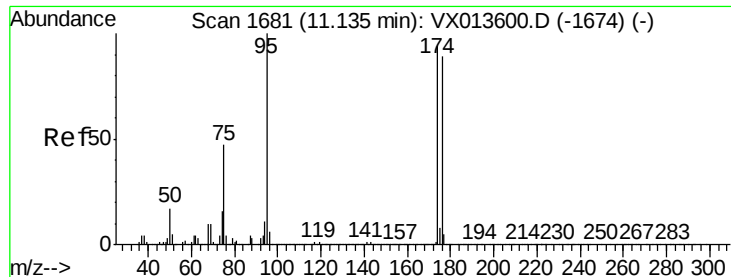
Tgt Ion:107 Resp: 329349

Ion Ratio Lower Upper

107 100

109 93.0 76.1 114.1





#62

4-Bromofluorobenzene

Concen: 45.306 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

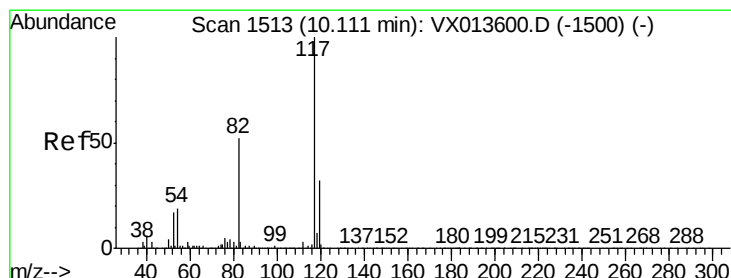
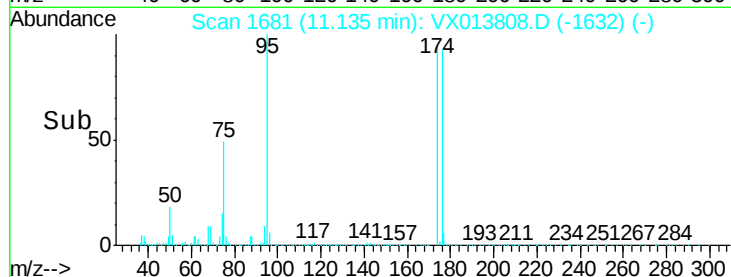
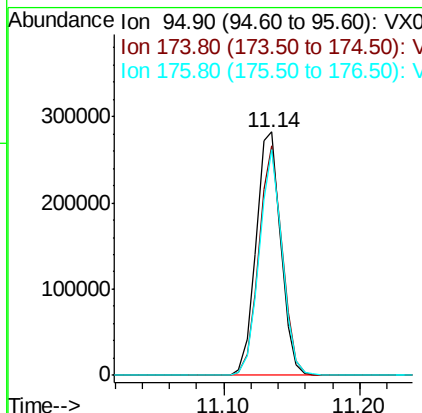
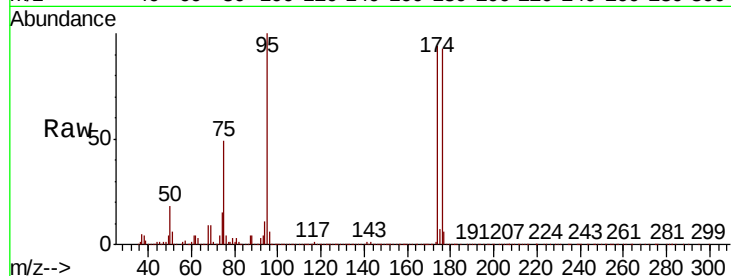
ClientSampleId :

RE134D1-20191202MS

Tot Ion:	95	Resp:	363093
Ion Ratio	Lower	Upper	
95	100		
174	89.1	0.0	180.0
176	85.9	0.0	173.6

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

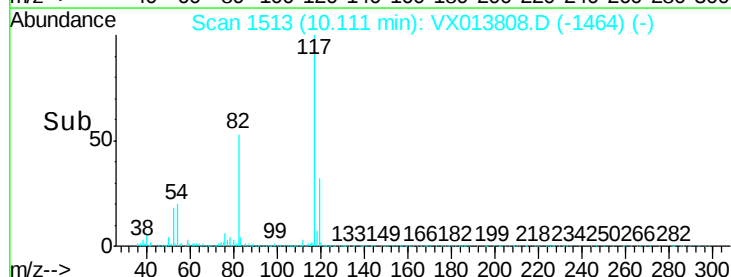
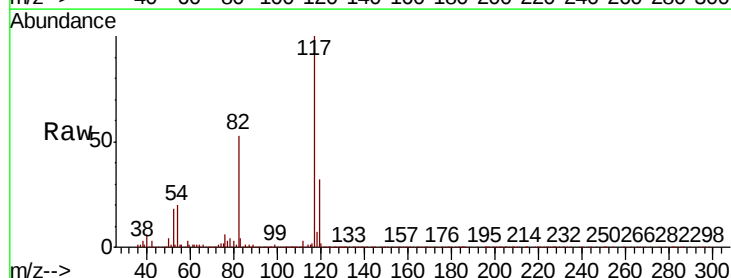
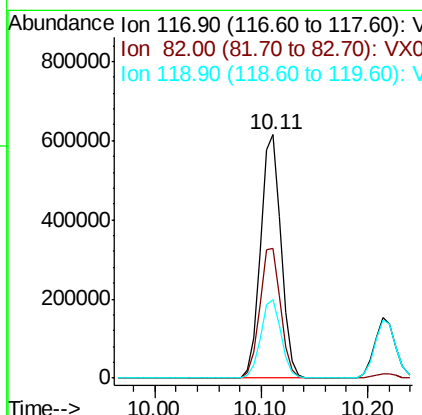
RT: 10.11 min Scan# 1513

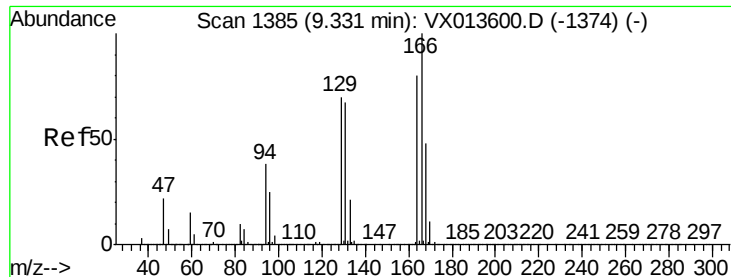
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion:	117	Resp:	830898
Ion Ratio	Lower	Upper	
117	100		
82	53.2	41.8	62.8
119	32.0	25.8	38.8





#64

Tetrachloroethene

Concen: 44.071 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

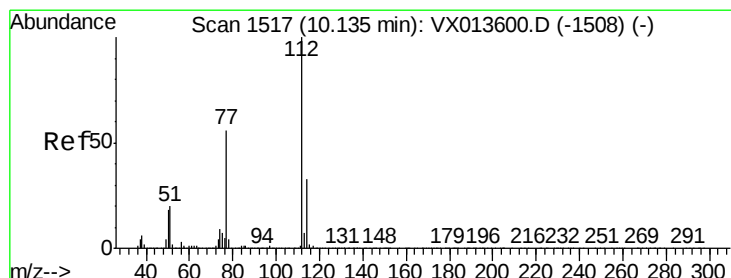
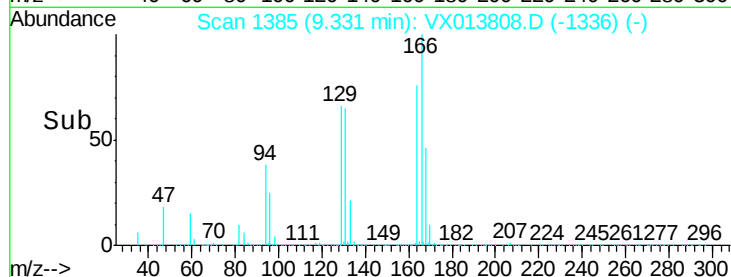
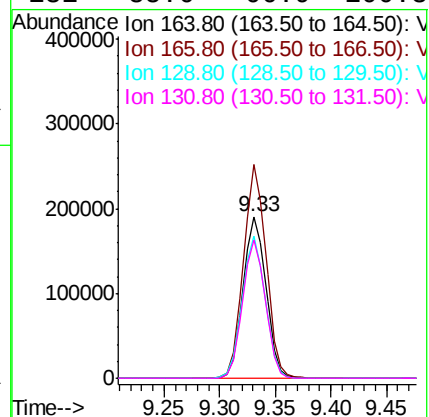
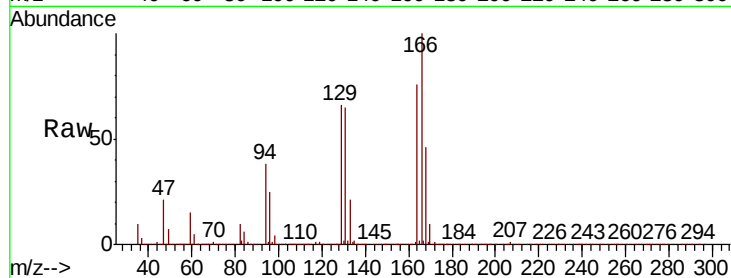
ClientSampleId :

RE134D1-20191202MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	132.4	99.7	149.5	
129	87.9	70.1	105.1	
131	85.6	66.9	100.3	

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#65

Chlorobenzene

Concen: 46.982 ug/l

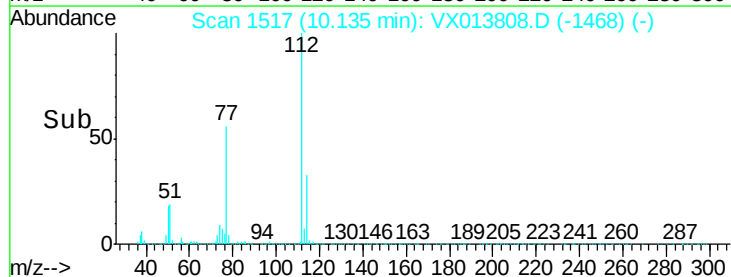
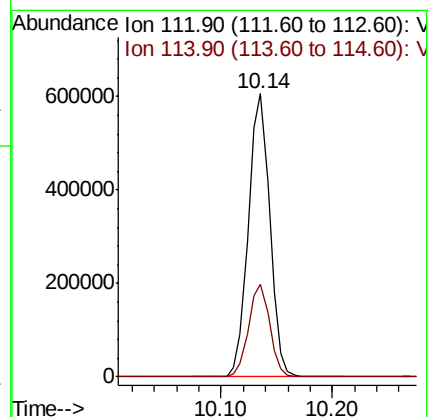
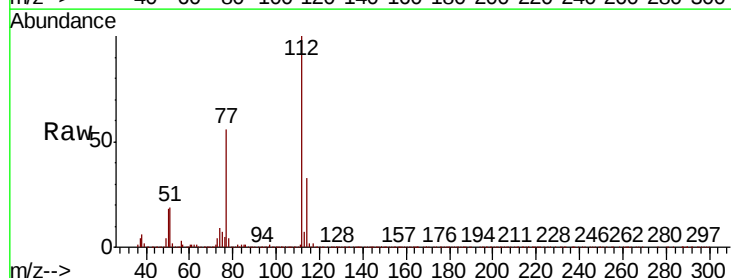
RT: 10.14 min Scan# 1517

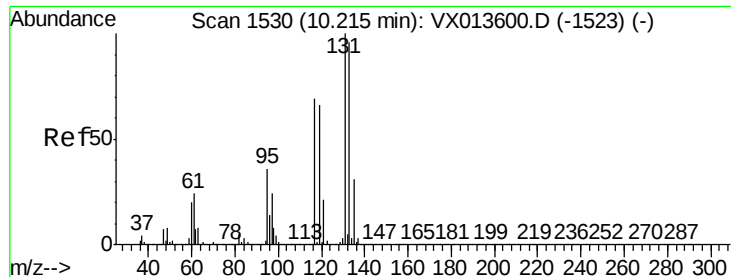
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.7	26.1	39.1	





#66

1,1,1,2-Tetrachloroethane

Concen: 48.467 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

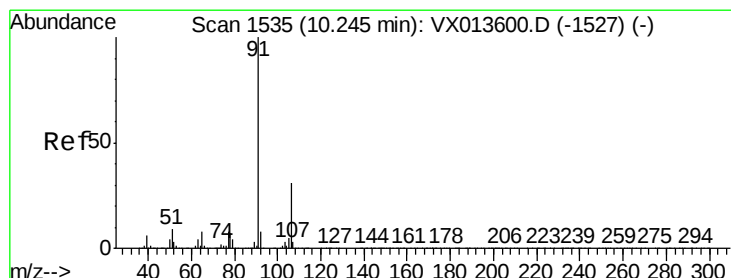
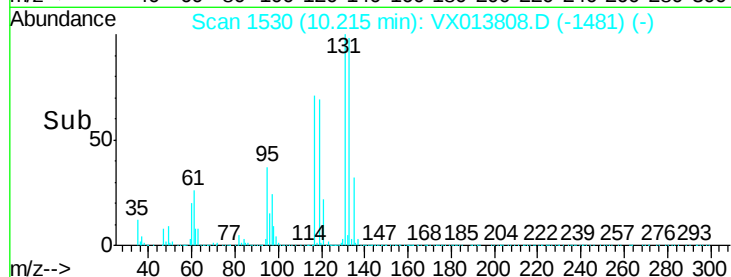
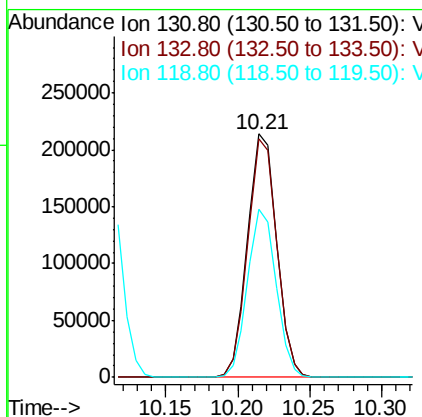
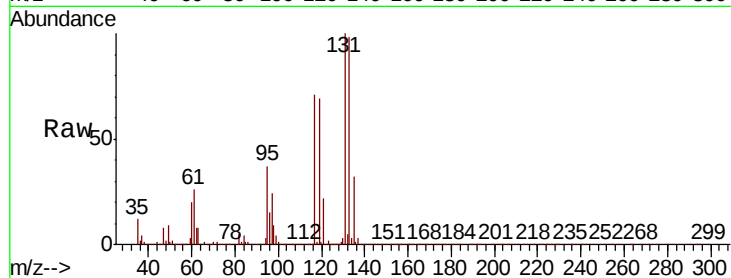
ClientSampleId :

RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.7	143.1
119	67.4	32.9	98.6

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#67

Ethyl Benzene

Concen: 47.580 ug/l

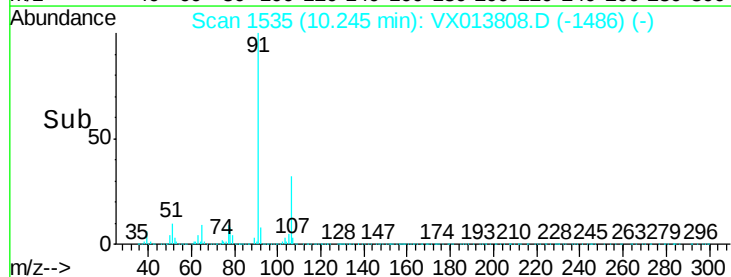
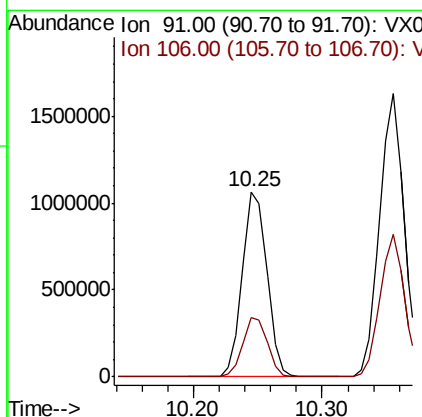
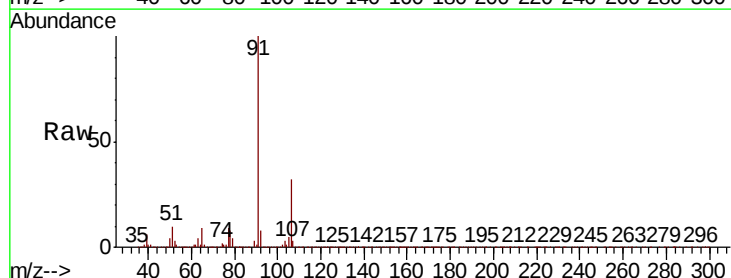
RT: 10.25 min Scan# 1535

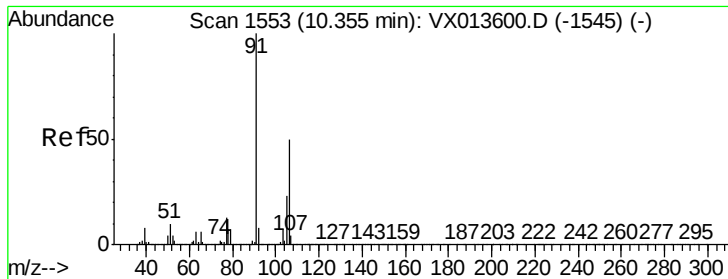
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.5	36.7





#68

m/p-Xylenes

Concen: 95.103 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion:106 Resp: 1079368

Ion Ratio Lower Upper

106 100

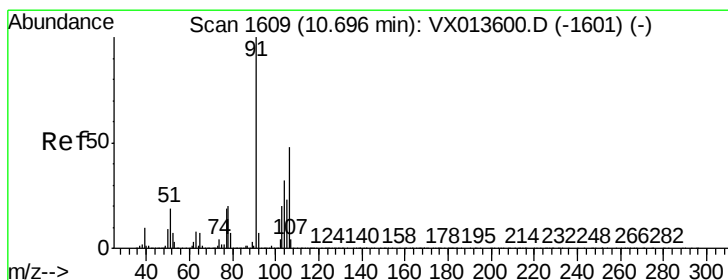
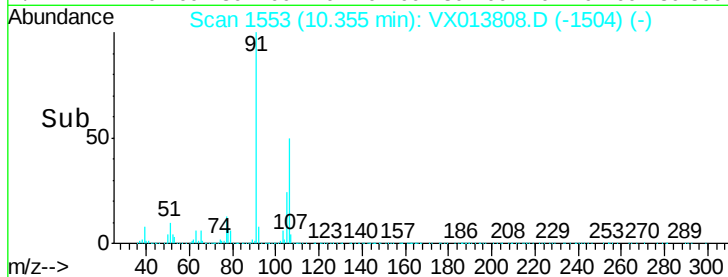
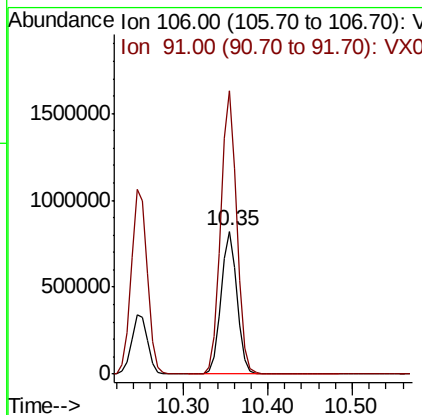
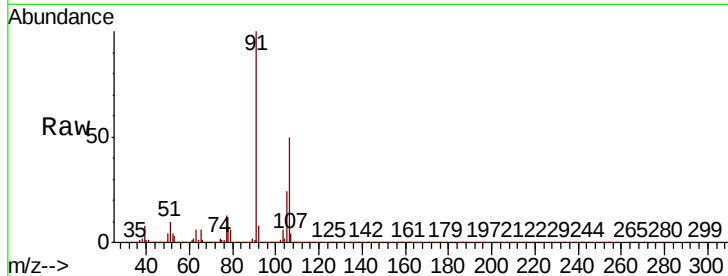
91 198.5 159.0 238.4

Manual Integrations

APPROVED

apatel

12/9/2019 9:07:57 AM



#69

o-Xylene

Concen: 48.276 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013808.D

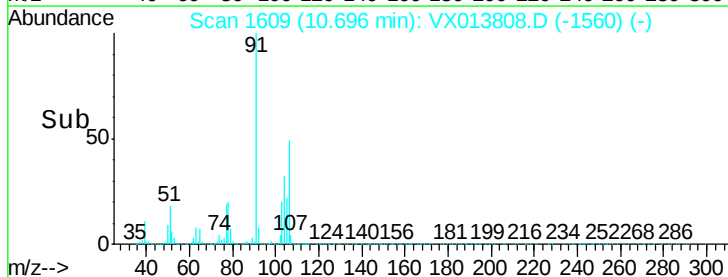
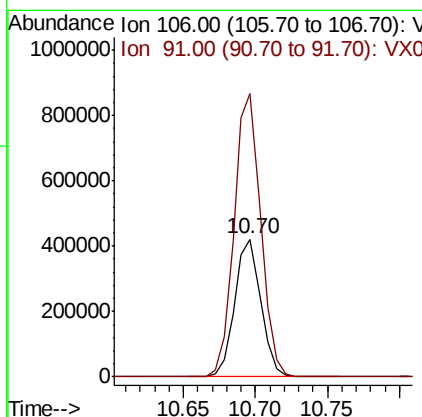
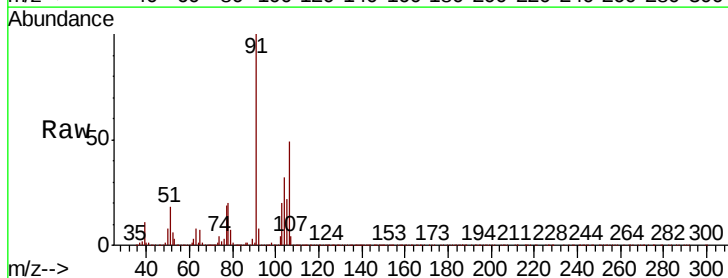
Acq: 06 Dec 2019 18:35

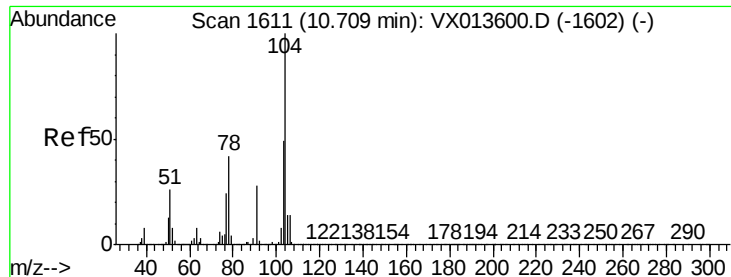
Tgt Ion:106 Resp: 534365

Ion Ratio Lower Upper

106 100

91 209.1 104.1 312.2





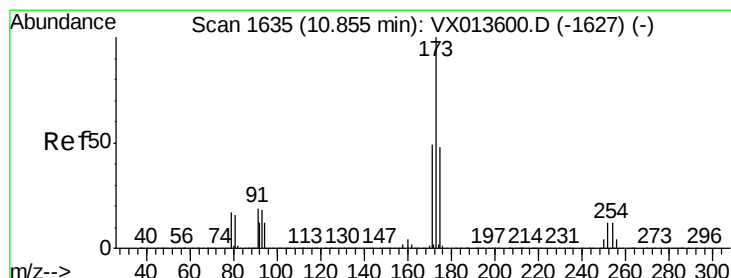
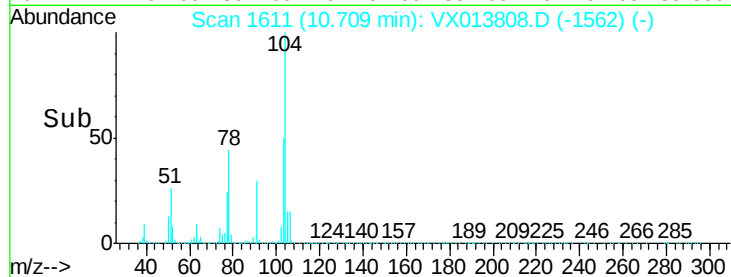
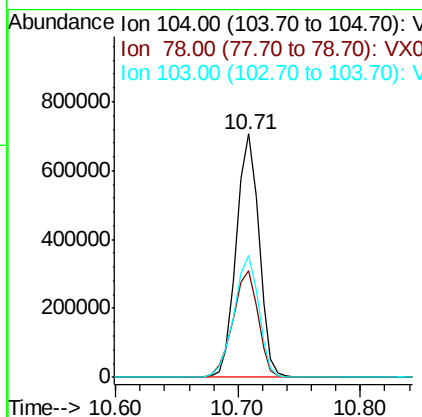
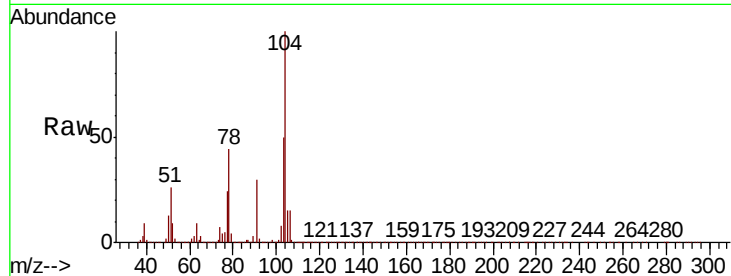
#70
Stvrene
Concen: 48.622 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.2	43.7	65.5

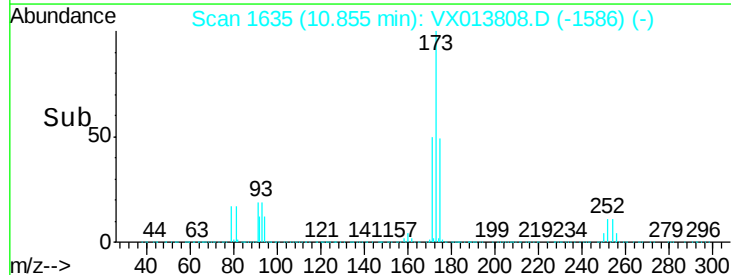
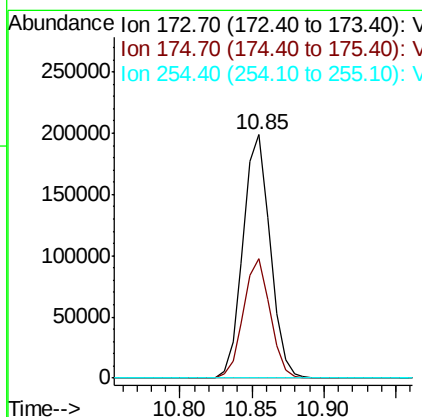
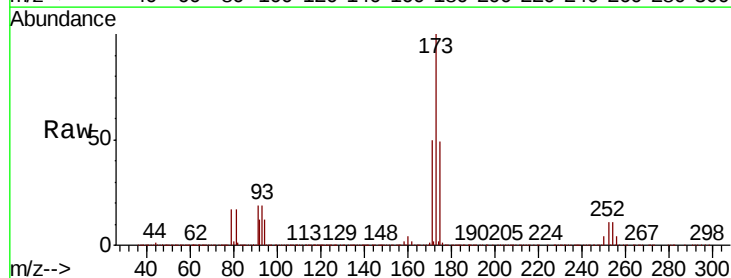
Manual Integrations
APPROVED

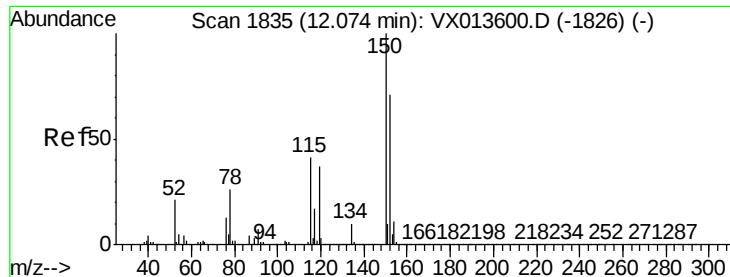
apatel
12/9/2019 9:07:57 AM



#71
Bromoform
Concen: 50.642 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.4	0.2	0.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

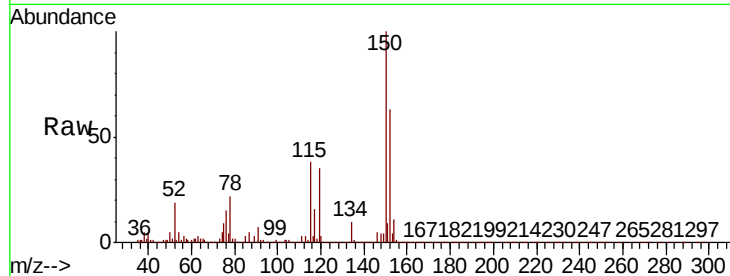
ClientSampleId :

RE134D1-20191202MS

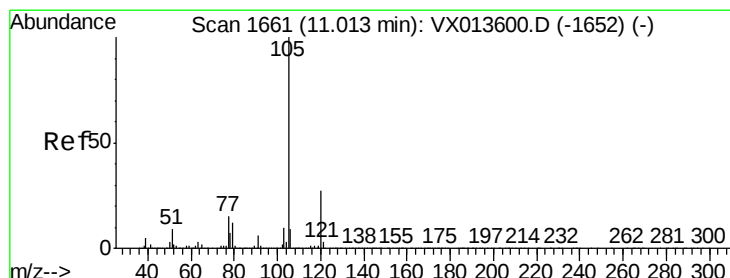
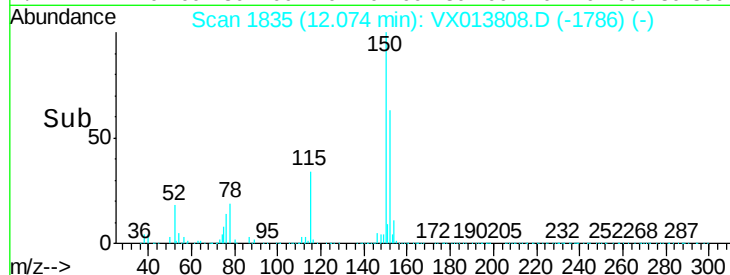
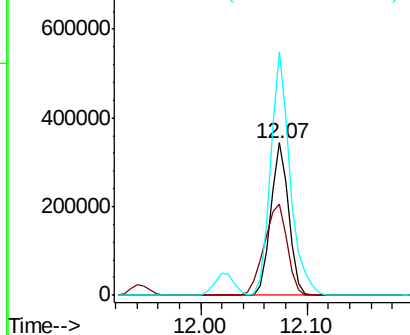
Tot Ion:	152	Resp:	405792
Ion Ratio	Lower	Upper	
152	100		
115	77.2	38.4	115.1
150	172.2	0.0	346.8

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



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



#73

Isopropylbenzene

Concen: 48.695 ug/l

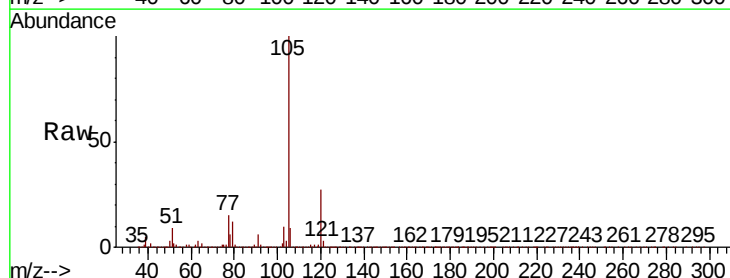
RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

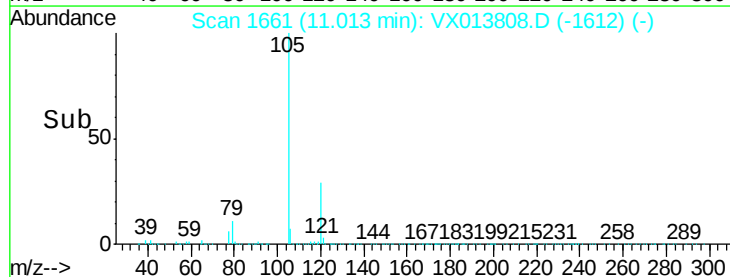
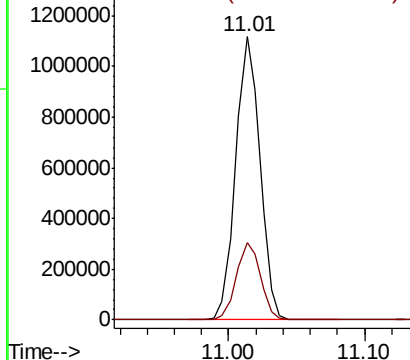
Lab File: VX013808.D

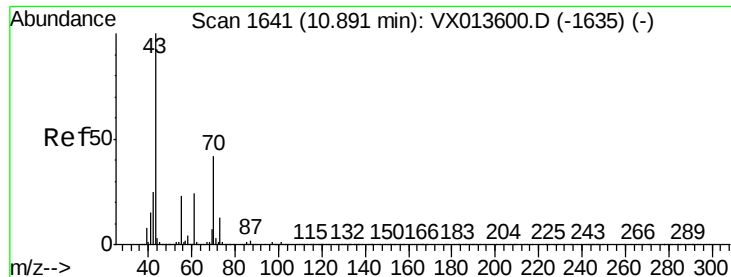
Acq: 06 Dec 2019 18:35

Tgt Ion:	105	Resp:	1386104
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.5	40.5



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





#74

N-amvl acetate

Concen: 49.289 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

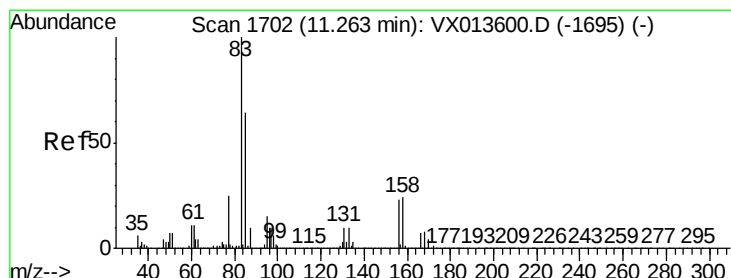
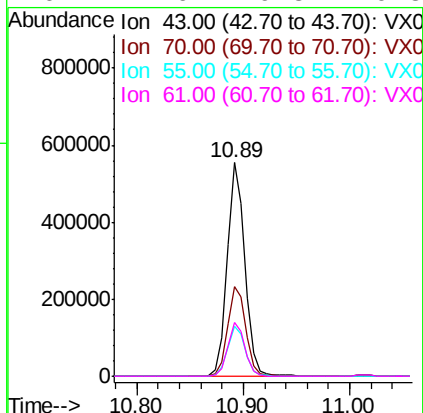
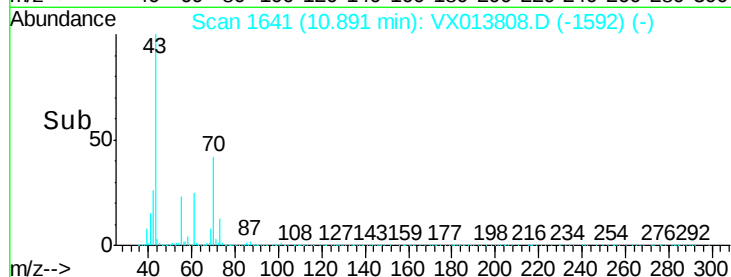
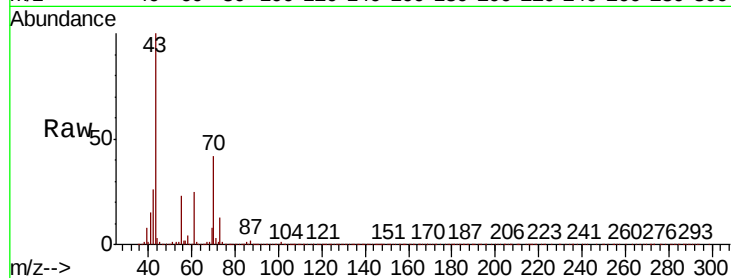
ClientSampleId :

RE134D1-20191202MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		642694		
70	43.2	34.3	51.5		
55	23.6	18.5	27.7		
61	24.6	19.8	29.8		

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 52.233 ug/l

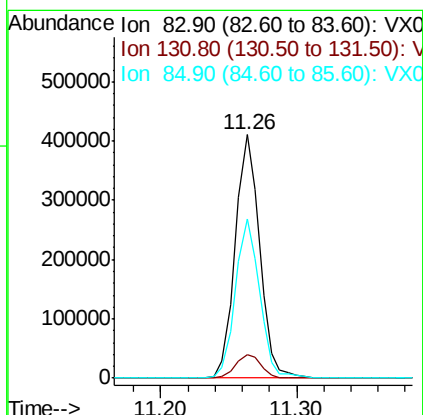
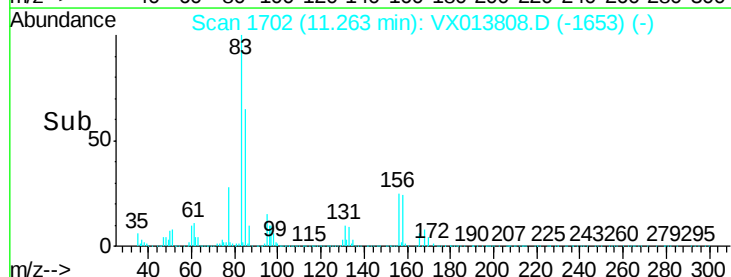
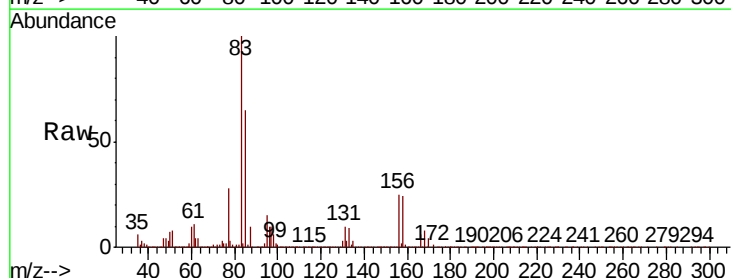
RT: 11.26 min Scan# 1702

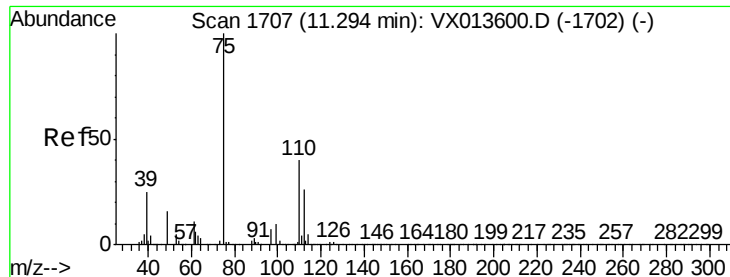
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		515612		
131	10.2	5.1	15.3		
85	64.5	31.8	95.3		





#76

1,2,3-Trichloropropane

Concen: 43.464 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 75 Resp: 396697

Ion Ratio Lower Upper

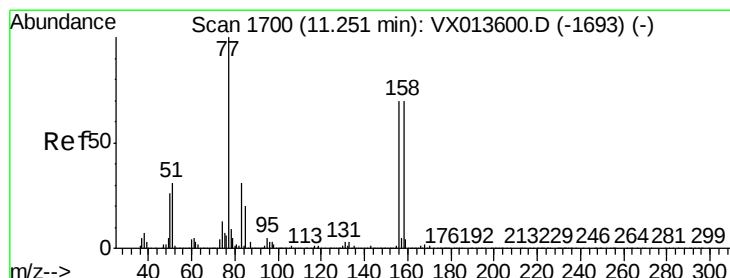
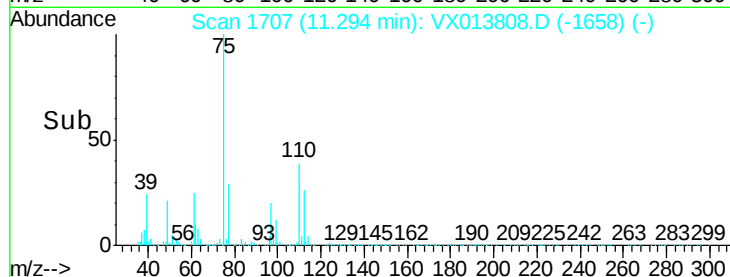
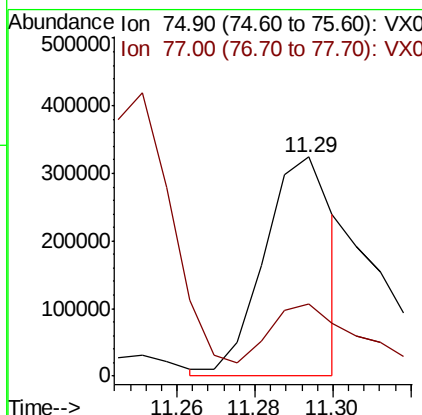
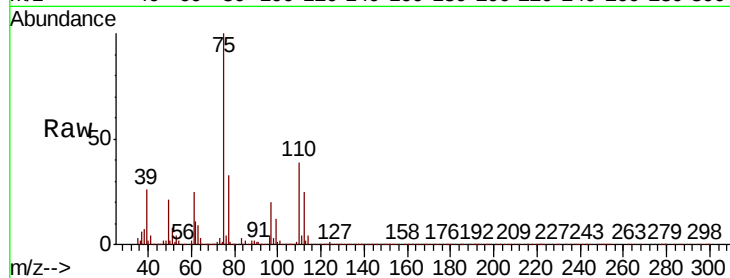
75 100

77 44.8 19.1 57.5

Manual Integrations
APPROVED

apatel

12/9/2019 9:07:57 AM



#77

Bromobenzene

Concen: 47.507 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

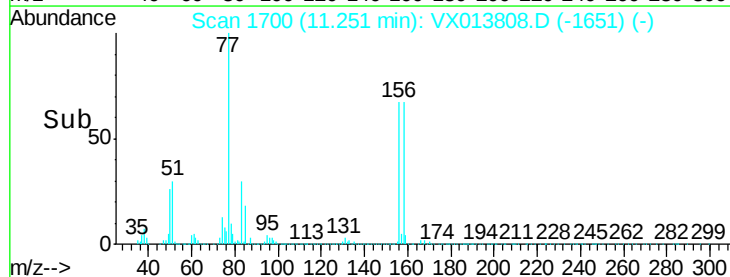
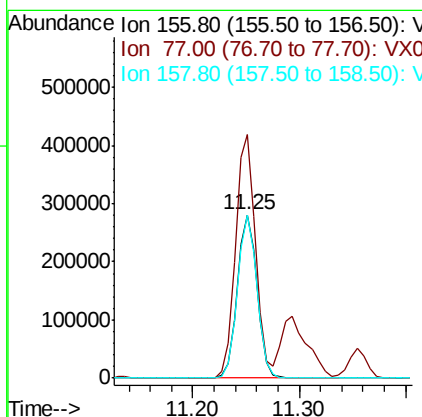
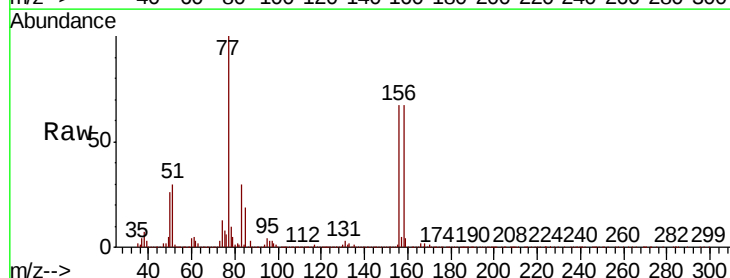
Tgt Ion: 156 Resp: 365318

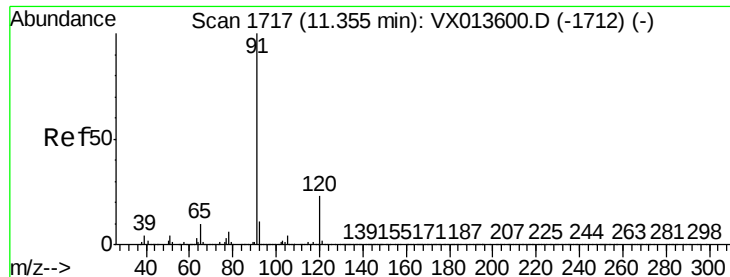
Ion Ratio Lower Upper

156 100

77 151.5 74.4 223.1

158 98.3 48.9 146.6





#78

n-propylbenzene

Concen: 48.885 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MS

Tot Ion: 91 Resp: 1553336

Ion Ratio Lower Upper

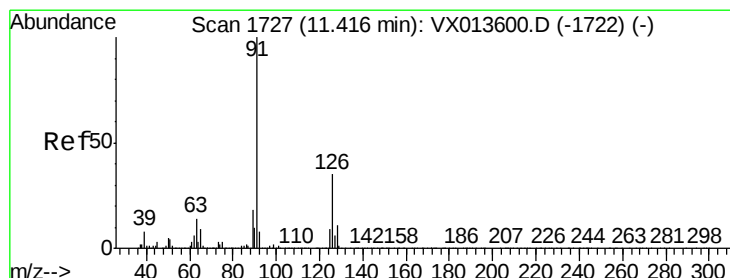
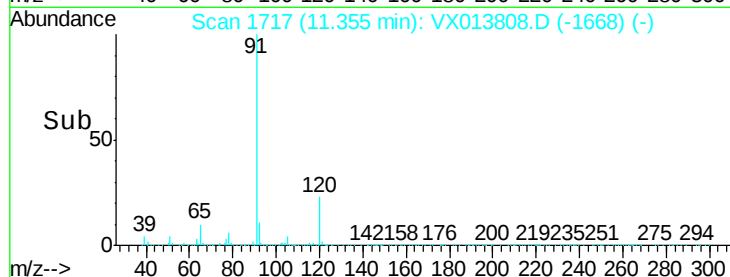
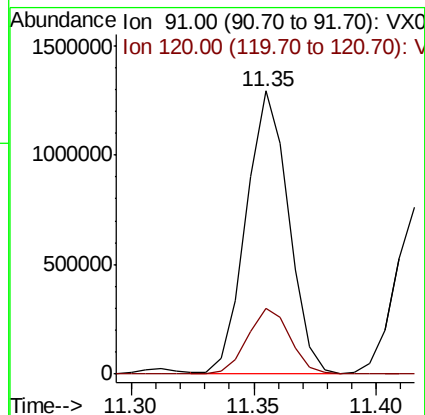
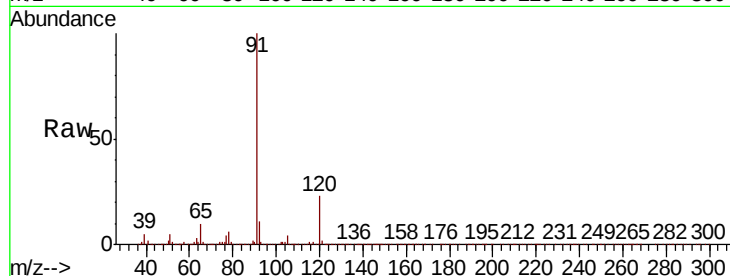
91 100

120 23.5 11.8 35.3

Manual Integrations
APPROVED

apatel

12/9/2019 9:07:57 AM



#79

2-Chlorotoluene

Concen: 48.232 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013808.D

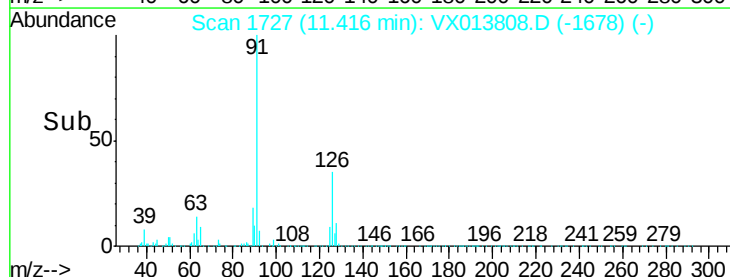
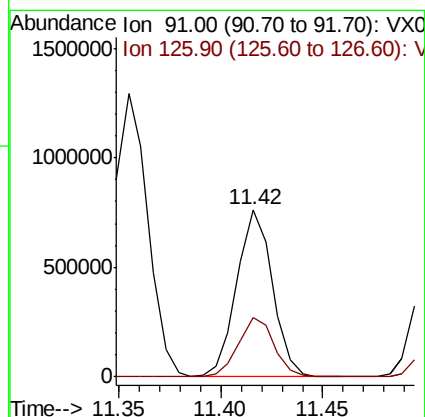
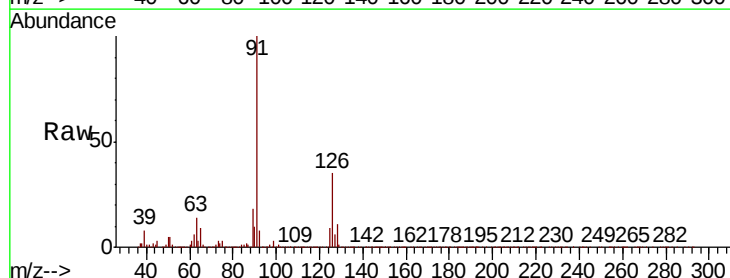
Acq: 06 Dec 2019 18:35

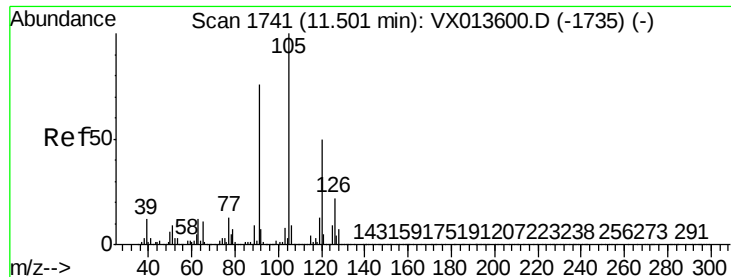
Tgt Ion: 91 Resp: 919351

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5





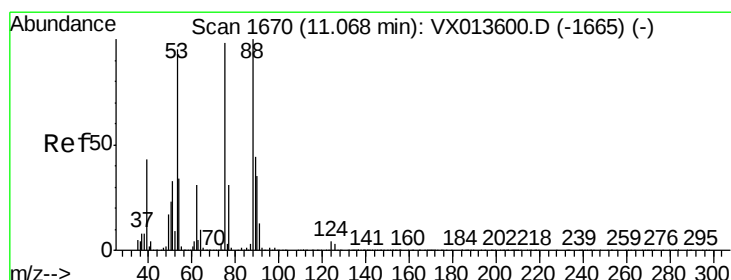
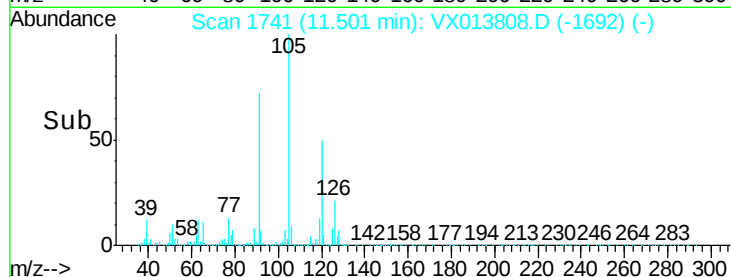
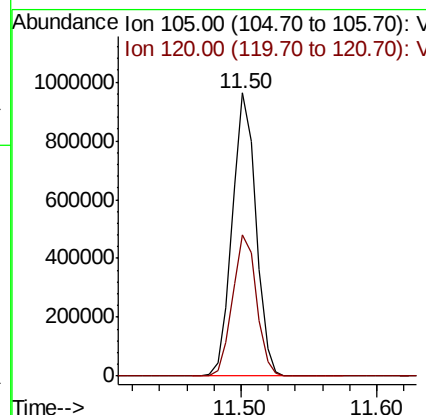
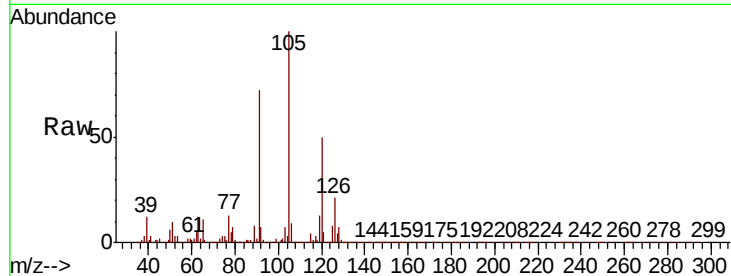
#80
 1,3,5-Trimethylbenzene
 Concen: 49.520 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion:105 Resp: 1155262
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9

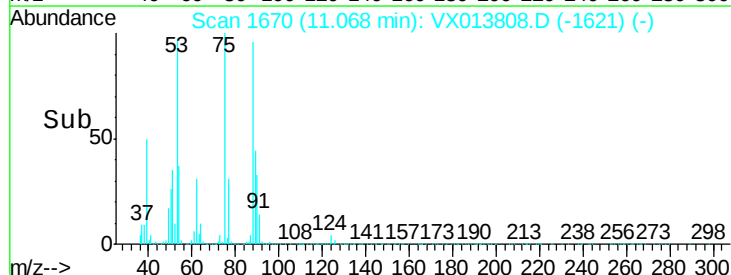
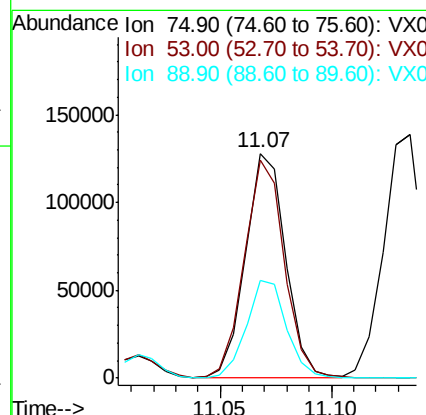
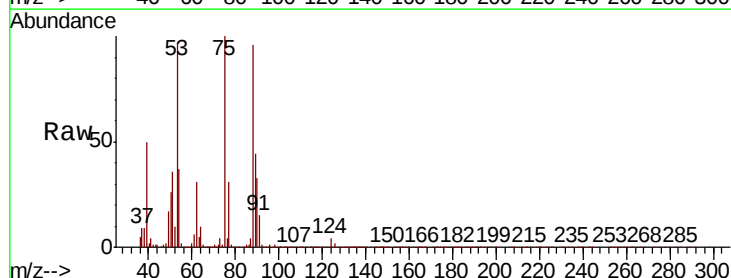
Manual Integrations
 APPROVED

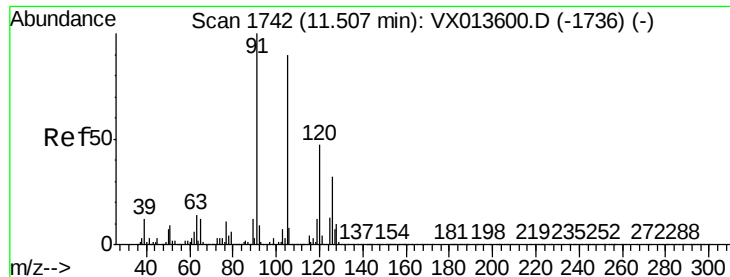
apatel
 12/9/2019 9:07:57 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.234 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion: 75 Resp: 160912
 Ion Ratio Lower Upper
 75 100
 53 96.3 78.2 117.2
 89 44.0 35.4 53.2





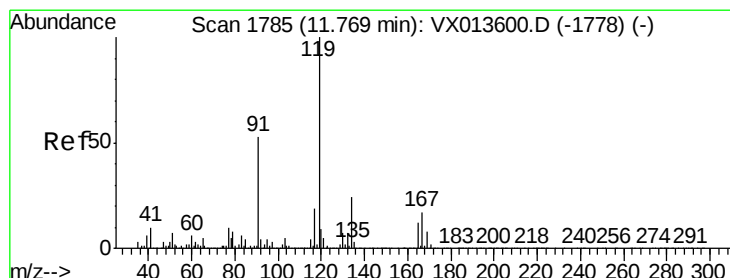
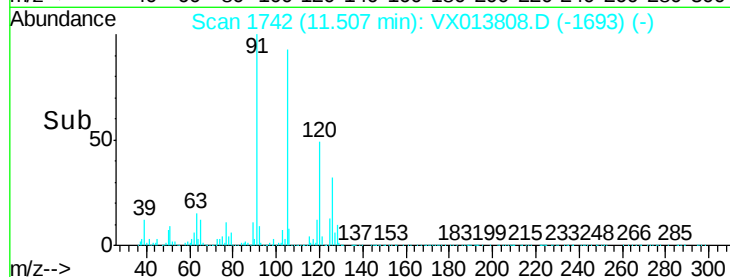
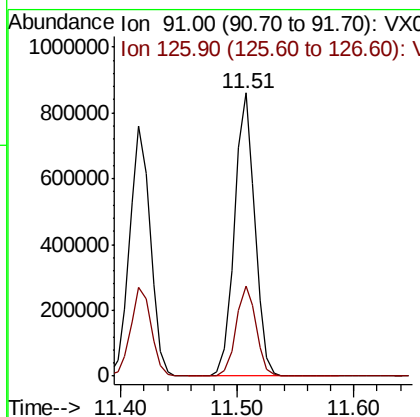
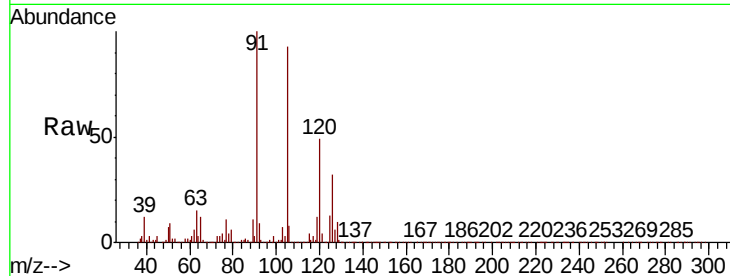
#82
4-Chlorotoluene
Concen: 47.433 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion: 91 Resp: 1047182
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.0

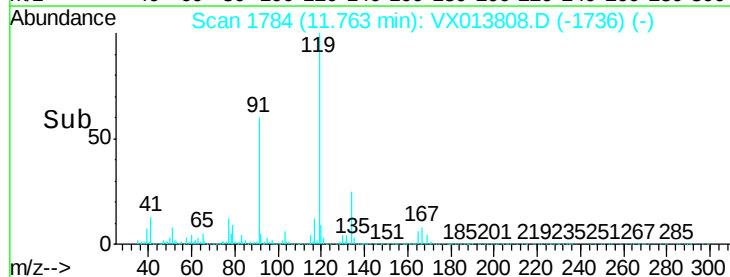
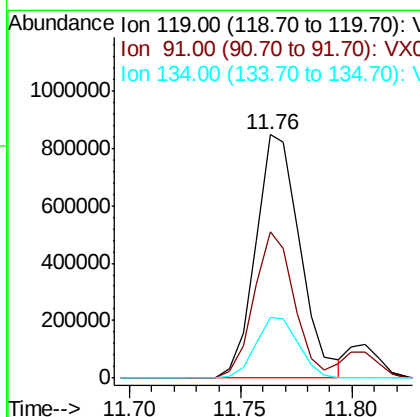
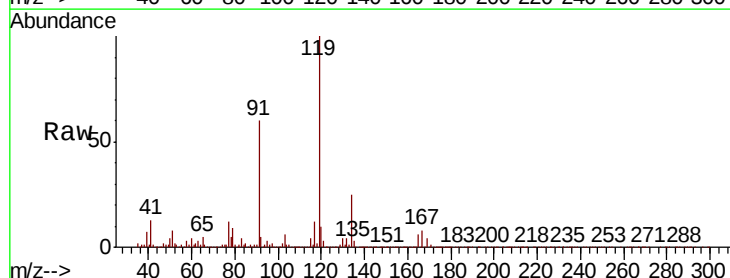
Manual Integrations
APPROVED

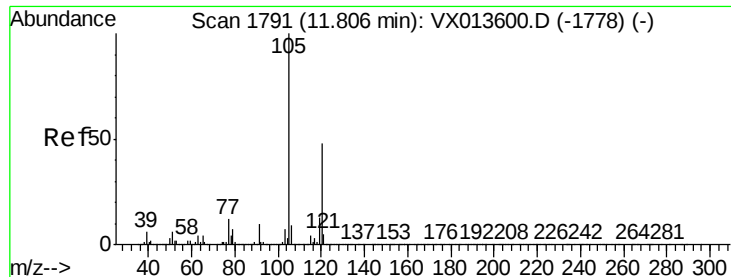
apatel
12/9/2019 9:07:57 AM



#83
tert-Butylbenzene
Concen: 49.561 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion: 119 Resp: 1175070
Ion Ratio Lower Upper
119 100
91 54.2 27.2 81.6
134 24.0 11.7 35.1





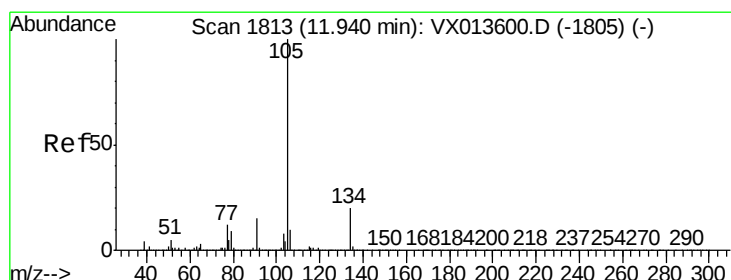
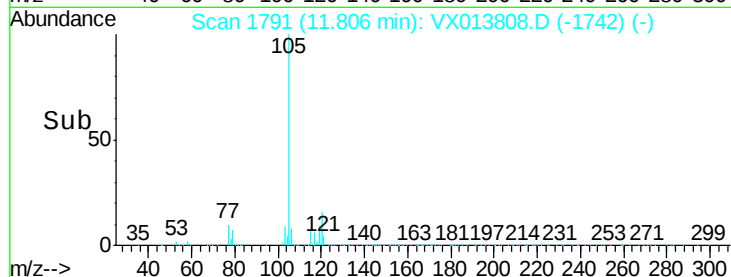
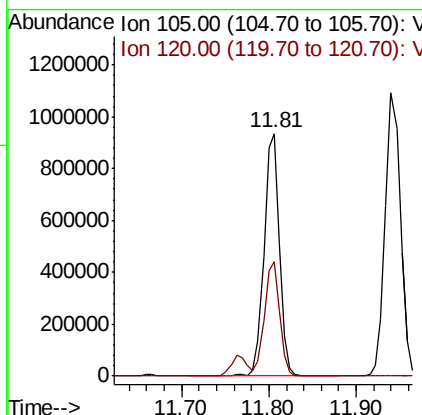
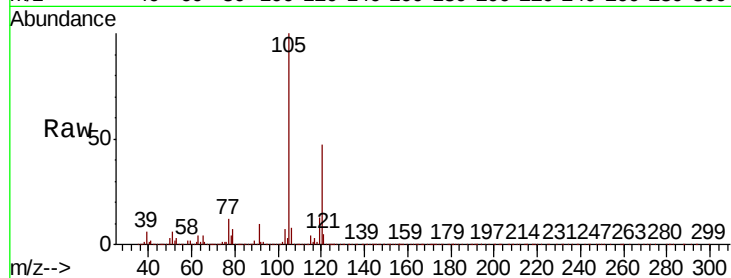
#84
 1,2,4-Trimethylbenzene
 Concen: 48.797 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion:105 Resp: 1155380
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.3

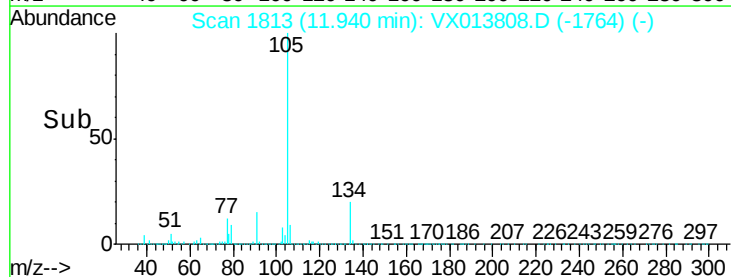
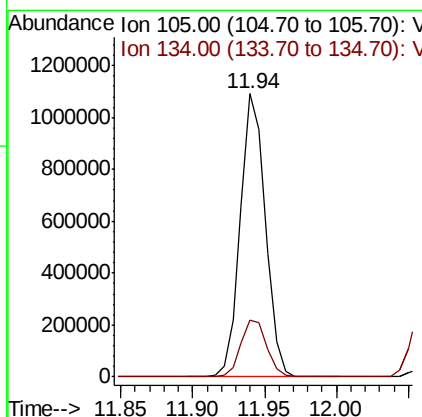
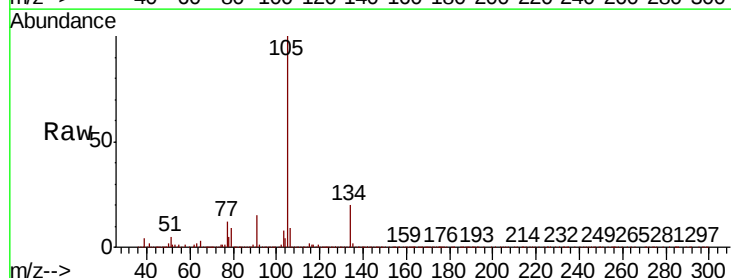
Manual Integrations
 APPROVED

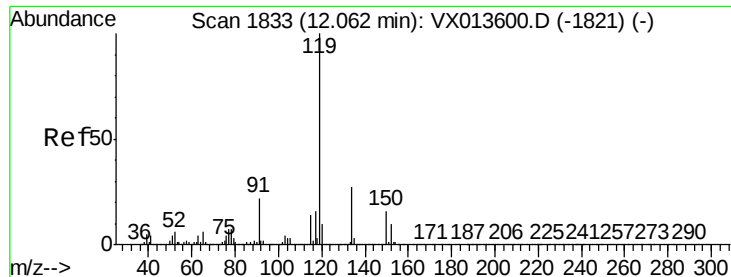
apatel
 12/9/2019 9:07:57 AM



#85
 sec-Butylbenzene
 Concen: 48.734 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion:105 Resp: 1319792
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2





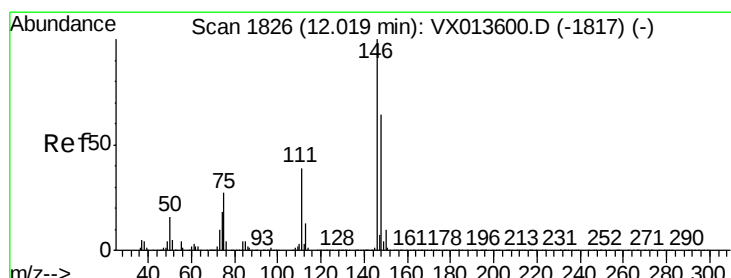
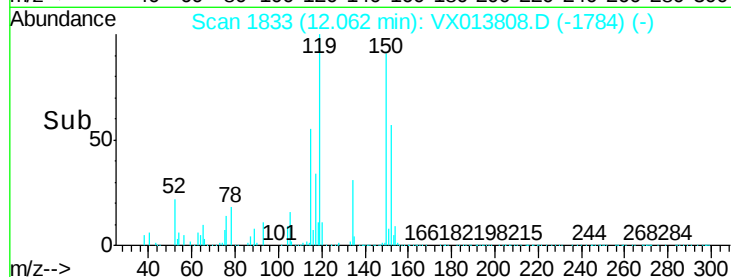
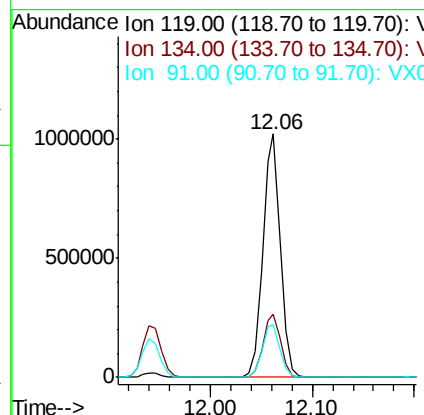
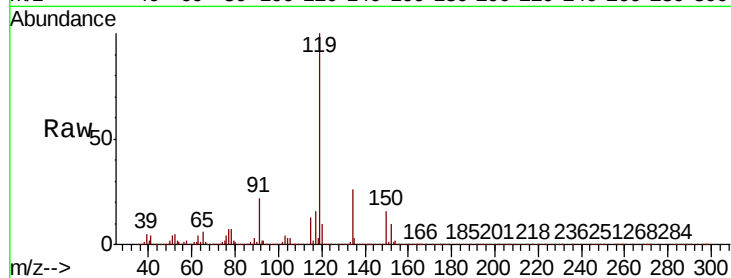
#86
p-Isopropyltoluene
Concen: 48.767 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.9
91	22.0	11.3	33.8

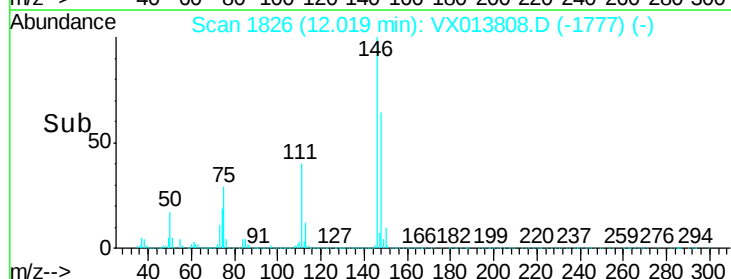
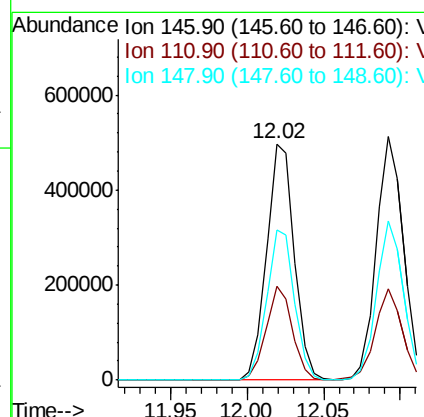
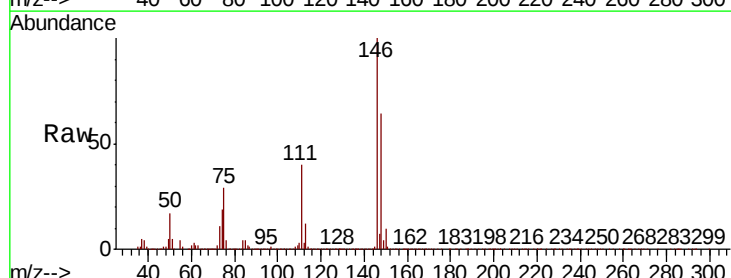
Manual Integrations
APPROVED

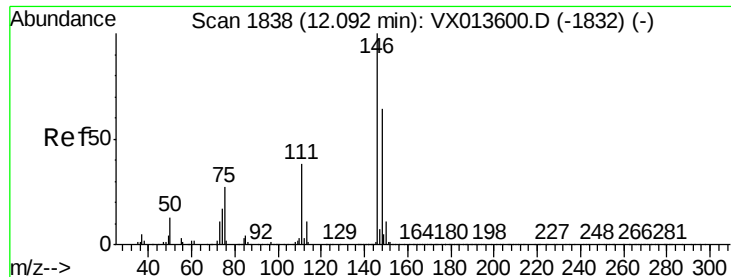
apatel
12/9/2019 9:07:57 AM



#87
1,3-Dichlorobenzene
Concen: 47.012 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.6	31.8	95.4





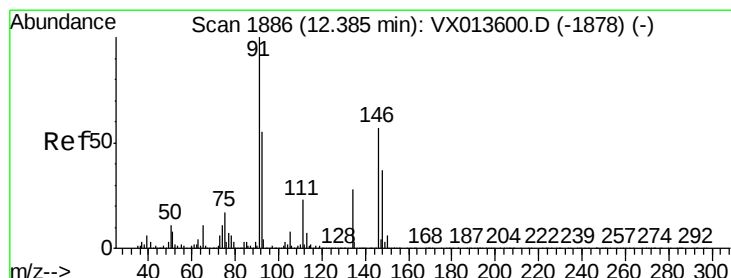
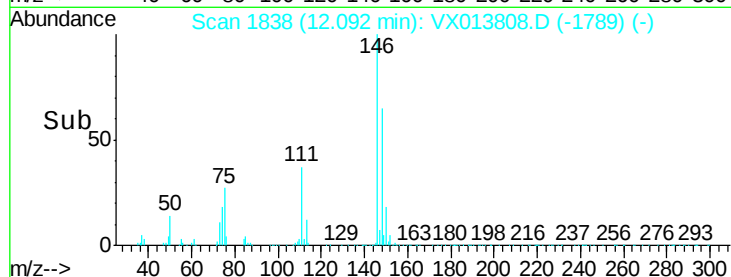
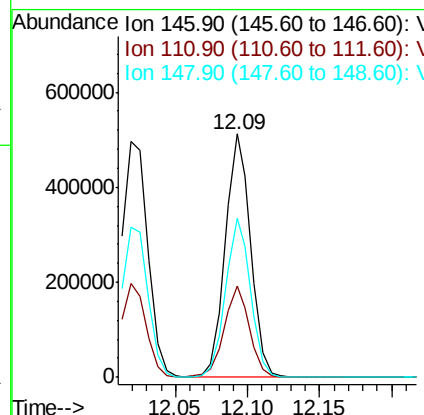
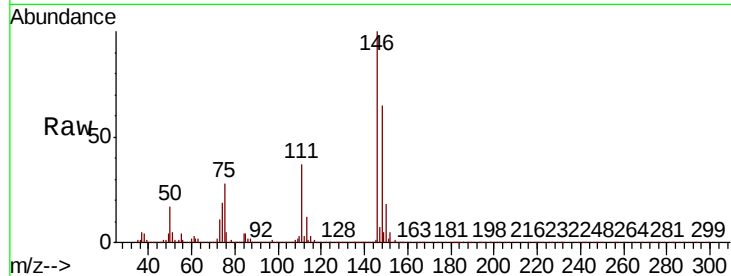
#88
 1,4-Dichlorobenzene
 Concen: 46.317 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.8	31.9	95.5

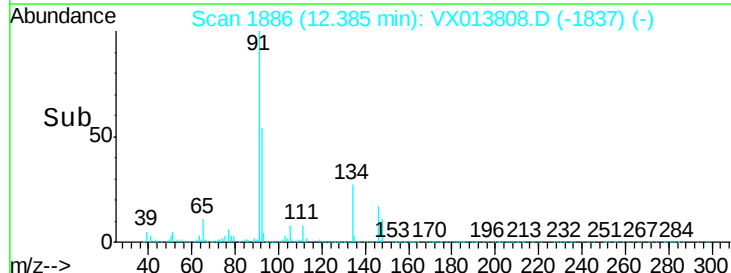
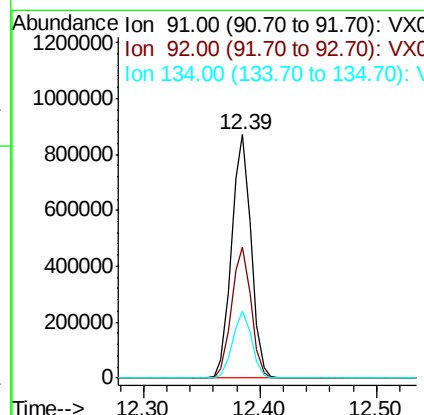
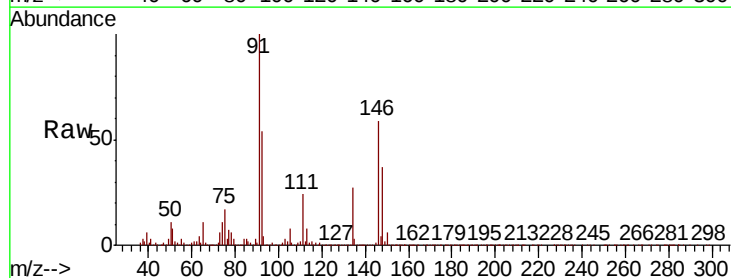
Manual Integrations
 APPROVED

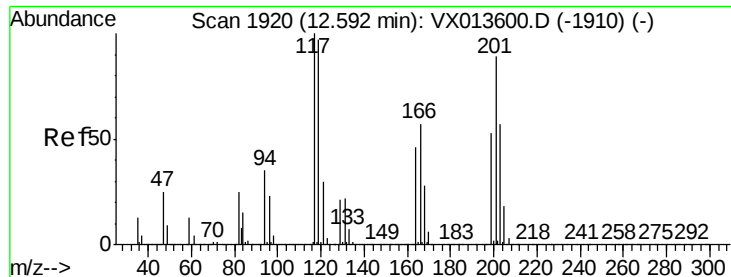
apatel
 12/9/2019 9:07:57 AM



#89
 n-Butylbenzene
 Concen: 46.940 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	27.0	13.5	40.4





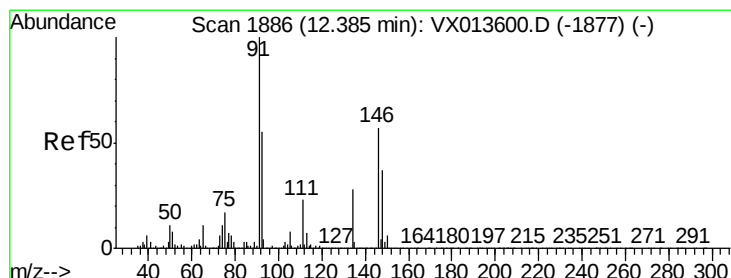
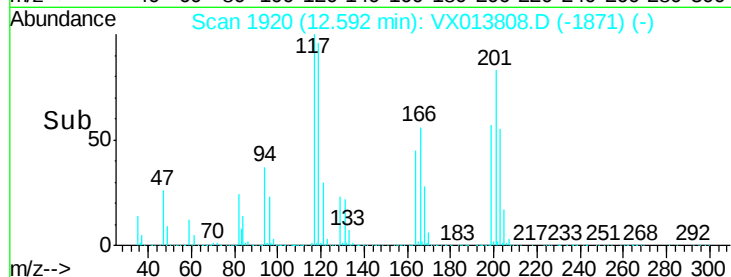
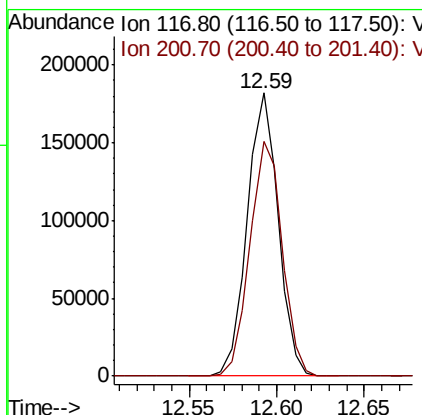
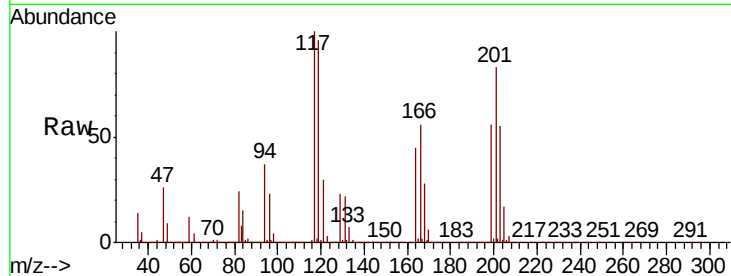
#90
Hexachloroethane
Concen: 49.308 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	86.4	44.1	132.4

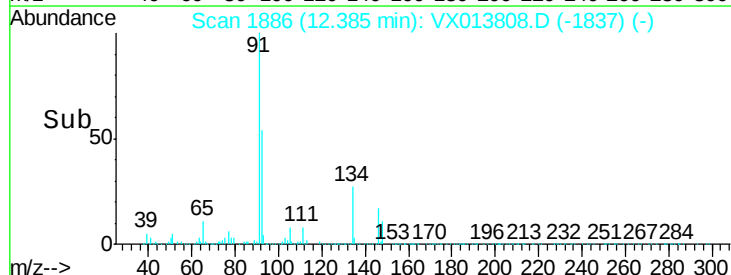
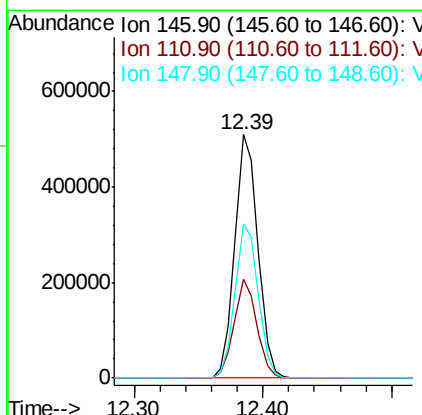
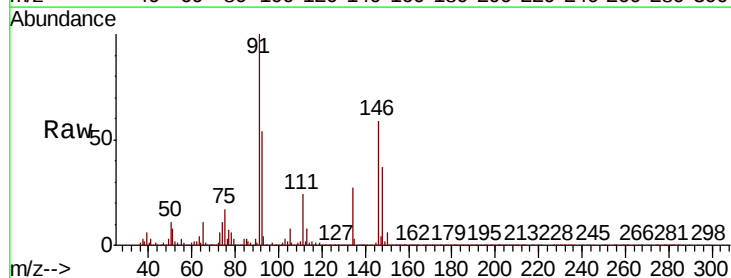
Manual Integrations
APPROVED

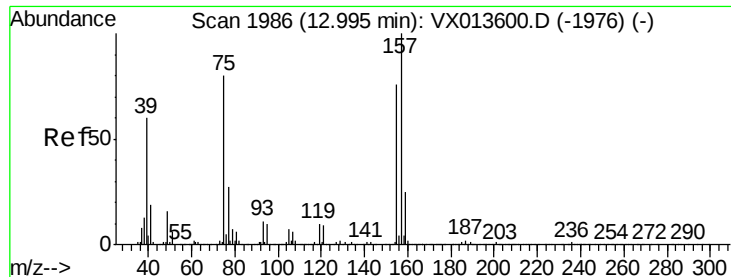
apatel
12/9/2019 9:07:57 AM



#91
1,2-Dichlorobenzene
Concen: 48.418 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013808.D
Acq: 06 Dec 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	63.7	31.9	95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.201 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

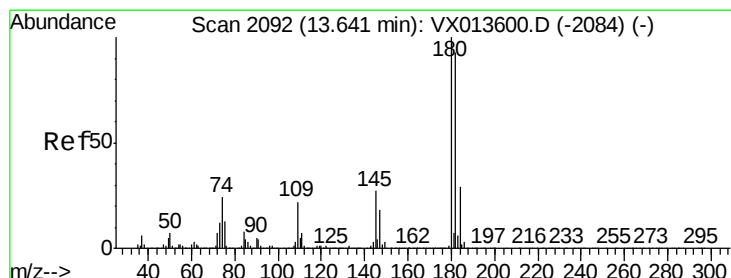
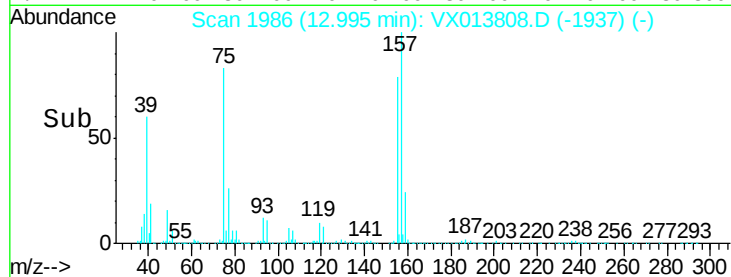
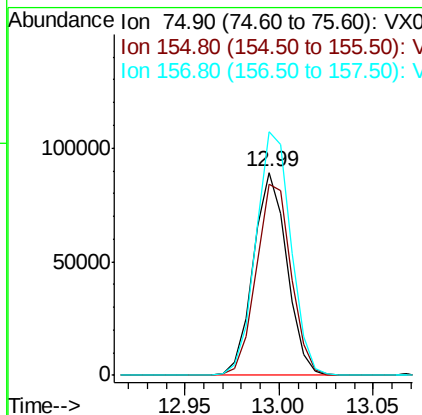
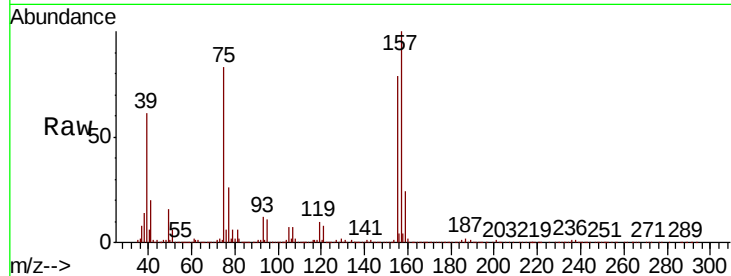
ClientSampleId :

RE134D1-20191202MS

Tot Ion:	75	Resp:	110065
Ion Ratio	Lower	Upper	
75	100		
155	98.5	47.6	142.8
157	125.4	62.1	186.2

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#93

1,2,4-Trichlorobenzene

Concen: 43.525 ug/l

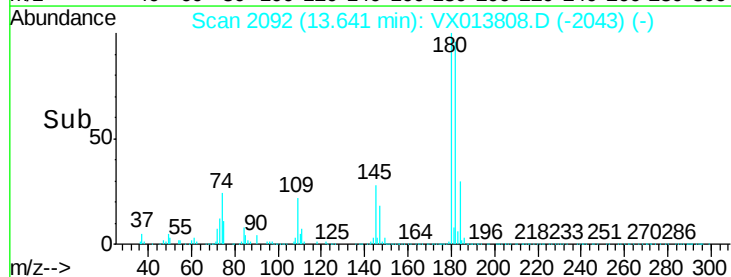
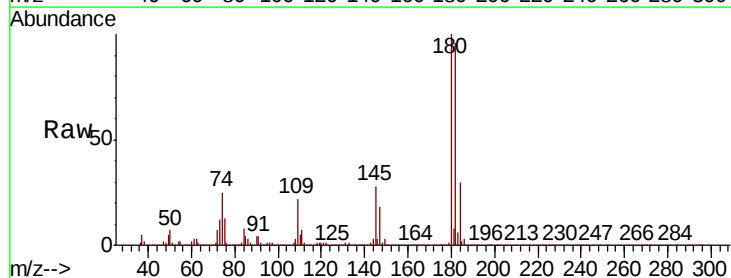
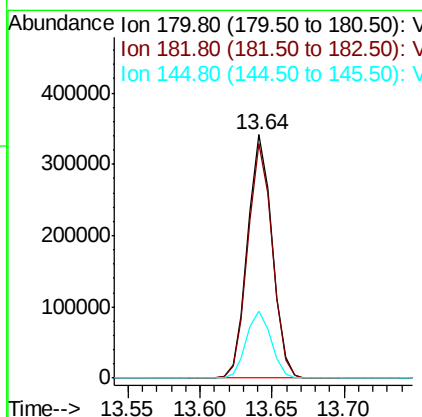
RT: 13.64 min Scan# 2092

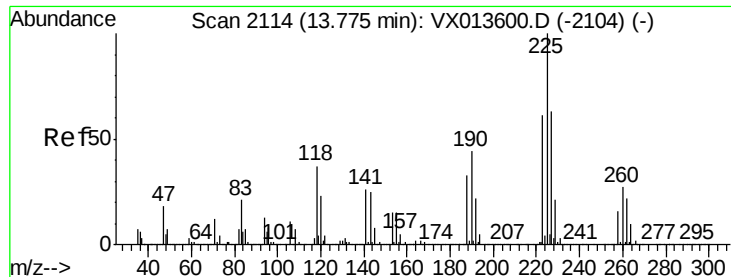
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion:	180	Resp:	401750
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.2	141.6
145	28.0	13.8	41.4





#94

Hexachlorobutadiene

Concen: 43.447 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Instrument :

MSVOA_X

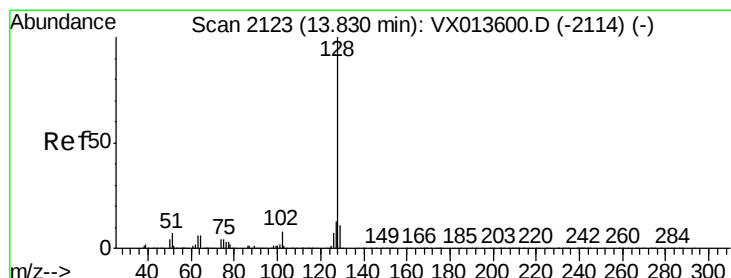
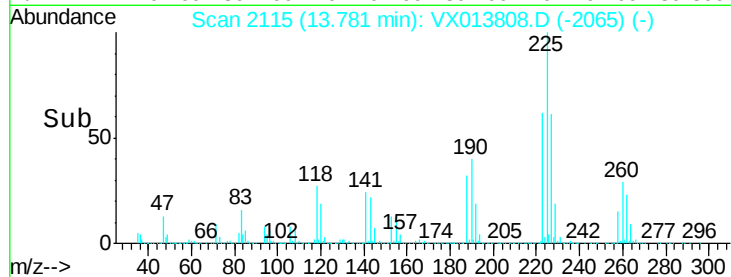
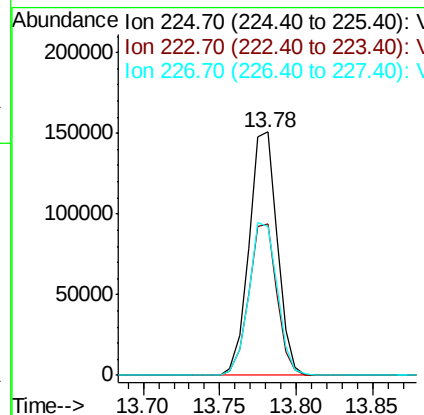
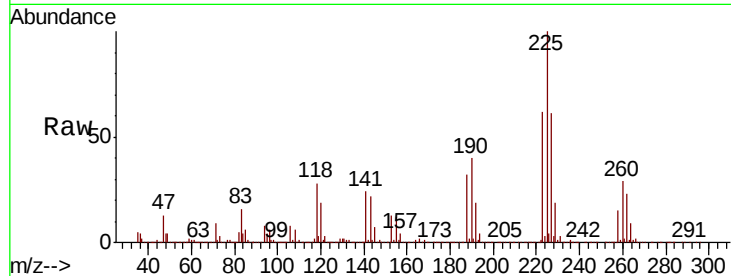
ClientSampleId :

RE134D1-20191202MS

Tot Ion:	225	Resp:	192646
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.9	95.5
227	63.3	32.1	96.3

Manual Integrations
APPROVED

apatel
12/9/2019 9:07:57 AM



#95

Naphthalene

Concen: 48.048 ug/l

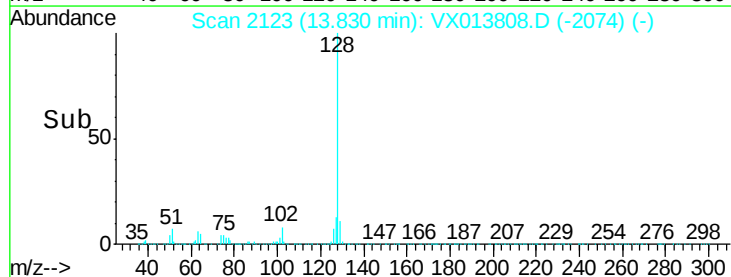
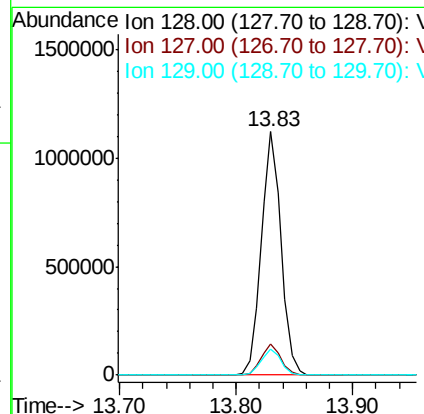
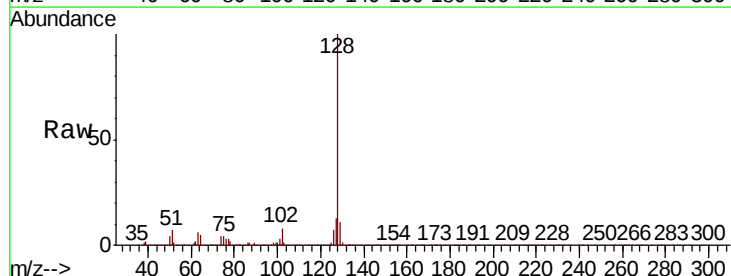
RT: 13.83 min Scan# 2123

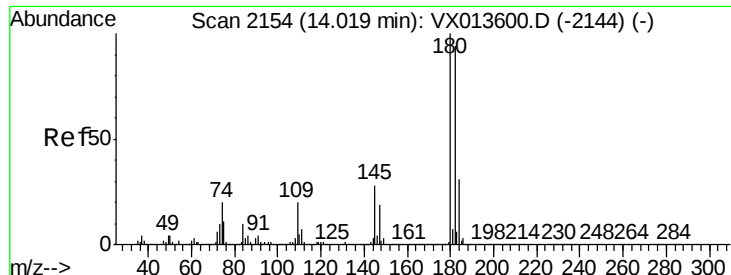
Delta R.T. -0.00 min

Lab File: VX013808.D

Acq: 06 Dec 2019 18:35

Tgt Ion:	128	Resp:	1320765
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.063 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VX013808.D
 Acq: 06 Dec 2019 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	411835		
182	96.5	47.6	142.8	
145	30.5	15.0	45.0	

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:07:57 AM

