

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013814.D
 Acq On : 06 Dec 2019 21:41
 Operator : JC/SP
 Sample : VX1206WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:11 AM

Quant Time: Dec 07 04:51:20 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	597068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	912558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	820462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	322623	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	261826	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
50) Toluene-d8	8.71	98	1002012	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	11.14	95	355275	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	117425	17.669	ug/l	97
3) Chloromethane	1.32	50	134520	18.040	ug/l	97
4) Vinyl Chloride	1.40	62	157167	18.726	ug/l	98
5) Bromomethane	1.63	94	97025	17.214	ug/l	97
6) Chloroethane	1.72	64	89018	18.639	ug/l	100
7) Trichlorofluoromethane	1.92	101	168891	18.122	ug/l	100
8) Diethyl Ether	2.18	74	80869	19.180	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103635	18.205	ug/l	99
10) Methyl Iodide	2.50	142	114733	16.662	ug/l	99
11) Tert butyl alcohol	3.03	59	150248	87.828	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102105	17.970	ug/l	97
13) Acrolein	2.28	56	98625	90.139	ug/l	98
14) Allyl chloride	2.72	41	184643	17.906	ug/l	99
15) Acrylonitrile	3.13	53	332815	94.250	ug/l	100
16) Acetone	2.43	43	380129	111.093	ug/l	99
17) Carbon Disulfide	2.56	76	258439	15.955	ug/l	99
18) Methyl Acetate	2.76	43	193252	20.282	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	364218	19.349	ug/l	100
20) Methylene Chloride	2.85	84	122339	18.610	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	110778	17.896	ug/l	97
22) Diisopropyl ether	3.84	45	381872	19.233	ug/l	95
23) Vinyl Acetate	3.80	43	947100	57.339	ug/l	98
24) 1,1-Dichloroethane	3.69	63	206223	18.999	ug/l	99
25) 2-Butanone	4.66	43	503660	99.042	ug/l	98
26) 2,2-Dichloropropane	4.57	77	135311	15.067	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	130488	18.356	ug/l	99
28) Bromochloromethane	5.01	49	83859	19.543	ug/l	100
29) Tetrahydrofuran	5.12	42	293577	93.646	ug/l	99
30) Chloroform	5.20	83	203792	18.513	ug/l	100
31) Cyclohexane	5.57	56	178592	17.444	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	168318	18.298	ug/l	99
36) 1,1-Dichloropropene	5.79	75	145029	17.508	ug/l	99
37) Ethyl Acetate	4.82	43	175772	18.914	ug/l	99
38) Carbon Tetrachloride	5.77	117	140320	18.370	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013814.D
 Acq On : 06 Dec 2019 21:41
 Operator : JC/SP
 Sample : VX1206WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1206WBS02

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:11 AM

Quant Time: Dec 07 04:51:20 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	175211	17.111	ug/l	98
40) Benzene	6.14	78	465968	18.469	ug/l	99
41) Methacrylonitrile	5.03	41	98079	19.244	ug/l	99
42) 1,2-Dichloroethane	6.18	62	167993	19.524	ug/l	99
43) Isopropyl Acetate	6.43	43	286825	18.748	ug/l	99
44) Trichloroethene	7.21	130	136637	19.733	ug/l	99
45) 1,2-Dichloropropane	7.51	63	122469	19.401	ug/l	94
46) Dibromomethane	7.66	93	78354	18.276	ug/l	100
47) Bromodichloromethane	7.89	83	152519	18.818	ug/l	99
48) Methyl methacrylate	7.76	41	140007	18.834	ug/l	98
49) 1,4-Dioxane	7.73	88	55129	331.319	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	919899	95.587	ug/l	99
52) Toluene	8.78	92	291797	18.617	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	161178	17.471	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	183434	18.200	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124523	19.715	ug/l	98
56) Ethyl methacrylate	9.17	69	189108	18.623	ug/l	98
57) 1,3-Dichloropropane	9.37	76	206565	18.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351497	88.284	ug/l	100
59) 2-Hexanone	9.48	43	720333	95.971	ug/l	99
60) Dibromochloromethane	9.57	129	122339	18.664	ug/l	97
61) 1,2-Dibromoethane	9.67	107	125316	18.577	ug/l	99
64) Tetrachloroethene	9.33	164	184361	30.132	ug/l	97
65) Chlorobenzene	10.14	112	315213	18.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	115698	18.914	ug/l	98
67) Ethyl Benzene	10.25	91	550192	18.796	ug/l	99
68) m/p-Xylenes	10.35	106	415736	37.096	ug/l	98
69) o-Xylene	10.70	106	204379	18.699	ug/l	99
70) Styrene	10.71	104	340285	18.508	ug/l	100
71) Bromoform	10.85	173	94073	18.587	ug/l #	100
73) Isopropylbenzene	11.01	105	533756	19.039	ug/l	99
74) N-amyl acetate	10.89	43	238914	18.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	172484	17.741	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172846m	19.228	ug/l	
77) Bromobenzene	11.25	156	143671	18.969	ug/l	99
78) n-propylbenzene	11.35	91	587084	18.759	ug/l	99
79) 2-Chlorotoluene	11.42	91	357481	19.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	443506	19.302	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52242	15.899	ug/l	93
82) 4-Chlorotoluene	11.51	91	403867	18.574	ug/l	100
83) tert-Butylbenzene	11.76	119	377900	16.183	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	445721	19.113	ug/l	100
85) sec-Butylbenzene	11.94	105	511543	19.178	ug/l	99
86) p-Isopropyltoluene	12.06	119	465590	18.763	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241362	18.281	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	243603	18.115	ug/l	99
89) n-Butylbenzene	12.38	91	382288	18.063	ug/l	99
90) Hexachloroethane	12.59	117	80155	17.871	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	243366	18.656	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38864	18.356	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013814.D
Acq On : 06 Dec 2019 21:41
Operator : JC/SP
Sample : VX1206WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

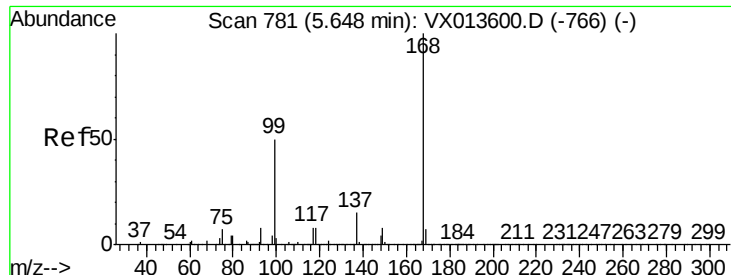
Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM

Quant Time: Dec 07 04:51:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156400	17.204	ug/l	98
94) Hexachlorobutadiene	13.77	225	76171	17.442	ug/l	98
95) Naphthalene	13.83	128	488289	18.035	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	164370	18.261	ug/l	99

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



#1

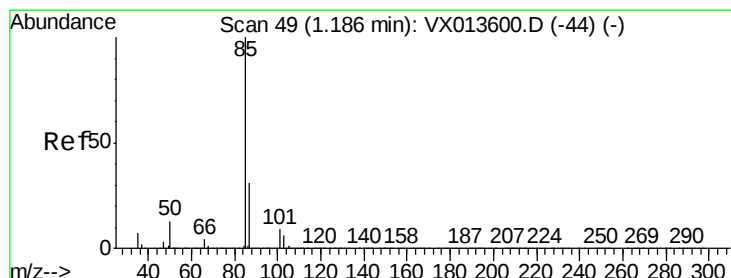
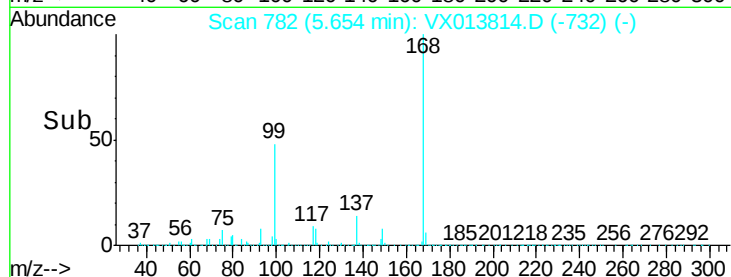
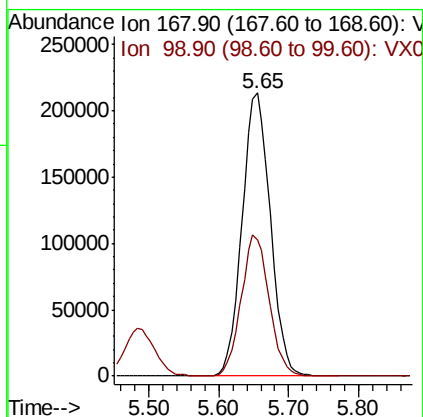
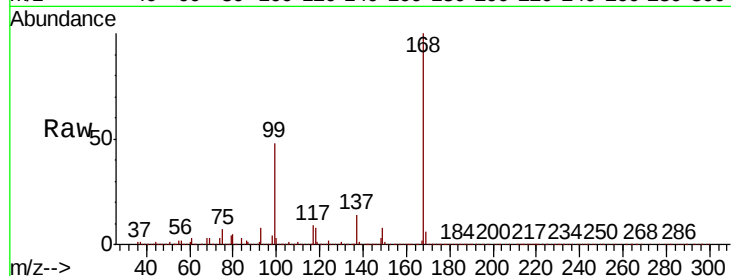
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.8	59.8

Manual Integrations
 APPROVED

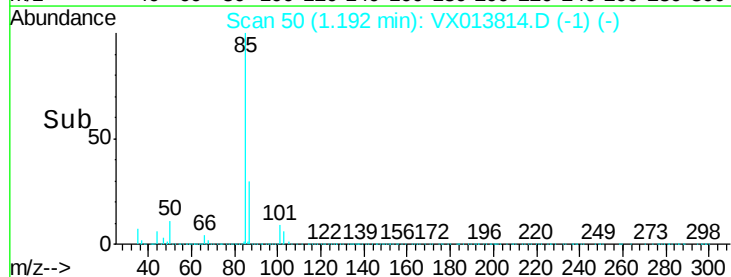
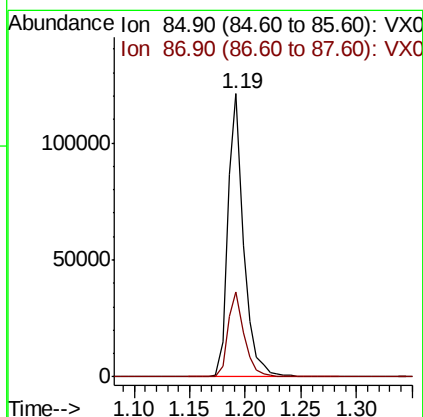
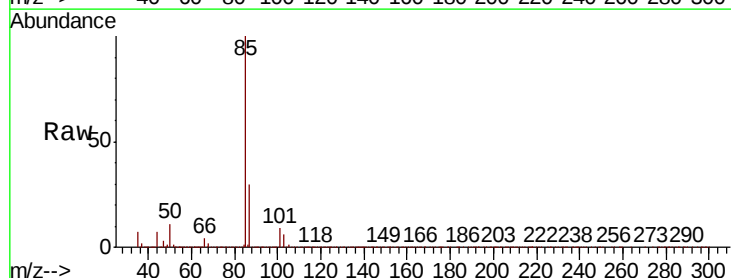
apatel
 12/9/2019 9:08:11 AM

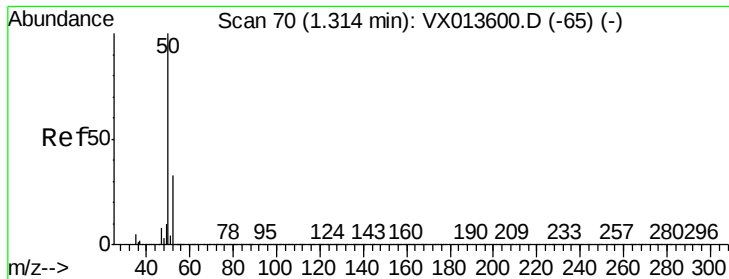


#2

Dichlorodifluoromethane
 Concen: 17.669 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.8	15.7	47.1





#3

Chloromethane

Concen: 18.040 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 50 Resp: 134520

Ion Ratio Lower Upper

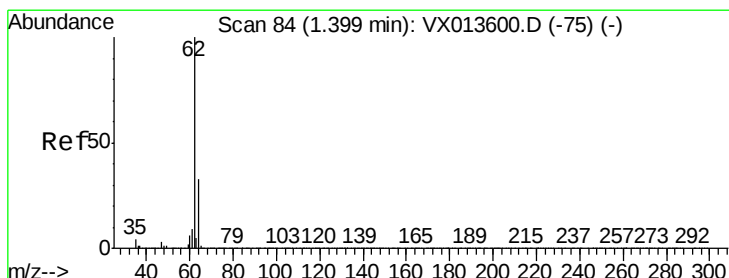
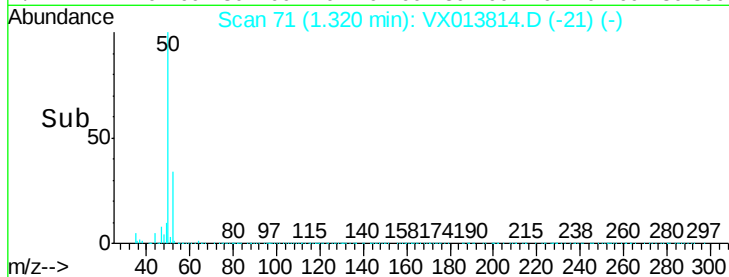
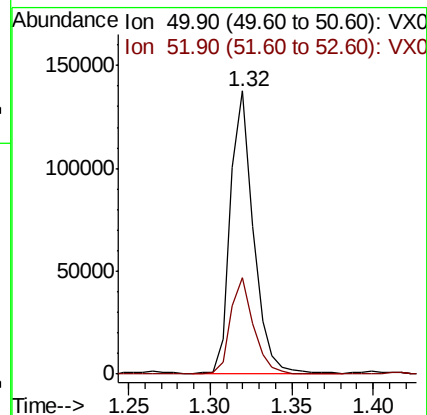
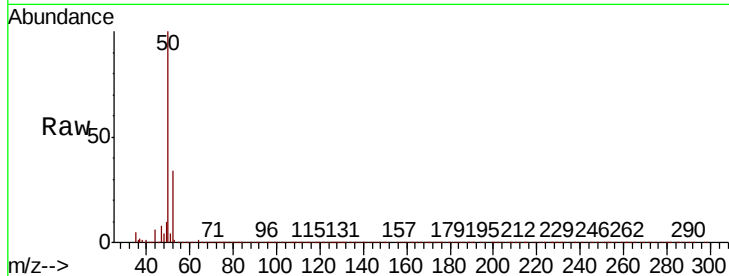
50 100

52 34.3 26.0 39.0

Manual Integrations
APPROVED

apatel

12/9/2019 9:08:11 AM



#4

Vinyl Chloride

Concen: 18.726 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013814.D

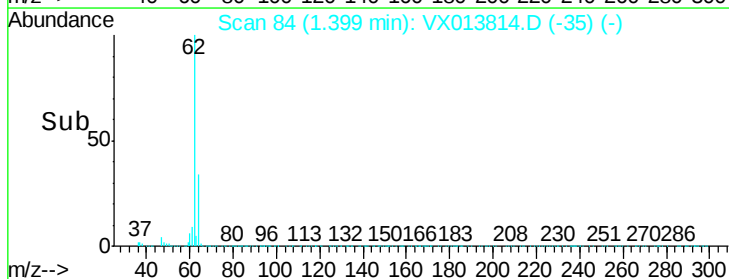
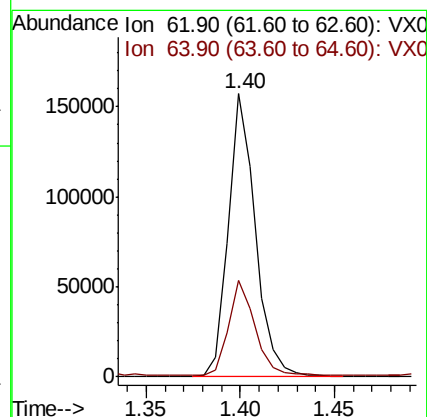
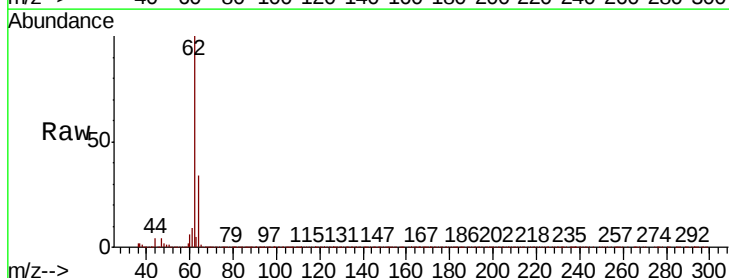
Acq: 06 Dec 2019 21:41

Tgt Ion: 62 Resp: 157167

Ion Ratio Lower Upper

62 100

64 33.5 26.0 39.0





#5

Bromomethane

Concen: 17.214 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 94 Resp: 97025

Ion Ratio Lower Upper

94 100

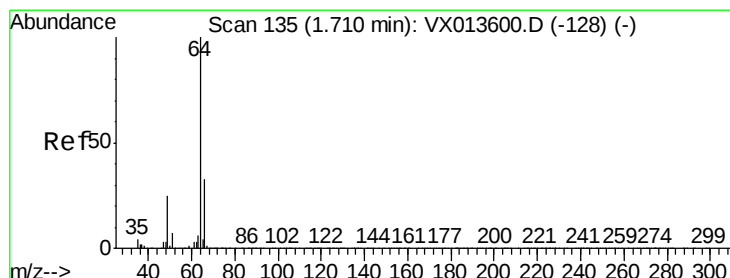
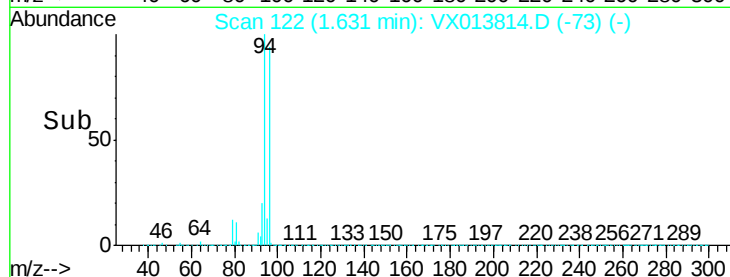
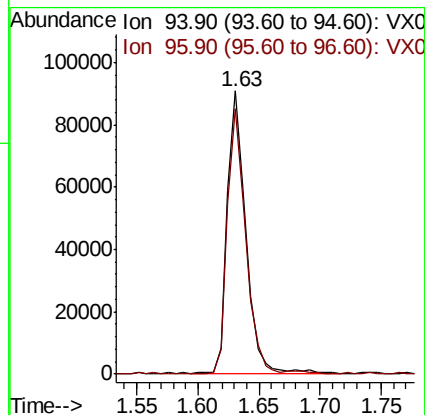
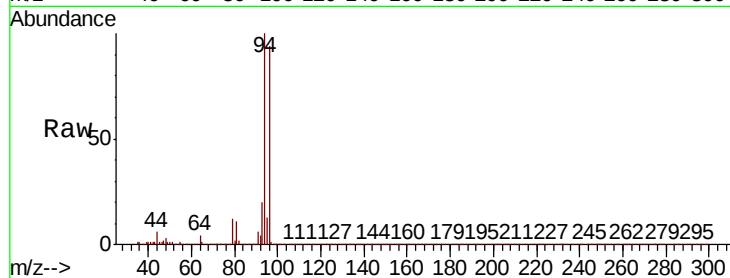
96 93.6 77.0 115.4

Manual Integrations

APPROVED

apatel

12/9/2019 9:08:11 AM



#6

Chloroethane

Concen: 18.639 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013814.D

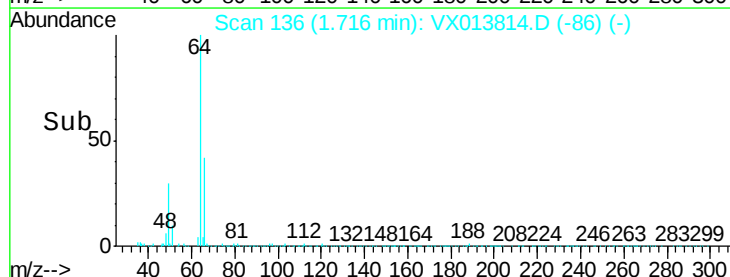
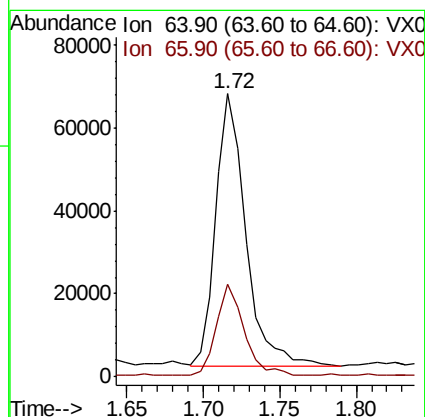
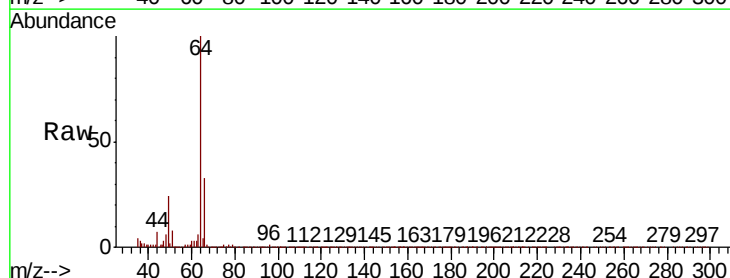
Acq: 06 Dec 2019 21:41

Tgt Ion: 64 Resp: 89018

Ion Ratio Lower Upper

64 100

66 33.6 26.7 40.1





#7

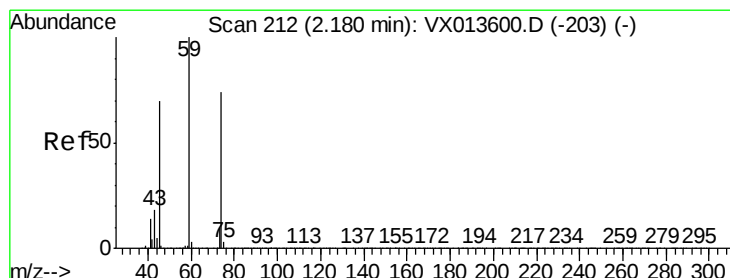
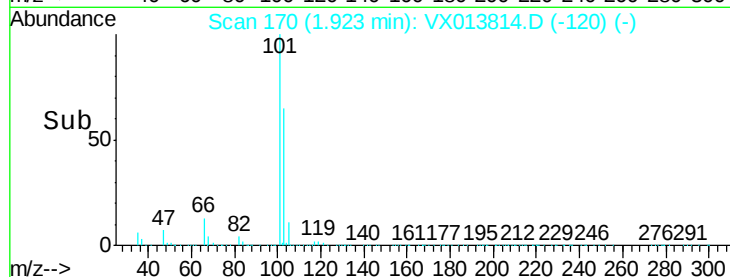
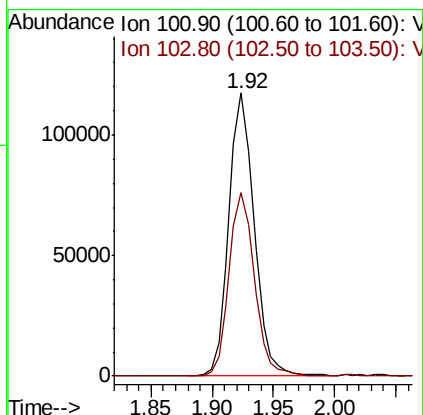
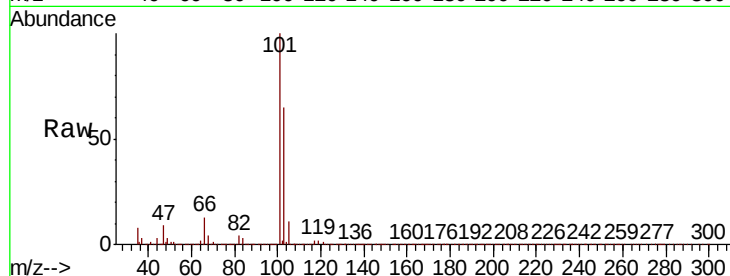
Trichlorofluoromethane
Concen: 18.122 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.6

Manual Integrations
APPROVED

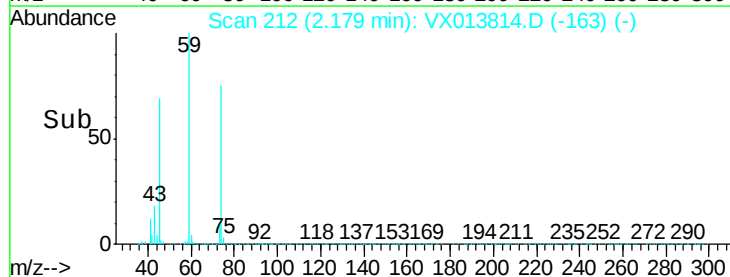
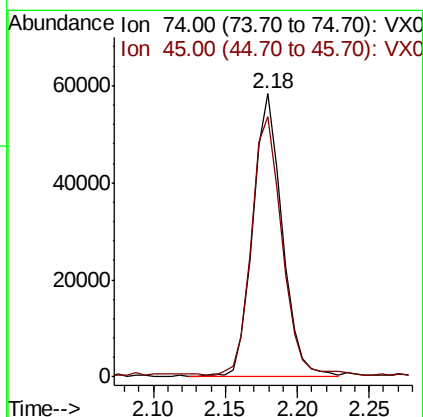
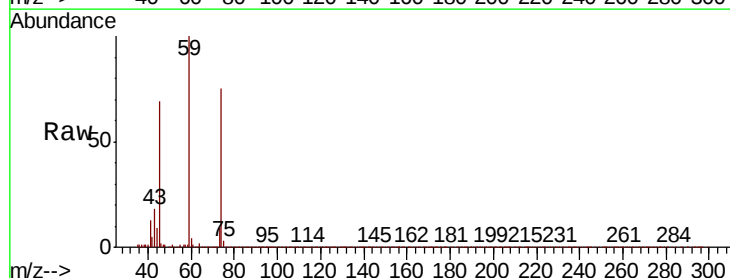
apatel
12/9/2019 9:08:11 AM

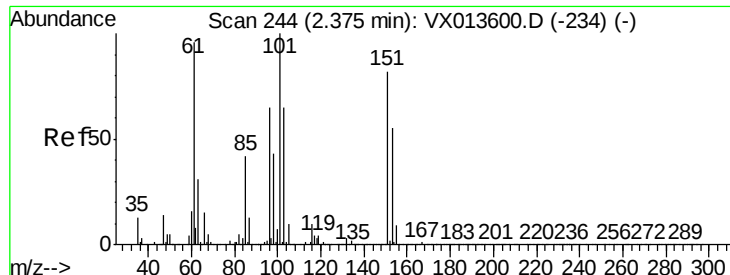


#8

Diethyl Ether
Concen: 19.180 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.205 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

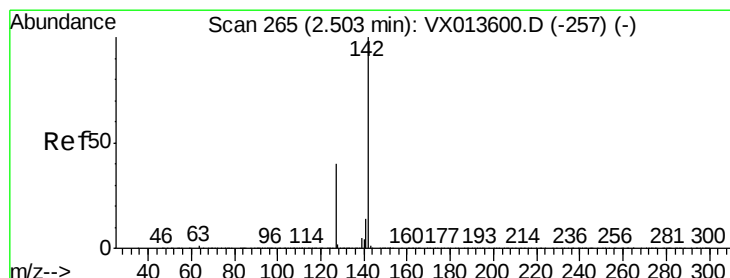
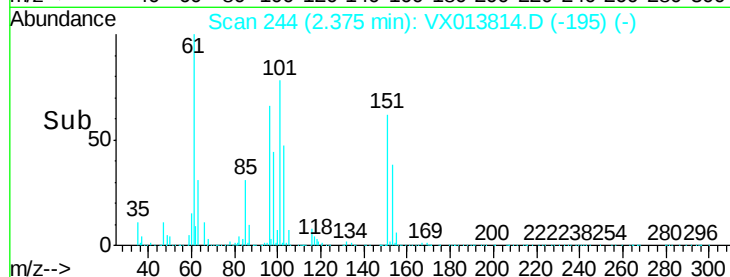
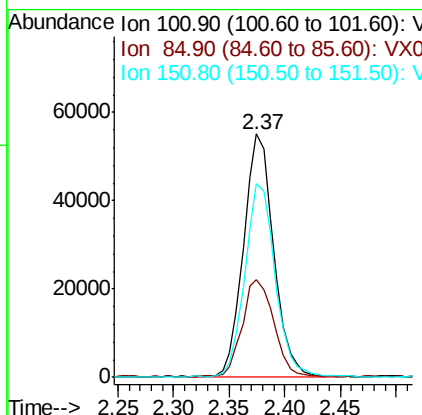
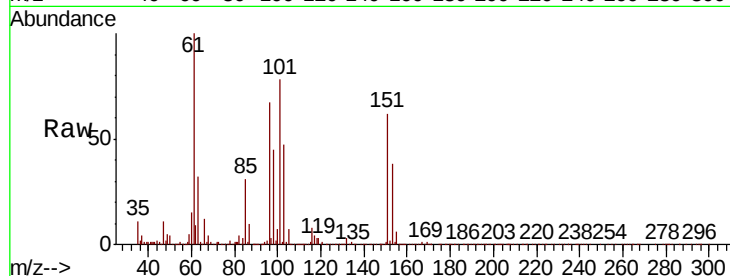
ClientSampleId :

VX1206WBS02

Tot Ion:	101	Resp:	103635
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	80.4	64.2	96.2

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#10

Methyl Iodide

Concen: 16.662 ug/l

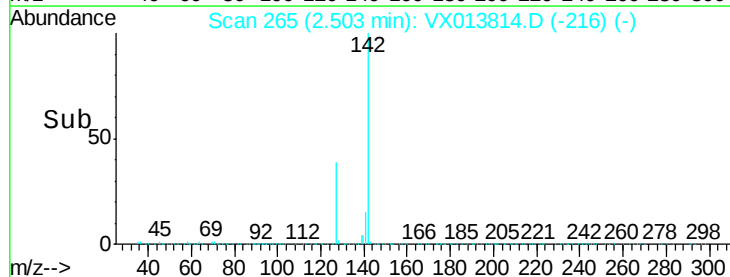
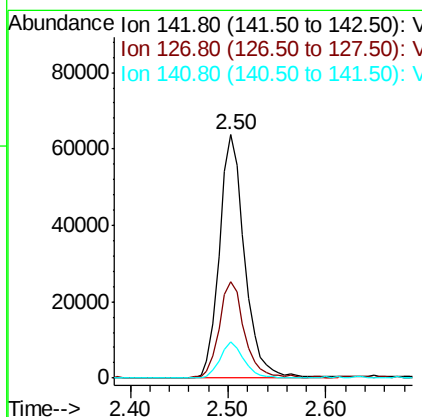
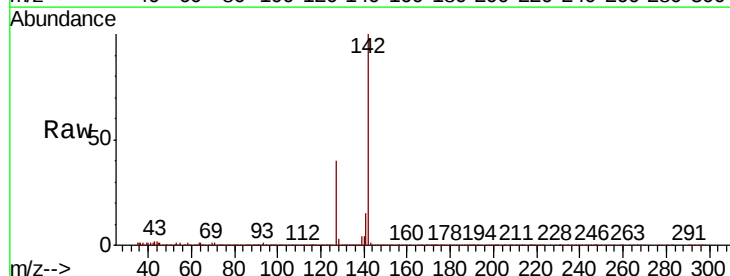
RT: 2.50 min Scan# 265

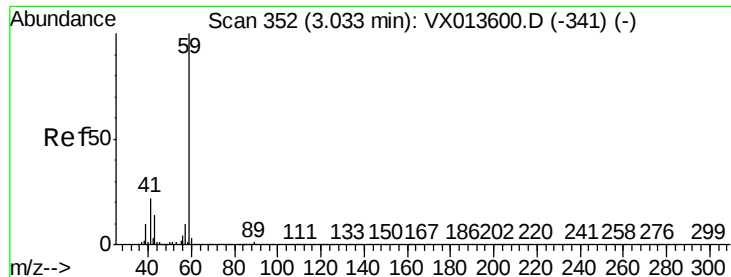
Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	142	Resp:	114733
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.0	46.4
141	14.2	11.6	17.4





#11

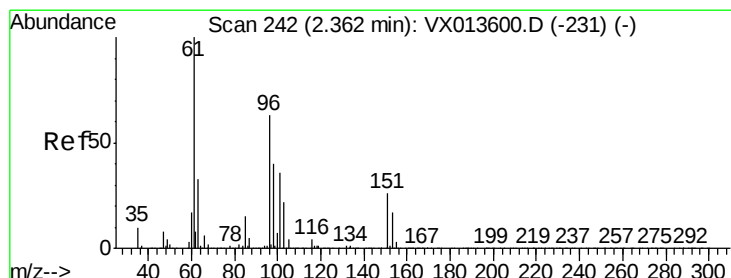
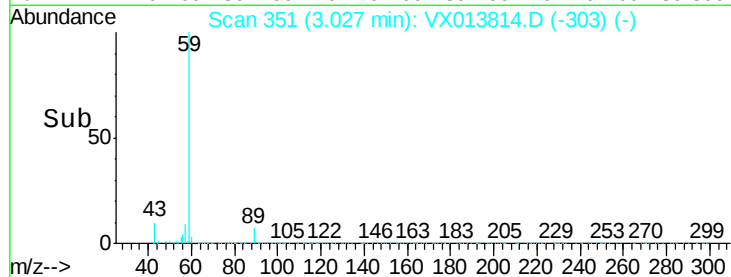
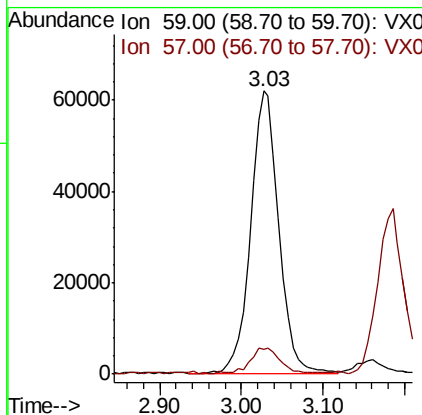
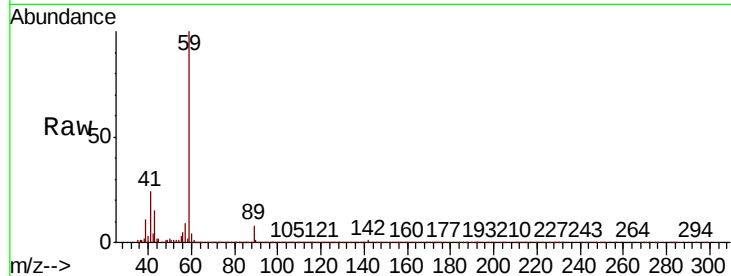
Tert butyl alcohol
Concen: 87.828 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.8	11.6

Manual Integrations
APPROVED

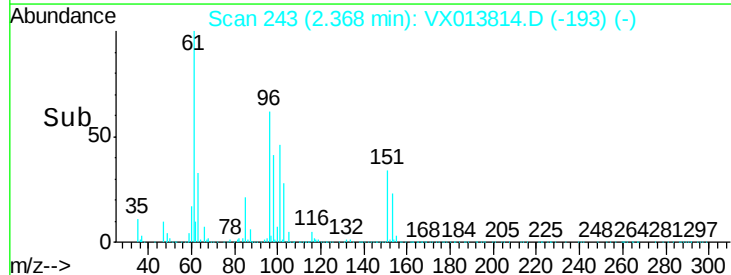
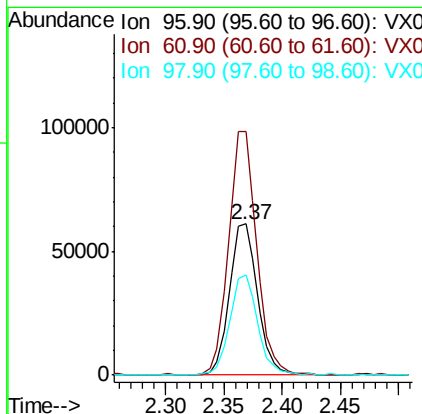
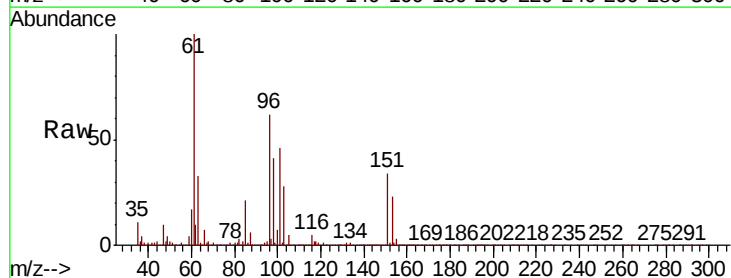
apatel
12/9/2019 9:08:11 AM

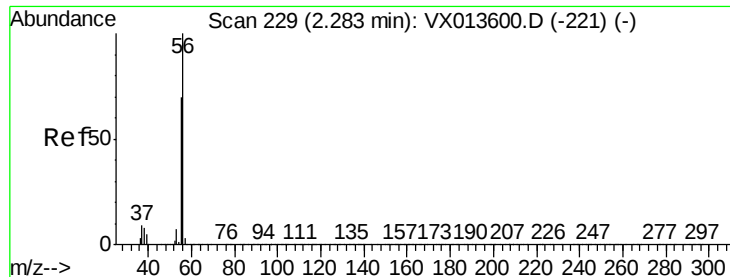


#12

1,1-Dichloroethene
Concen: 17.970 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	126.6	190.0
98	66.4	50.6	76.0





#13

Acrolein

Concen: 90.139 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 56 Resp: 98625

Ion Ratio Lower Upper

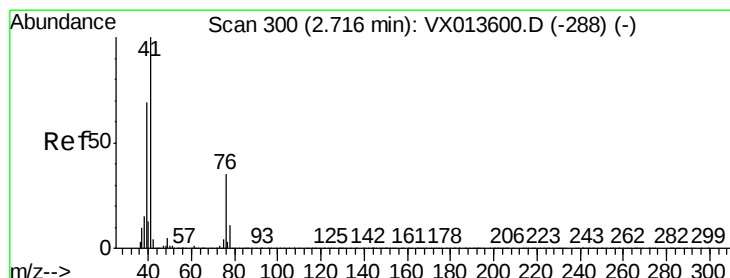
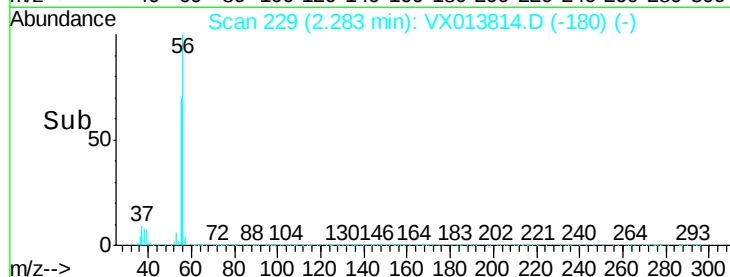
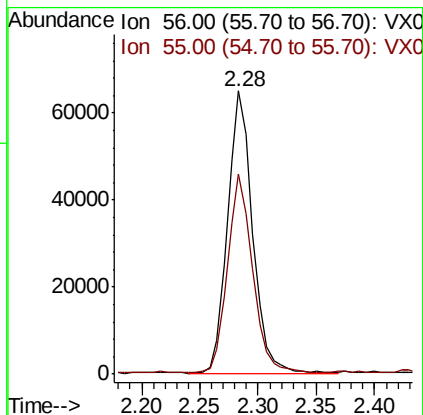
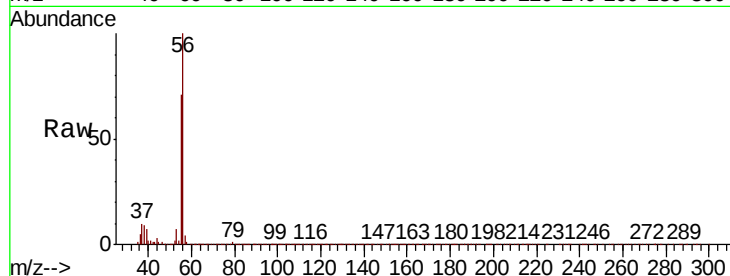
56 100

55 69.0 56.2 84.4

Manual Integrations
APPROVED

apatel

12/9/2019 9:08:11 AM



#14

Allyl chloride

Concen: 17.906 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

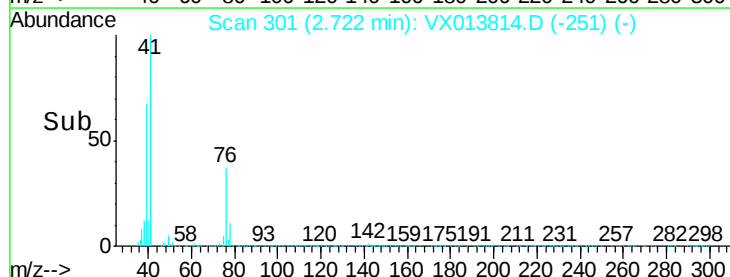
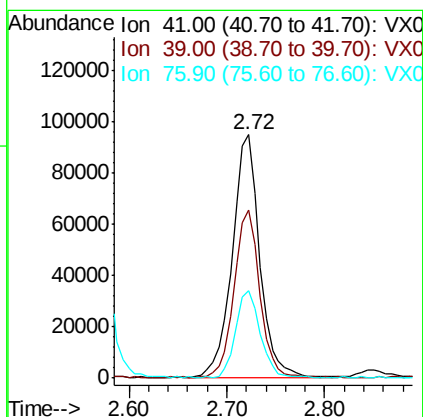
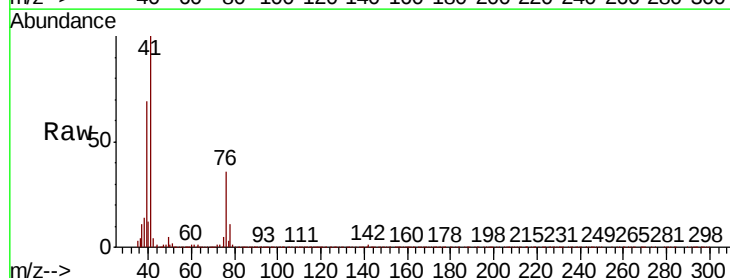
Tgt Ion: 41 Resp: 184643

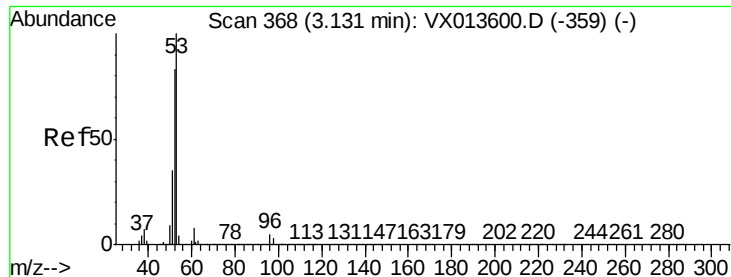
Ion Ratio Lower Upper

41 100

39 64.1 51.7 77.5

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 94.250 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

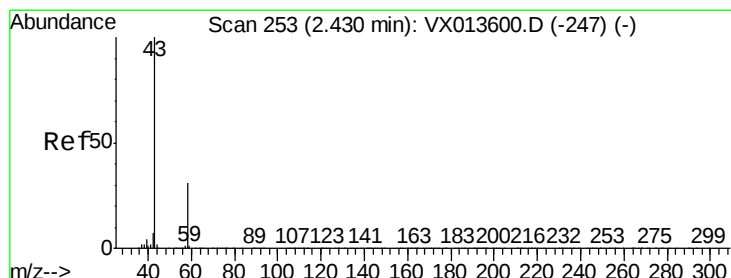
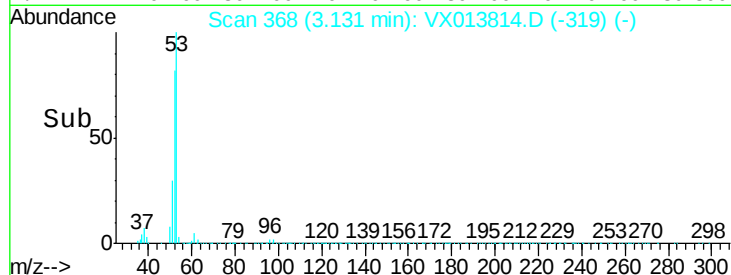
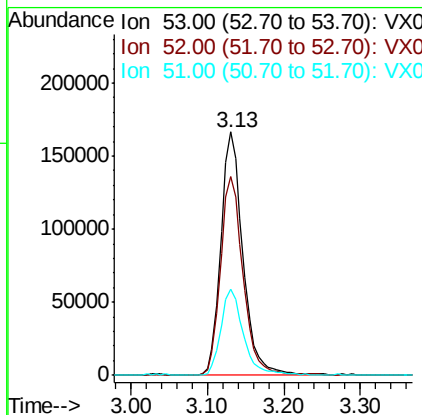
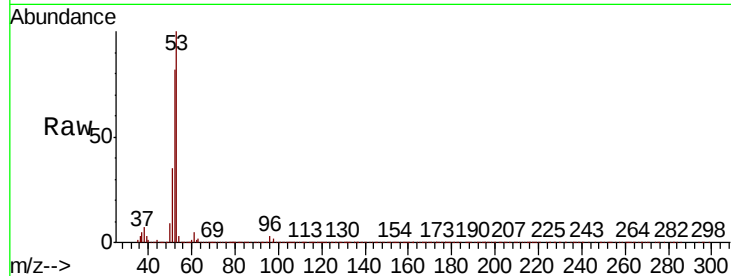
ClientSampleId :

VX1206WBS02

Tot Ion:	53	Resp:	332815
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.2
51	36.0	29.0	43.6

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#16

Acetone

Concen: 111.093 ug/l

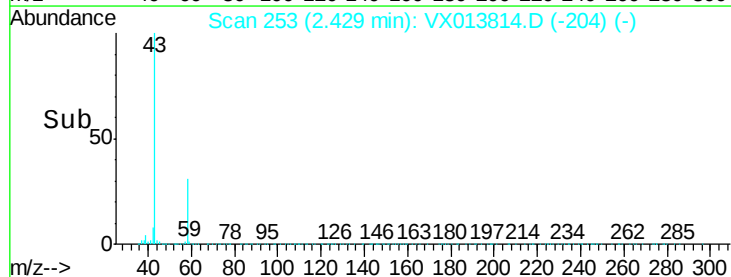
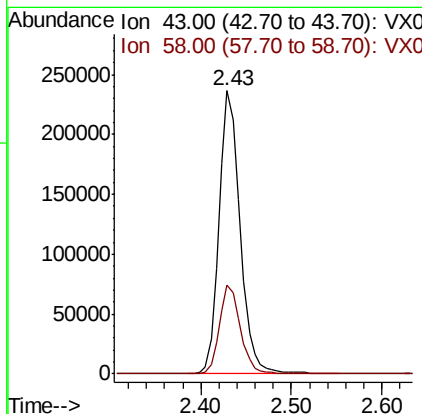
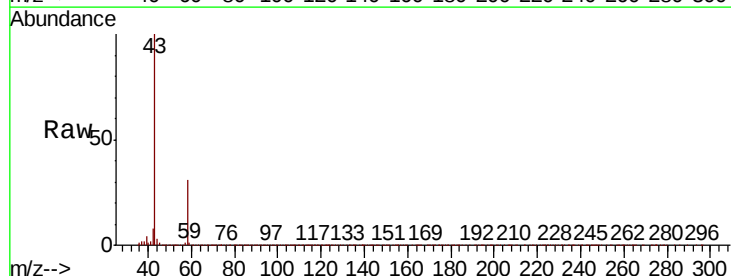
RT: 2.43 min Scan# 253

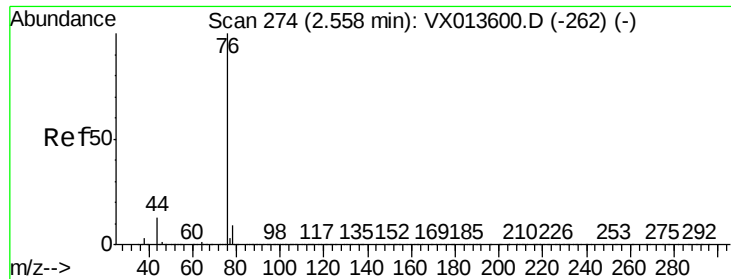
Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	43	Resp:	380129
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.6	36.8





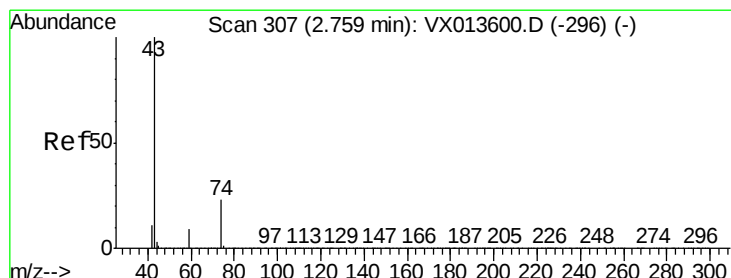
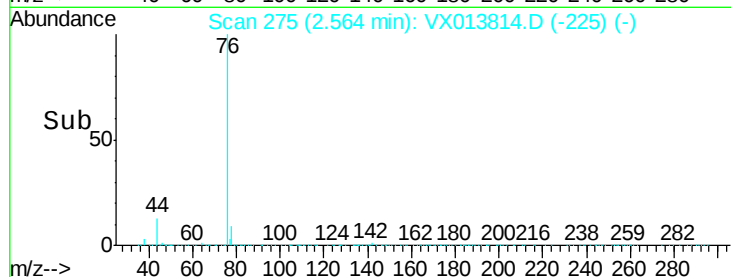
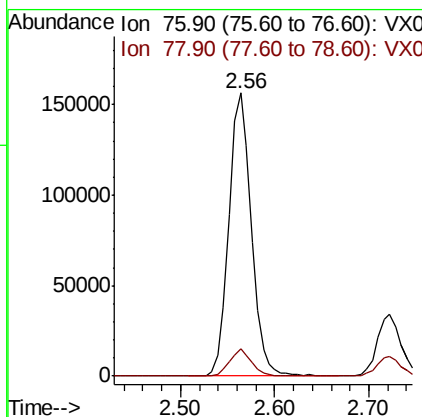
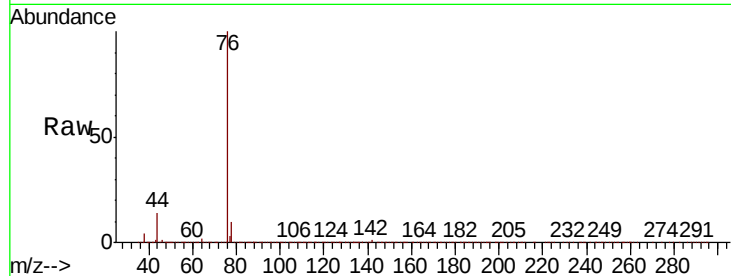
#17
Carbon Disulfide
Concen: 15.955 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

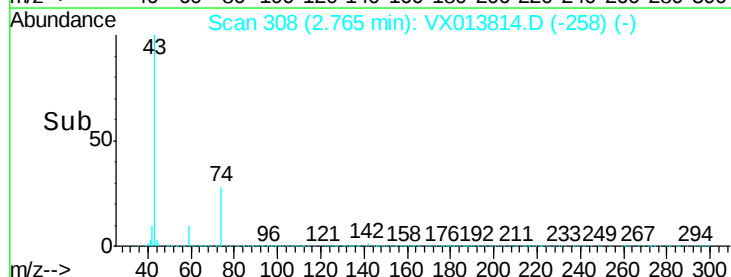
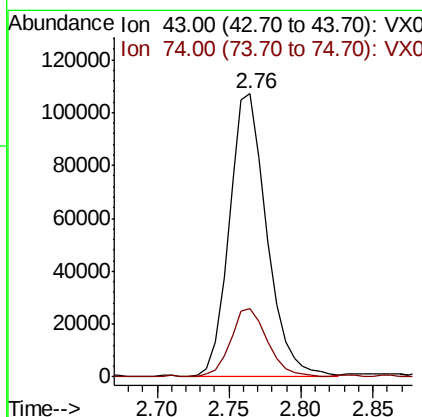
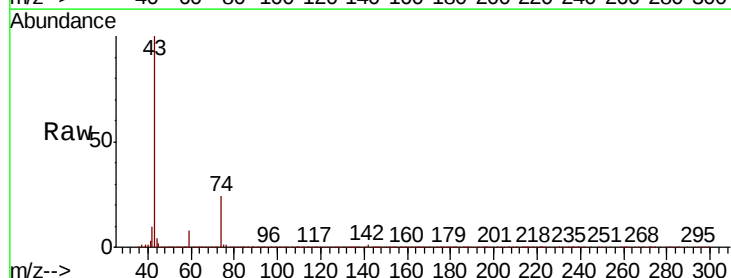
Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#18
Methyl Acetate
Concen: 20.282 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.5	29.3





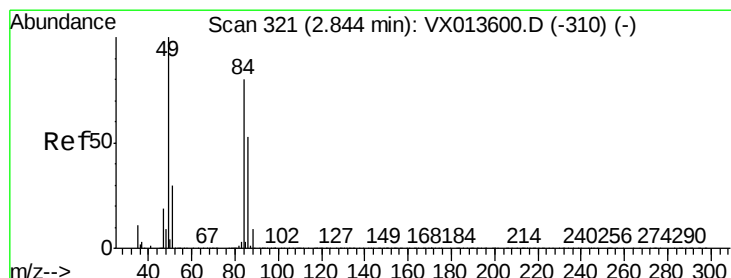
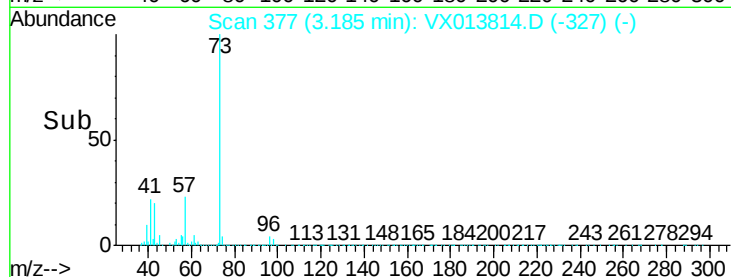
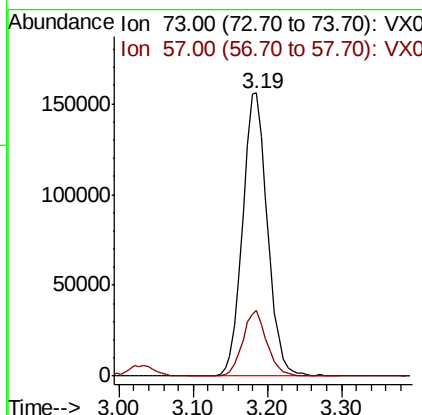
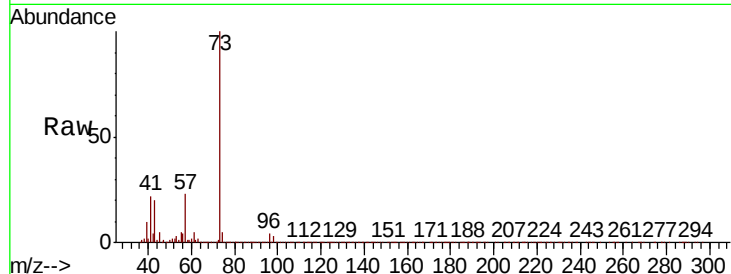
#19
Methvl tert-butvl Ether
Concen: 19.349 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.3	27.5

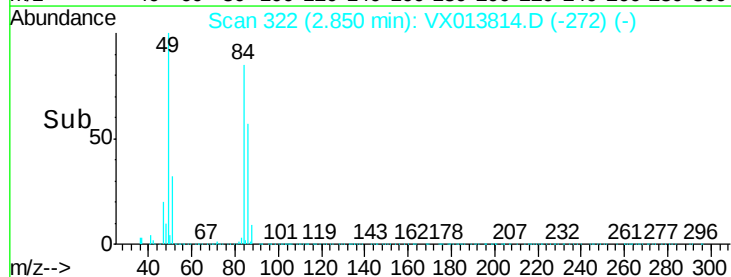
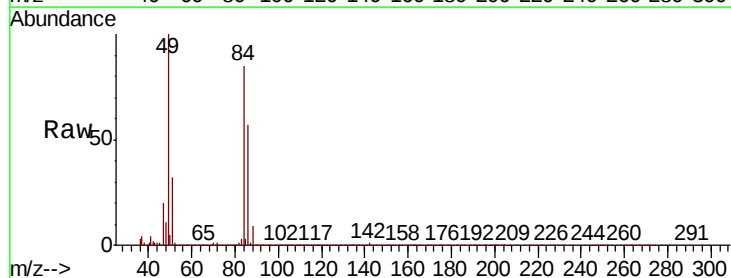
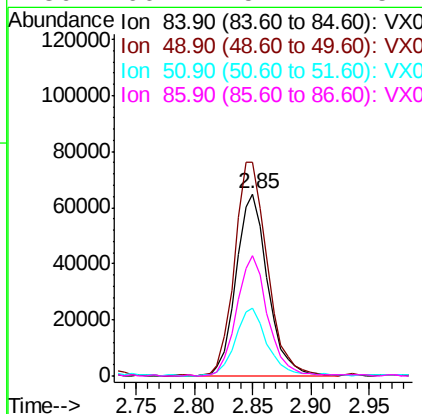
Manual Integrations
APPROVED

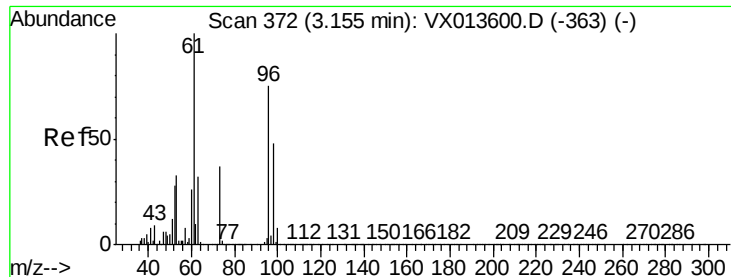
apatel
12/9/2019 9:08:11 AM



#20
Methylene Chloride
Concen: 18.610 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.9	99.7	149.5
51	37.3	29.9	44.9
86	66.2	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 17.896 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 96 Resp: 110778

Ion Ratio Lower Upper

96 100

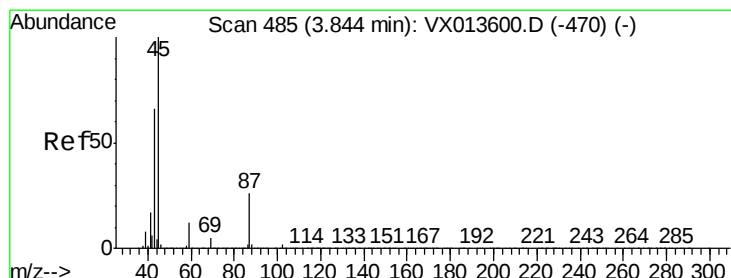
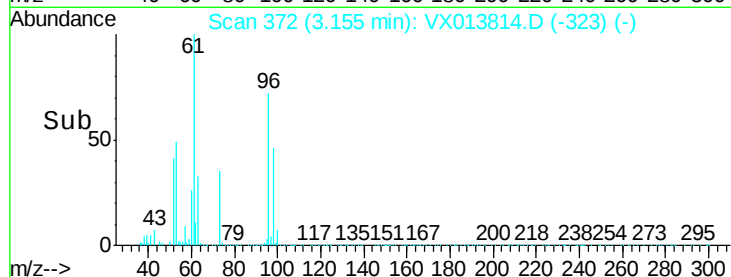
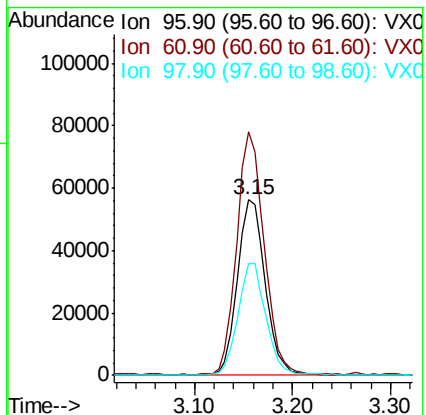
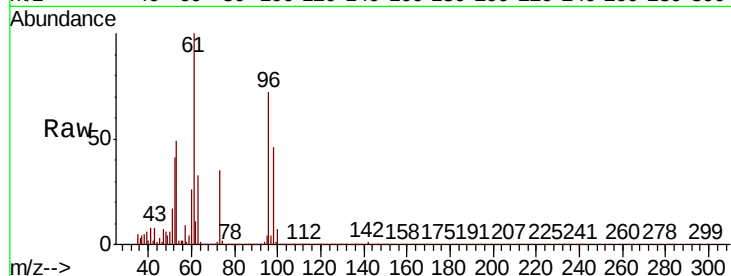
61 138.7 107.2 160.8

98 63.4 51.4 77.0

Manual Integrations
APPROVED

apatel

12/9/2019 9:08:11 AM



#22

Diisopropyl ether

Concen: 19.233 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion: 45 Resp: 381872

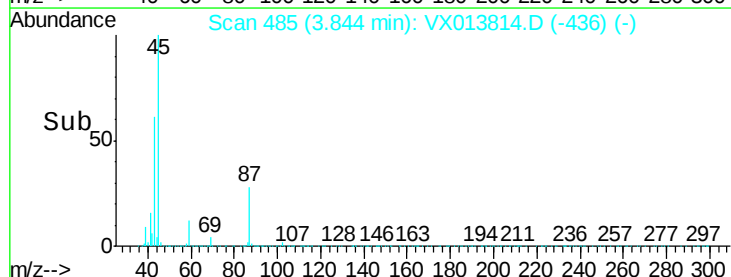
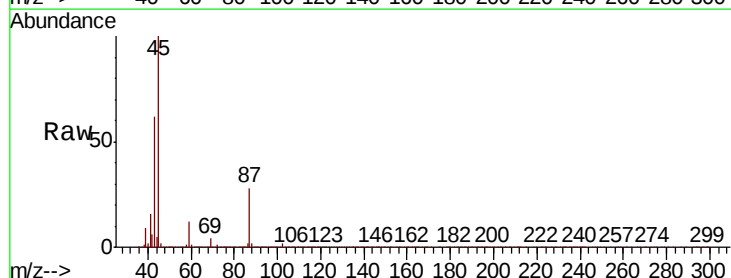
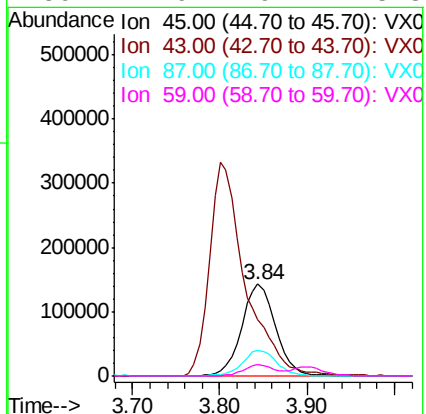
Ion Ratio Lower Upper

45 100

43 59.9 52.6 79.0

87 27.6 21.1 31.7

59 11.9 9.2 13.8





#23

Vinyl Acetate

Concen: 57.339 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 43 Resp: 947100

Ion Ratio Lower Upper

43 100

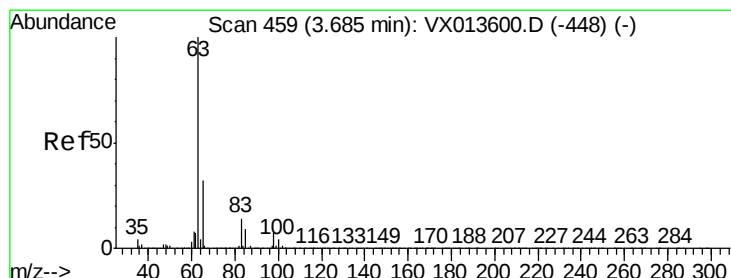
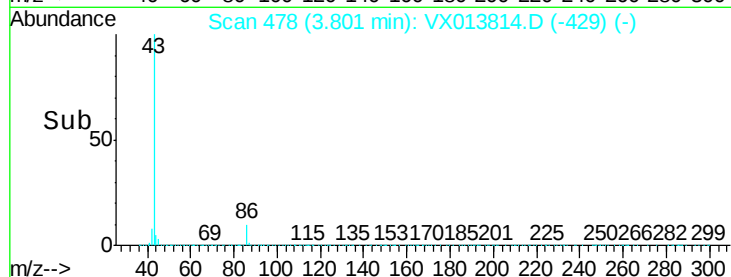
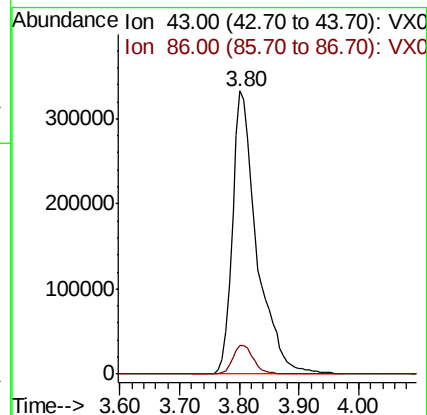
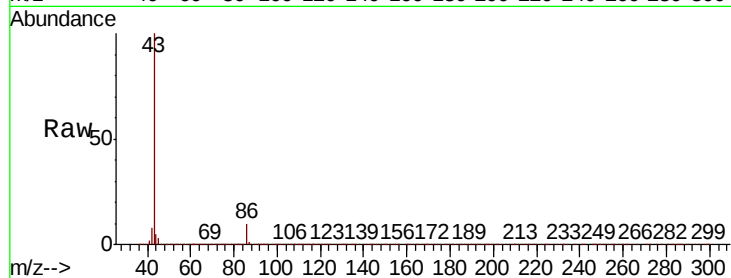
86 10.1 8.7 13.1

Manual Integrations

APPROVED

apatel

12/9/2019 9:08:11 AM



#24

1,1-Dichloroethane

Concen: 18.999 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

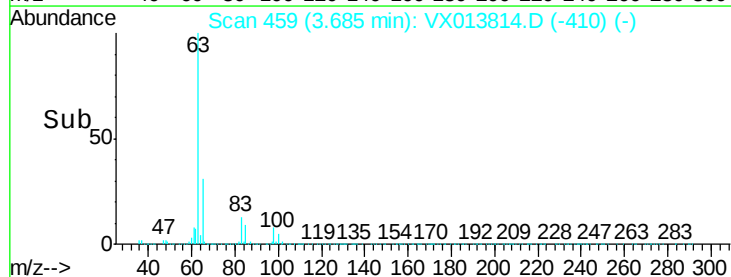
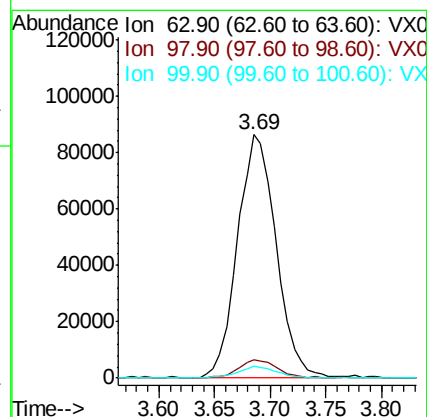
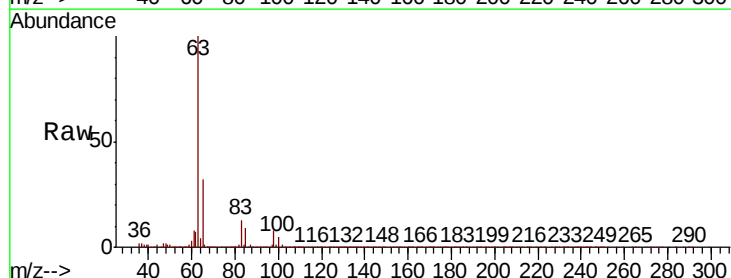
Tgt Ion: 63 Resp: 206223

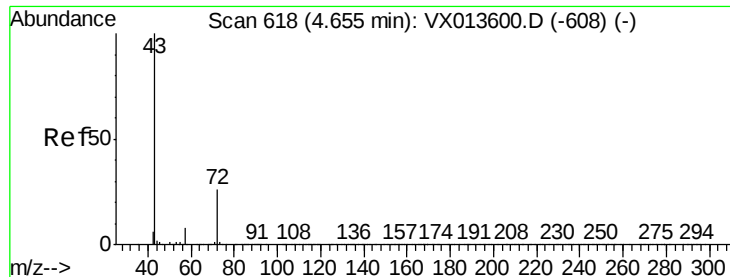
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 99.042 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 43 Resp: 503660

Ion Ratio Lower Upper

43 100

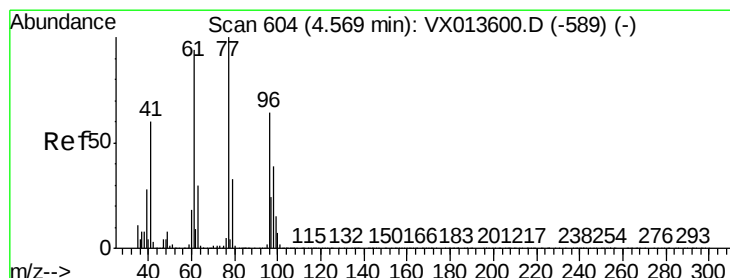
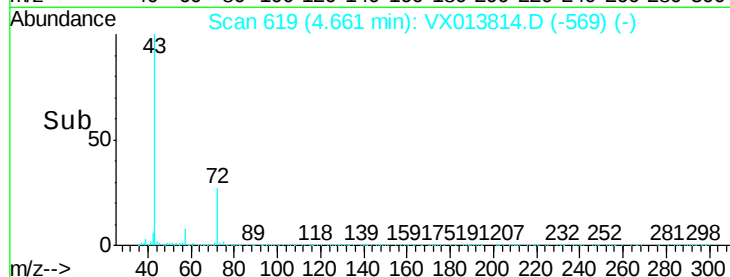
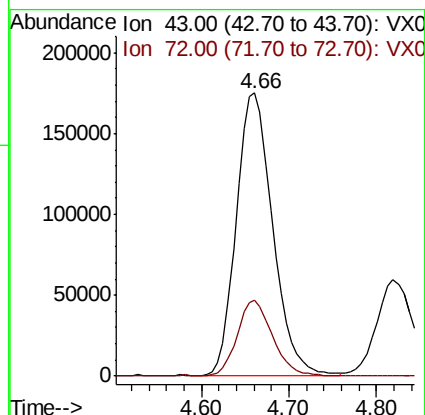
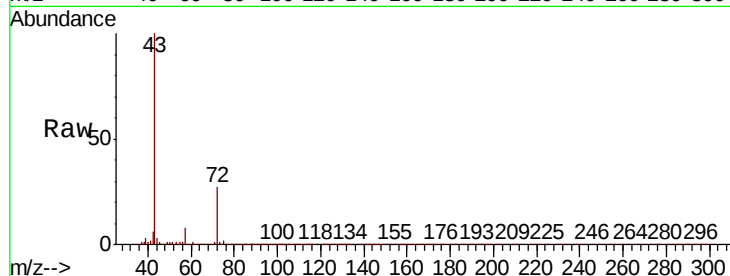
72 26.8 20.6 31.0

Manual Integrations

APPROVED

apatel

12/9/2019 9:08:11 AM



#26

2,2-Dichloropropane

Concen: 15.067 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013814.D

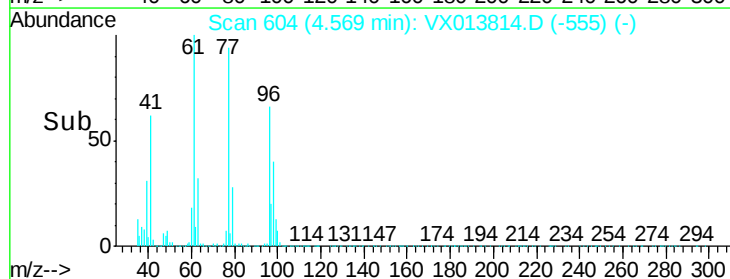
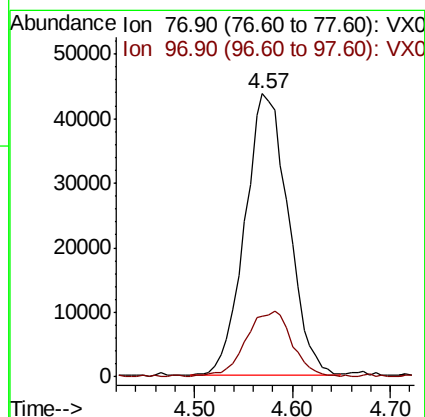
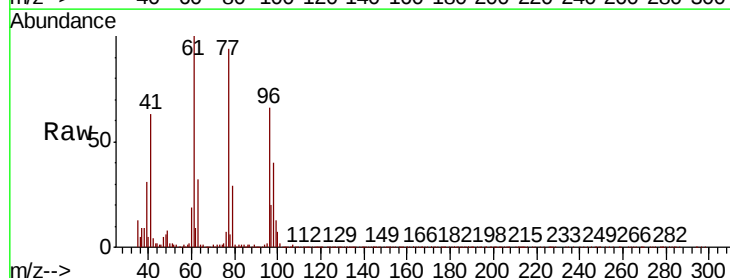
Acq: 06 Dec 2019 21:41

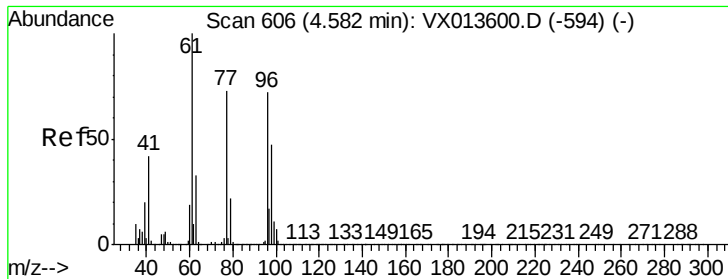
Tgt Ion: 77 Resp: 135311

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

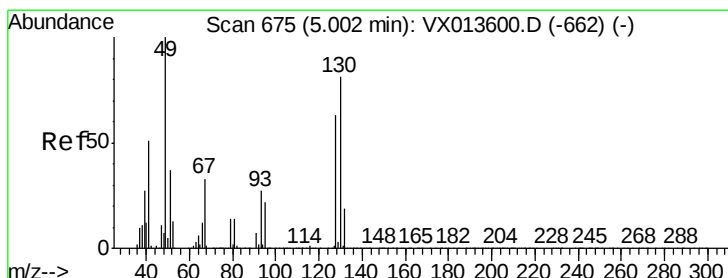
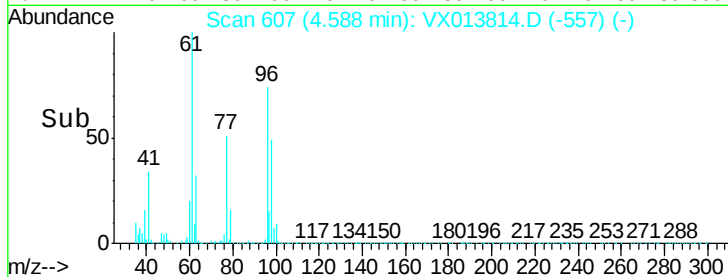
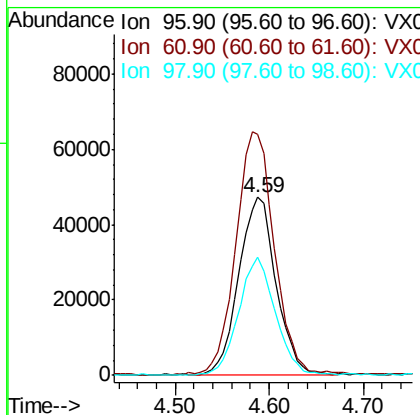
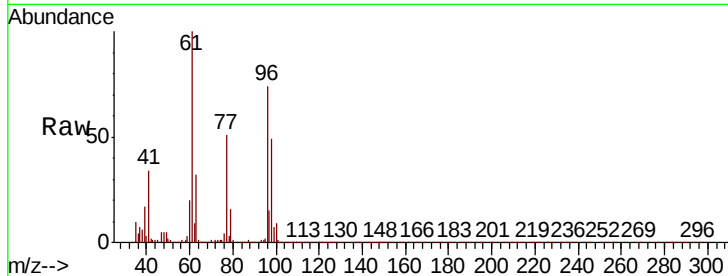
cis-1,2-Dichloroethene
Concen: 18.356 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	130488		
61	142.2	0.0	286.4	
98	64.5	0.0	127.4	

Manual Integrations
APPROVED

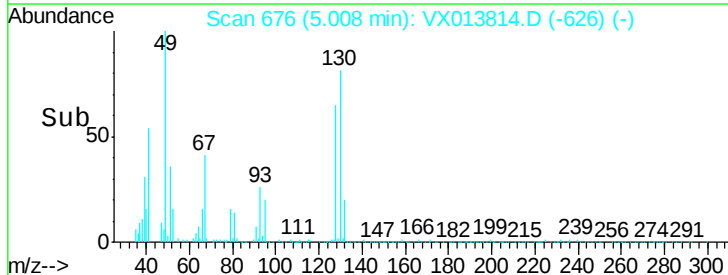
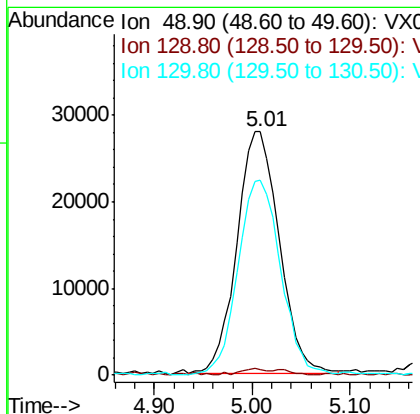
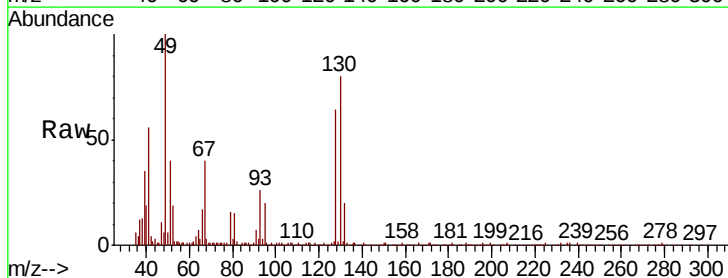
apatel
12/9/2019 9:08:11 AM

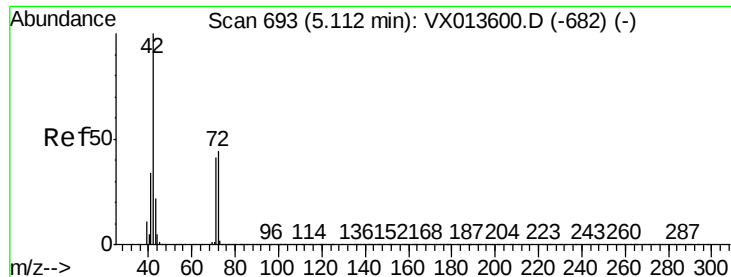


#28

Bromochloromethane
Concen: 19.543 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83859		
129	1.3	0.0	5.0	
130	81.9	65.4	98.0	





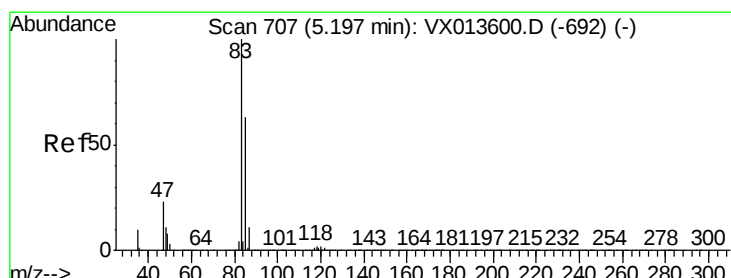
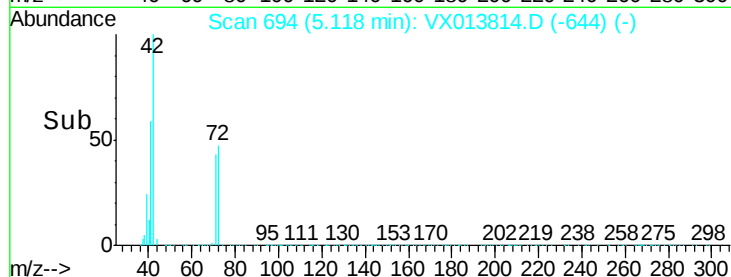
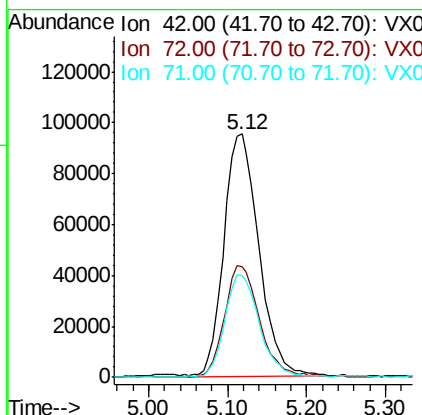
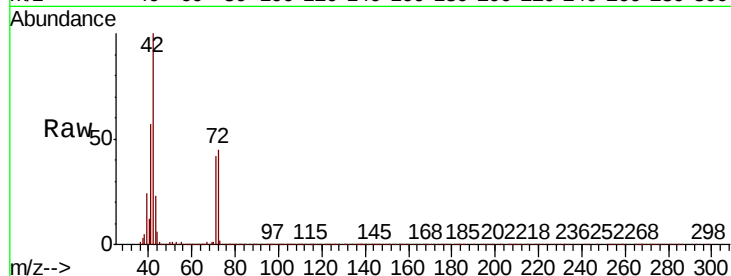
#29
Tetrahydrofuran
Concen: 93.646 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.3	54.5
71	41.7	33.2	49.8

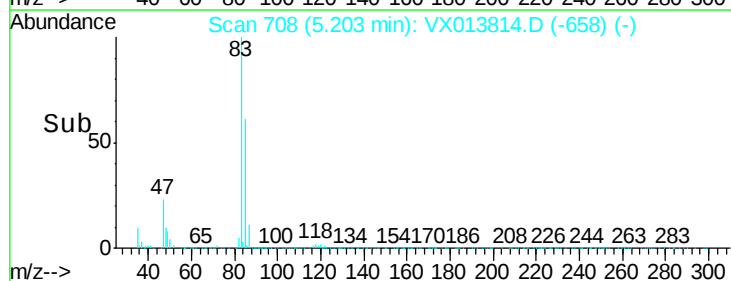
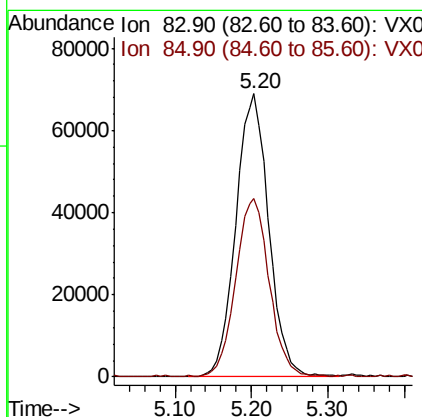
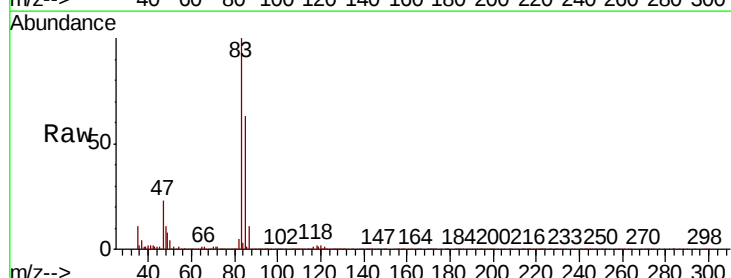
Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#30
Chloroform
Concen: 18.513 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.2	75.4





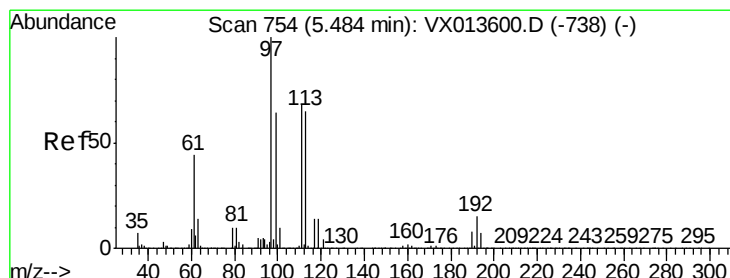
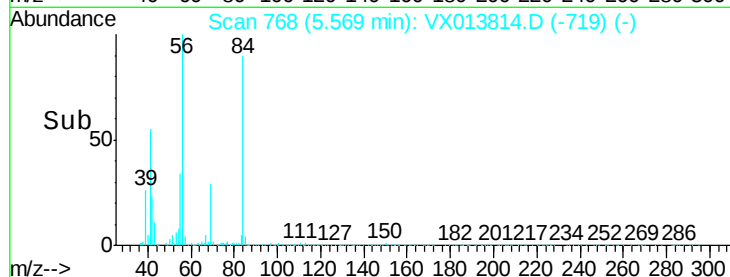
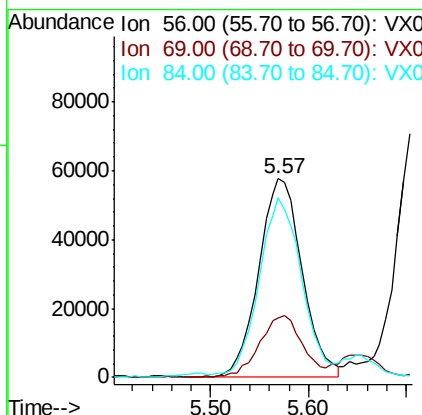
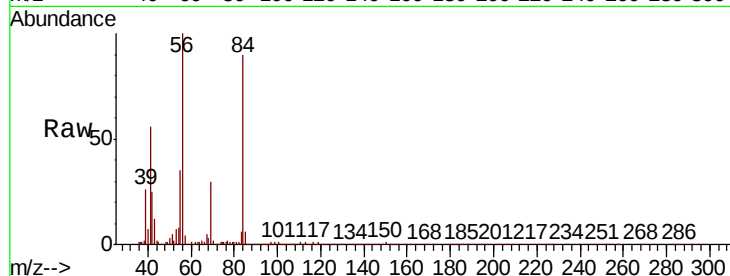
#31
Cyclohexane
Concen: 17.444 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.6	36.8
84	88.6	70.0	105.0

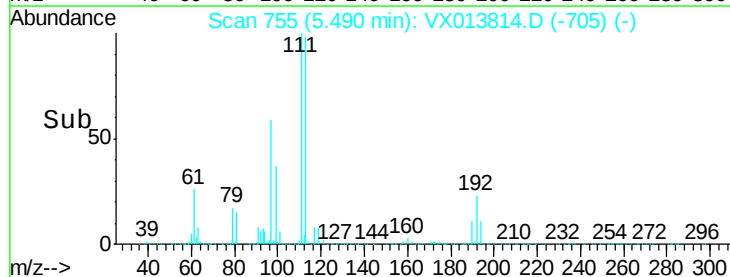
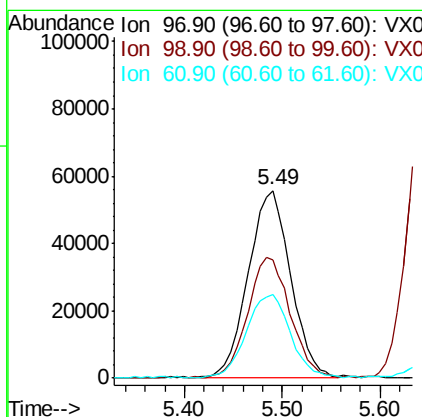
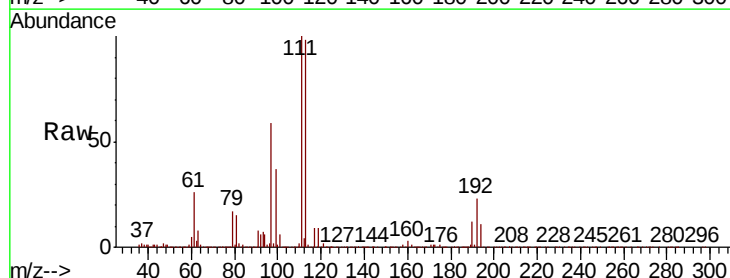
Manual Integrations
APPROVED

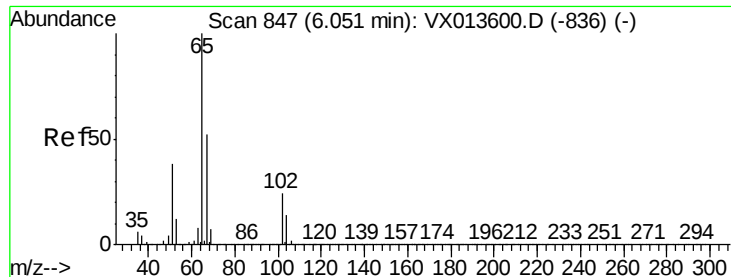
apatel
12/9/2019 9:08:11 AM



#32
1,1,1-Trichloroethane
Concen: 18.298 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	45.2	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.550 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 65 Resp: 322623

Ion Ratio Lower Upper

65 100

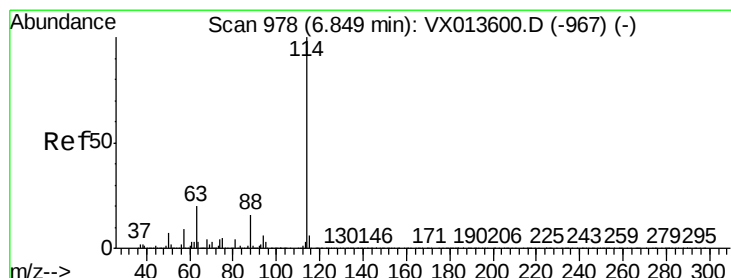
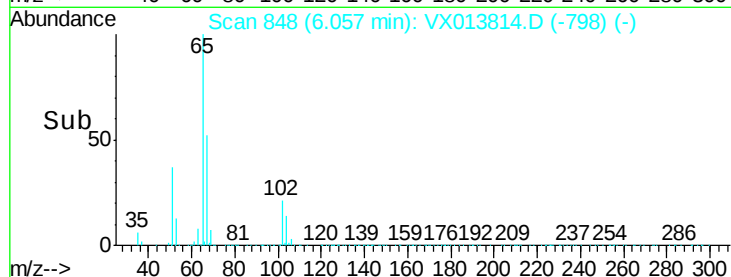
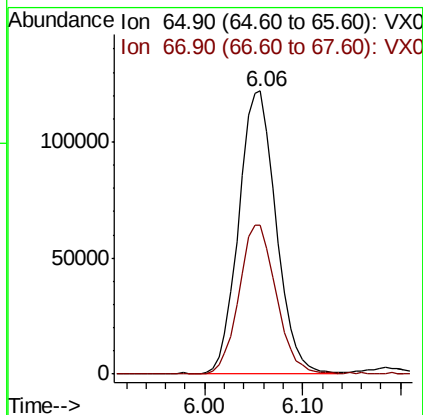
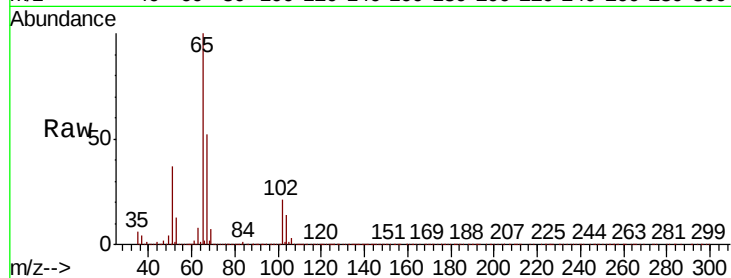
67 51.9 0.0 104.4

Manual Integrations

APPROVED

apatel

12/9/2019 9:08:11 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

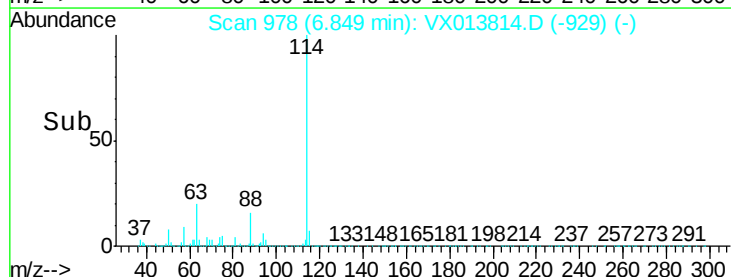
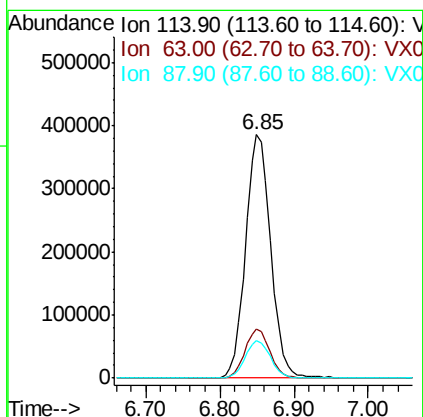
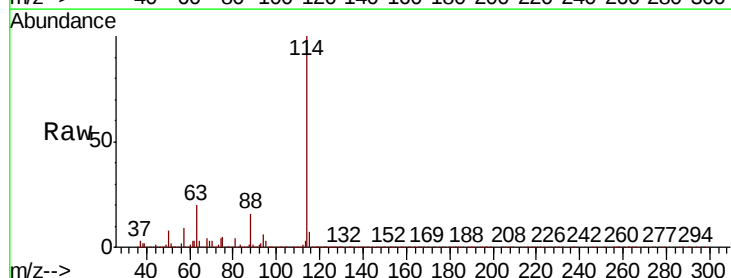
Tgt Ion: 114 Resp: 912558

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.5 0.0 31.4





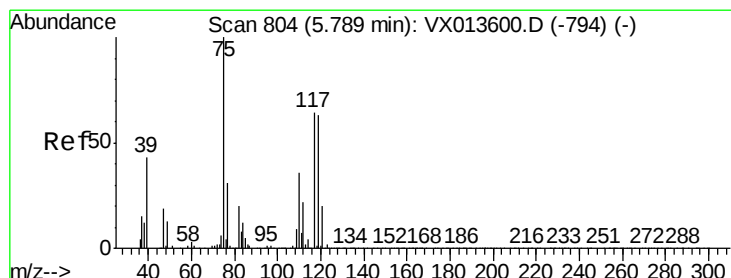
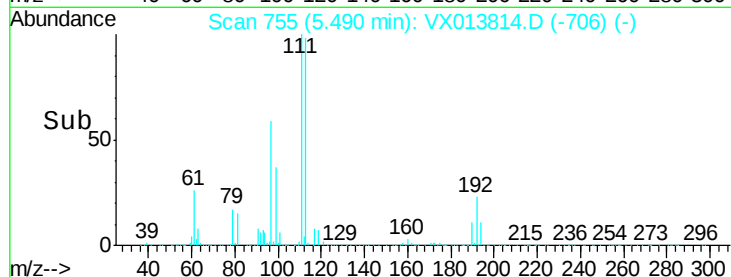
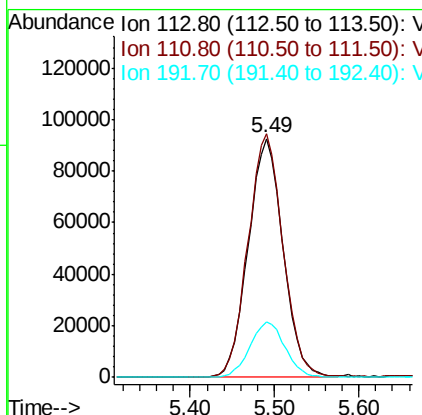
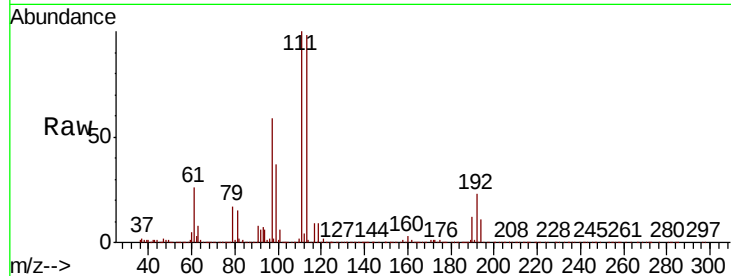
#35
Dibromofluoromethane
Concen: 46.410 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	261826		
111	102.2	83.6	125.4	
192	23.6	19.2	28.8	

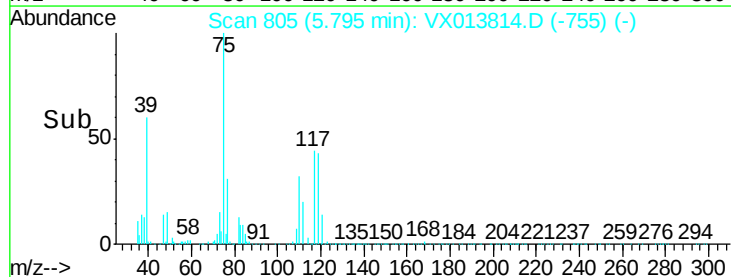
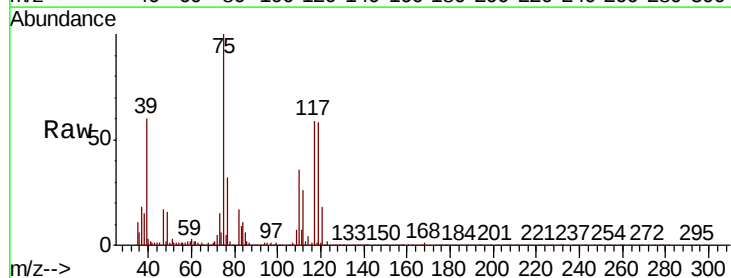
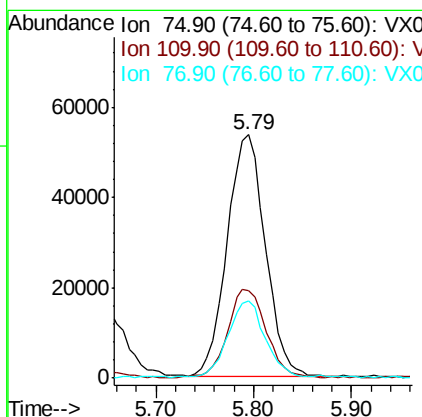
Manual Integrations
APPROVED

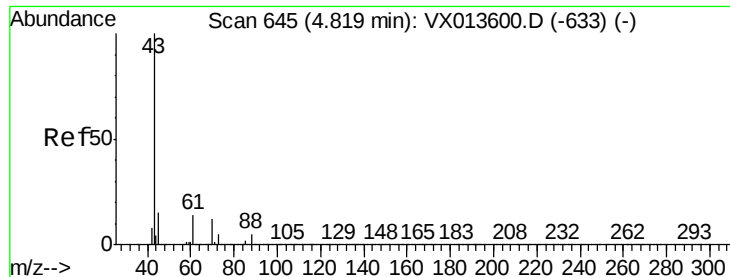
apatel
12/9/2019 9:08:11 AM



#36
1,1-Dichloropropene
Concen: 17.508 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145029		
110	37.5	18.1	54.1	
77	30.4	24.5	36.7	





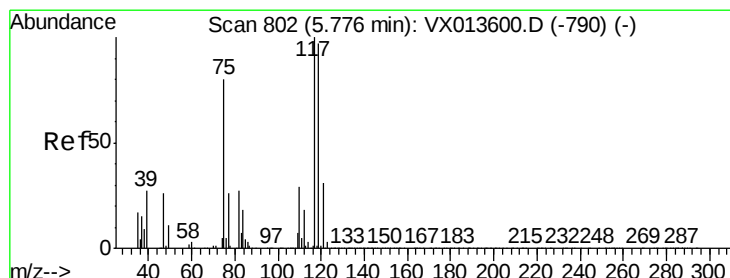
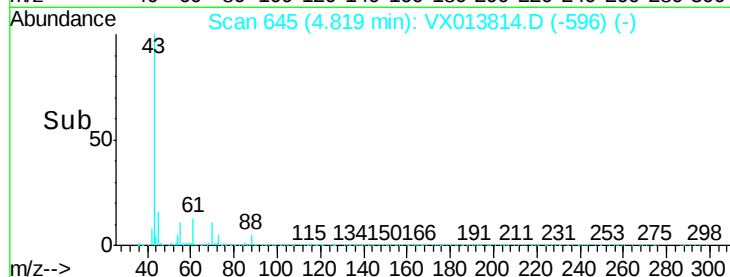
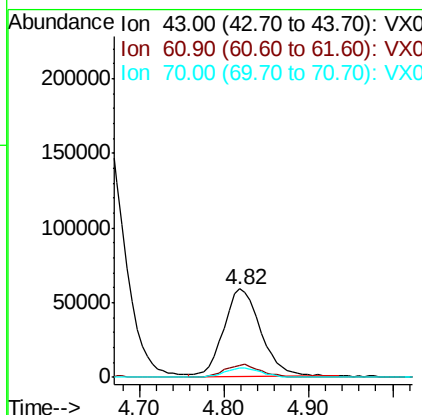
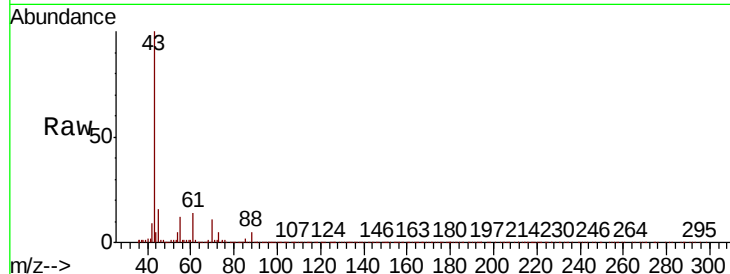
#37
Ethyl Acetate
Concen: 18.914 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.1	8.6	12.8

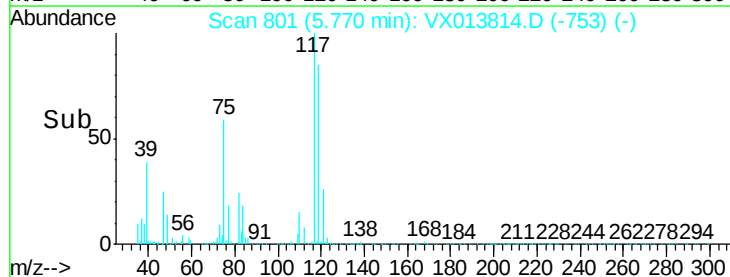
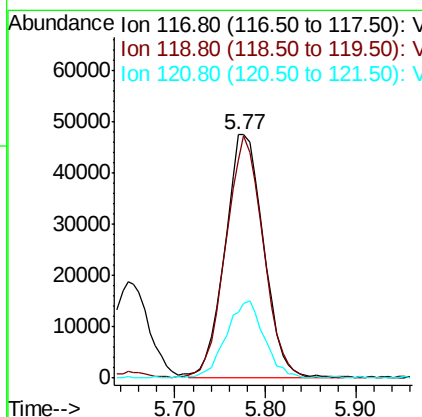
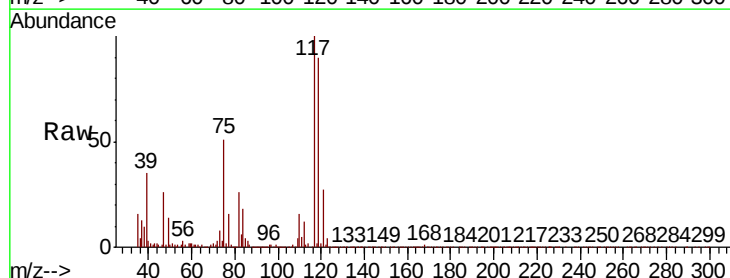
Manual Integrations
APPROVED

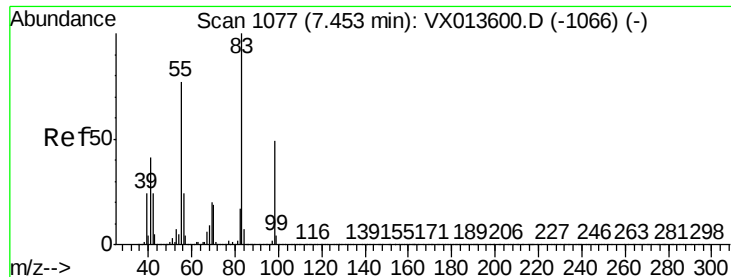
apatel
12/9/2019 9:08:11 AM



#38
Carbon Tetrachloride
Concen: 18.370 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	77.5	116.3
121	26.7	25.0	37.6





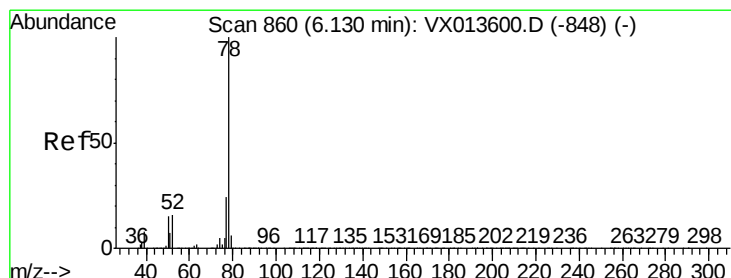
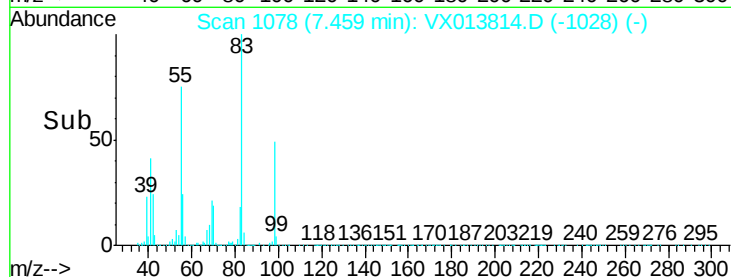
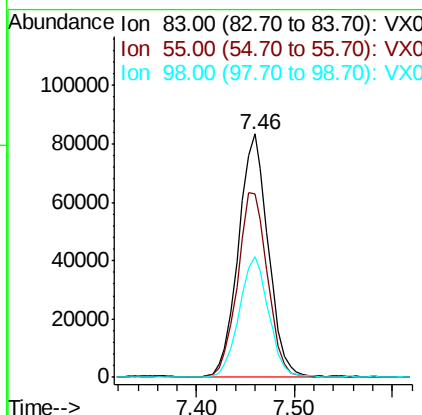
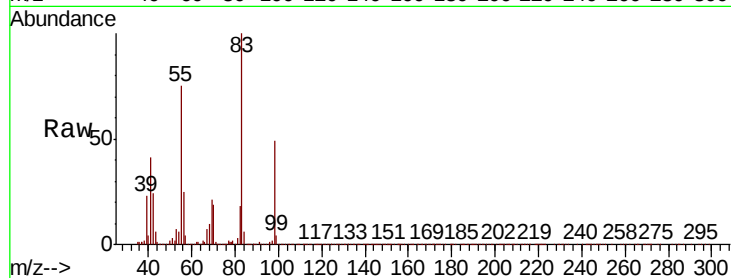
#39
Methvlcvclohexane
Concen: 17.111 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.9	92.9
98	49.3	39.4	59.0

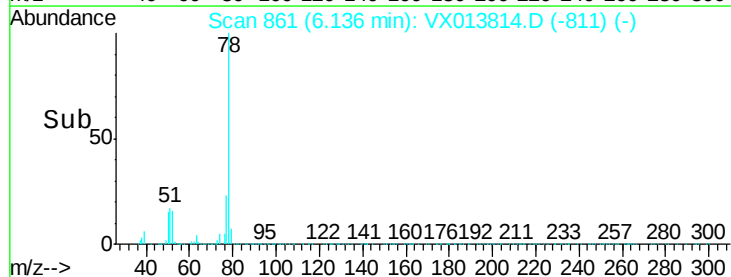
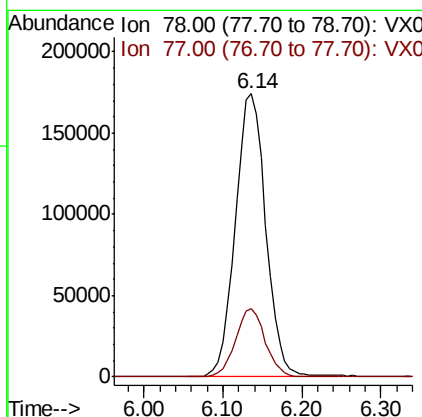
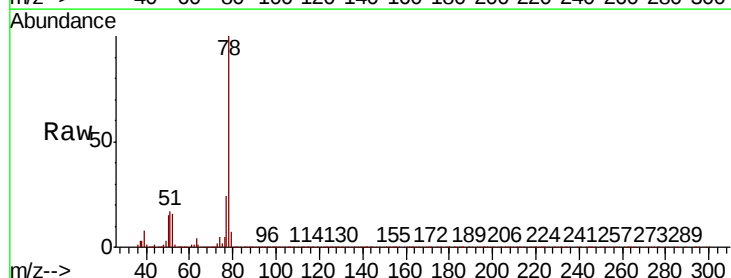
Manual Integrations
APPROVED

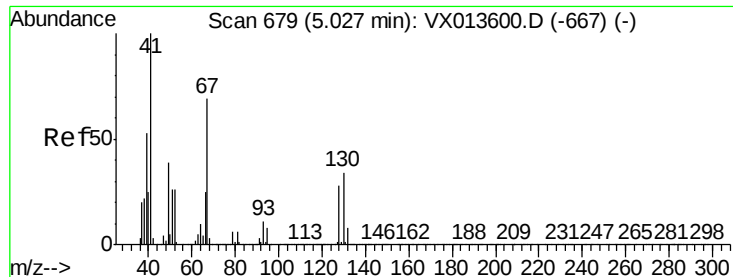
apatel
12/9/2019 9:08:11 AM



#40
Benzene
Concen: 18.469 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





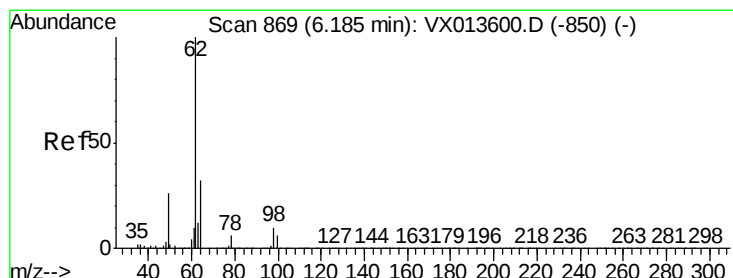
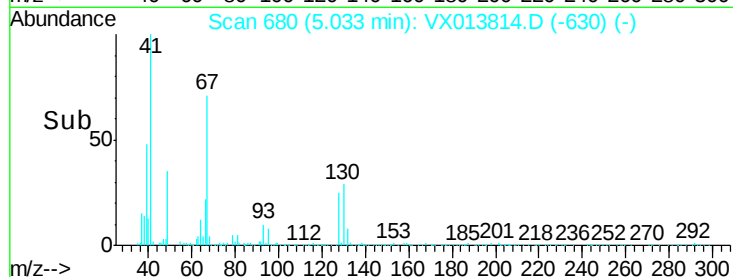
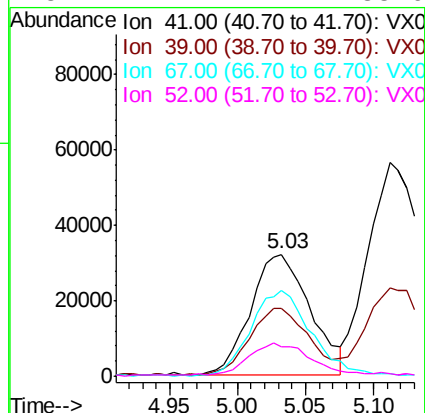
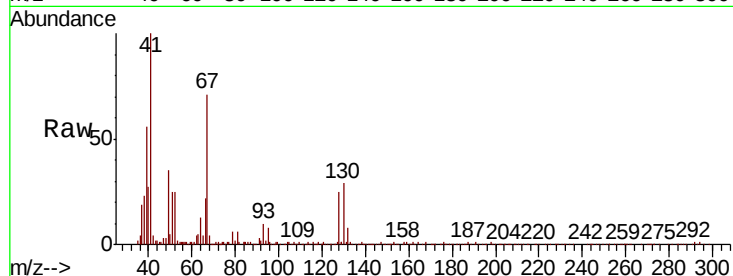
#41
Methacrylonitrile
Concen: 19.244 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.9	64.3	
67	71.1	57.4	86.0	
52	27.2	22.4	33.6	

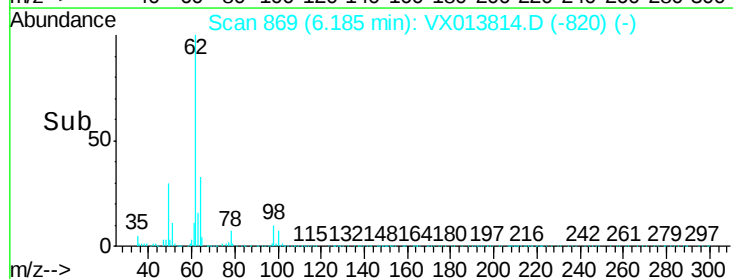
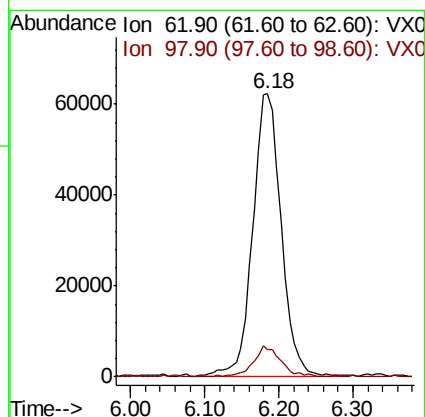
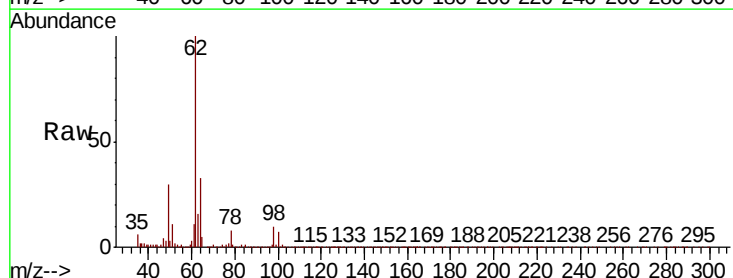
Manual Integrations
APPROVED

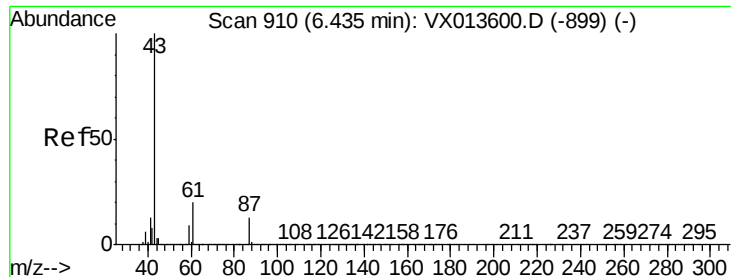
apatel
12/9/2019 9:08:11 AM



#42
1,2-Dichloroethane
Concen: 19.524 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

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





#43

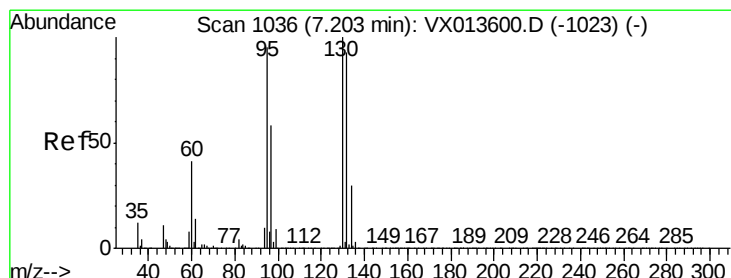
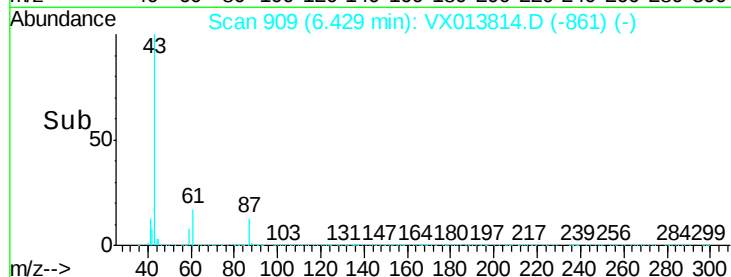
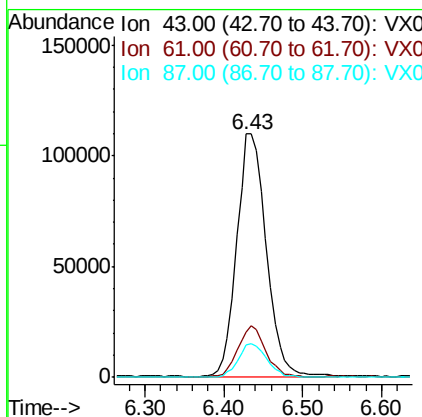
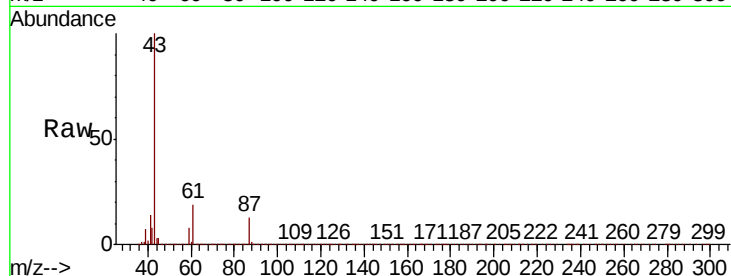
Isopropyl Acetate
 Concen: 18.748 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.3	24.5
87	13.1	10.8	16.2

Manual Integrations
 APPROVED

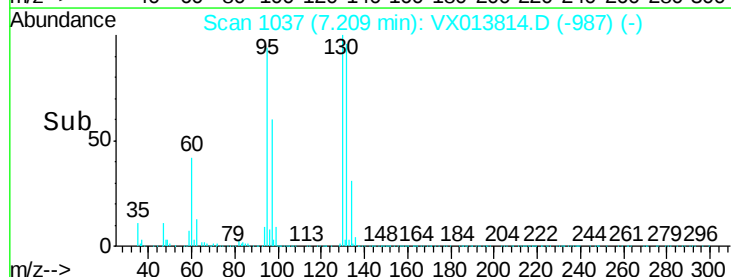
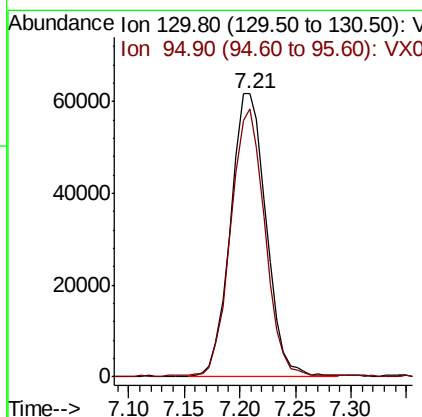
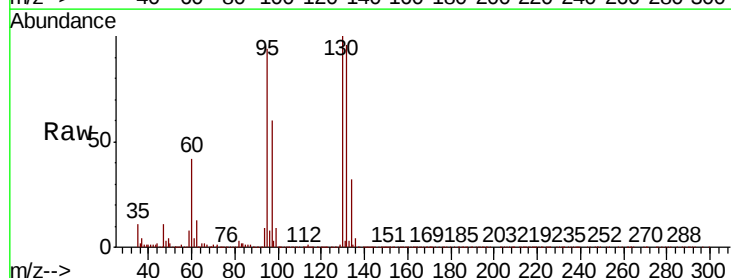
apatel
 12/9/2019 9:08:11 AM

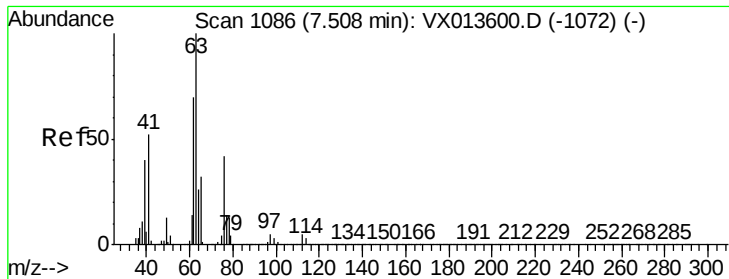


#44

Trichloroethene
 Concen: 19.733 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	190.8





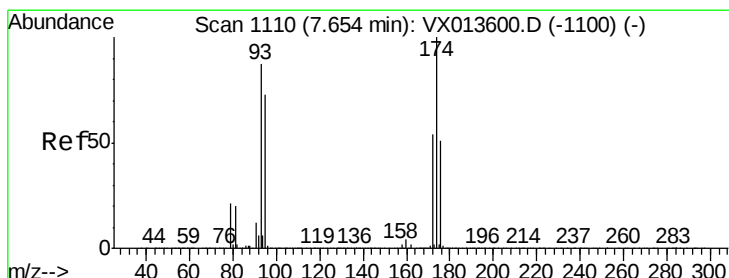
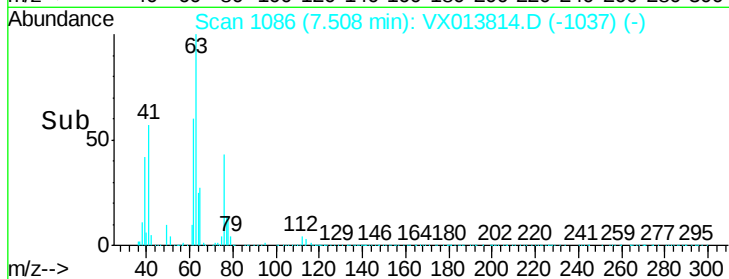
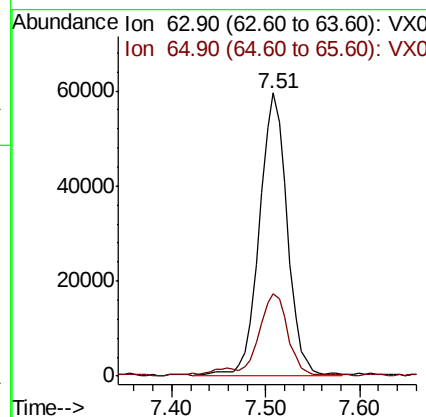
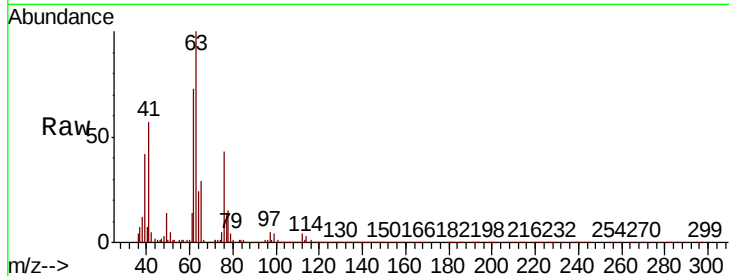
#45
 1,2-Dichloropropane
 Concen: 19.401 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	25.5	38.3

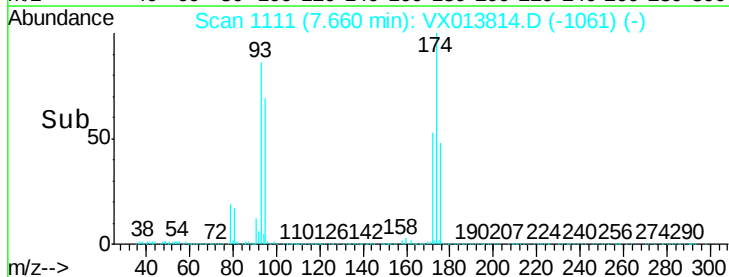
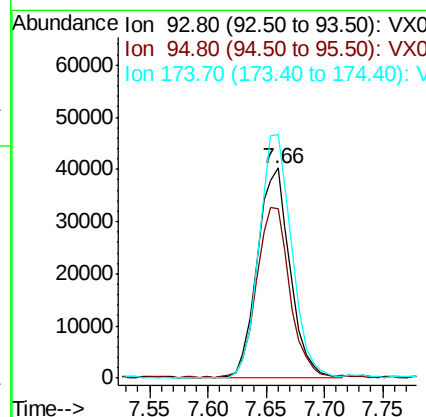
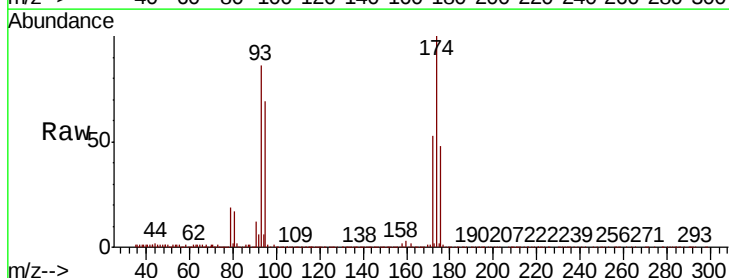
Manual Integrations
 APPROVED

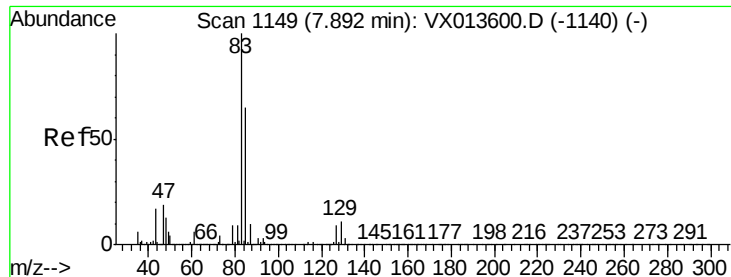
apatel
 12/9/2019 9:08:11 AM



#46
 Dibromomethane
 Concen: 18.276 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.2	99.2
174	117.1	93.4	140.0





#47

Bromodichloromethane

Concen: 18.818 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

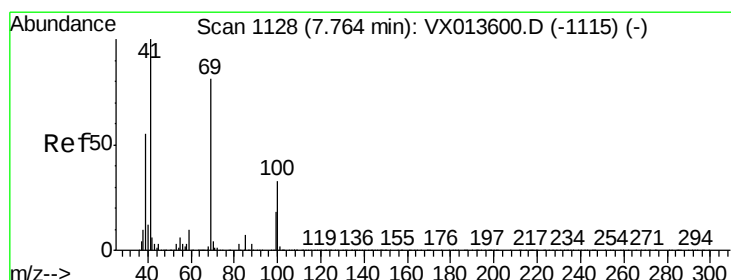
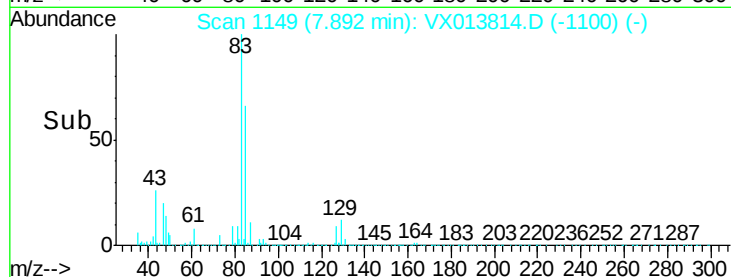
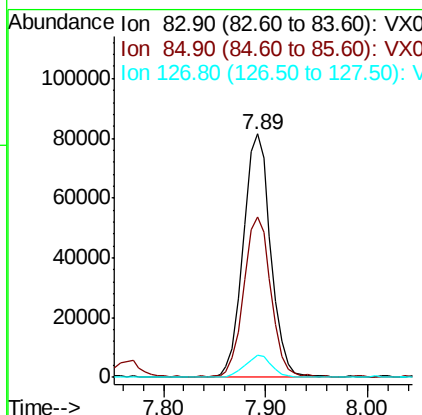
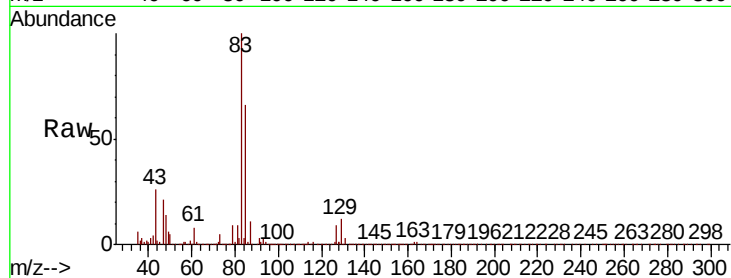
ClientSampleId :

VX1206WBS02

Tot Ion:	83	Resp:	152519
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.1	78.1
127	9.0	7.0	10.4

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#48

Methyl methacrylate

Concen: 18.834 ug/l

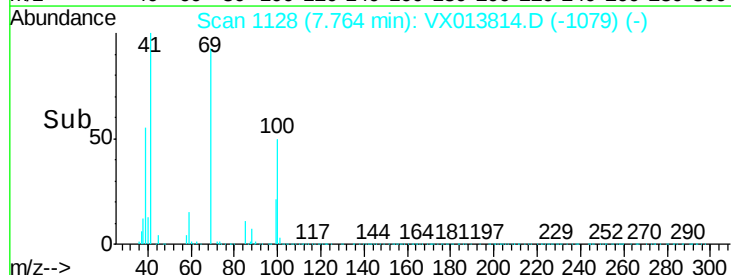
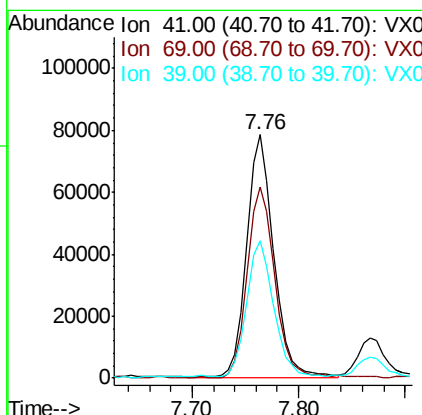
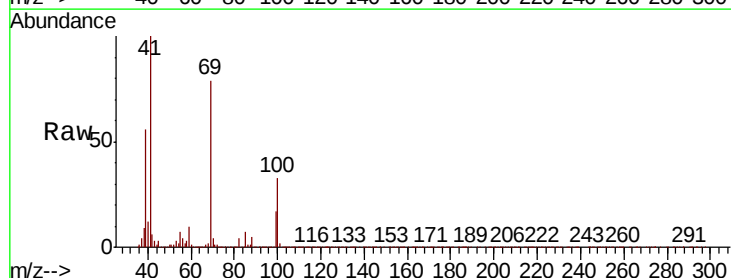
RT: 7.76 min Scan# 1128

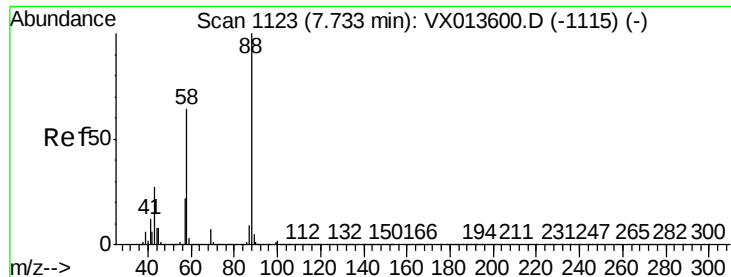
Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	41	Resp:	140007
Ion Ratio	Lower	Upper	
41	100		
69	82.3	64.7	97.1
39	56.0	43.8	65.6





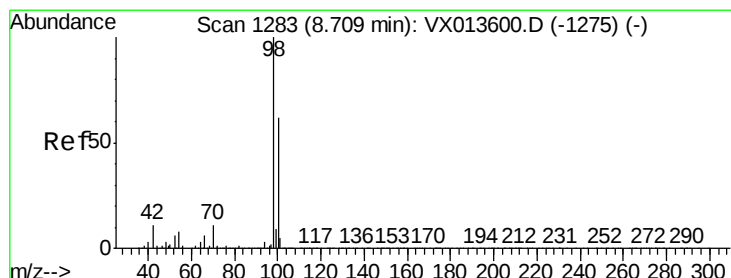
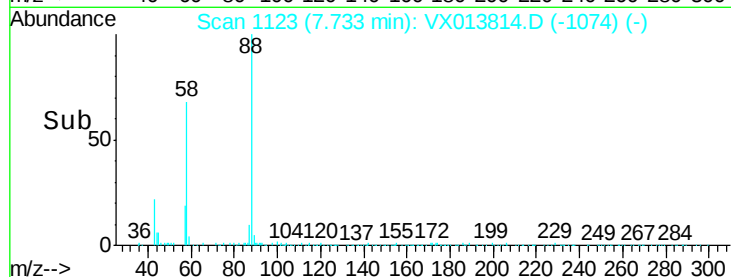
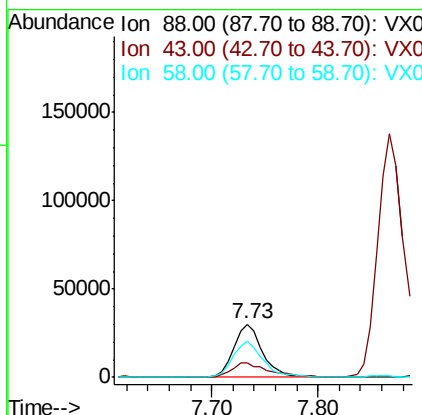
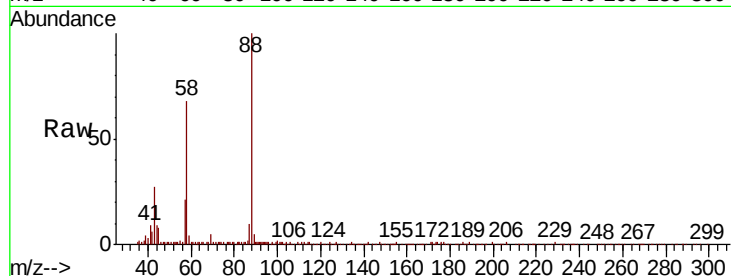
#49
1,4-Dioxane
Concen: 331.319 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.8	38.6
58	71.9	54.6	82.0

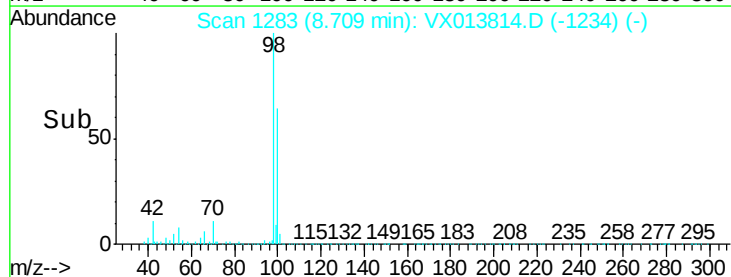
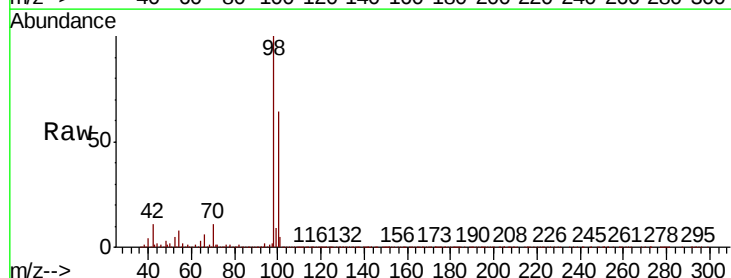
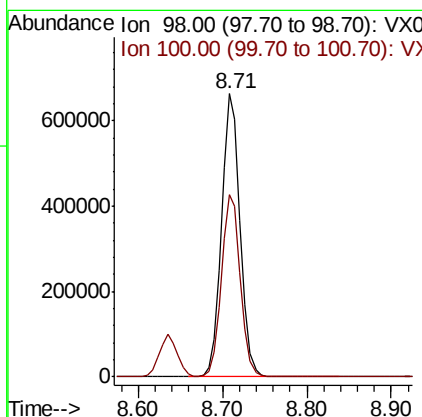
Manual Integrations
APPROVED

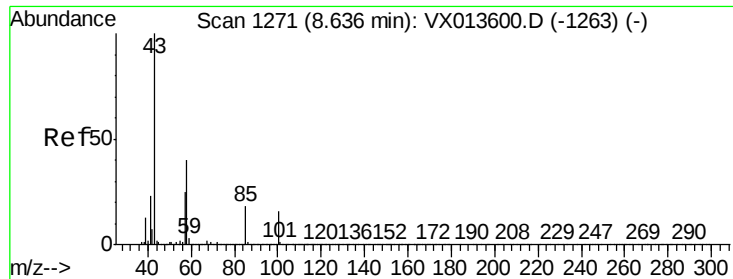
apatel
12/9/2019 9:08:11 AM



#50
Toluene-d8
Concen: 45.587 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7





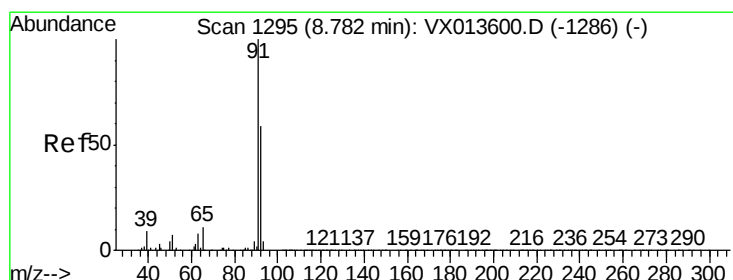
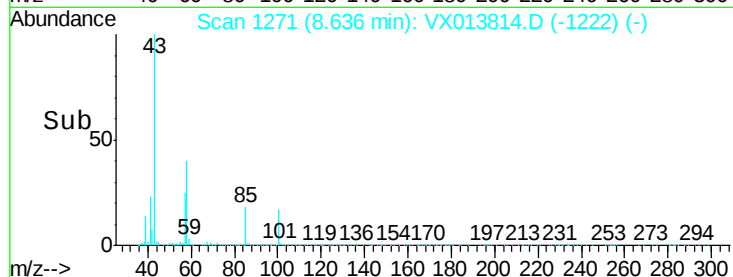
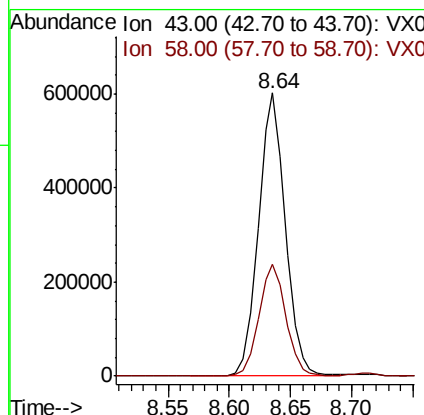
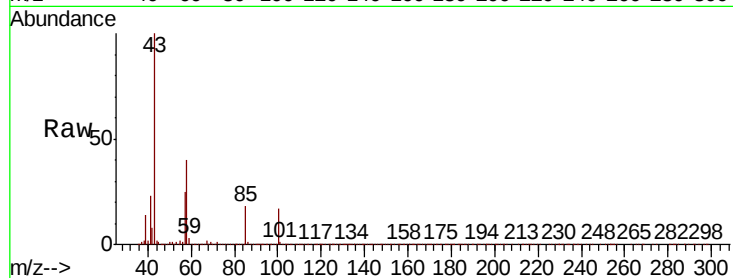
#51
4-Methyl-2-Pentanone
Concen: 95.587 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.1	48.1

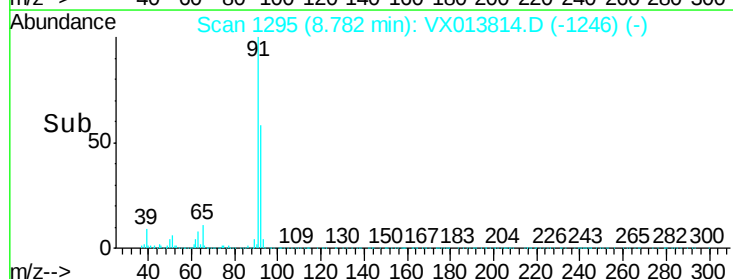
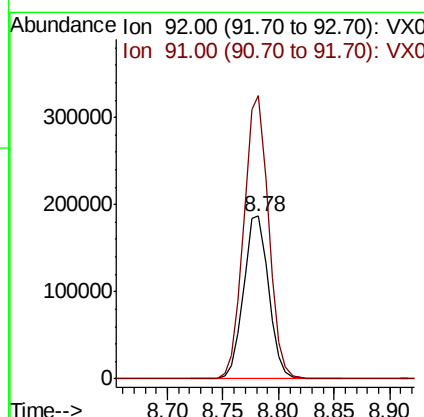
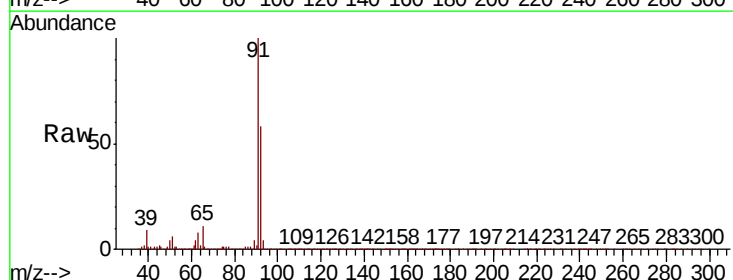
Manual Integrations
APPROVED

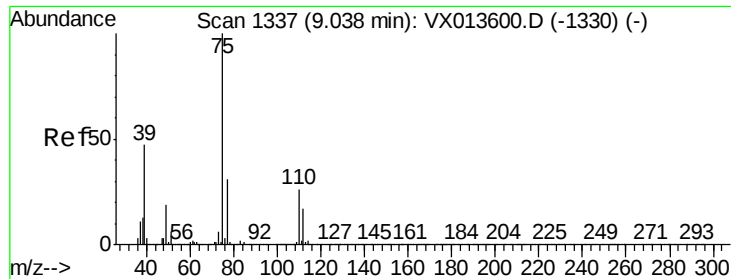
apatel
12/9/2019 9:08:11 AM



#52
Toluene
Concen: 18.617 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.3	136.2	204.2





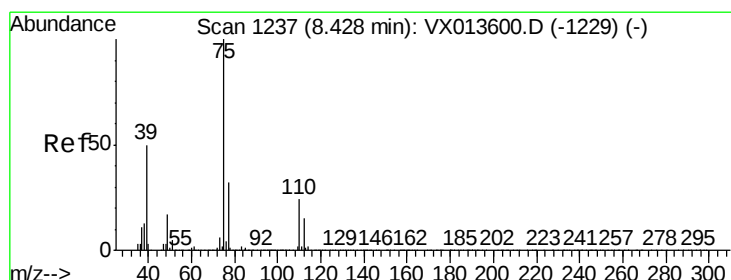
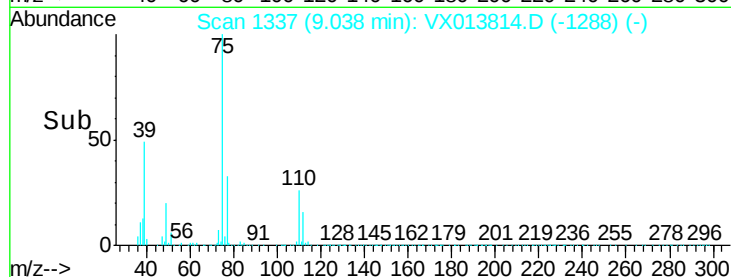
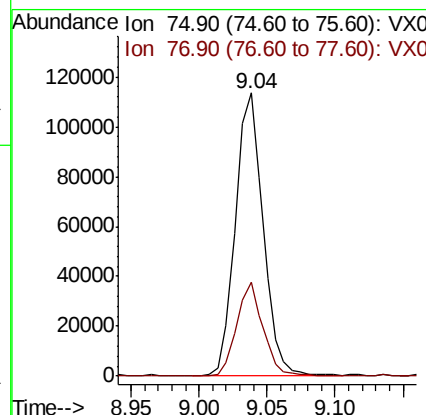
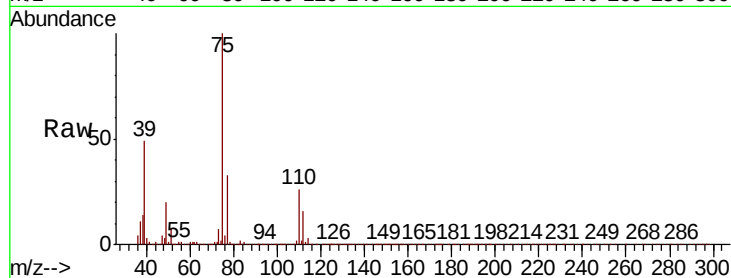
#53
t-1,3-Dichloropropene
Concen: 17.471 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	24.4	36.6

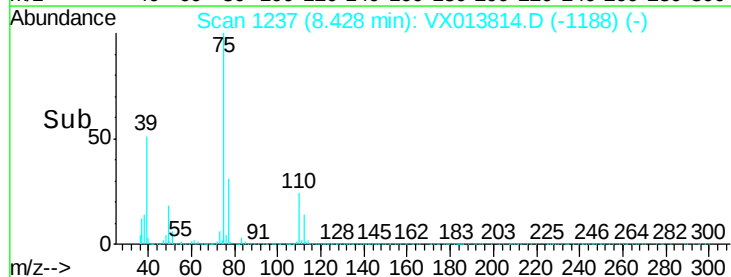
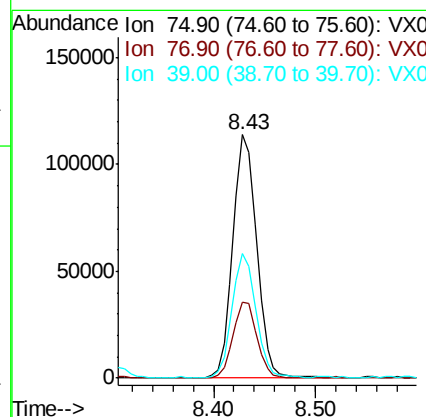
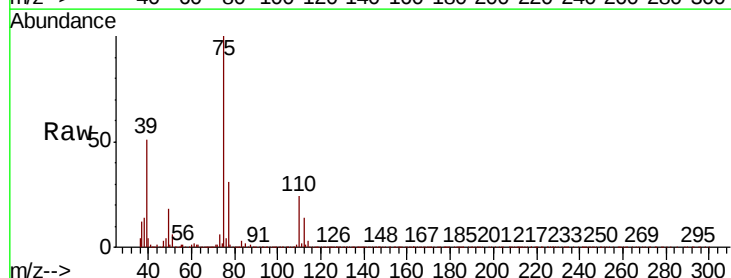
Manual Integrations
APPROVED

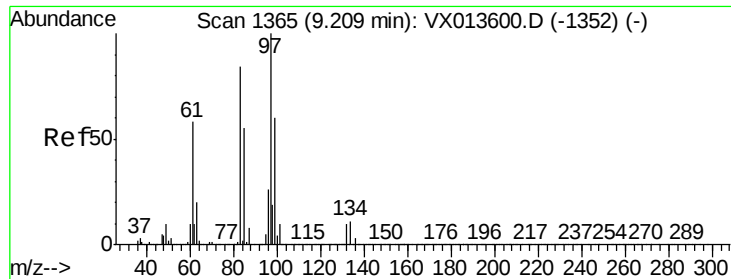
apatel
12/9/2019 9:08:11 AM



#54
cis-1,3-Dichloropropene
Concen: 18.200 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.6
39	51.1	39.9	59.9





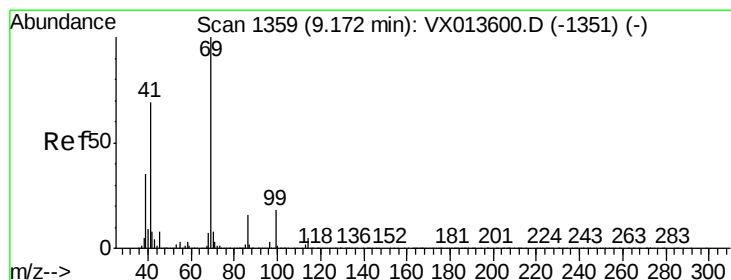
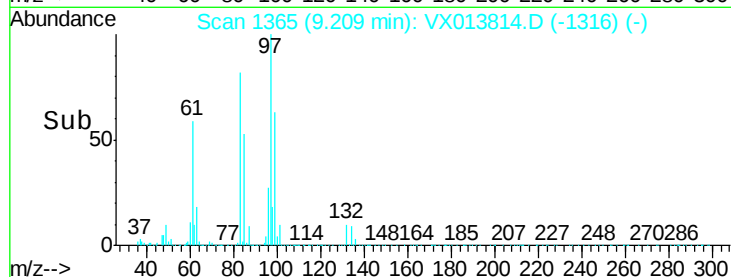
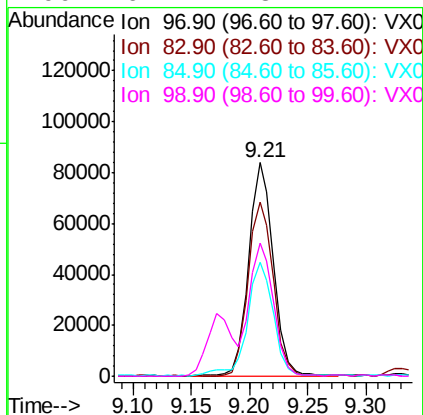
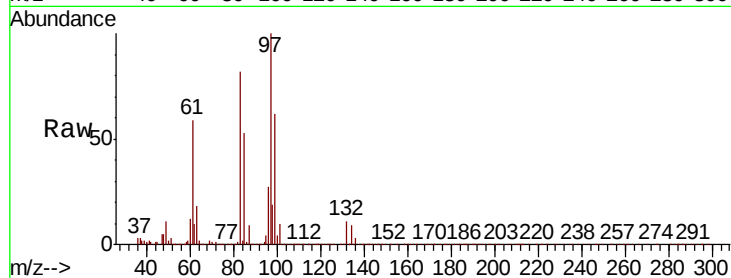
#55
 1,1,2-Trichloroethane
 Concen: 19.715 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	81.6	67.3	100.9		
85	53.2	43.6	65.4		
99	62.1	48.2	72.4		

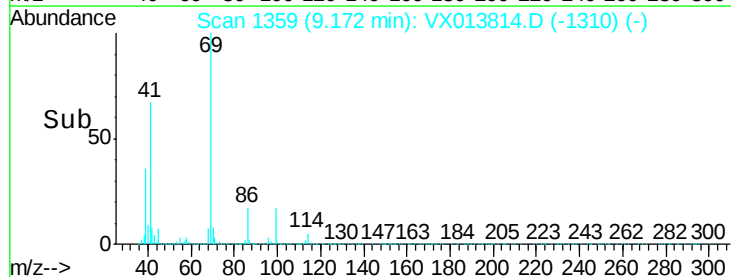
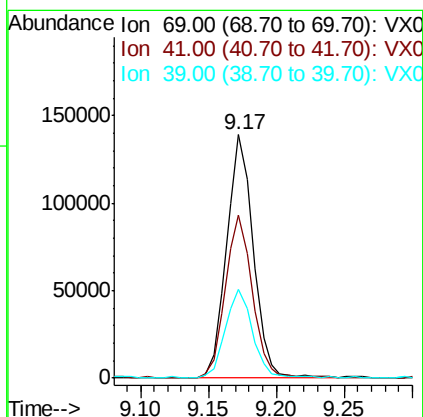
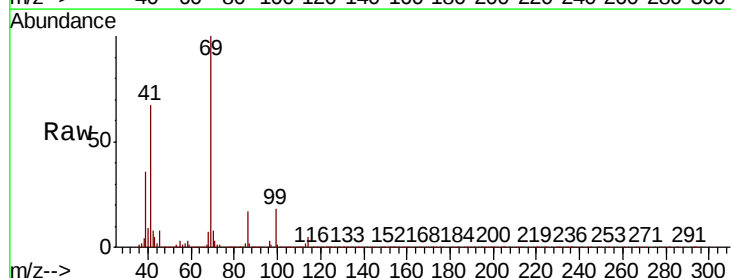
Manual Integrations
 APPROVED

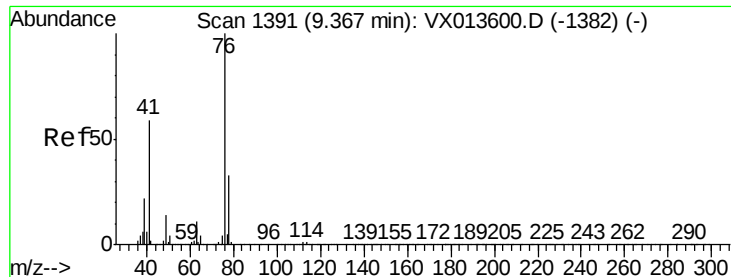
apatel
 12/9/2019 9:08:11 AM



#56
 Ethyl methacrylate
 Concen: 18.623 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	67.2	55.0	82.4		
39	36.6	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 18.974 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 76 Resp: 206565

Ion Ratio Lower Upper

76 100

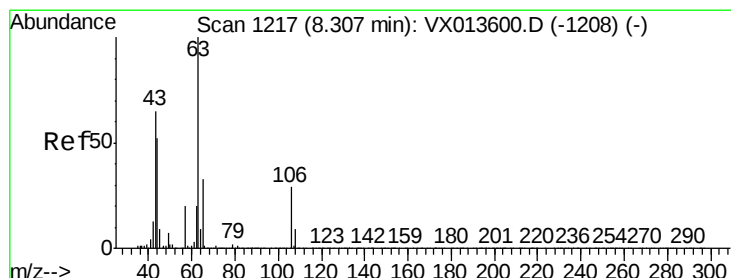
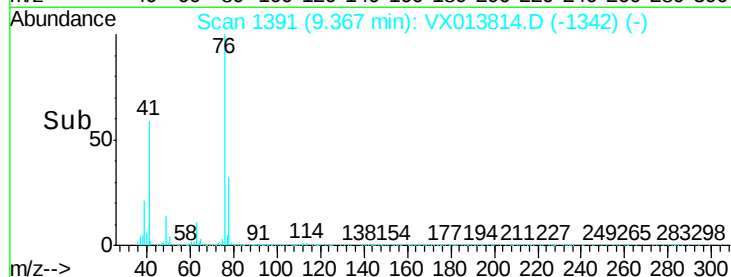
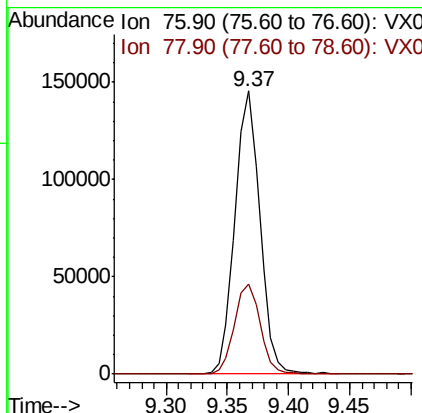
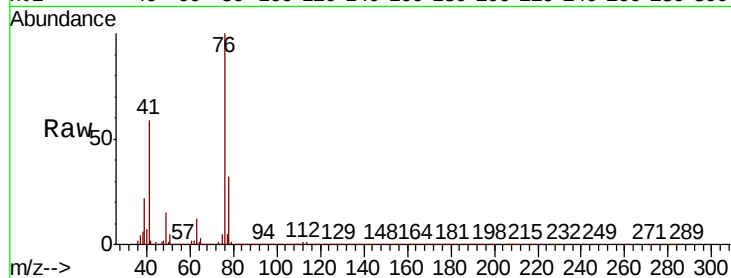
78 32.4 26.0 39.0

Manual Integrations

APPROVED

apatel

12/9/2019 9:08:11 AM



#58

2-Chloroethyl Vinyl ether

Concen: 88.284 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013814.D

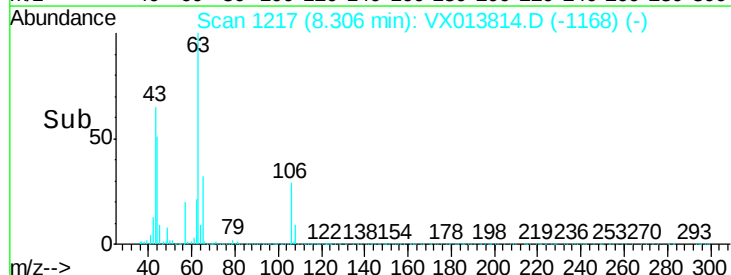
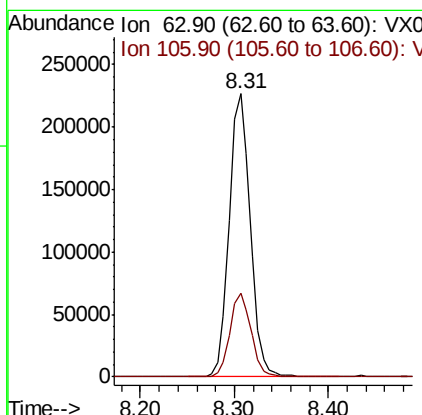
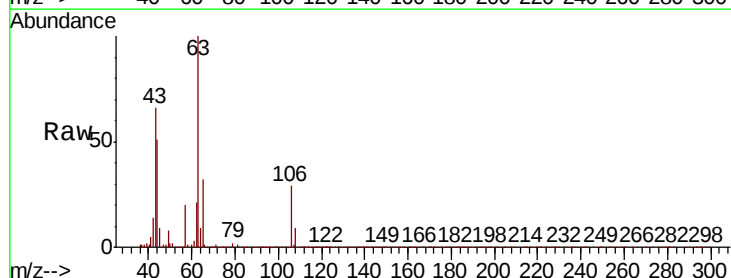
Acq: 06 Dec 2019 21:41

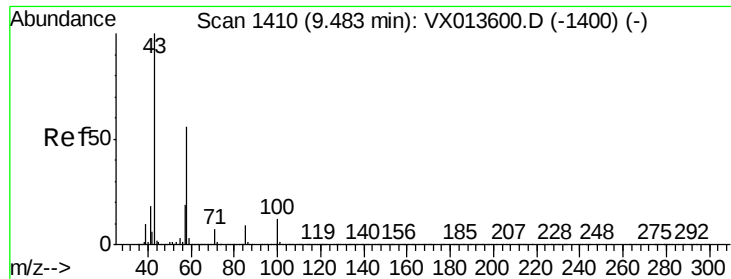
Tgt Ion: 63 Resp: 351497

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0





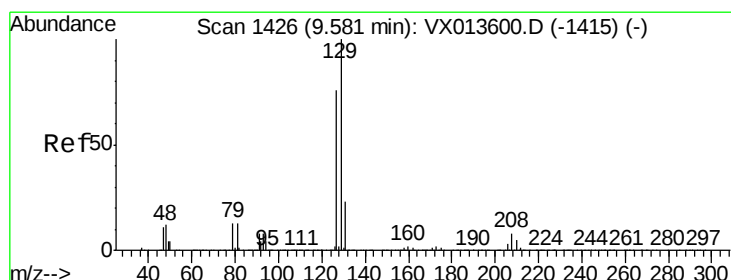
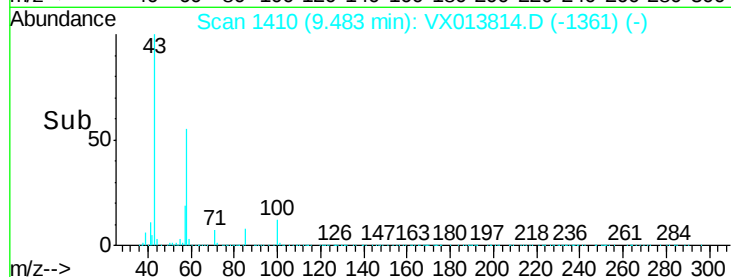
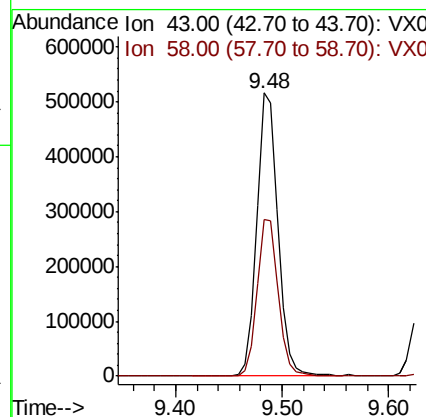
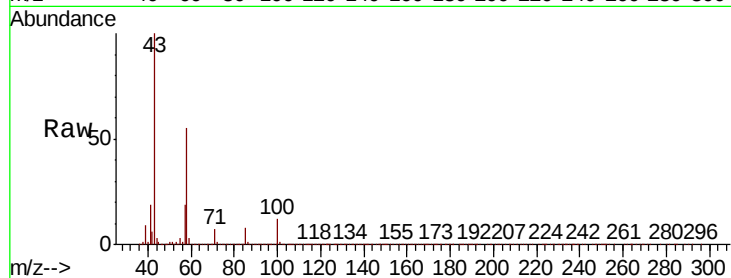
#59
2-Hexanone
Concen: 95.971 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion: 43 Resp: 720333
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.4

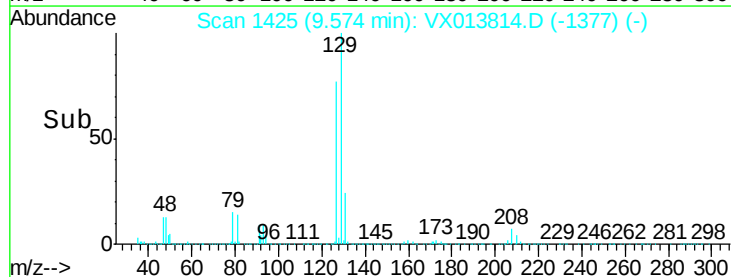
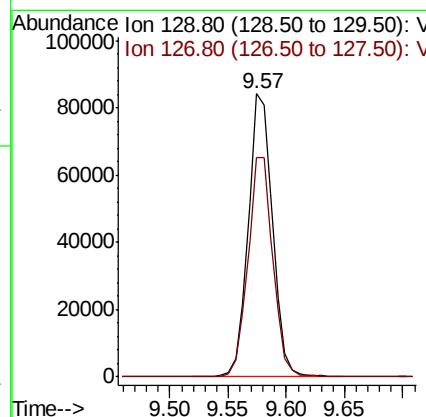
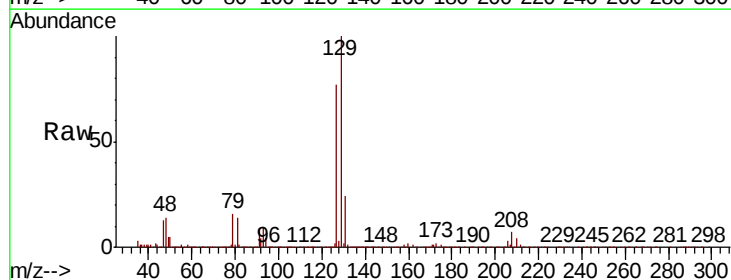
Manual Integrations
APPROVED

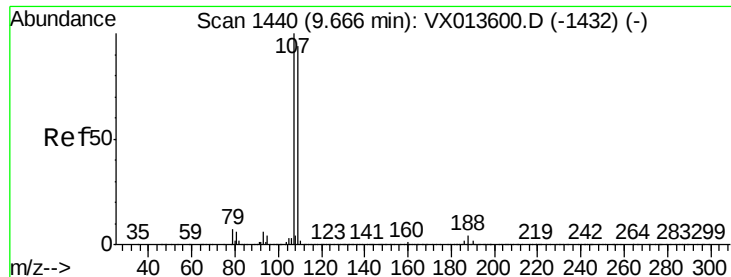
apatel
12/9/2019 9:08:11 AM



#60
Dibromochloromethane
Concen: 18.664 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion: 129 Resp: 122339
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.577 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 107 Resp: 125316

Ion Ratio Lower Upper

107 100

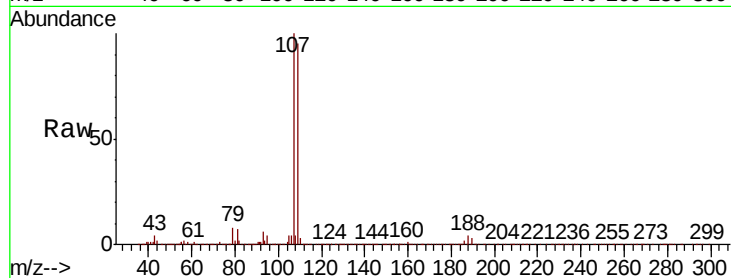
109 95.7 76.1 114.1

Manual Integrations

APPROVED

apatel

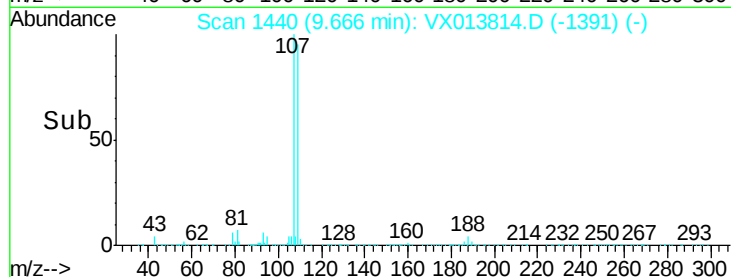
12/9/2019 9:08:11 AM



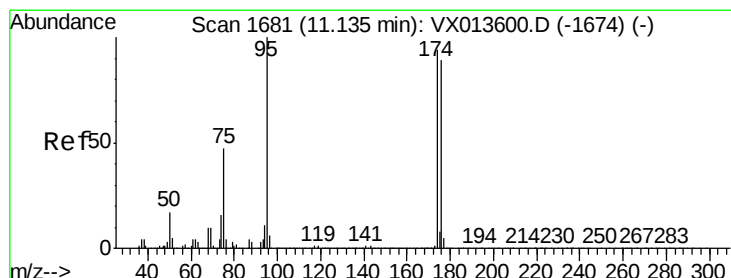
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 44.823 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

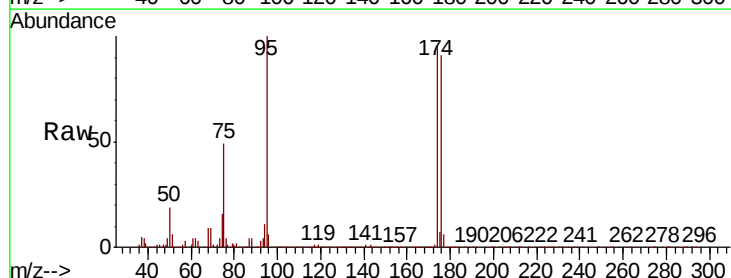
Tgt Ion: 95 Resp: 355275

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

176 86.8 0.0 173.6

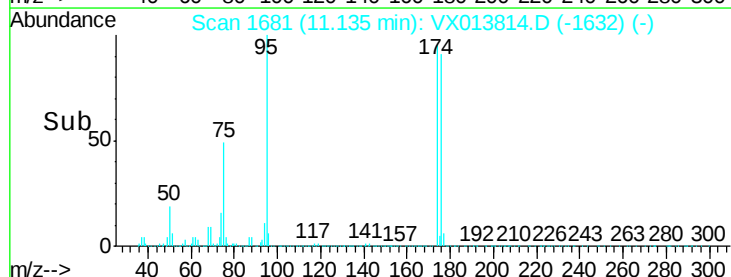


Abundance Ion 94.90 (94.60 to 95.60): VX0

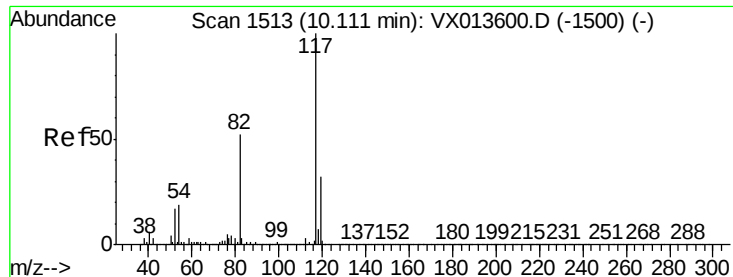
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14



Time-->



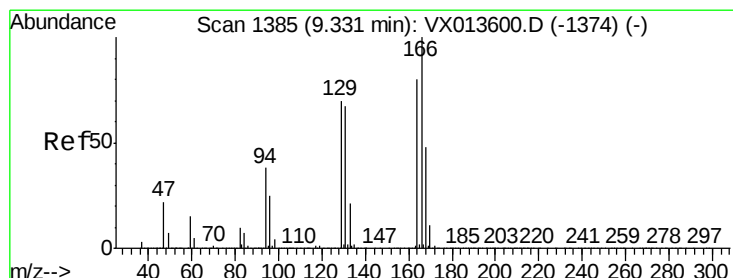
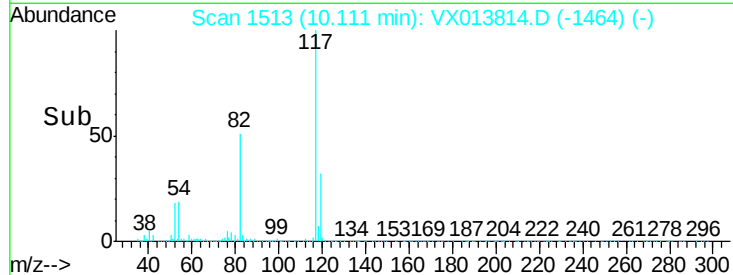
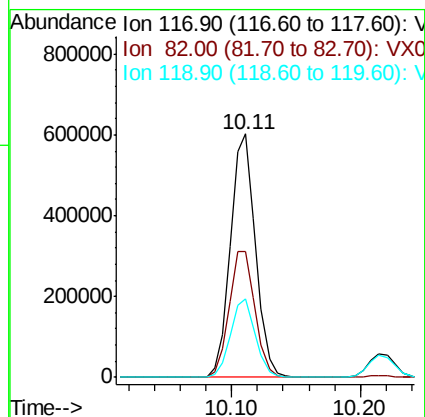
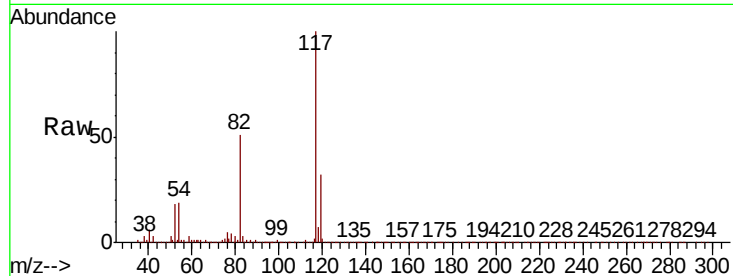
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.8	62.8
119	32.0	25.8	38.8

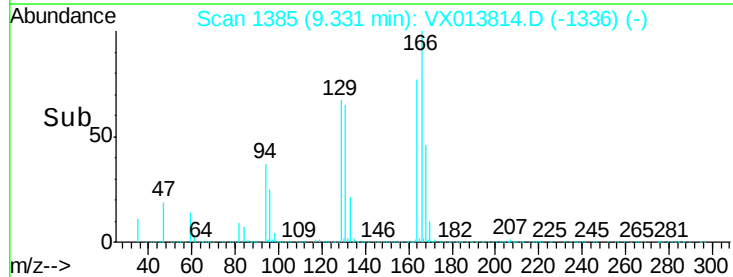
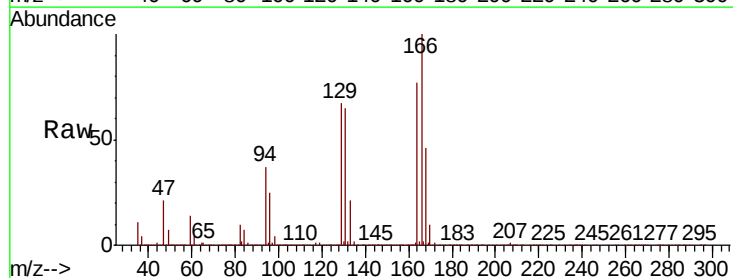
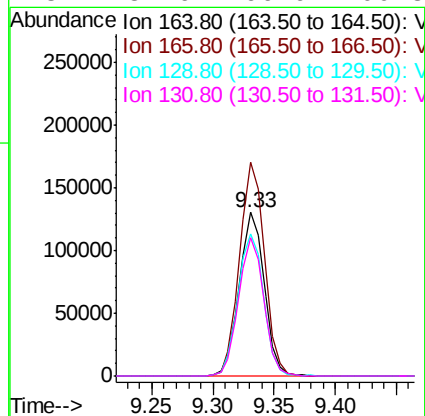
Manual Integrations
APPROVED

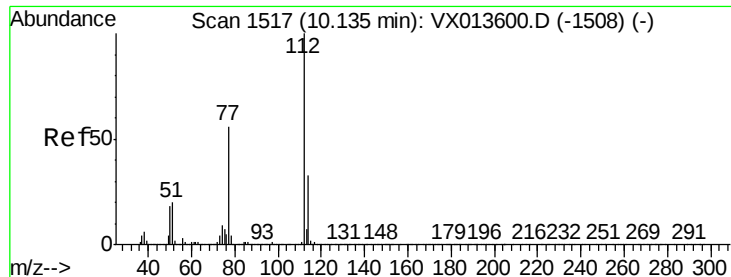
apatel
12/9/2019 9:08:11 AM



#64
Tetrachloroethene
Concen: 30.132 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	99.7	149.5
129	87.0	70.1	105.1
131	84.6	66.9	100.3





#65

Chlorobenzene

Concen: 18.504 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampled :

VX1206WBS02

Tot Ion:112 Resp: 315213

Ion Ratio Lower Upper

112 100

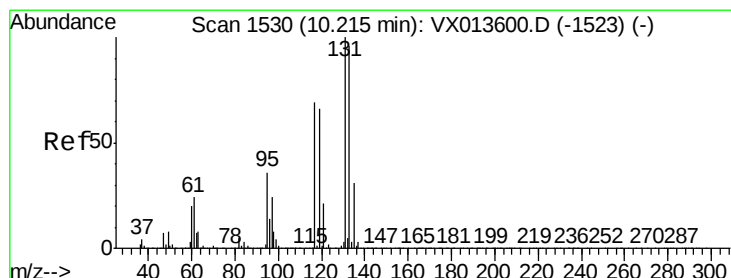
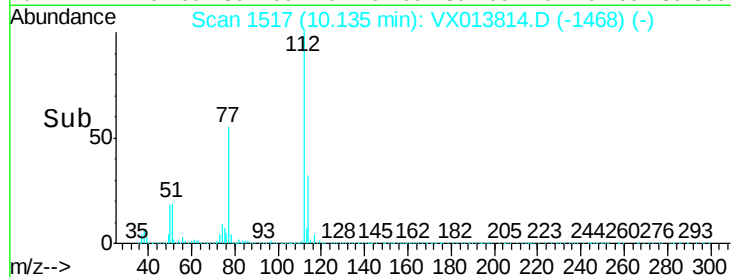
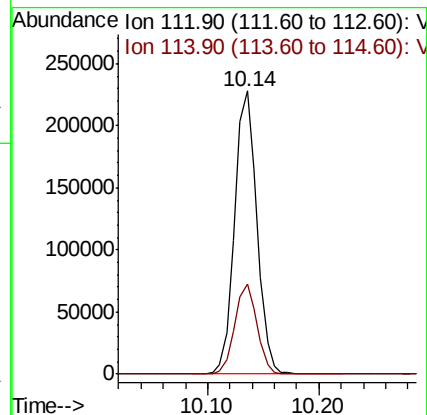
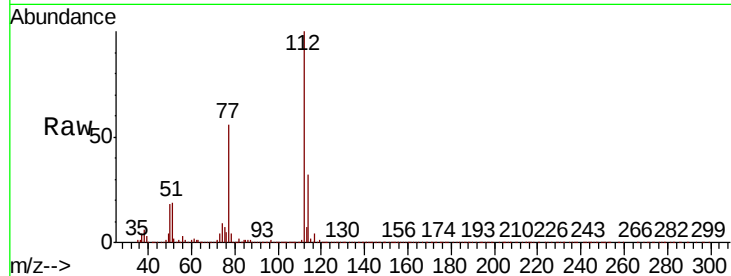
114 31.7 26.1 39.1

Manual Integrations

APPROVED

apatel

12/9/2019 9:08:11 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 18.914 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

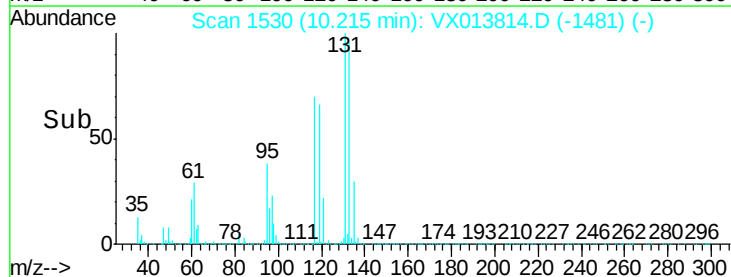
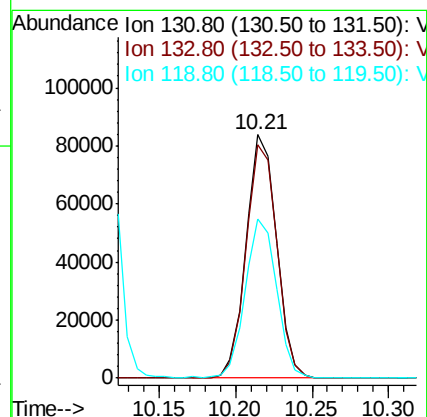
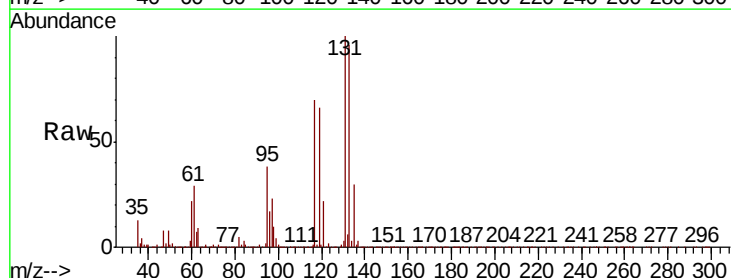
Tgt Ion:131 Resp: 115698

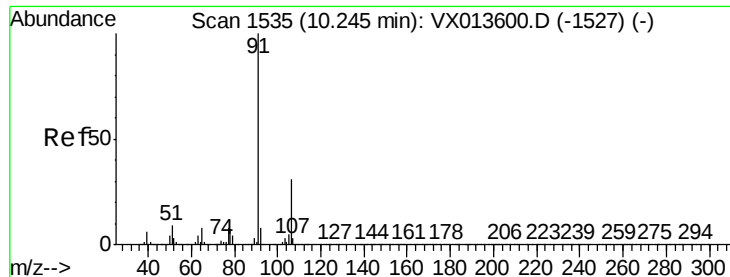
Ion Ratio Lower Upper

131 100

133 97.1 47.7 143.1

119 66.8 32.9 98.6





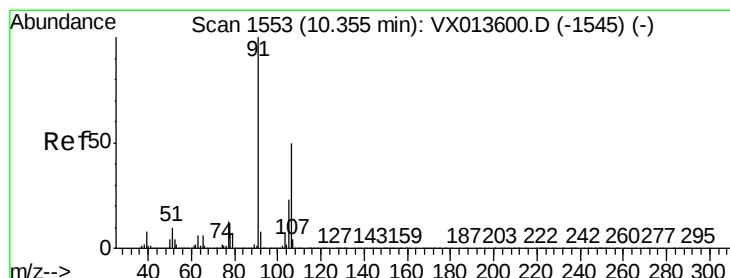
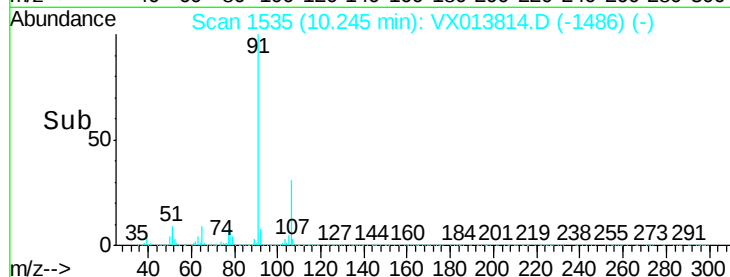
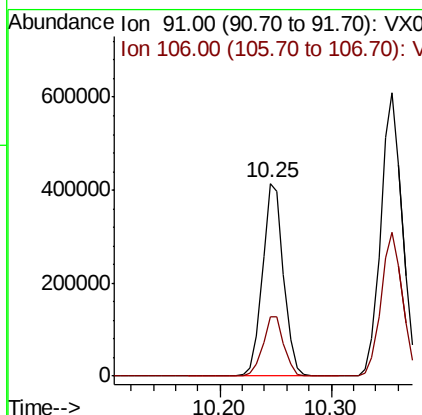
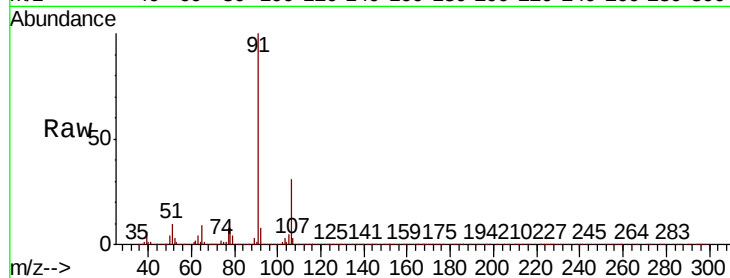
#67
Ethyl Benzene
Concen: 18.796 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.5	36.7

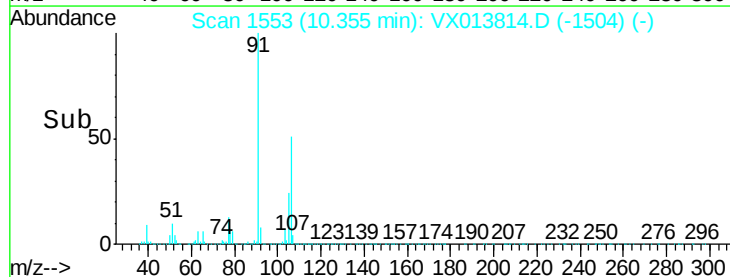
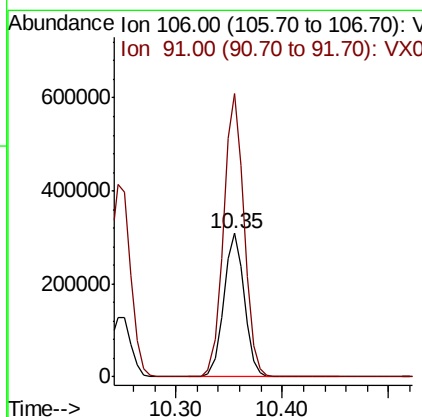
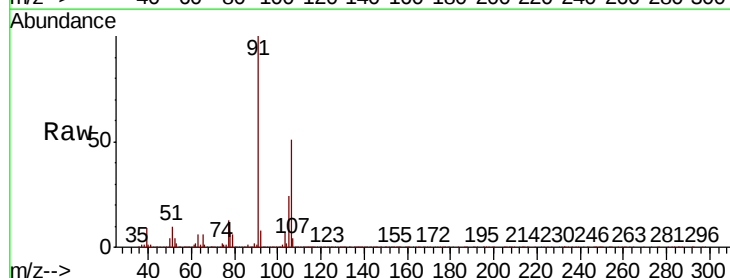
Manual Integrations
APPROVED

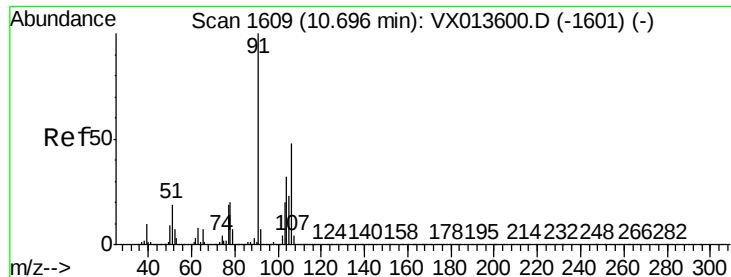
apatel
12/9/2019 9:08:11 AM



#68
m/p-Xylenes
Concen: 37.096 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.4	159.0	238.4





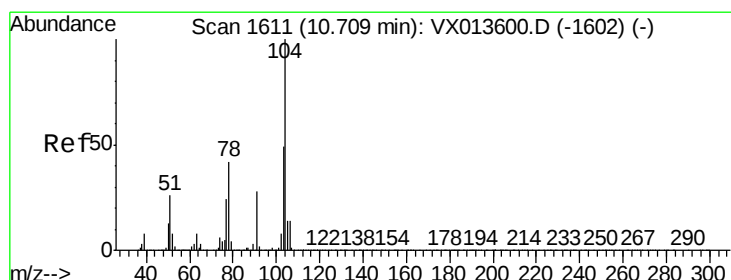
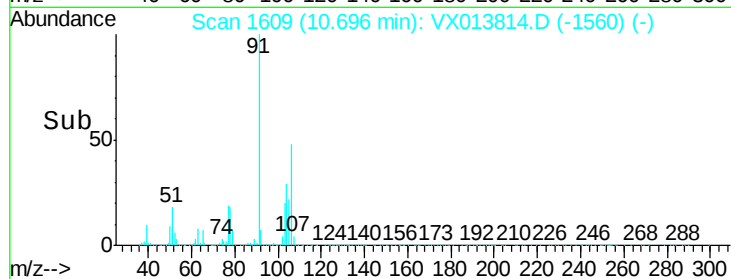
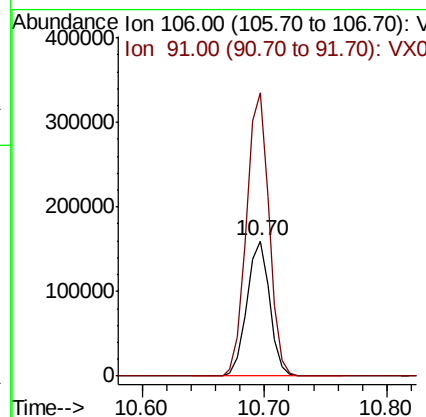
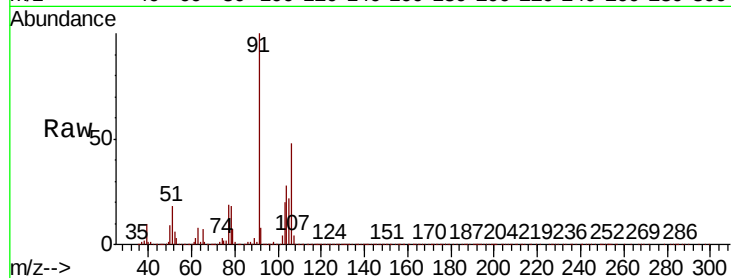
#69
o-Xylene
Concen: 18.699 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	104.1	312.2

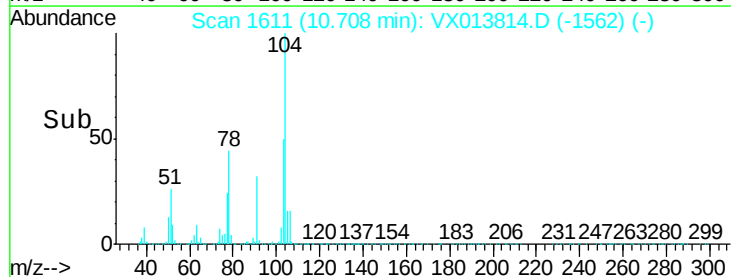
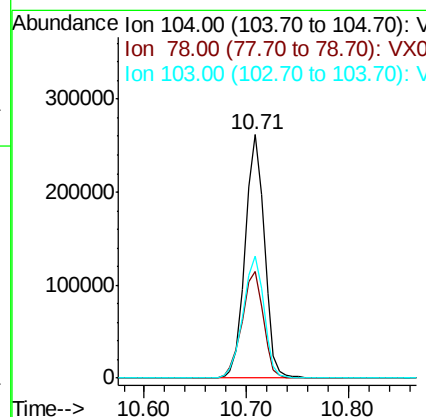
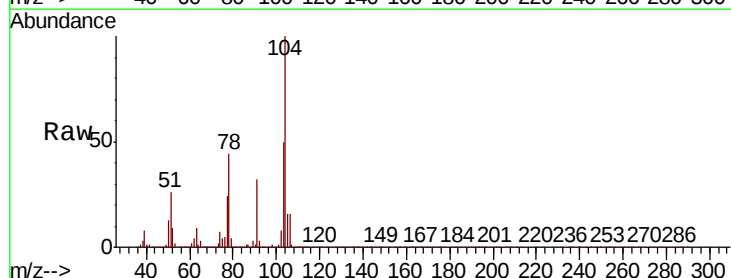
Manual Integrations
APPROVED

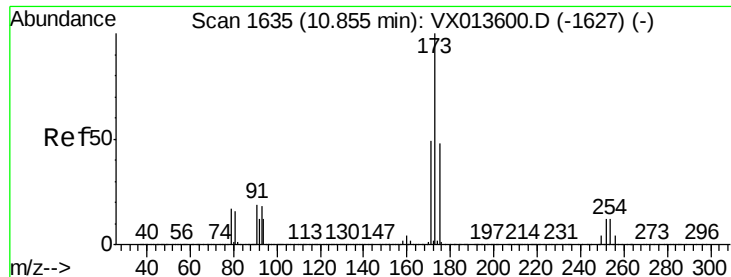
apatel
12/9/2019 9:08:11 AM



#70
Styrene
Concen: 18.508 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.9	43.7	65.5





#71

Bromoform

Concen: 18.587 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

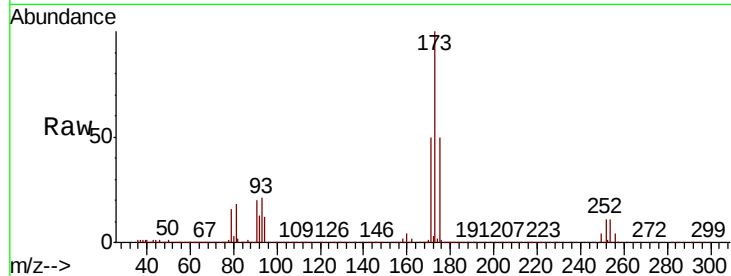
ClientSampleId :

VX1206WBS02

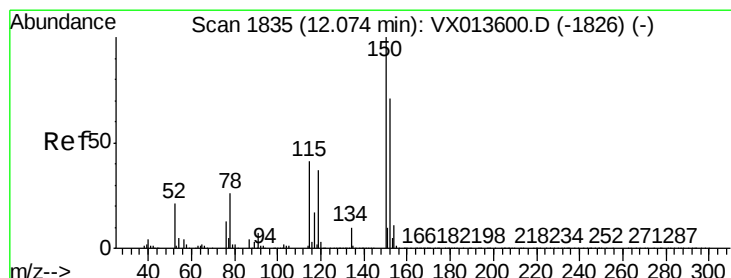
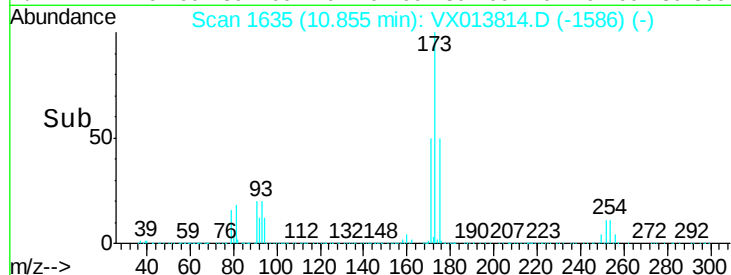
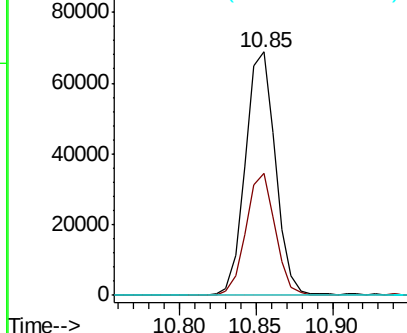
Tot Ion:	173	Resp:	94073
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	72.8
254	0.1	0.2	0.4#

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

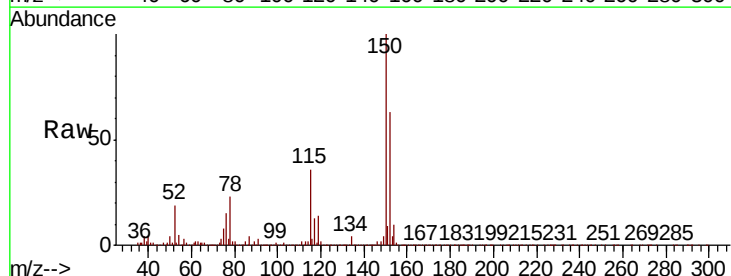
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

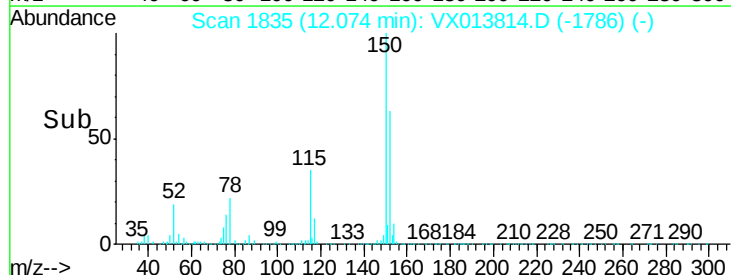
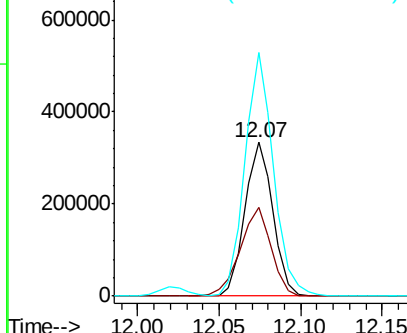
Lab File: VX013814.D

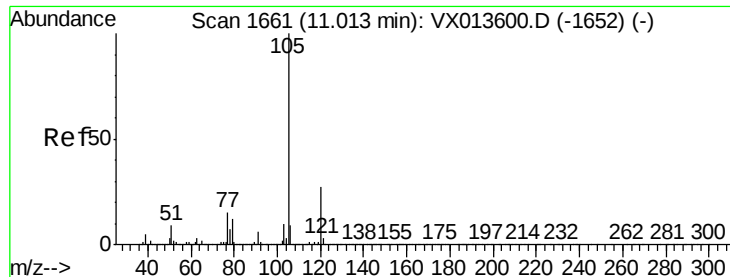
Acq: 06 Dec 2019 21:41

Tgt Ion:	152	Resp:	399673
Ion Ratio	Lower	Upper	
152	100		
115	63.4	38.4	115.1
150	161.4	0.0	346.8



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: 19.039 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 105 Resp: 533756

Ion Ratio Lower Upper

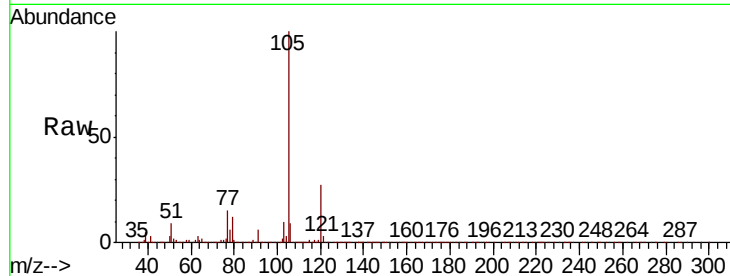
105 100

120 27.5 13.5 40.5

Manual Integrations
APPROVED

apatel

12/9/2019 9:08:11 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

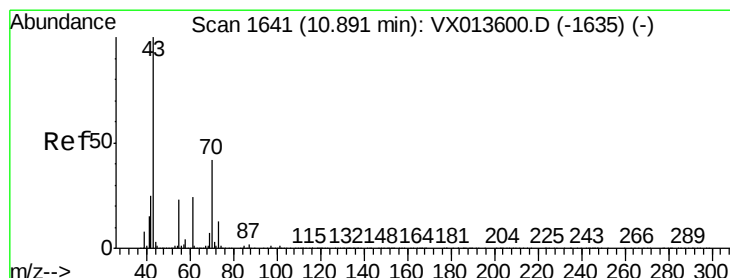
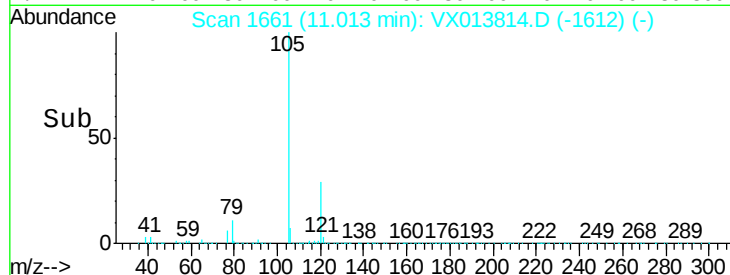
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.603 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion: 43 Resp: 238914

Ion Ratio Lower Upper

43 100

70 42.9 34.3 51.5

55 24.0 18.5 27.7

61 25.5 19.8 29.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

200000

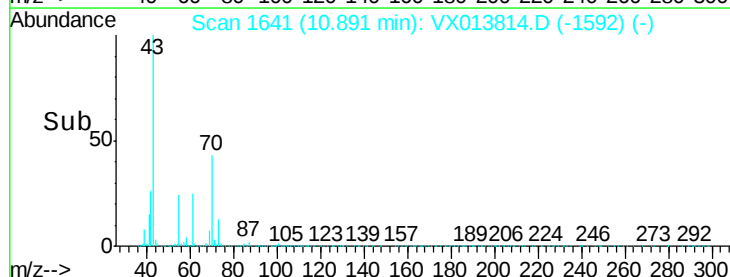
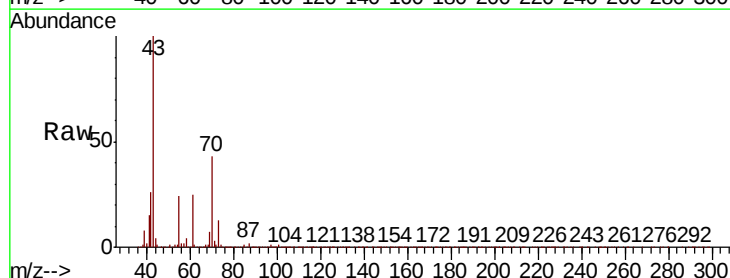
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.741 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

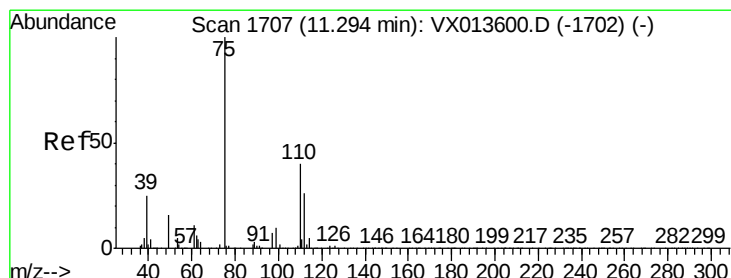
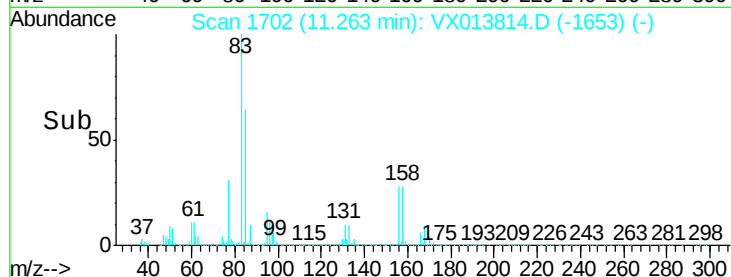
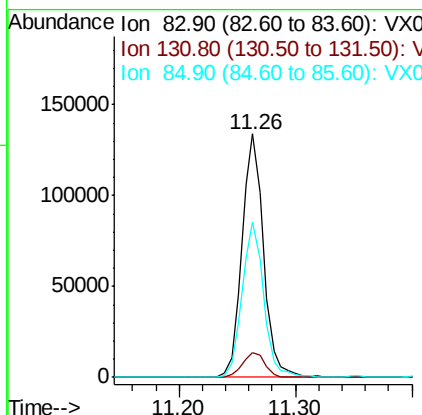
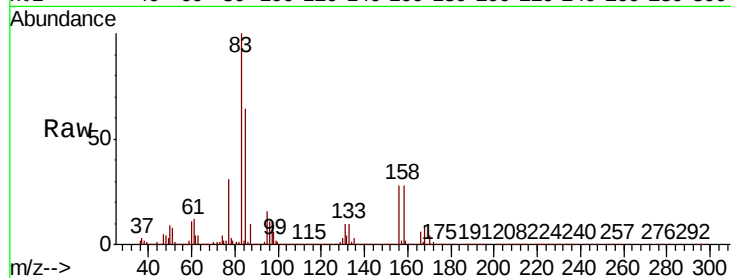
ClientSampleId :

VX1206WBS02

Tot Ion:	83	Resp:	172484
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	63.8	31.8	95.3

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#76

1,2,3-Trichloropropane

Concen: 19.228 ug/l m

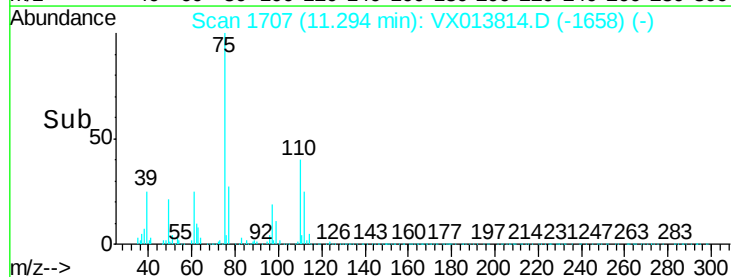
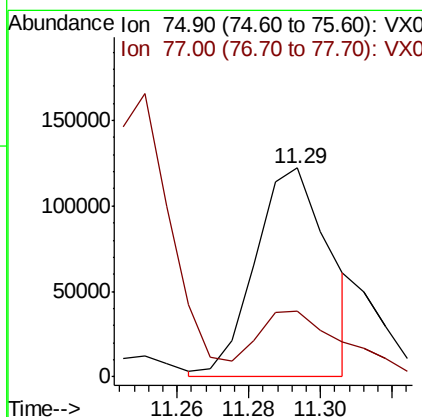
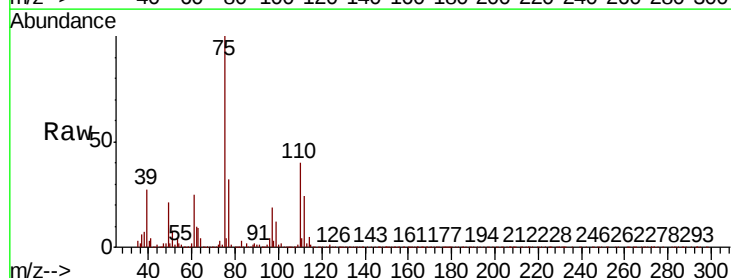
RT: 11.29 min Scan# 1707

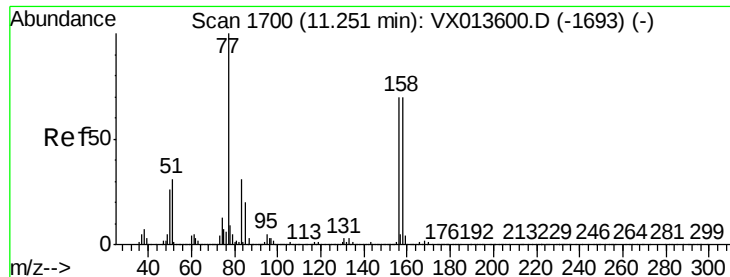
Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	75	Resp:	172846
Ion Ratio	Lower	Upper	
75	100		
77	37.3	19.1	57.5





#77

Bromobenzene

Concen: 18.969 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

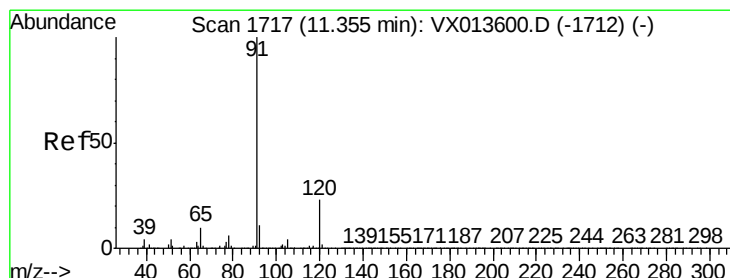
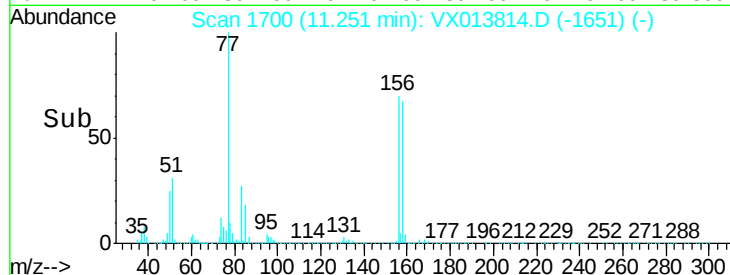
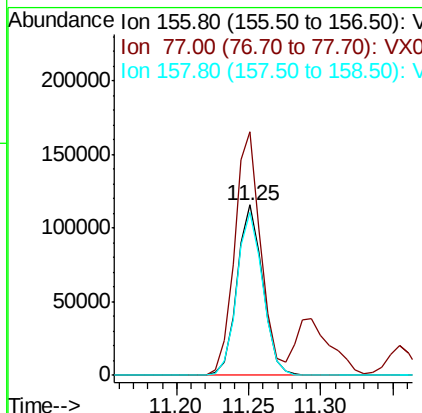
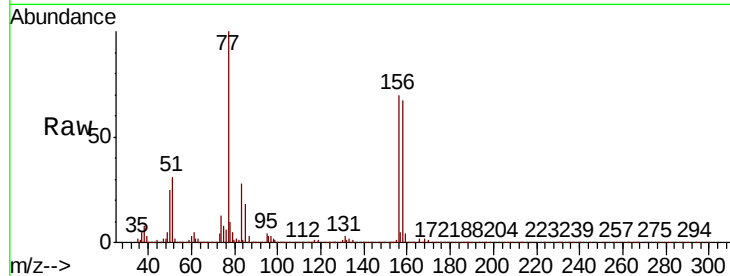
ClientSampleId :

VX1206WBS02

Tot Ion:	156	Resp:	143671
Ion Ratio	Lower	Upper	
156	100		
77	147.3	74.4	223.1
158	97.2	48.9	146.6

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#78

n-propylbenzene

Concen: 18.759 ug/l

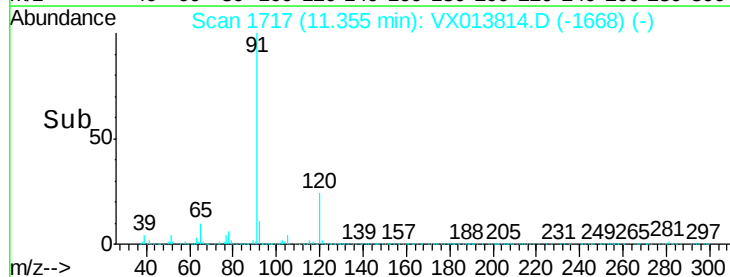
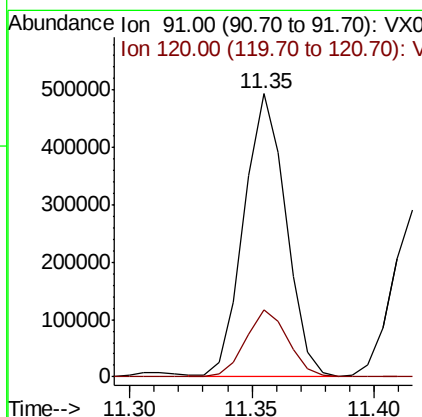
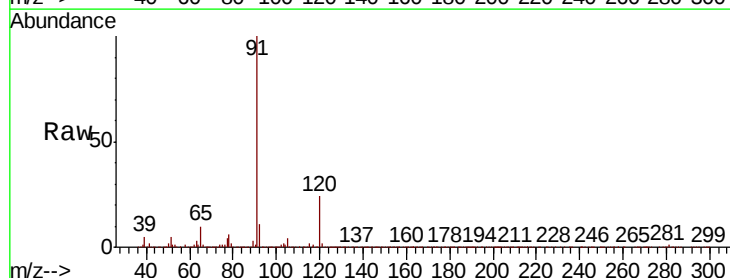
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	91	Resp:	587084
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.042 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion: 91 Resp: 357481

Ion Ratio Lower Upper

91 100

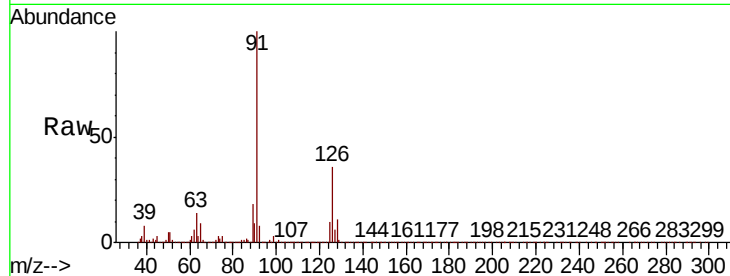
126 35.5 17.5 52.5

Manual Integrations

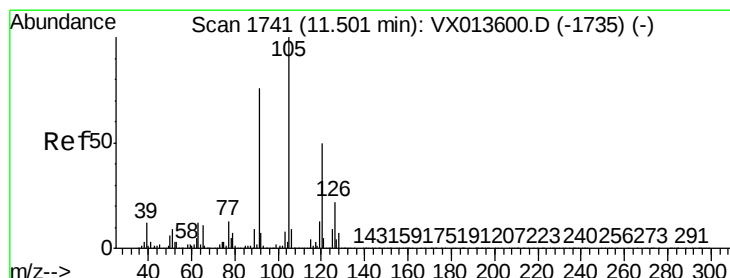
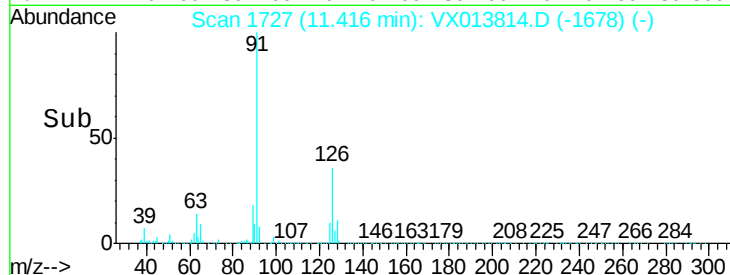
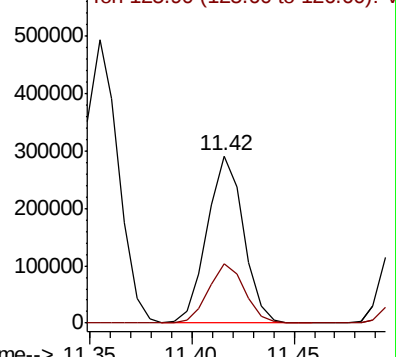
APPROVED

apatel

12/9/2019 9:08:11 AM



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.302 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013814.D

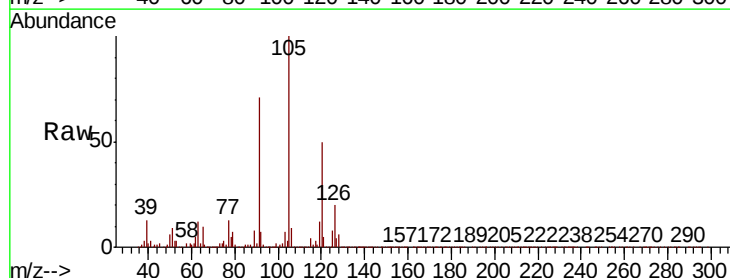
Acq: 06 Dec 2019 21:41

Tgt Ion: 105 Resp: 443506

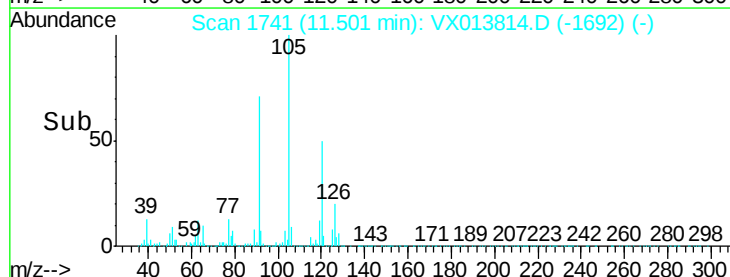
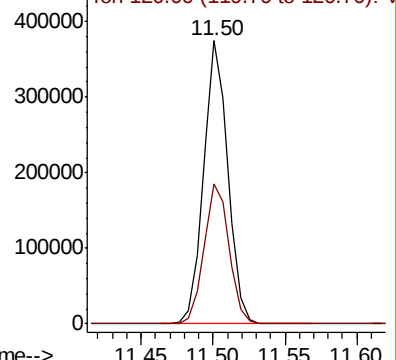
Ion Ratio Lower Upper

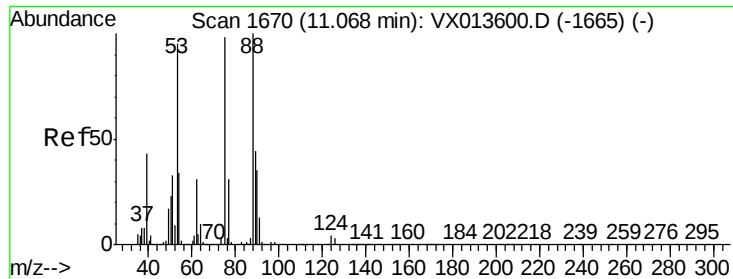
105 100

120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)





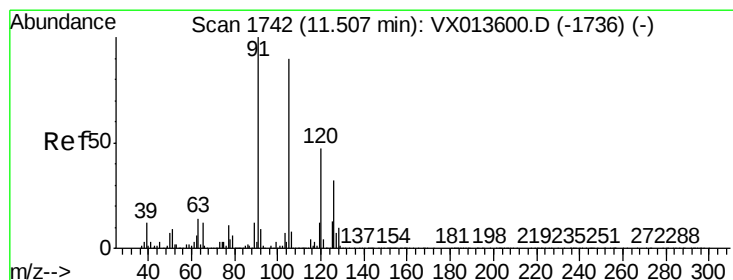
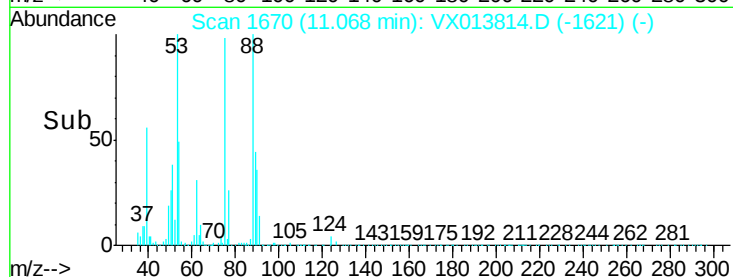
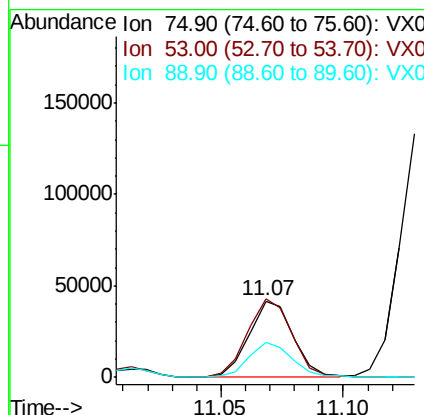
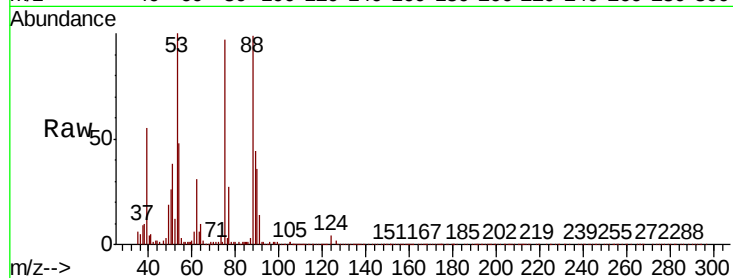
#81
trans-1,4-Dichloro-2-butene
Concen: 15.899 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.4	78.2	117.2
89	46.1	35.4	53.2

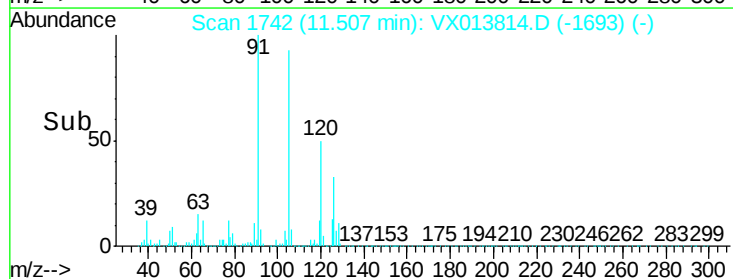
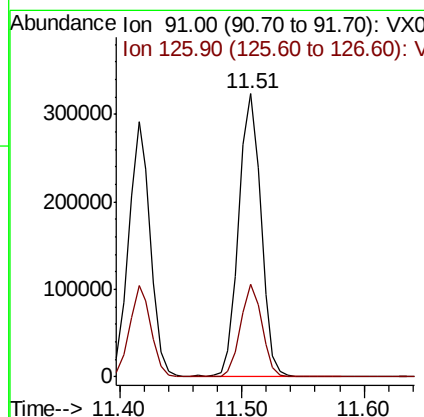
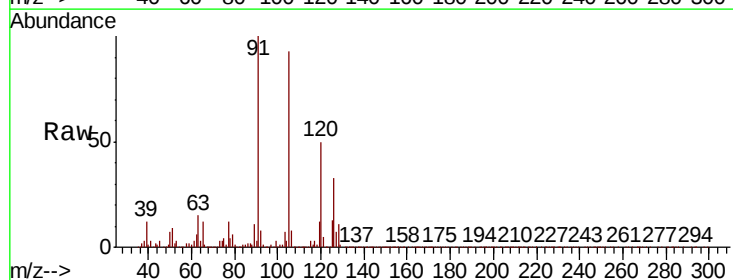
Manual Integrations
APPROVED

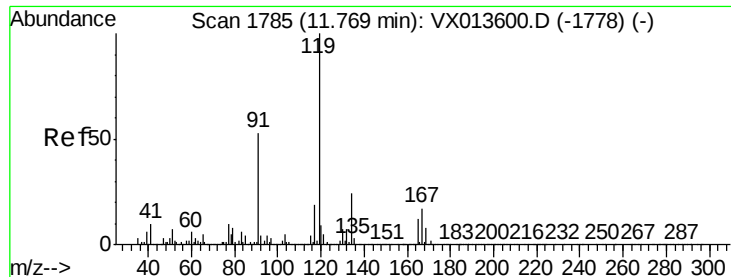
apatel
12/9/2019 9:08:11 AM



#82
4-Chlorotoluene
Concen: 18.574 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.0





#83

tert-Butylbenzene

Concen: 16.183 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

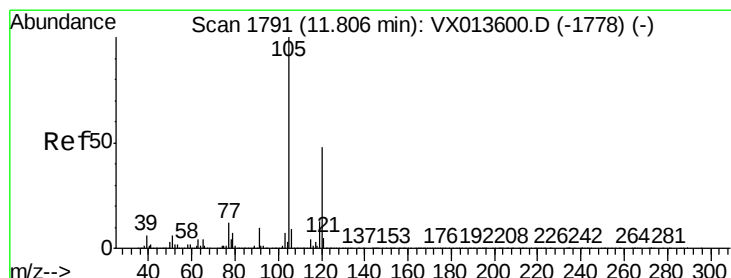
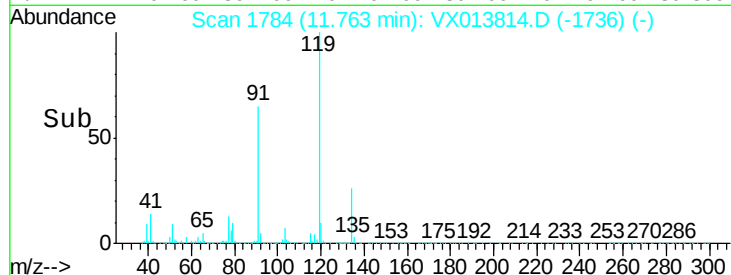
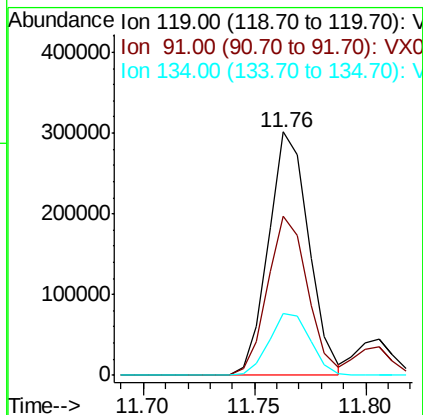
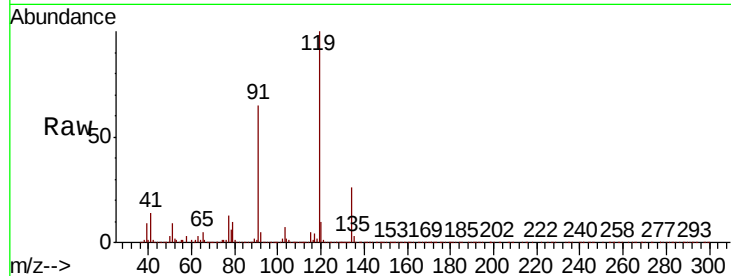
ClientSampleId :

VX1206WBS02

Tot Ion:	119	Resp:	377900
Ion Ratio	Lower	Upper	
119	100		
91	65.2	27.2	81.6
134	26.4	11.7	35.1

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.113 ug/l

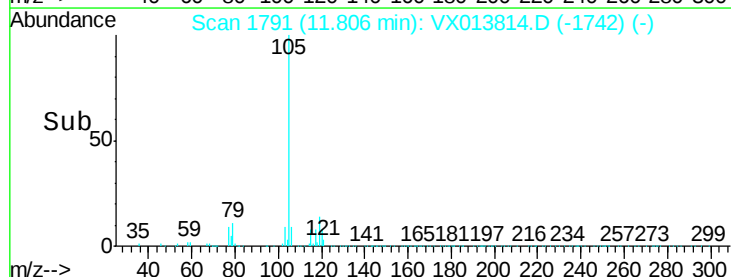
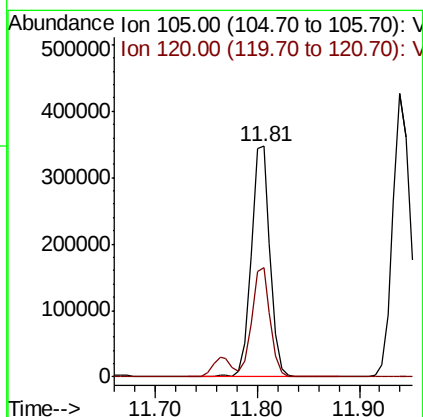
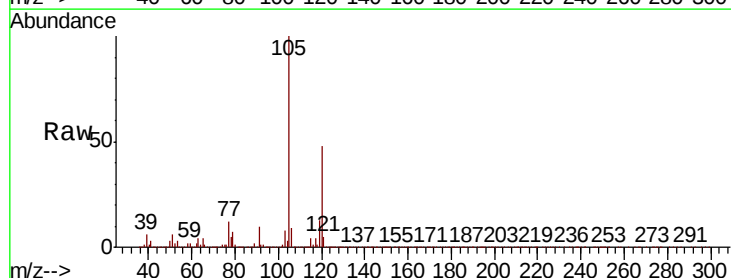
RT: 11.81 min Scan# 1791

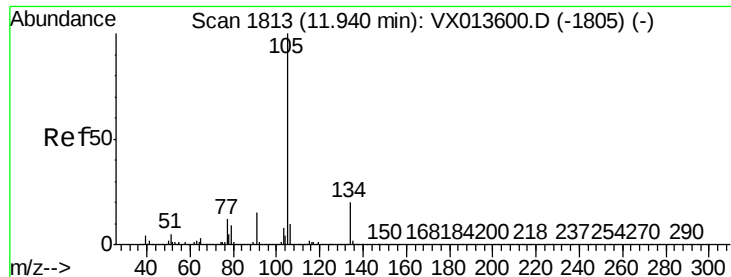
Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	105	Resp:	445721
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.178 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBS02

Tot Ion:105 Resp: 511543

Ion Ratio Lower Upper

105 100

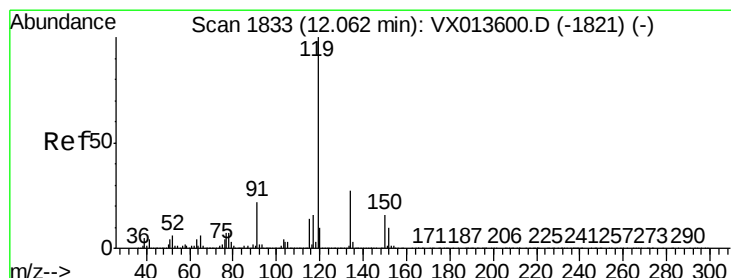
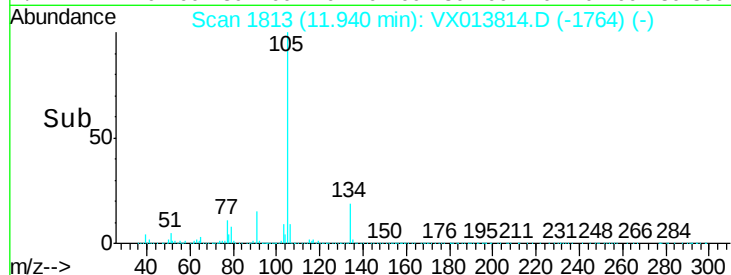
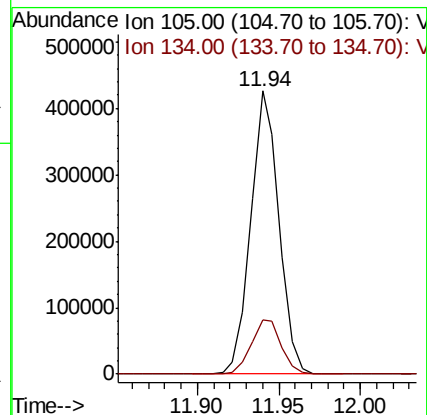
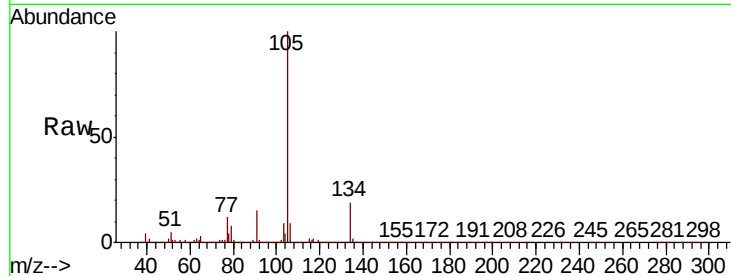
134 20.4 10.4 31.2

Manual Integrations

APPROVED

apatel

12/9/2019 9:08:11 AM



#86

p-Isopropyltoluene

Concen: 18.763 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

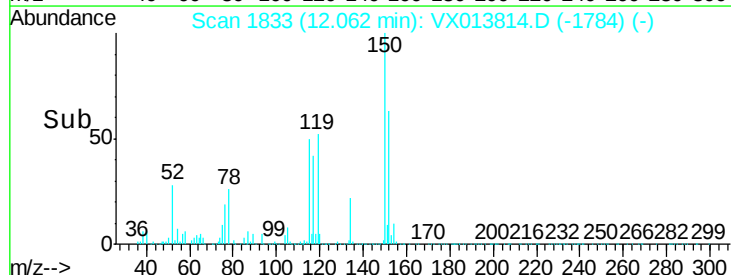
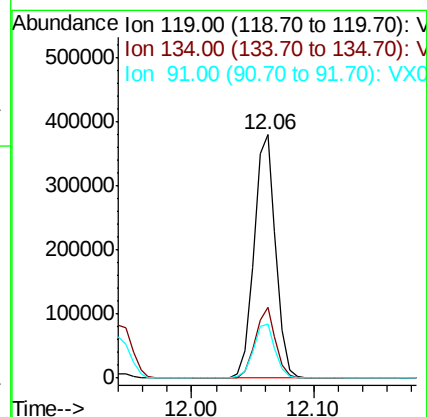
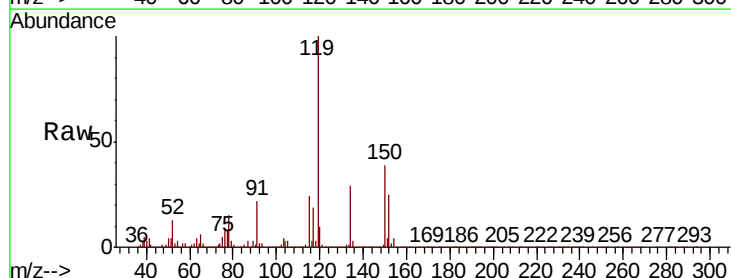
Tgt Ion:119 Resp: 465590

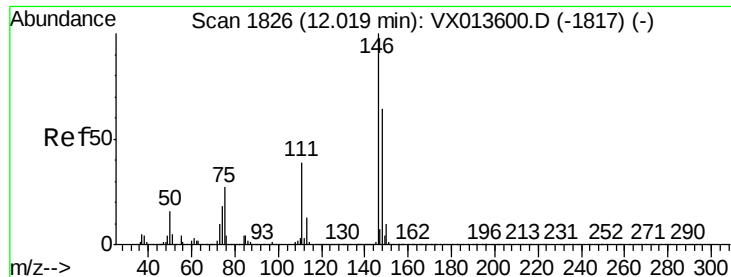
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.9

91 22.2 11.3 33.8





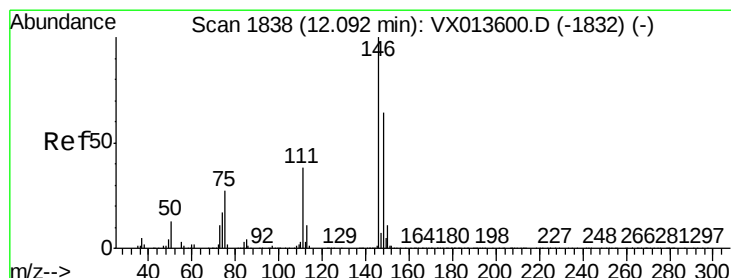
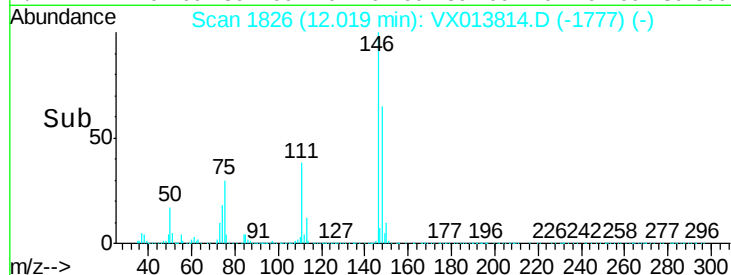
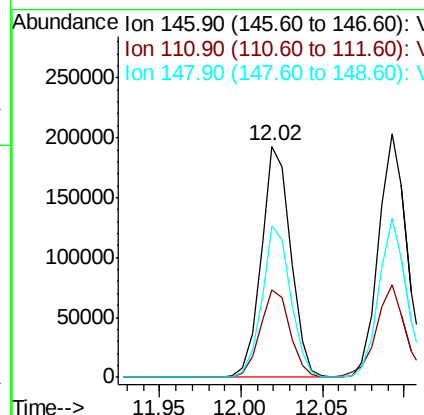
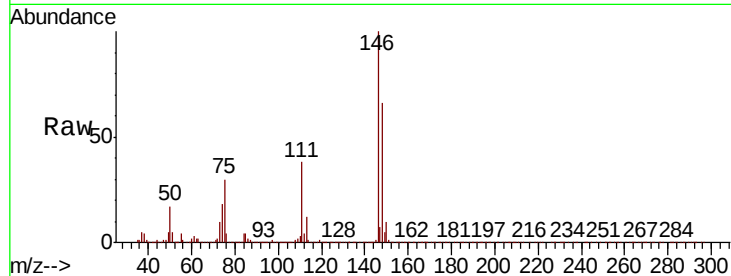
#87
 1,3-Dichlorobenzene
 Concen: 18.281 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.1	31.8	95.4

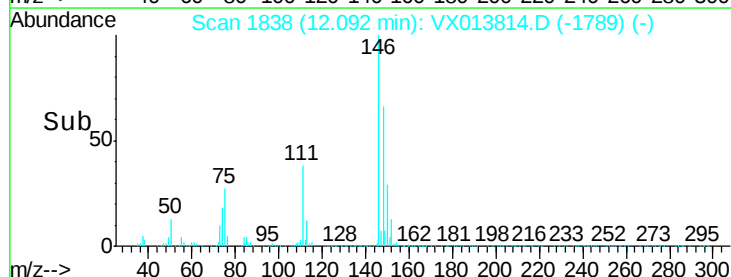
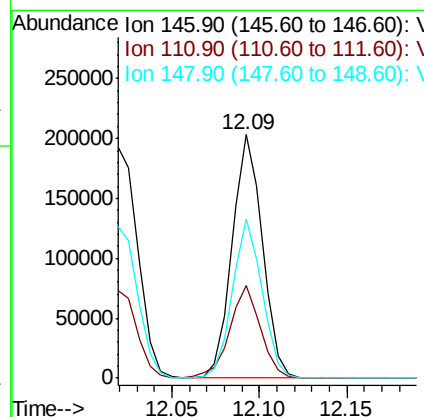
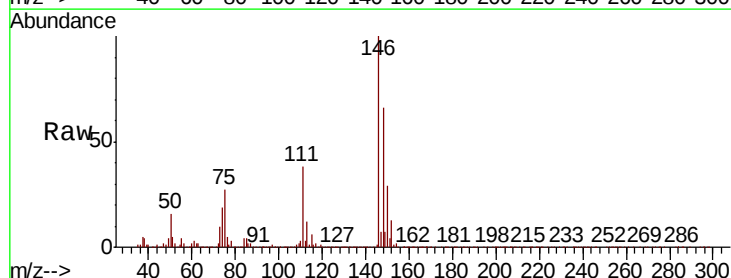
Manual Integrations
 APPROVED

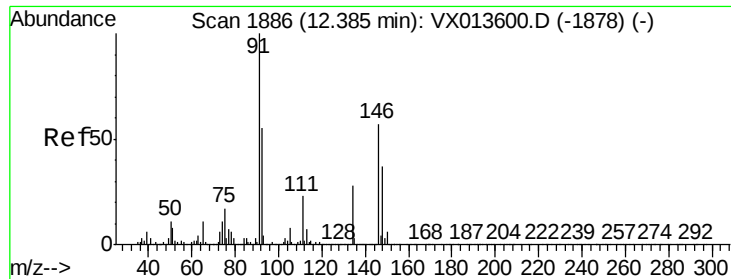
apatel
 12/9/2019 9:08:11 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.115 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013814.D
 Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	64.2	31.9	95.5





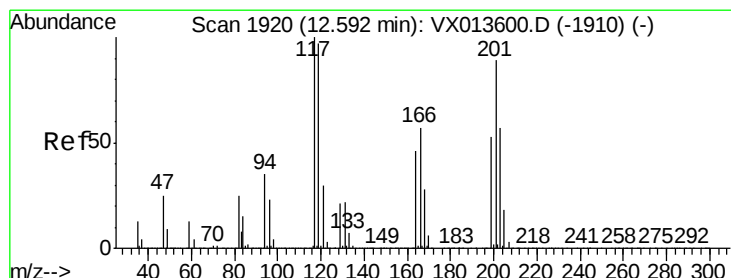
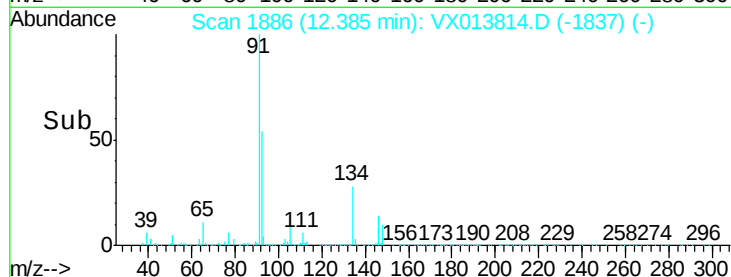
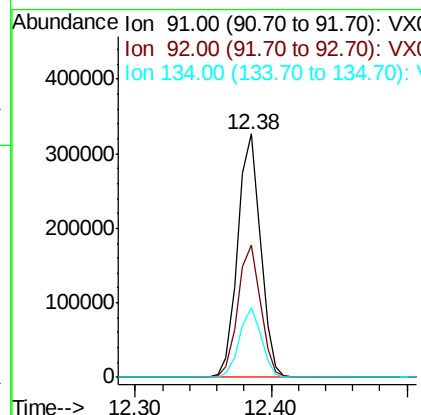
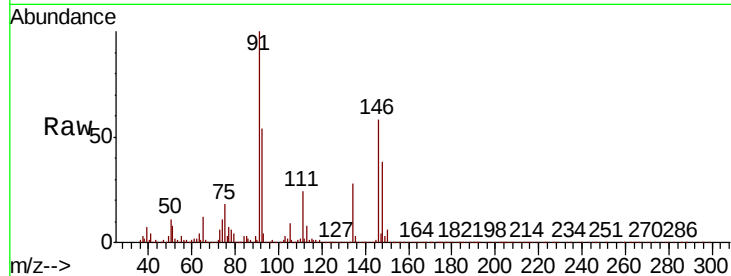
#89
n-Butylbenzene
Concen: 18.063 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.4	82.2
134	27.3	13.5	40.4

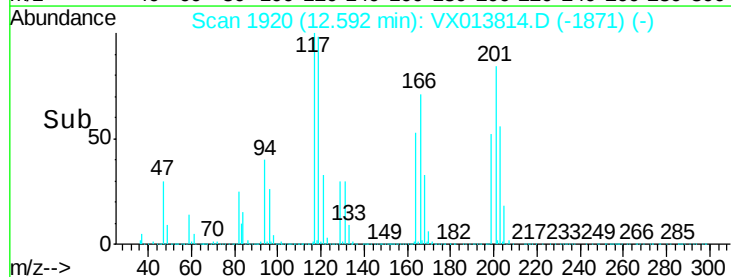
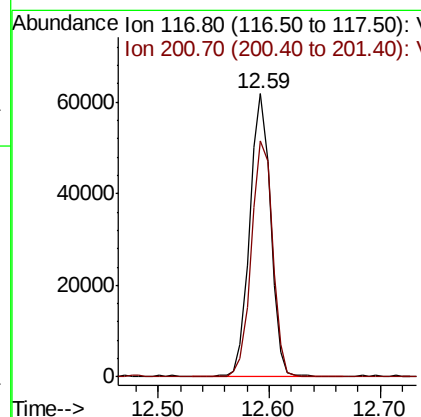
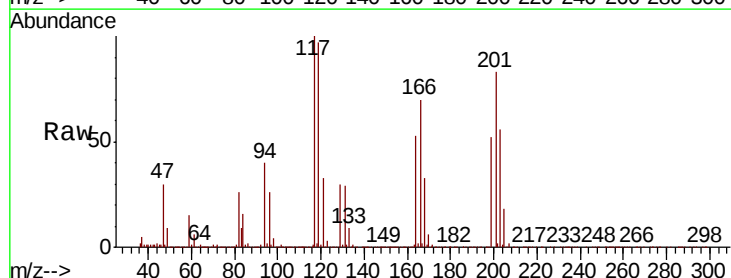
Manual Integrations
APPROVED

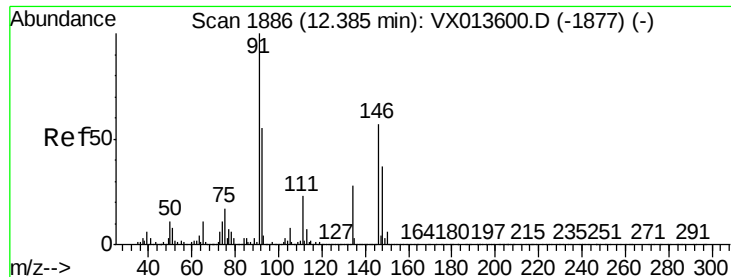
apatel
12/9/2019 9:08:11 AM



#90
Hexachloroethane
Concen: 17.871 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.5	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 18.656 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

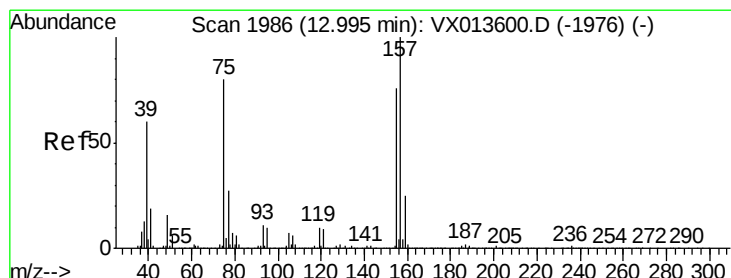
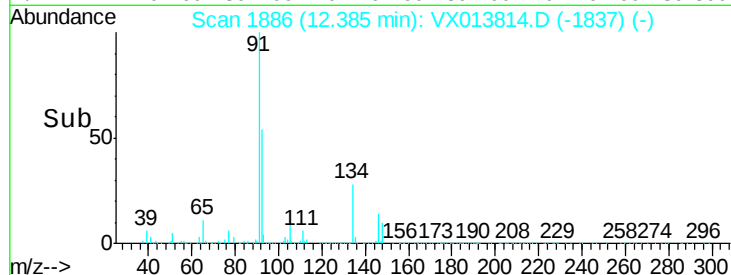
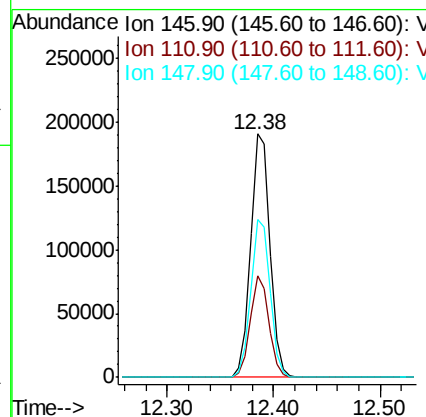
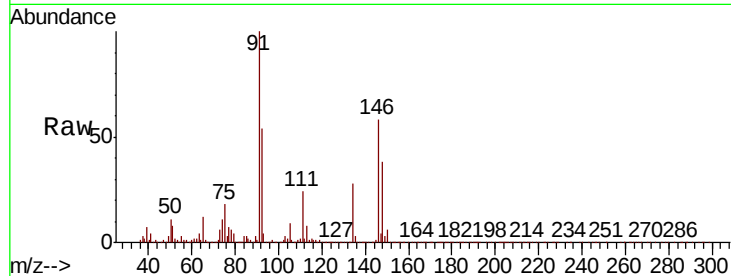
ClientSampleId :

VX1206WBS02

Tot Ion:	146	Resp:	243366
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.6	58.7
148	64.8	31.9	95.7

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.356 ug/l

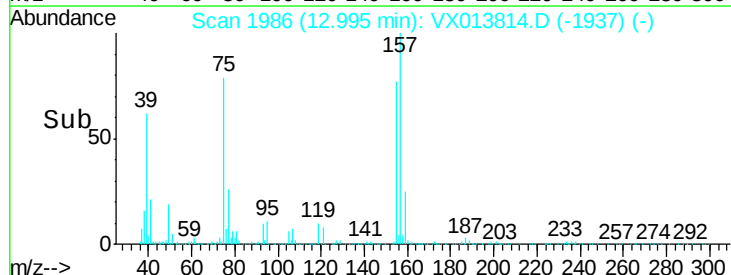
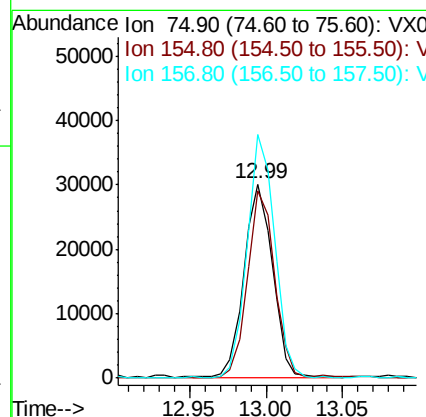
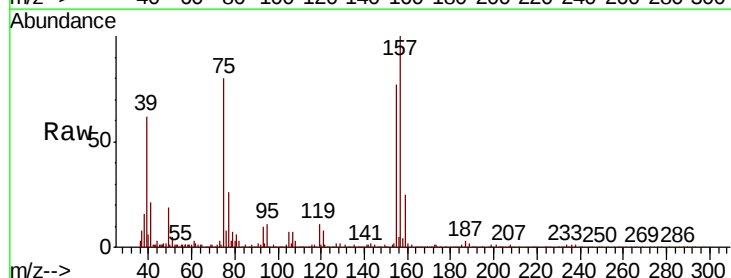
RT: 12.99 min Scan# 1986

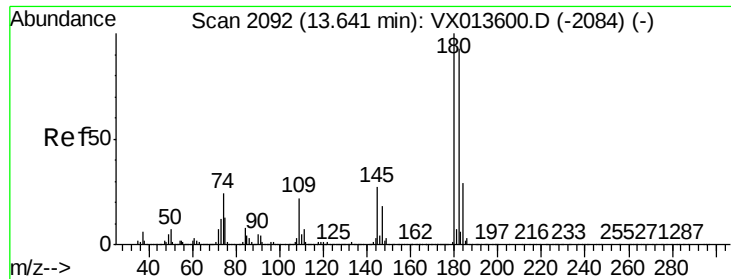
Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	75	Resp:	38864
Ion Ratio	Lower	Upper	
75	100		
155	94.5	47.6	142.8
157	122.3	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 17.204 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Instrument :

MSVOA_X

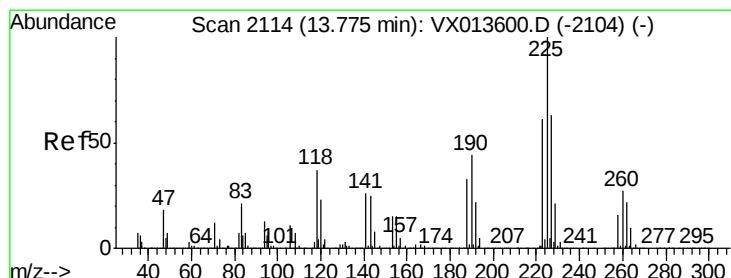
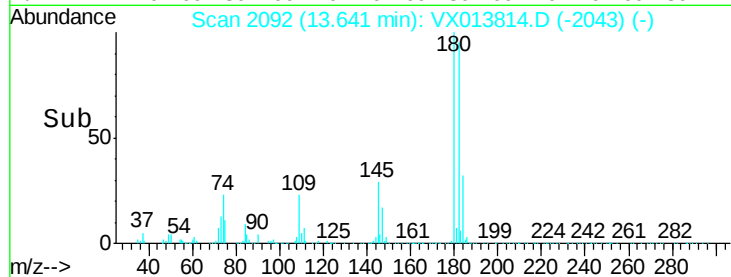
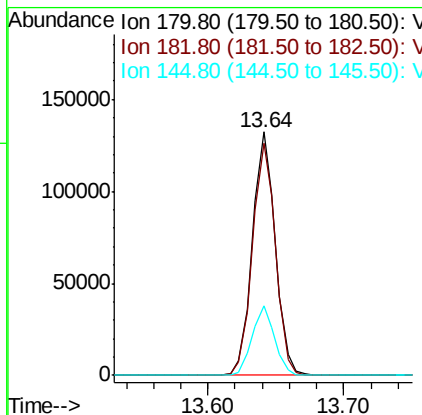
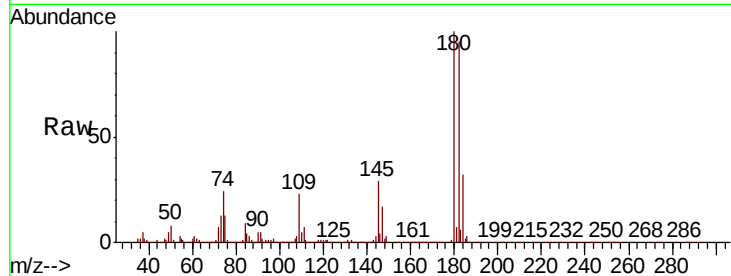
ClientSampleId :

VX1206WBS02

Tot Ion:	180	Resp:	156400
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.2	141.6
145	28.4	13.8	41.4

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#94

Hexachlorobutadiene

Concen: 17.442 ug/l

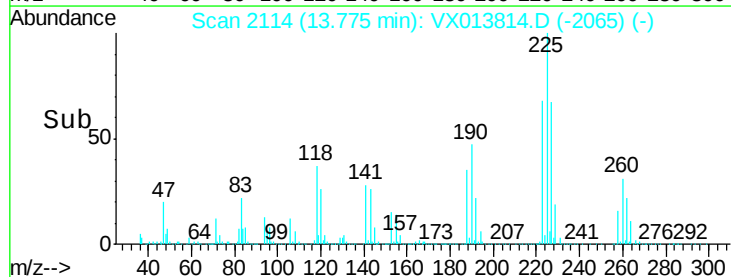
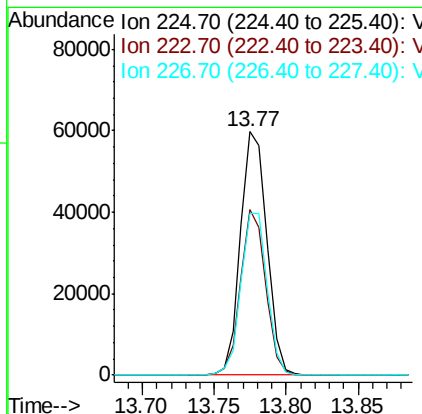
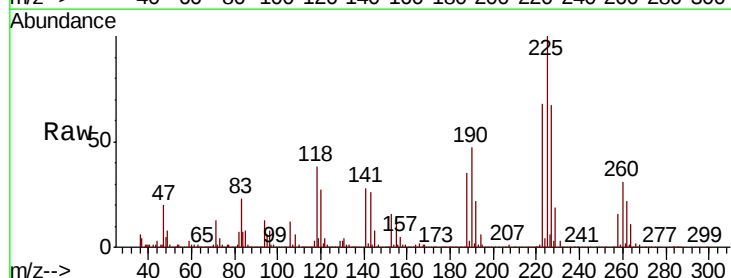
RT: 13.77 min Scan# 2114

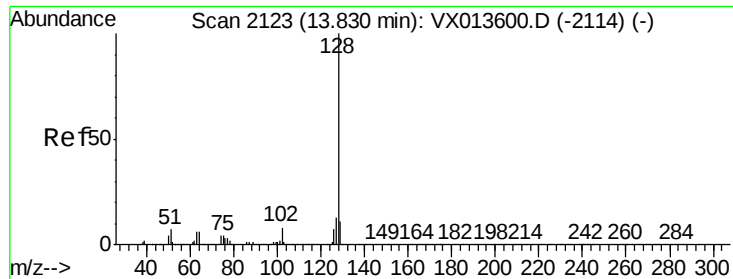
Delta R.T. -0.00 min

Lab File: VX013814.D

Acq: 06 Dec 2019 21:41

Tgt Ion:	225	Resp:	76171
Ion Ratio	Lower	Upper	
225	100		
223	64.4	31.9	95.5
227	66.4	32.1	96.3





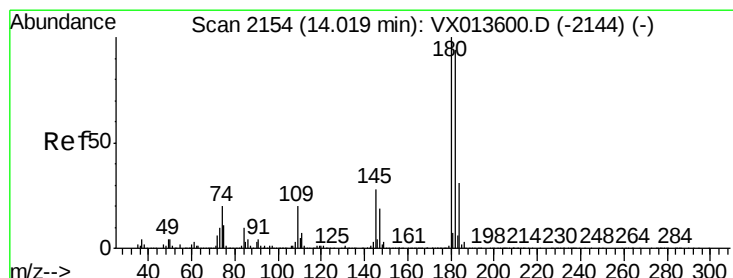
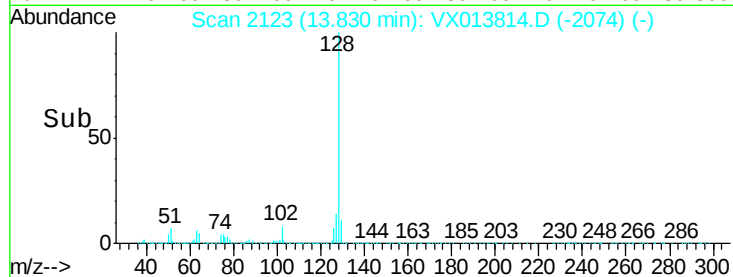
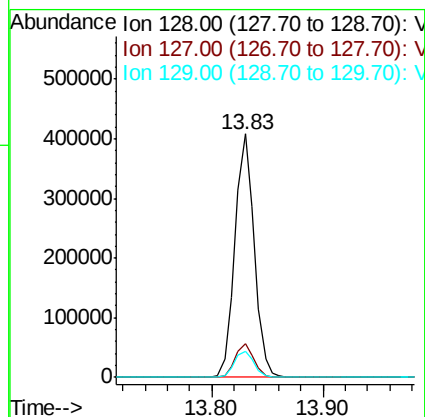
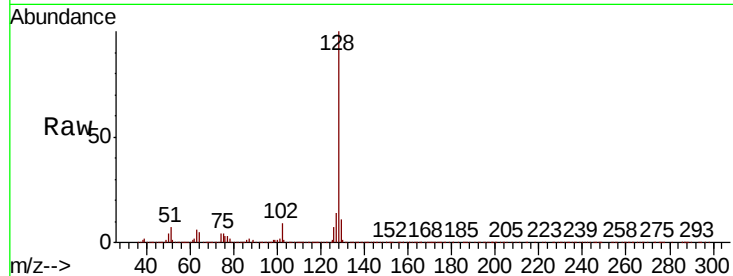
#95
Naphthalene
Concen: 18.035 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1206WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
12/9/2019 9:08:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.261 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013814.D
Acq: 06 Dec 2019 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	28.5	15.0	45.0

