

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027362.D
 Acq On : 03 Oct 2018 16:59
 Operator : MD/SY
 Sample : VU1003WBSD02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
Client Sampled :
 VU1003WBSD02

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM

Quant Time: Oct 03 17:19:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 17:14:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	24163	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	8040	0.88	ug/l	0.00
Spiked Amount	1.000		Recovery	=	88.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	7514	0.96	ug/l	0.00
Spiked Amount	1.000		Recovery	=	96.00%	

apatel

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	16127	1.990	ug/l	98
3) Chloromethane	1.33	50	19198	2.040	ug/l	100
4) Vinyl Chloride	1.40	62	19549	2.042	ug/l	100
5) Bromomethane	1.63	94	11094	2.770	ug/l	96
6) Chloroethane	1.70	64	14835	2.080	ug/l	100
7) Trichlorofluoromethane	1.89	101	22212	2.002	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12330	1.889	ug/l	97
9) 1,1-Dichloroethene	2.29	96	10316	1.898	ug/l	92
10) Iodomethane	2.41	142	10442	1.705	ug/l	96
11) Allyl Chloride	2.59	41	28208	1.964	ug/l	99
12) Acrylonitrile	2.94	53	7922	4.222	ug/l	99
13) Acetone	2.32	43	16293	9.228	ug/l	99
14) Carbon Disulfide	2.48	76	34214	2.026	ug/l	100
15) Methylene Chloride	2.70	84	16710	2.148	ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	13621	2.154	ug/l	99
17) 1,1-Dichloroethane	3.45	63	30687	2.011	ug/l	100
18) 2-Butanone	4.28	43	29247	10.179	ug/l	98
19) Cyclohexane	4.99	56	20518	1.780	ug/l	97
20) Methylcyclohexane	6.41	83	22261	2.150	ug/l	96
21) 2,2-Dichloropropane	4.23	77	25738	1.969	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	14856	1.950	ug/l	99
23) Diethyl Ether	2.11	59	10719	1.848	ug/l	98
24) tert-Butyl Alcohol	2.84	59	13535	20.637	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	36152	1.993	ug/l	97
26) Bromochloromethane	4.55	128	5645	2.016	ug/l	91
27) Chloroform	4.68	83	26453	1.899	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	22008	1.948	ug/l	98
29) 1,1-Dichloropropene	5.13	75	19863	1.952	ug/l	98
30) Carbon Tetrachloride	5.13	117	18457	1.975	ug/l	98
31) Isopropyl Ether	3.58	45	57365	1.976	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	45066	1.988	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	36163	1.992	ug/l	99
34) Propionitrile	4.34	54	7655	10.328	ug/l #	96
35) Benzene	5.39	78	61119	2.054	ug/l	99
36) 1,2-Dichloroethane	5.41	62	20305	2.081	ug/l	100
37) Trichloroethene	6.18	130	13756	2.082	ug/l	100
38) 1,2-Dichloropropane	6.44	63	18236	2.027	ug/l	97
39) Methacrylonitrile	4.56	41	6721	1.733	ug/l #	82
40) Methyl acrylate	4.43	55	10129	2.051	ug/l	96
41) Tetrahydrofuran	4.66	42	6980	3.395	ug/l	97
42) 1-Chlorobutane	5.06	56	29403	1.796	ug/l	92

10/5/2018 11:57:10 AM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027362.D
 Acq On : 03 Oct 2018 16:59
 Operator : MD/SY
 Sample : VU1003WBSD02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
Client Sampled :
 VU1003WBSD02

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM

Quant Time: Oct 03 17:19:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 17:14:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	8042	2.148	ug/l	97
44) Bromodichloromethane	6.76	83	20825	2.050	ug/l	97
45) 4-Methyl-2-Pentanone	7.48	43	54949	9.534	ug/l	95
46) t-1,4-Dichloro-2-butene	10.52	75	5773m	3.455	ug/l	
47) Methyl methacrylate	6.64	69	14554	3.862	ug/l	97
48) Ethyl methacrylate	8.03	69	10957	1.669	ug/l	96
49) Toluene	7.64	92	29438	1.809	ug/l	94 apatel
50) t-1,3-Dichloropropene	7.88	75	16678	1.849	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	20984	1.941	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	10656	2.023	ug/l	100
53) 1,3-Dichloropropane	8.25	76	19260	1.927	ug/l	98
54) 2-Hexanone	8.38	43	36501	9.166	ug/l	93 10/5/2018 11:57:10 AM
55) Dibromochloromethane	8.48	129	11949	2.054	ug/l	99
56) 1,2-Dibromoethane	8.59	107	9236	1.983	ug/l	98
58) Tetrachloroethene	8.23	164	11084	1.893	ug/l	98
59) Chlorobenzene	9.12	112	31486	1.855	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	13568	2.080	ug/l	99
61) Pentachloroethane	11.10	117	11786	2.186	ug/l	92
62) Hexachloroethane	12.15	117	10438	2.030	ug/l	99
63) Ethyl Benzene	9.25	91	49679	1.705	ug/l	98
64) m/p-Xylenes	9.38	106	39114	3.582	ug/l	98
65) o-Xylene	9.78	106	17702	1.708	ug/l	95
66) Styrene	9.79	104	32262	1.773	ug/l	99
67) Bromoform	9.96	173	6618	2.127	ug/l	99
69) Isopropylbenzene	10.17	105	46033	1.684	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	14486	2.036	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	11576m	2.108	ug/l	
72) Bromobenzene	10.46	156	12234	1.855	ug/l	96
73) n-propylbenzene	10.59	120	13012	1.768	ug/l	96
74) 2-Chlorotoluene	10.66	126	12494	1.857	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	42272	1.738	ug/l	98
76) 4-Chlorotoluene	10.77	126	13136	1.903	ug/l	98
77) tert-Butylbenzene	11.10	119	40437	1.761	ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	42868	1.727	ug/l	98
79) sec-Butylbenzene	11.32	105	56212	1.784	ug/l	100
80) Nitrobenzene	12.87	77	3147	10.758	ug/l #	97
81) p-Isopropyltoluene	11.48	119	45229	1.785	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	28089	2.022	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	28150	2.025	ug/l	99
84) n-Butylbenzene	11.89	91	45352	1.764	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	26089	2.030	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2336	2.167	ug/l	88
87) 1,2,4-Trichlorobenzene	13.50	180	15547	1.908	ug/l	99
88) Hexachlorobutadiene	13.69	225	10170	1.887	ug/l	100
89) Naphthalene	13.75	128	22185	1.544	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	14183	1.761	ug/l	99

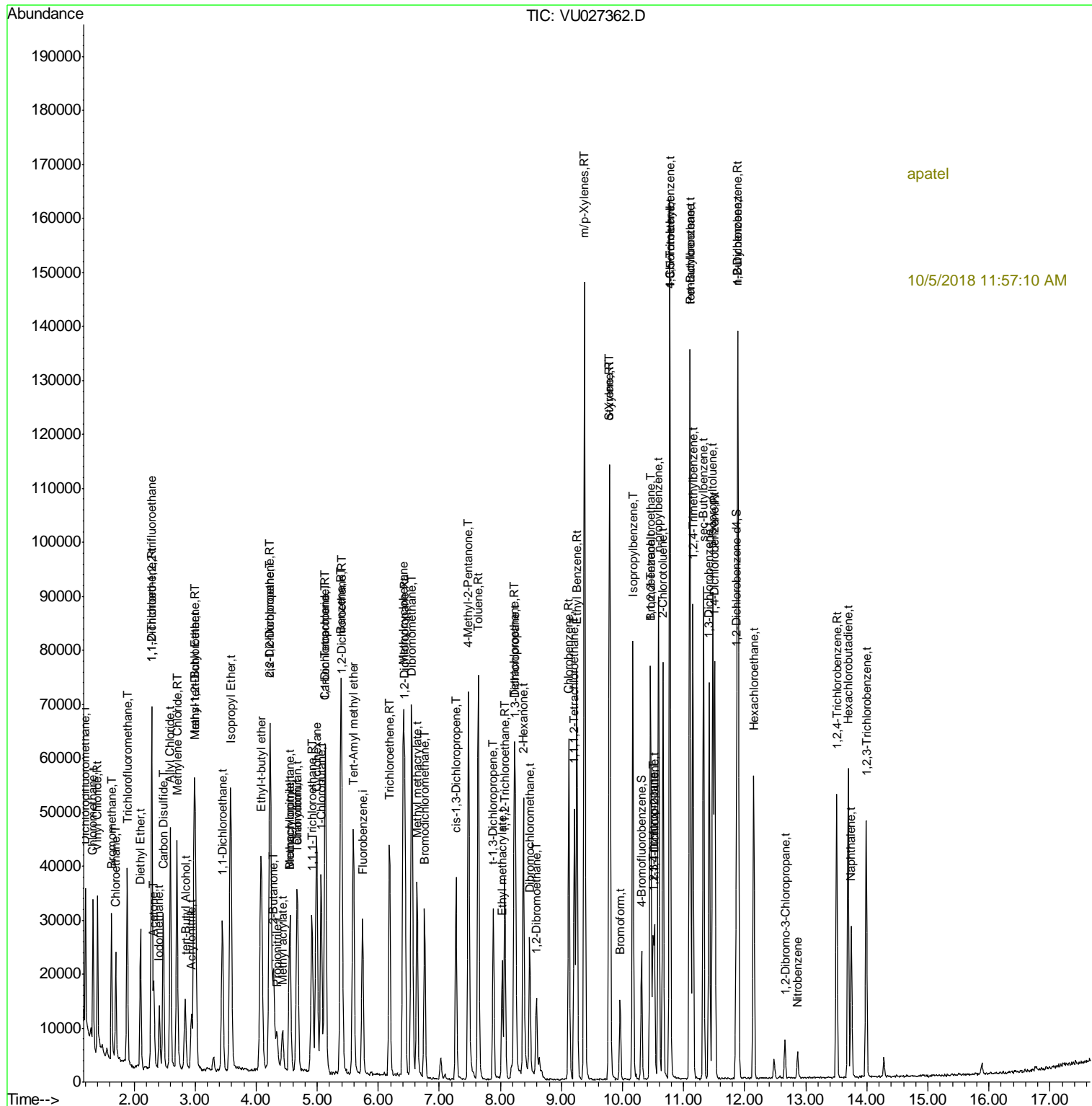
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100318\
 Data File : VU027362.D
 Acq On : 03 Oct 2018 16:59
 Operator : MD/SY
 Sample : VU1003WBSD02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 VU1003WBSD02

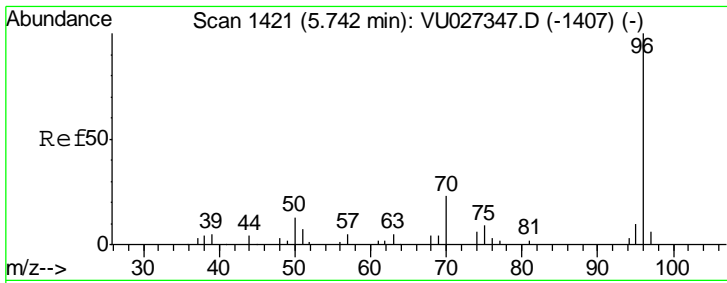
Manual Integrations
 APPROVED
 apatel
 10/5/2018 11:57:10 AM

Quant Time: Oct 03 17:19:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 17:14:05 2018
 Response via : Initial Calibration



apatel

10/5/2018 11:57:10 AM

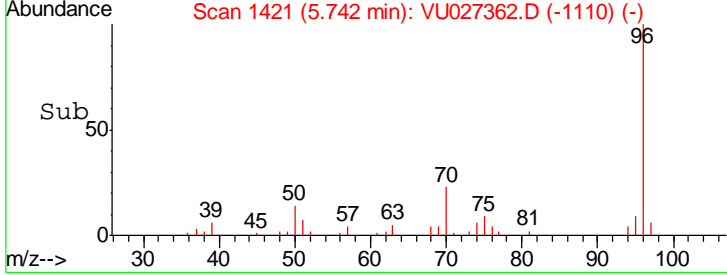
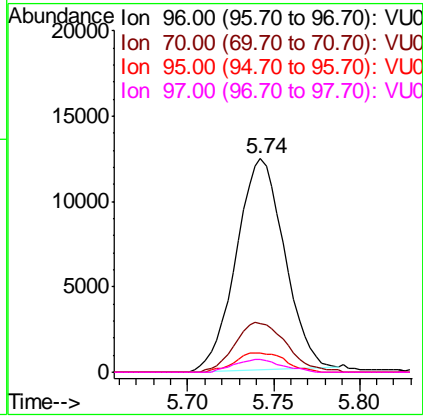
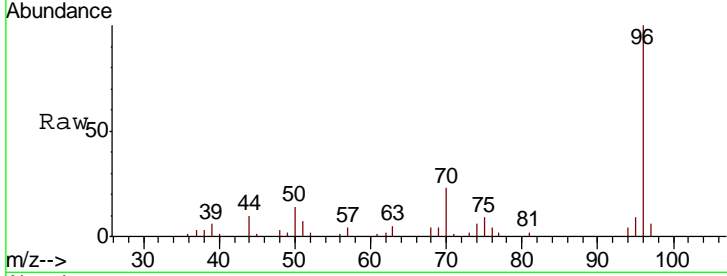


#1
 Fluorobenzene
 Concen: 1.000 ug/l
 RT: 5.74 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

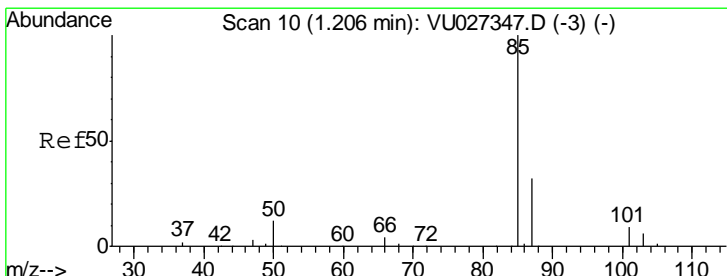
Tgt Ion	Resp	Lower	Upper
96	24163		
70	25.3	19.2	28.8
95	9.7	7.7	11.5
97	6.0	0.0	0.0

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



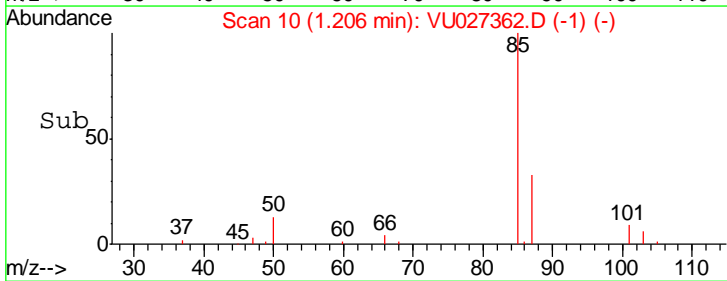
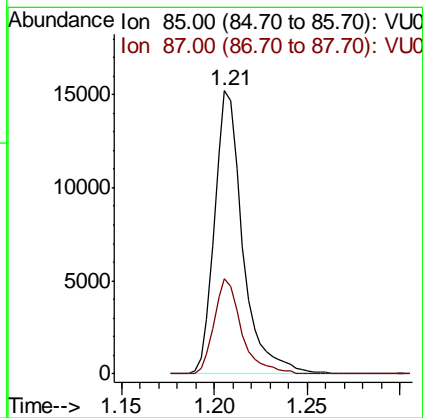
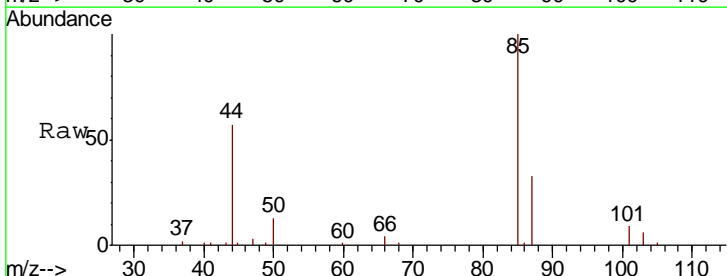
apatel

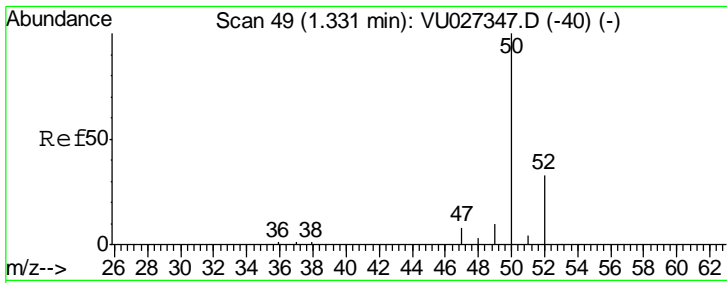
10/5/2018 11:57:10 AM



#2
 Dichlorodifluoromethane
 Concen: 1.990 ug/l
 RT: 1.21 min Scan# 10
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
85	16127		
87	33.5	16.1	48.3



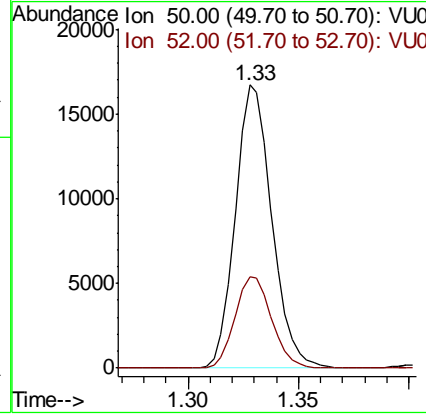
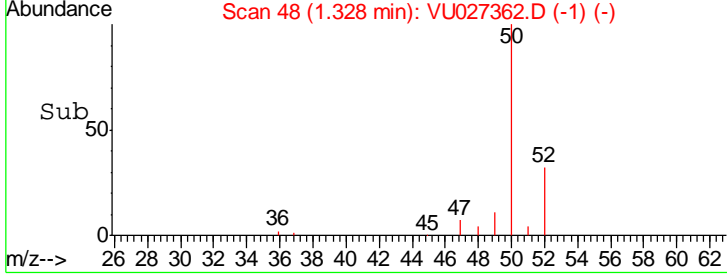
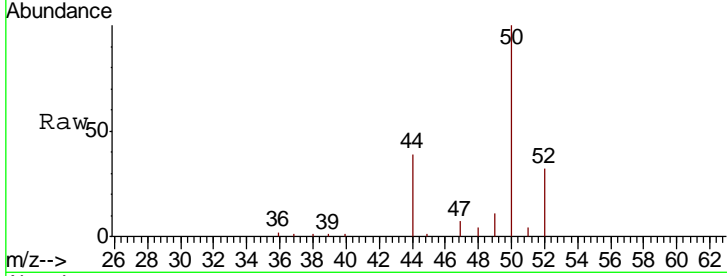


#3
 Chloromethane
 Concen: 2.040 ug/l
 RT: 1.33 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
50	19198		
52	32.4	26.0	39.0

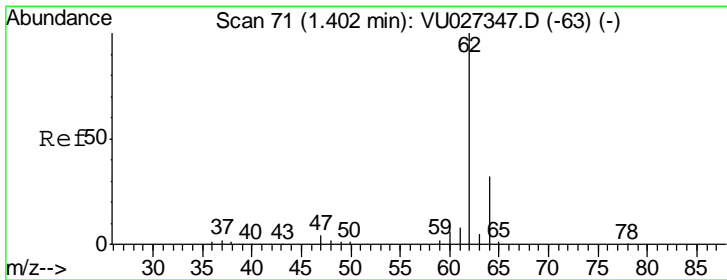
Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



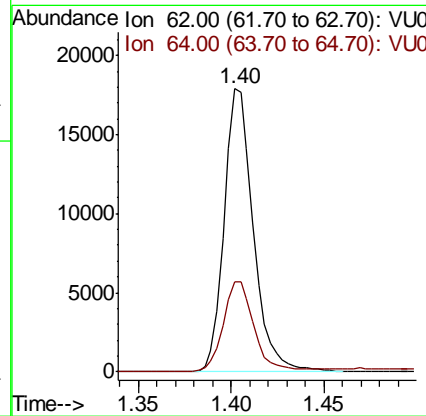
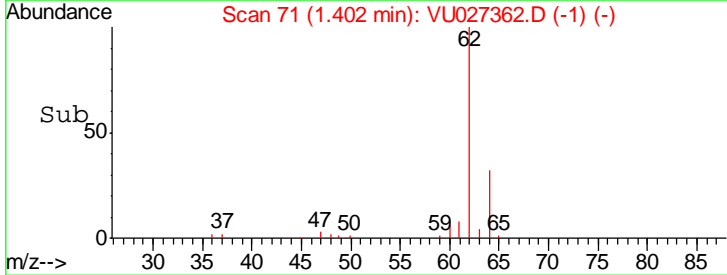
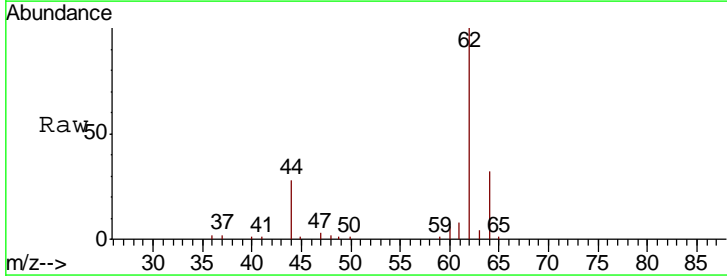
apatel

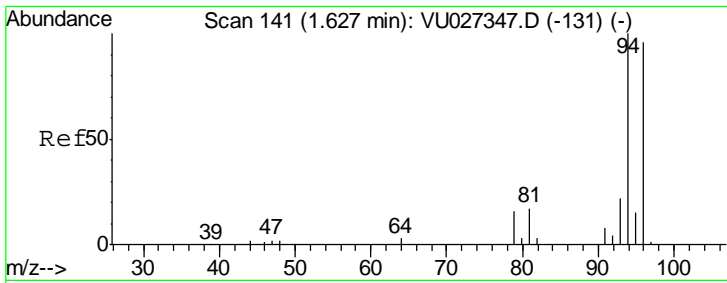
10/5/2018 11:57:10 AM



#4
 Vinyl Chloride
 Concen: 2.042 ug/l
 RT: 1.40 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
62	19549		
64	31.8	25.6	38.4





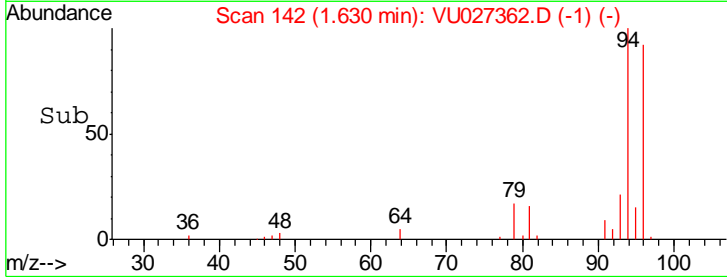
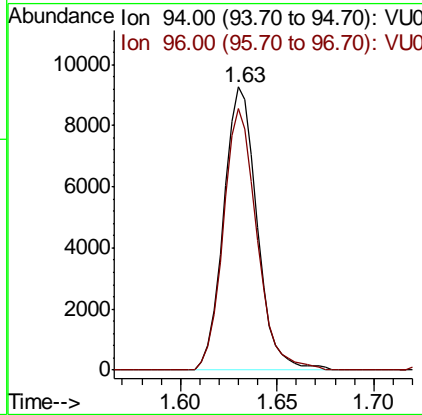
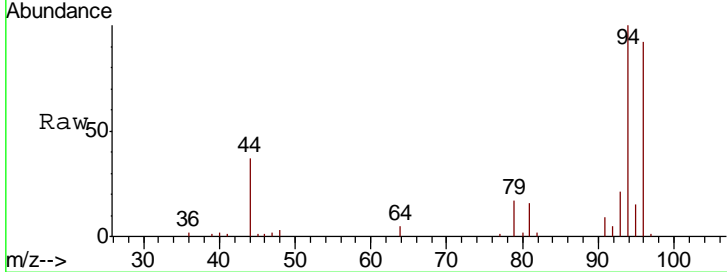
#5
 Bromomethane
 Concen: 2.770 ug/l
 RT: 1.63 min Scan# 142
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
94	11094		
96	92.3	77.0	115.6

Manual Integrations
 APPROVED

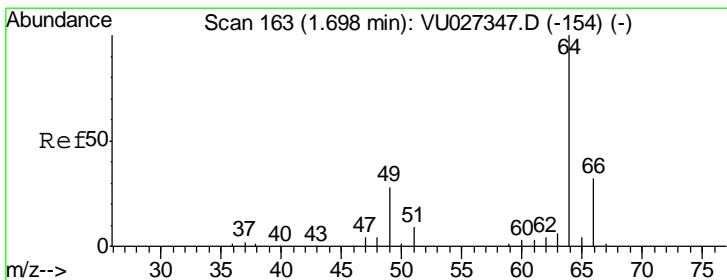
apatel
 10/5/2018 11:57:10 AM



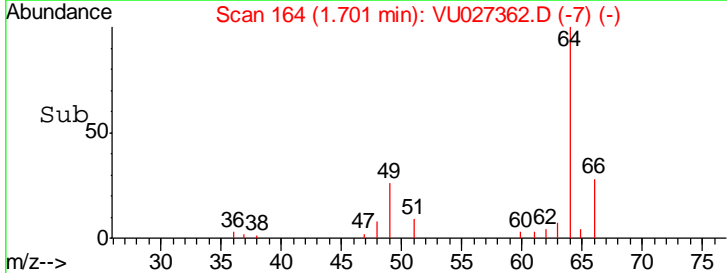
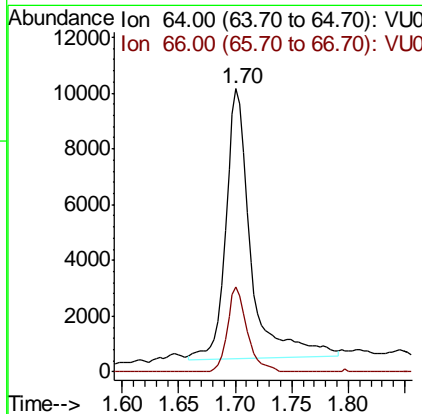
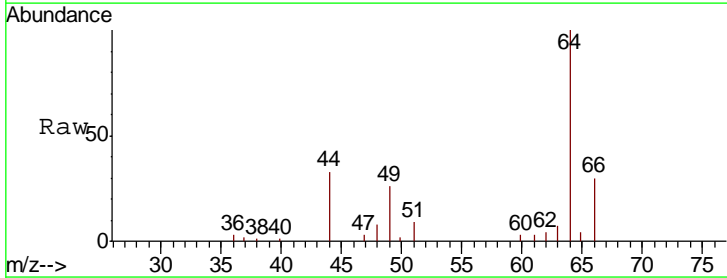
#6
 Chloroethane
 Concen: 2.080 ug/l
 RT: 1.70 min Scan# 164
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

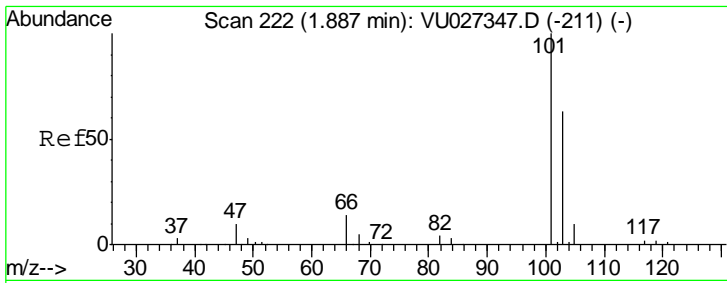
apatel

10/5/2018 11:57:10 AM



Tgt Ion	Resp	Lower	Upper
64	14835		
66	31.7	25.3	37.9





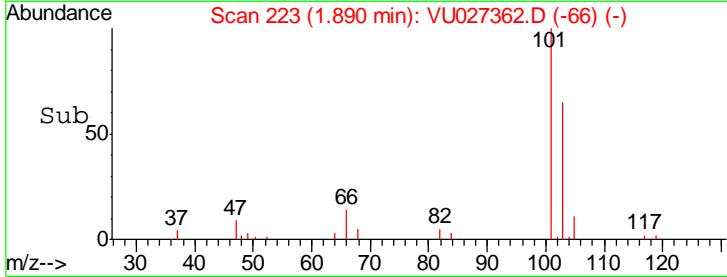
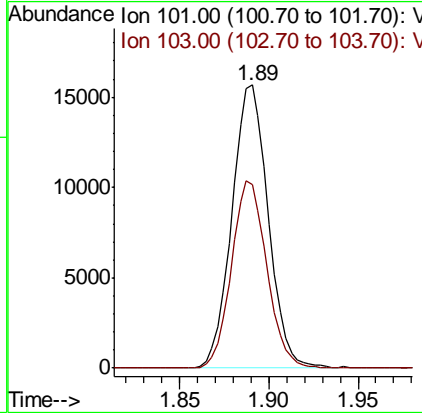
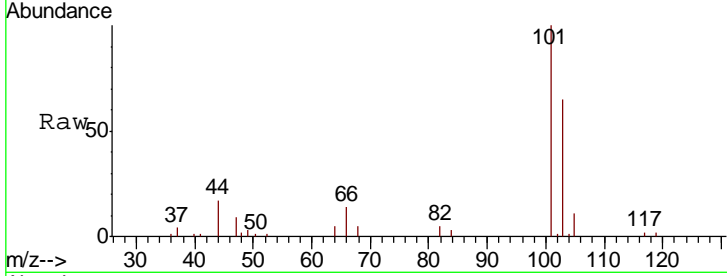
#7
 Trichlorofluoromethane
 Concen: 2.002 ug/l
 RT: 1.89 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
101	22212		
103	64.9	50.8	76.2

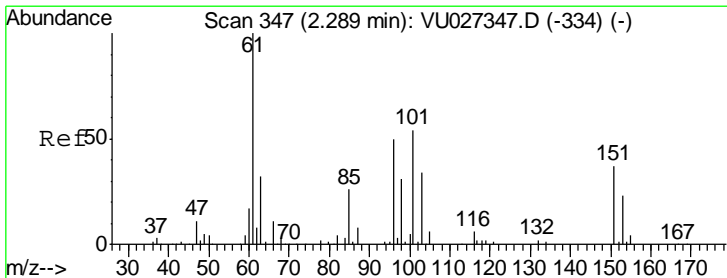
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



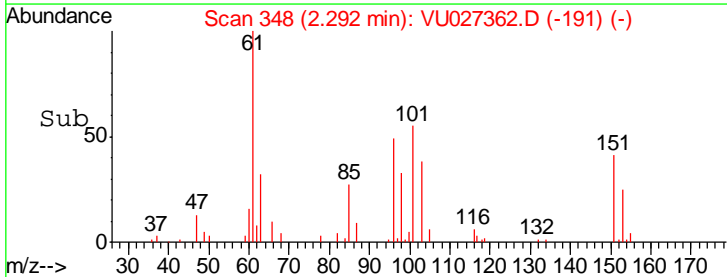
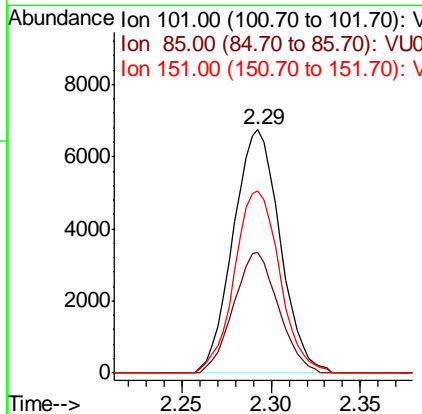
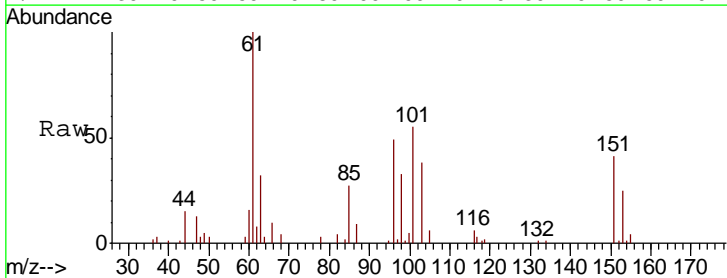
apatel

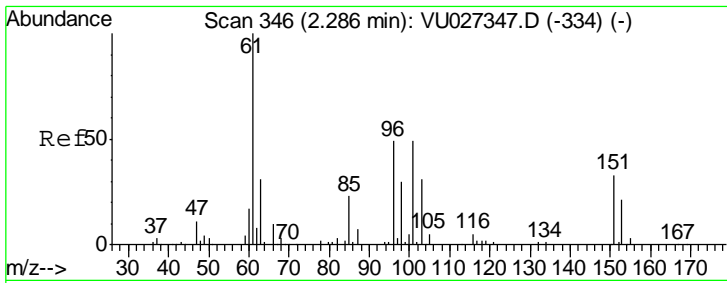
10/5/2018 11:57:10 AM



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.889 ug/l
 RT: 2.29 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

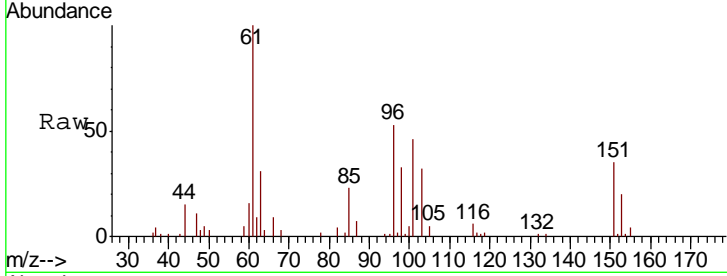
Tgt Ion	Resp	Lower	Upper
101	12330		
85	47.3	37.6	56.4
151	72.6	54.6	81.8





#9
 1,1-Dichloroethene
 Concen: 1.898 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

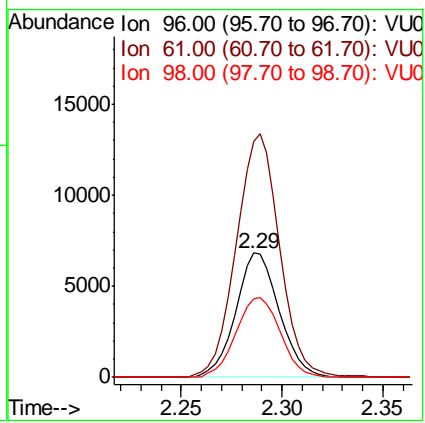
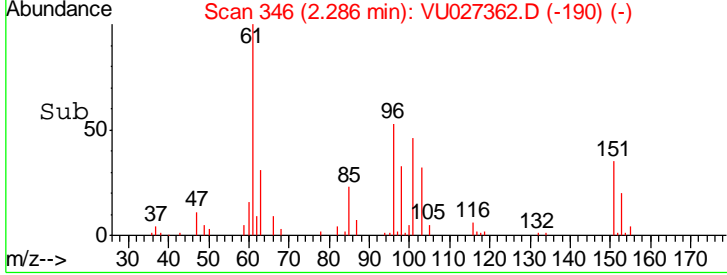
Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02



Tgt Ion: 96 Resp: 10316

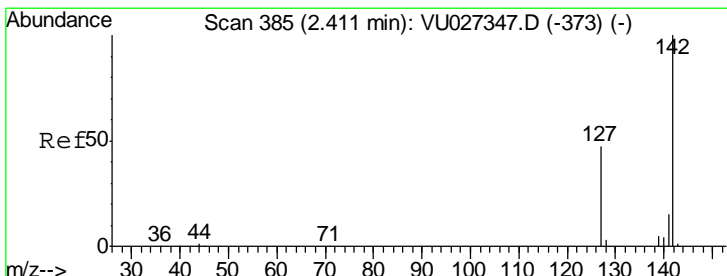
Ion	Ratio	Lower	Upper
96	100		
61	189.9	0.0	614.1
98	63.5	0.0	123.4

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM

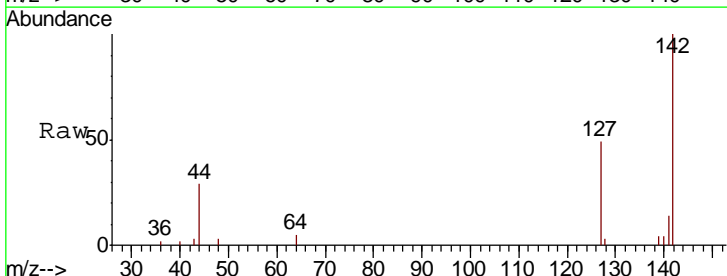


apatel

10/5/2018 11:57:10 AM

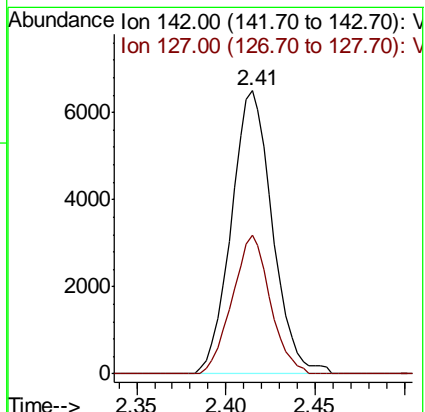
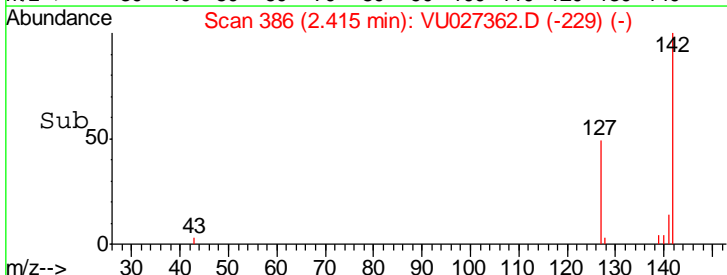


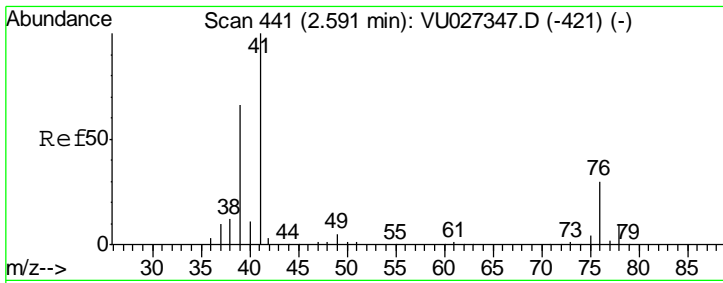
#10
 Iodomethane
 Concen: 1.705 ug/l
 RT: 2.41 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59



Tgt Ion: 142 Resp: 10442

Ion	Ratio	Lower	Upper
142	100		
127	45.2	38.3	57.5





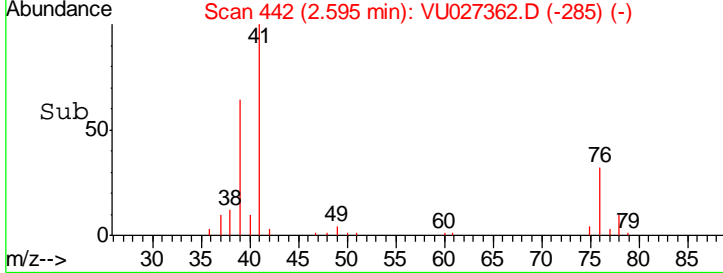
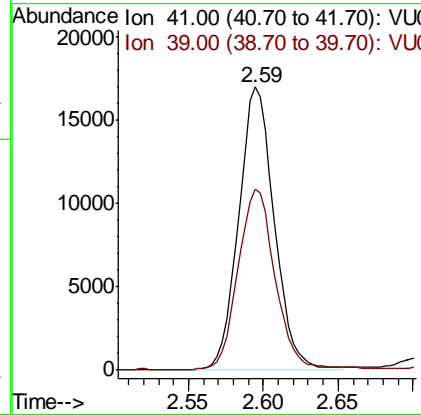
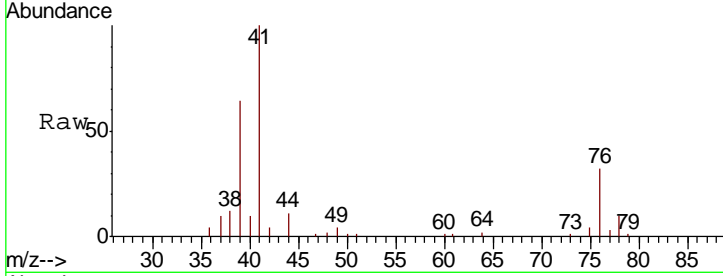
#11
 Allyl Chloride
 Concen: 1.964 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
41	100		
39	66.3	52.2	78.4

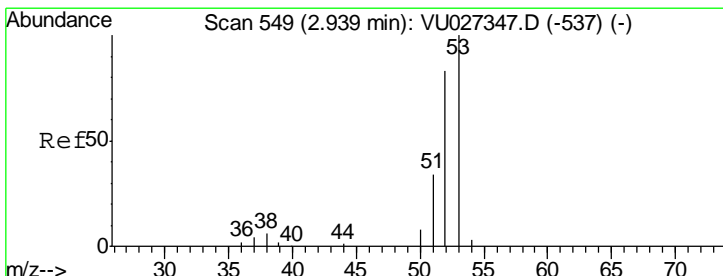
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



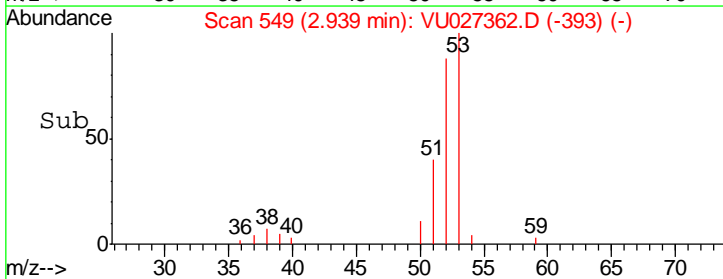
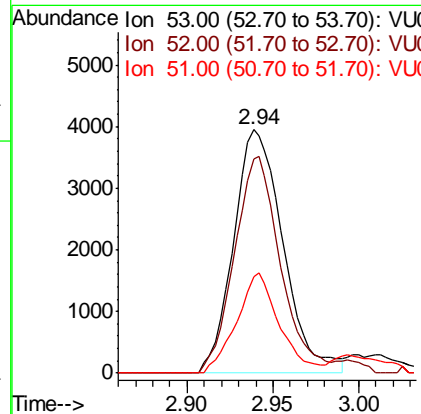
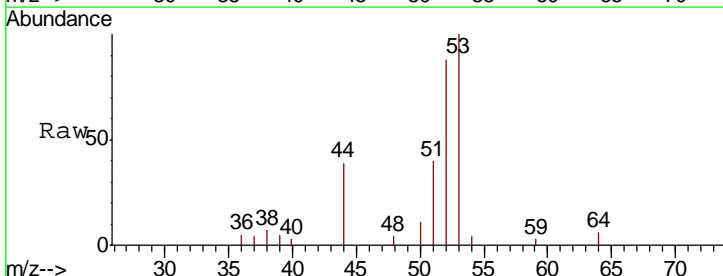
apatel

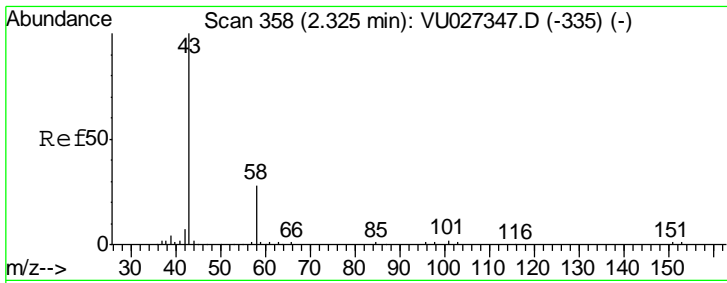
10/5/2018 11:57:10 AM



#12
 Acrylonitrile
 Concen: 4.222 ug/l
 RT: 2.94 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
53	100		
52	82.6	67.0	100.4
51	35.2	29.0	43.6





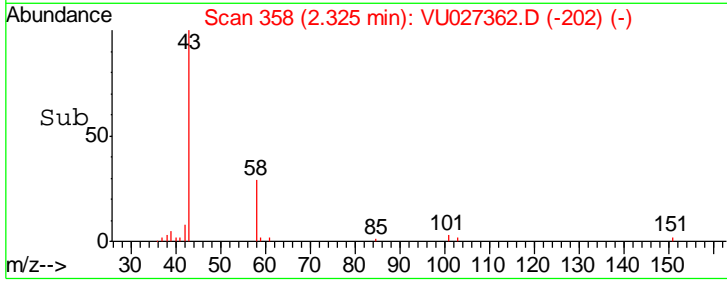
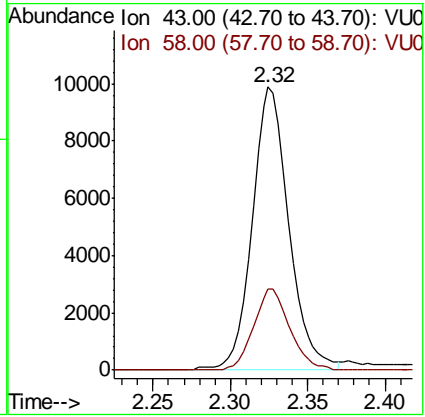
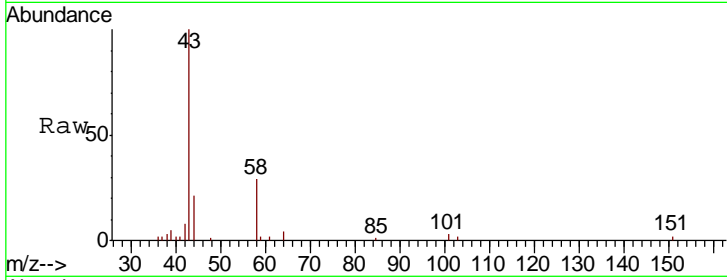
#13
 Acetone
 Concen: 9.228 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument :
 MSVOA_U
ClientSampled :
 VU1003WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.6	34.0

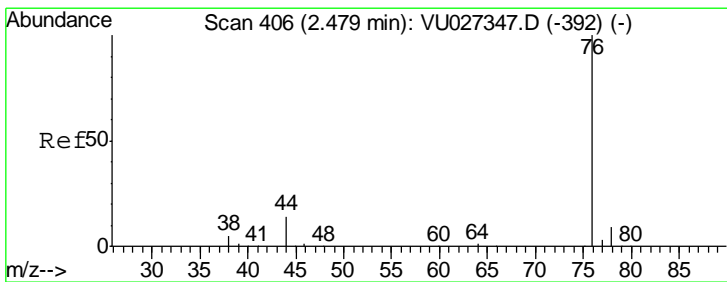
Manual Integrations
APPROVED

apatel
 10/5/2018 11:57:10 AM



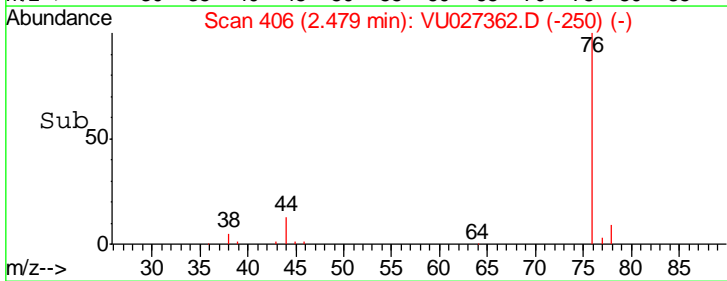
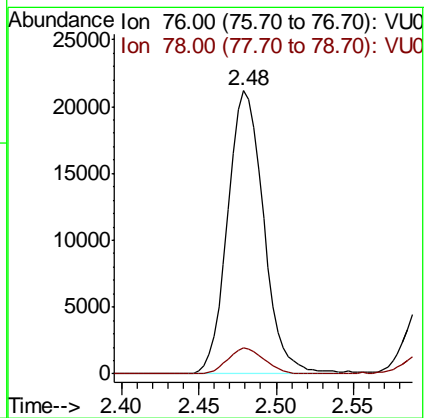
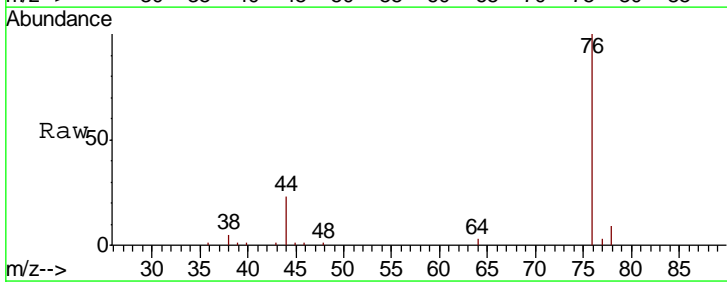
apatel

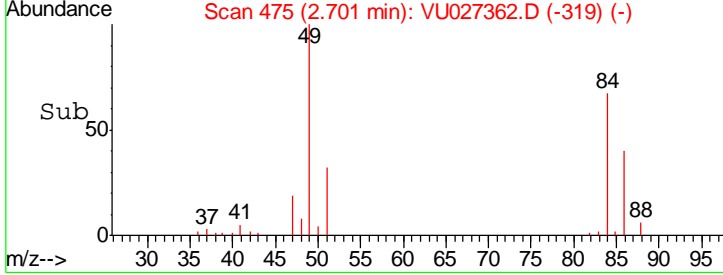
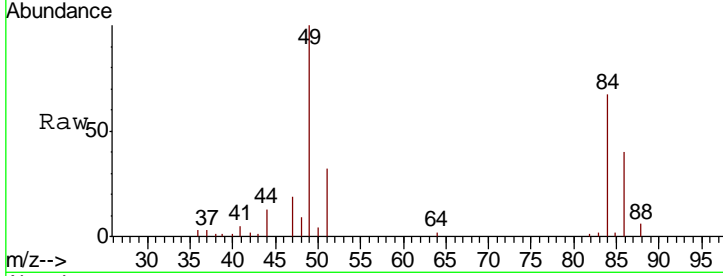
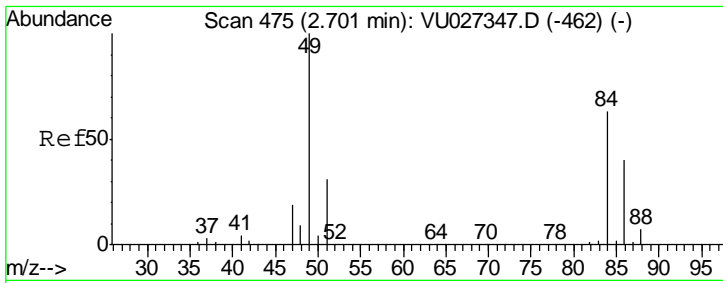
10/5/2018 11:57:10 AM



#14
 Carbon Disulfide
 Concen: 2.026 ug/l
 RT: 2.48 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

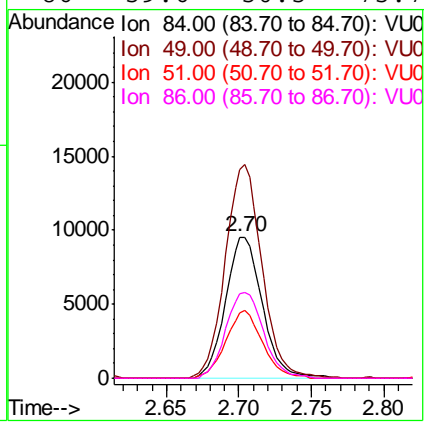
Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9





#15
 Methylene Chloride
 Concen: 2.148 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
84	16710		
84	100		
49	148.5	126.0	189.0
51	46.8	0.0	97.4
86	59.6	50.5	75.7

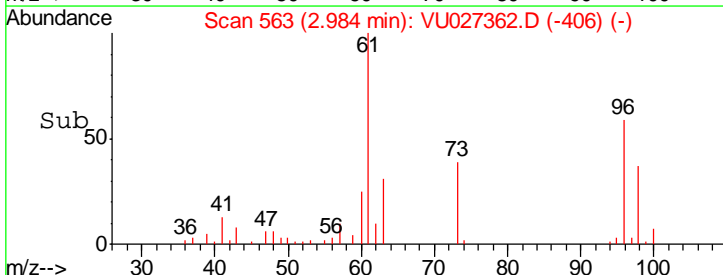
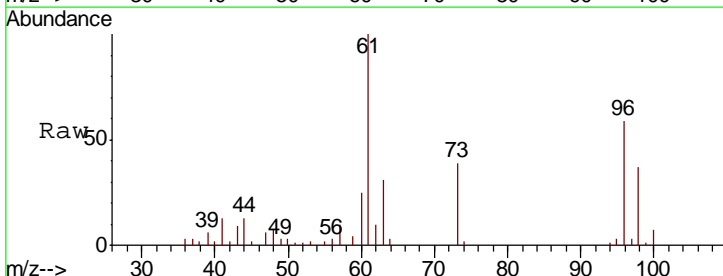
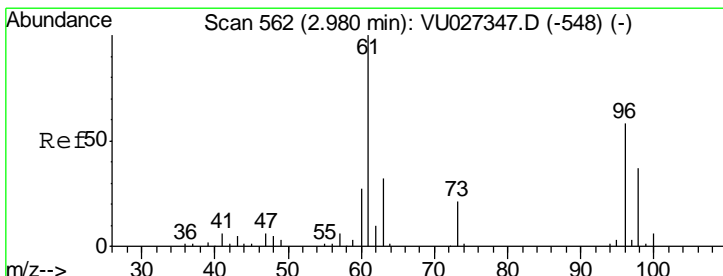


Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM

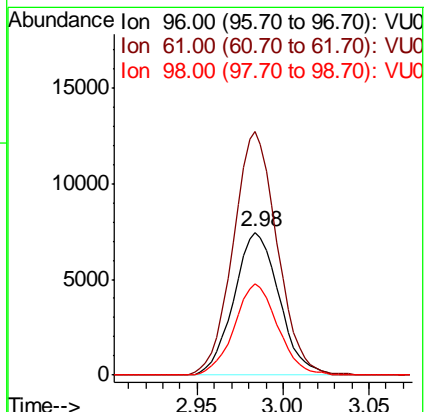
apatel

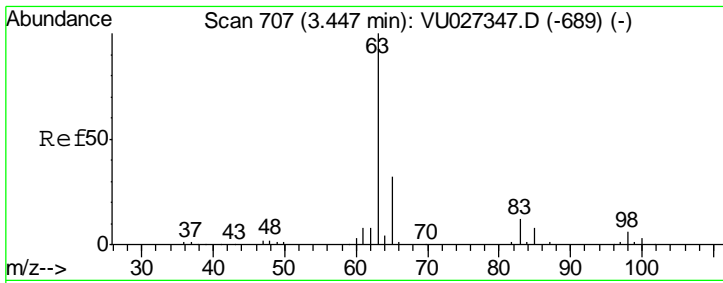
10/5/2018 11:57:10 AM



#16
 trans-1,2-Dichloroethene
 Concen: 2.154 ug/l
 RT: 2.98 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
96	13621		
96	100		
61	170.5	138.2	207.4
98	63.8	51.5	77.3





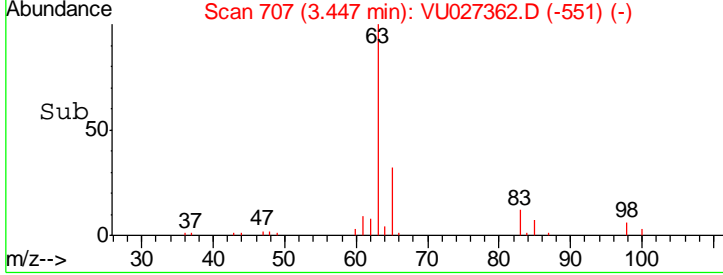
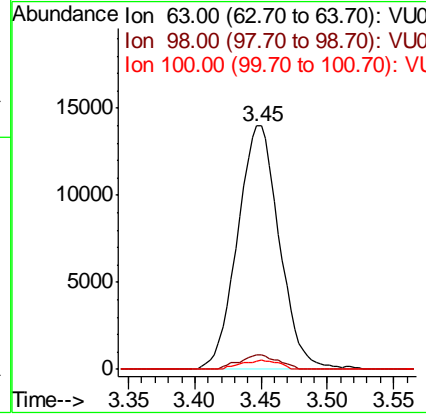
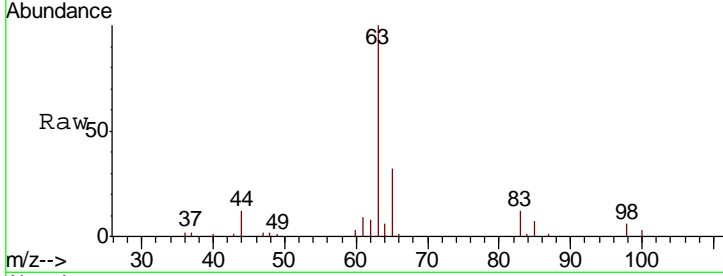
#17
 1,1-Dichloroethane
 Concen: 2.011 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
63	100		
98	5.8	2.9	8.6
100	3.4	1.8	5.3

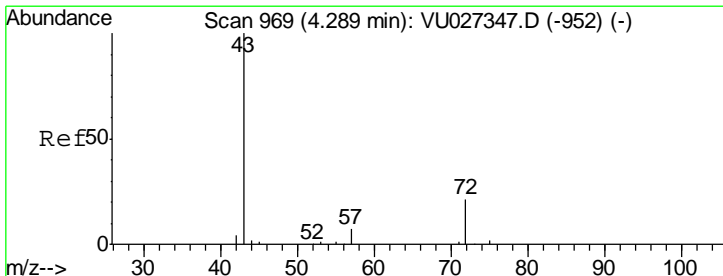
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



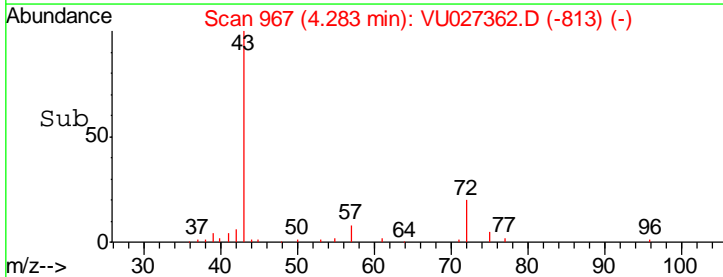
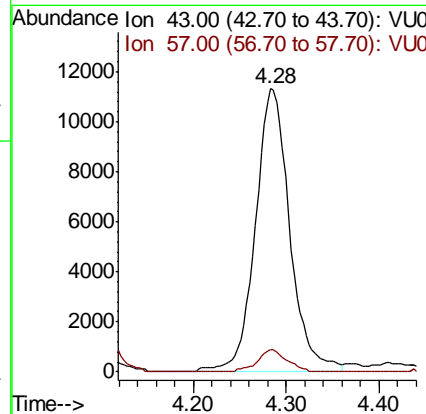
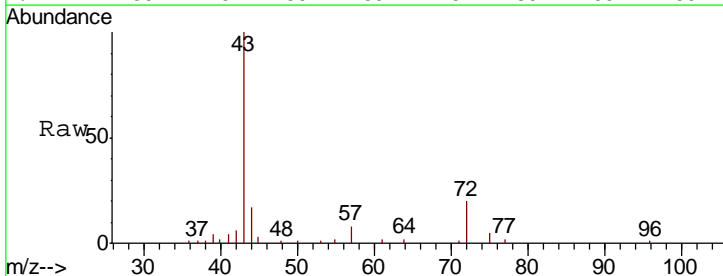
apatel

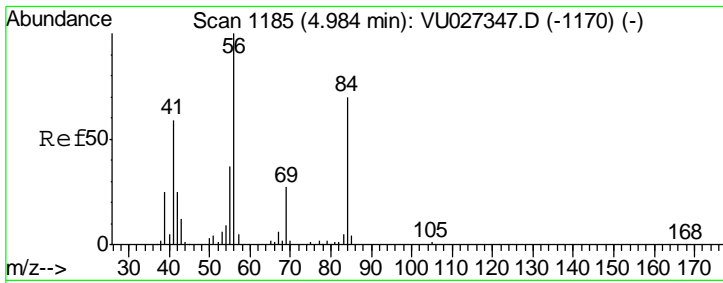
10/5/2018 11:57:10 AM



#18
 2-Butanone
 Concen: 10.179 ug/l
 RT: 4.28 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
43	100		
57	8.1	0.0	14.4



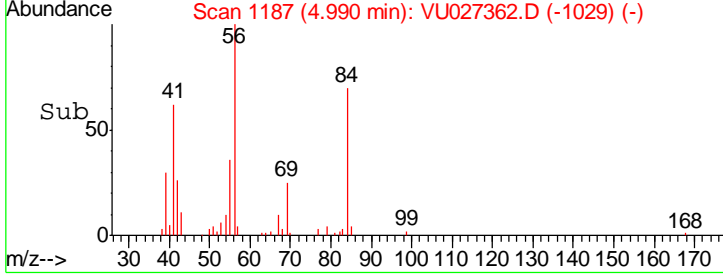
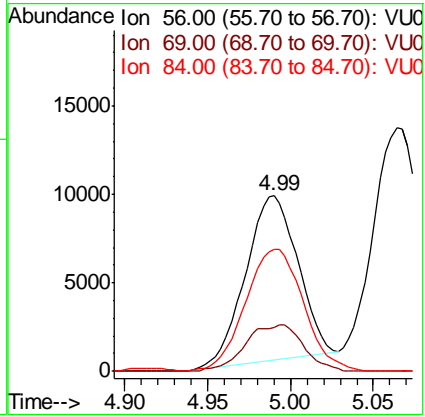
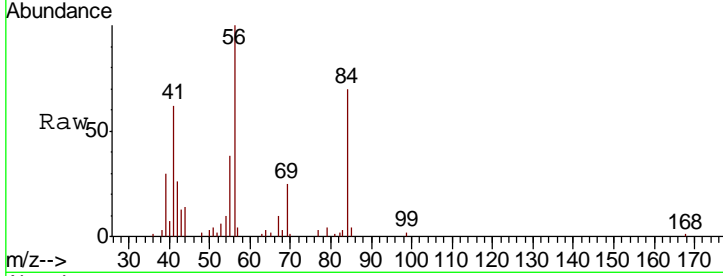


#19
 Cyclohexane
 Concen: 1.780 ug/l
 RT: 4.99 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

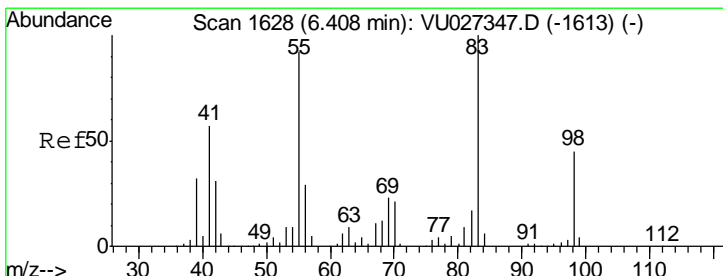
Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
56	100		
69	31.0	24.9	37.3
84	82.0	63.0	94.6

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM

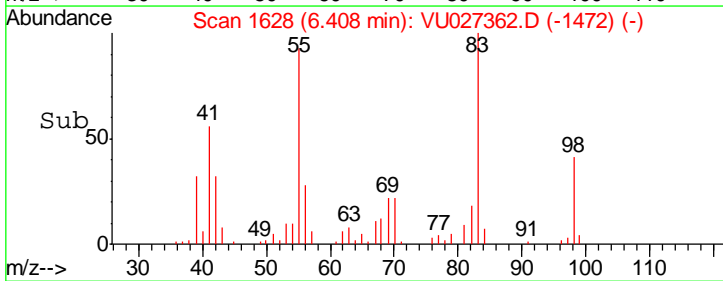
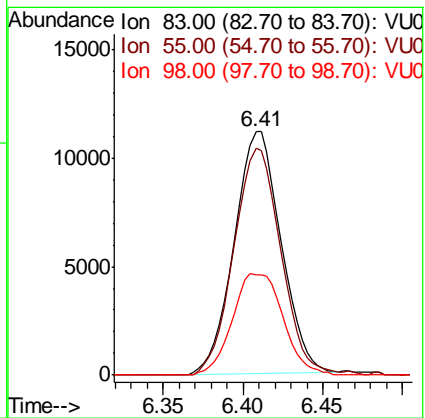
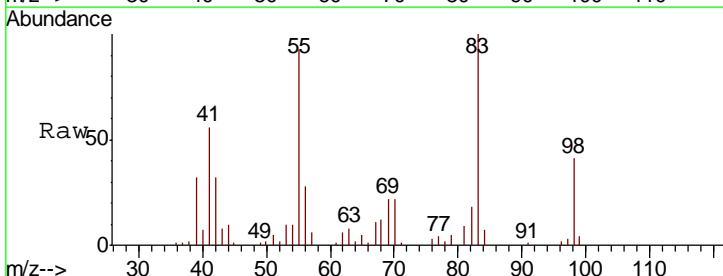


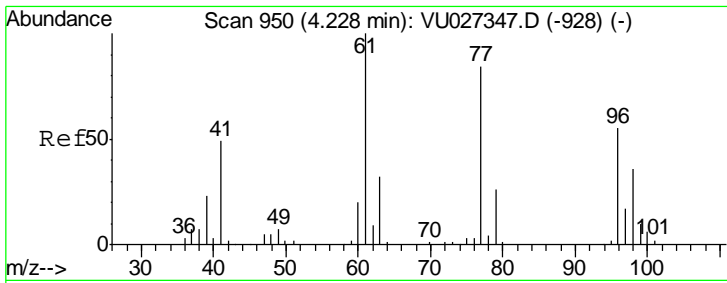
apatel
 10/5/2018 11:57:10 AM



#20
 Methylcyclohexane
 Concen: 2.150 ug/l
 RT: 6.41 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
83	100		
55	94.8	71.6	107.4
98	45.3	35.8	53.6





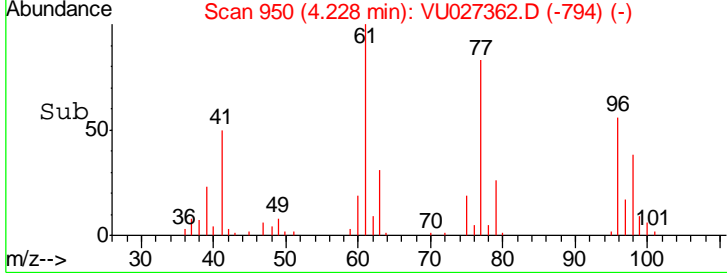
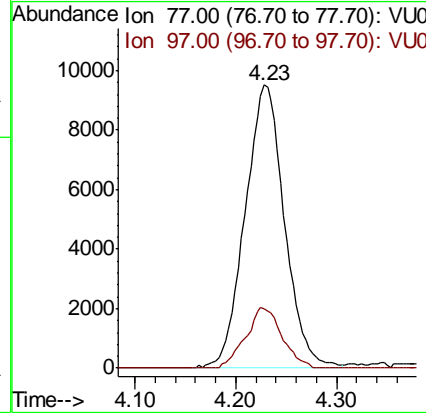
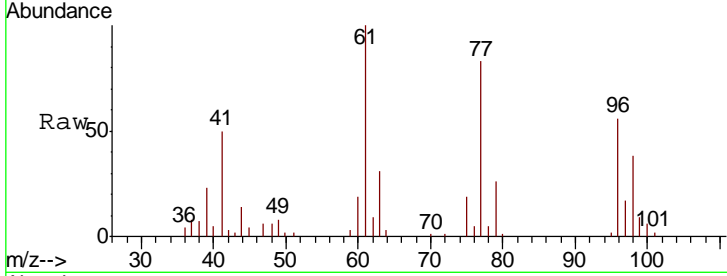
#21
 2,2-Dichloropropane
 Concen: 1.969 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion: 77 Resp: 25738

Ion	Ratio	Lower	Upper
77	100		
97	19.7	16.0	24.0

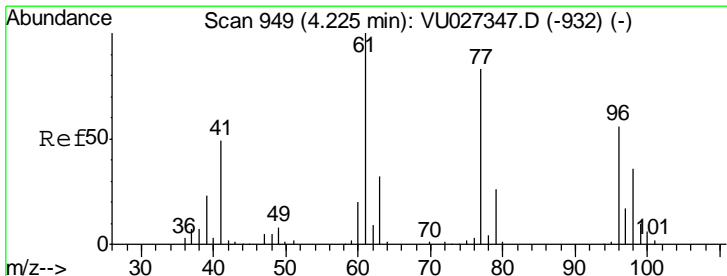
Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



apatel

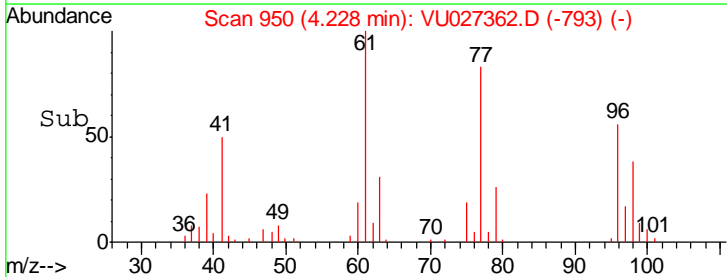
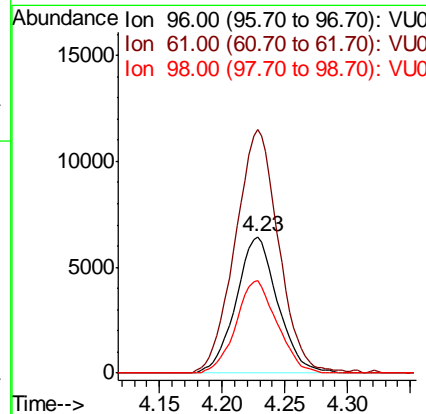
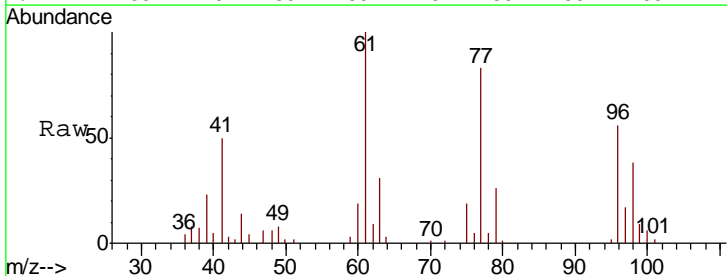
10/5/2018 11:57:10 AM

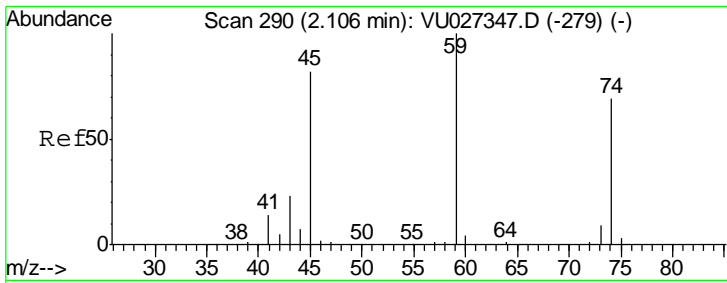


#22
 cis-1,2-Dichloroethene
 Concen: 1.950 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion: 96 Resp: 14856

Ion	Ratio	Lower	Upper
96	100		
61	186.3	0.0	461.8
98	66.7	32.5	97.4





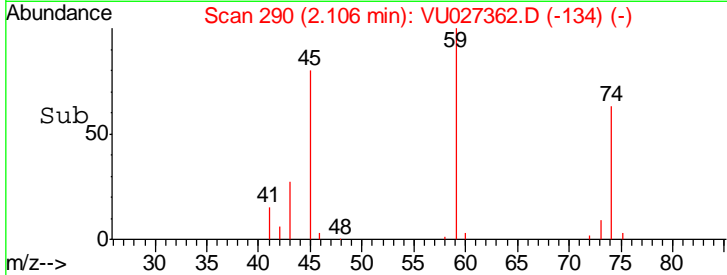
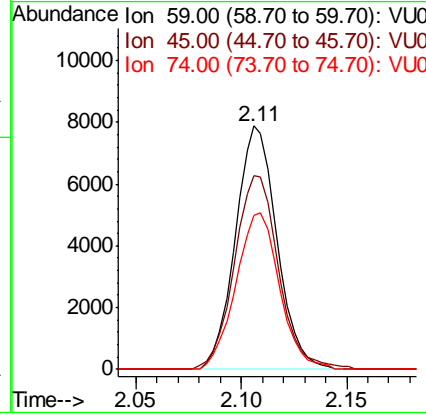
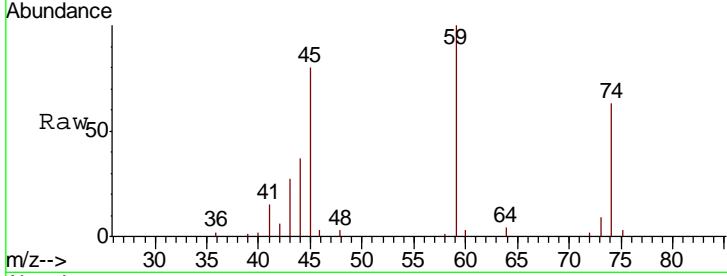
#23
 Diethyl Ether
 Concen: 1.848 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument :
 MSVOA_U
ClientSampled :
 VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
59	10719		
45	85.0	65.2	97.8
74	67.6	54.2	81.4

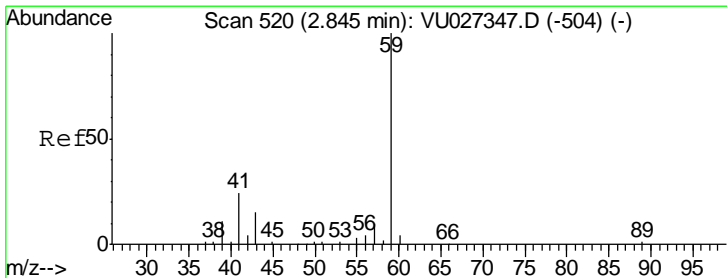
Manual Integrations
APPROVED

apatel
 10/5/2018 11:57:10 AM



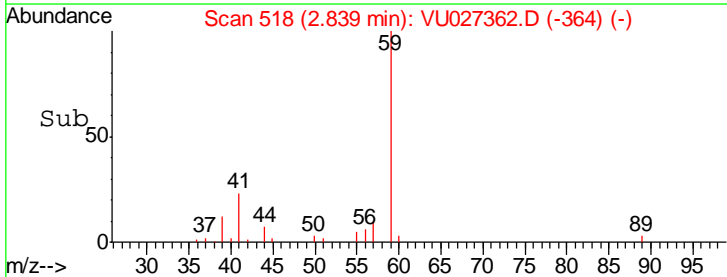
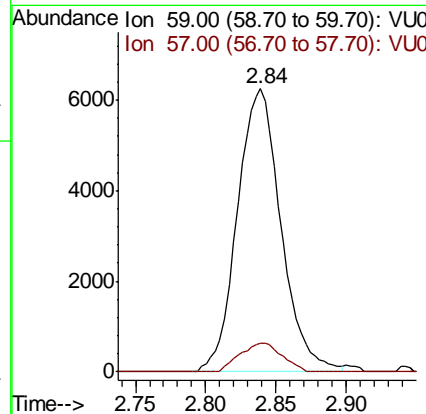
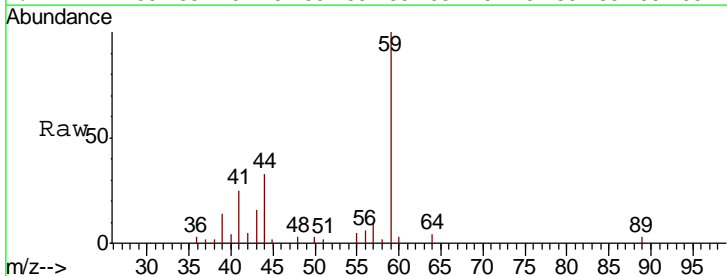
apatel

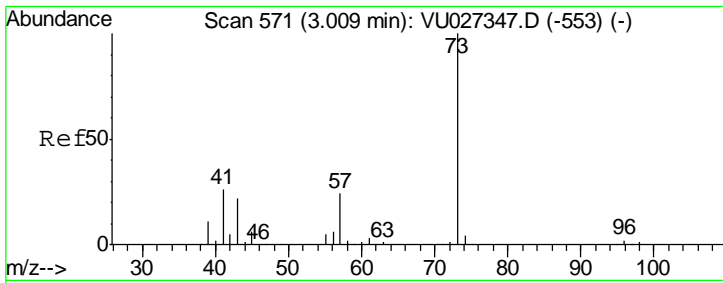
10/5/2018 11:57:10 AM



#24
 tert-Butyl Alcohol
 Concen: 20.637 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
59	13535		
57	9.9	8.2	12.2



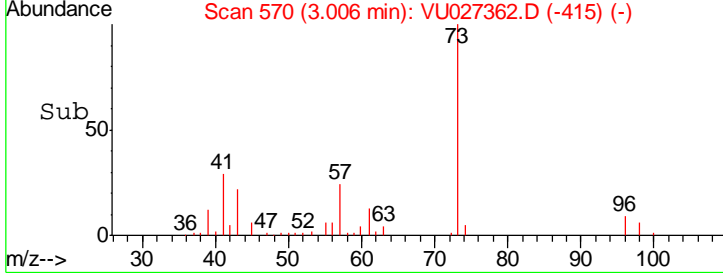
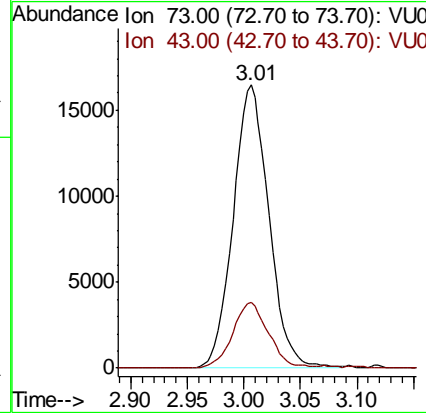
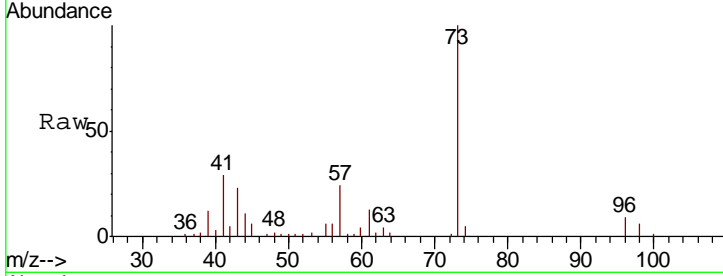


#25
Methyl tert-Butyl Ether
Concen: 1.993 ug/l
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027362.D
Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
73	36152		
73	100		
43	23.2	17.6	26.4

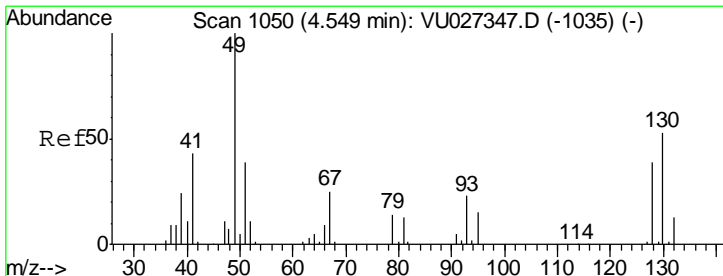
Instrument : MSVOA_U
ClientSampled : VU1003WBSD02

Manual Integrations APPROVED
apatel
10/5/2018 11:57:10 AM



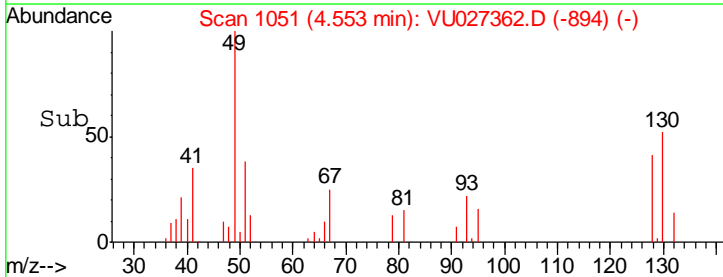
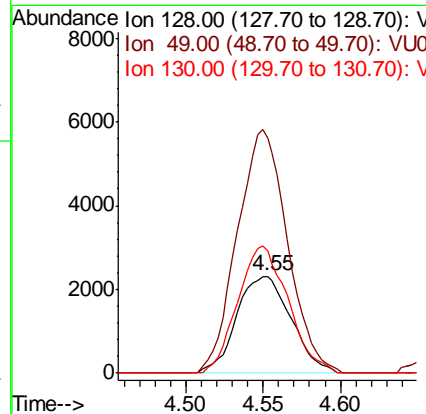
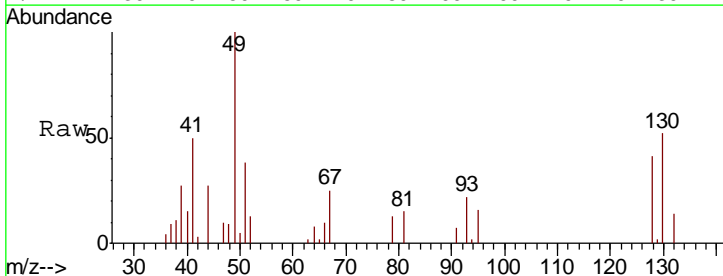
apatel

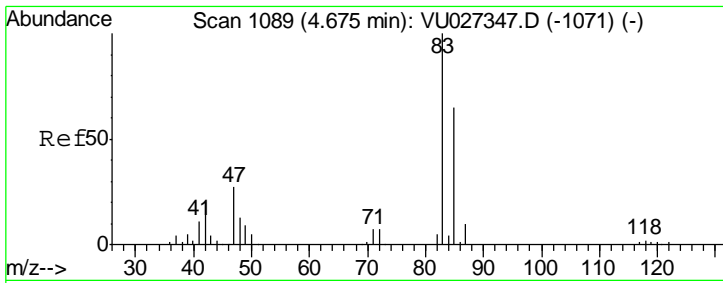
10/5/2018 11:57:10 AM



#26
Bromochloromethane
Concen: 2.016 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027362.D
Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
128	5645		
128	100		
49	232.3	0.0	498.8
130	121.7	103.8	155.8





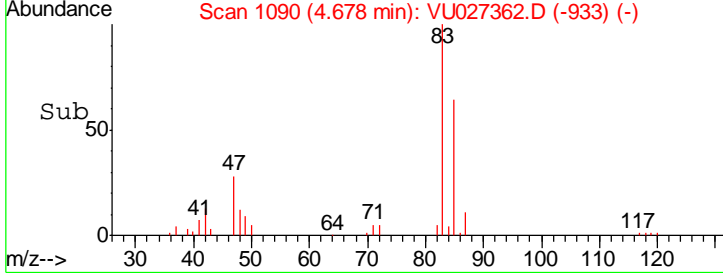
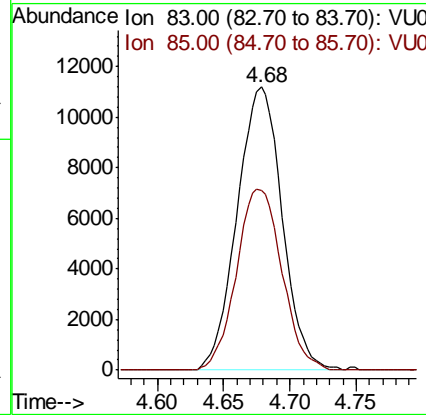
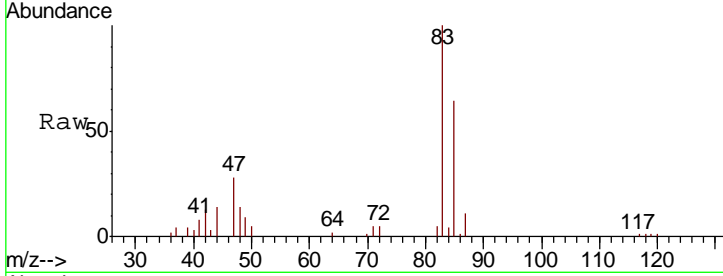
#27
 Chloroform
 Concen: 1.899 ug/l
 RT: 4.68 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
83	100		
85	63.6	0.0	129.4

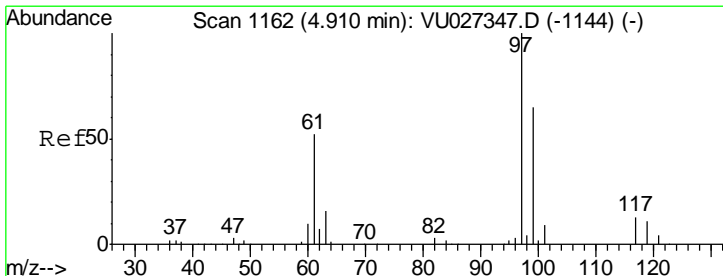
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



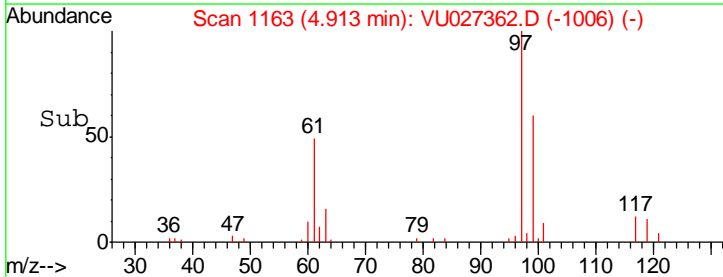
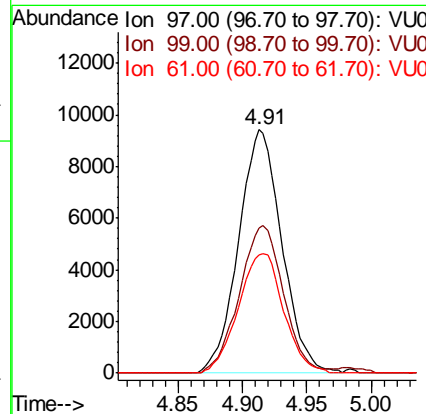
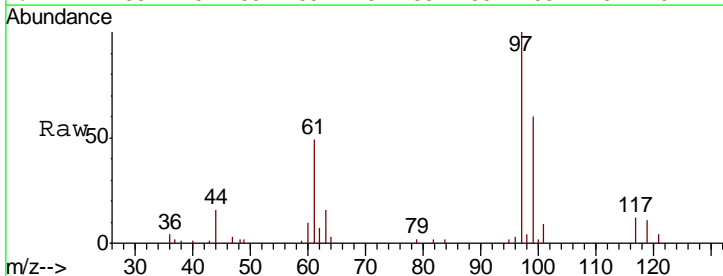
apatel

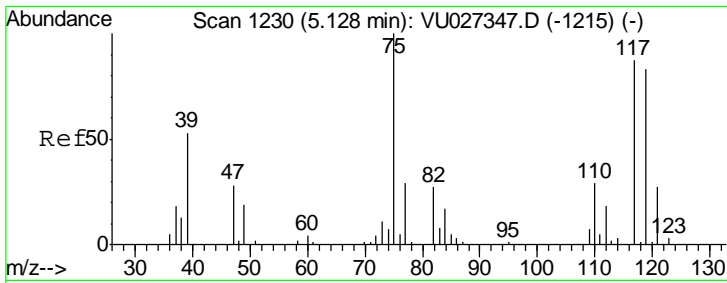
10/5/2018 11:57:10 AM



#28
 1,1,1-Trichloroethane
 Concen: 1.948 ug/l
 RT: 4.91 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
97	100		
99	61.8	31.9	95.9
61	51.2	25.7	77.1





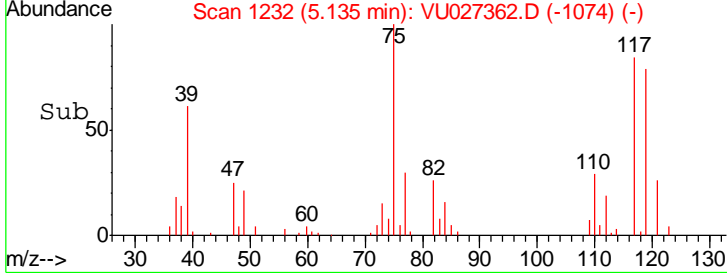
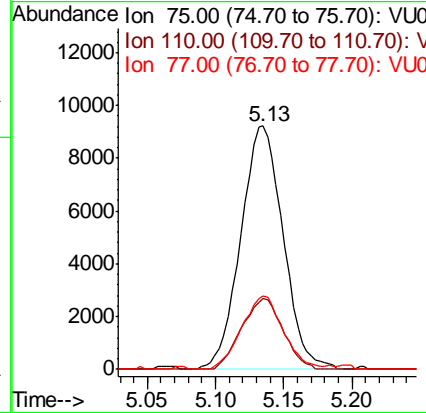
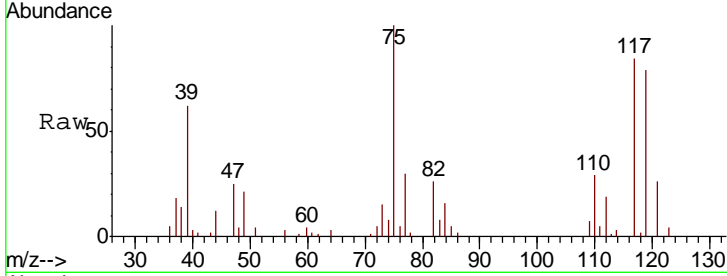
#29
 1,1-Dichloropropene
 Concen: 1.952 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
75	19863		
75	100		
110	28.4	15.0	45.0
77	29.7	24.2	36.2

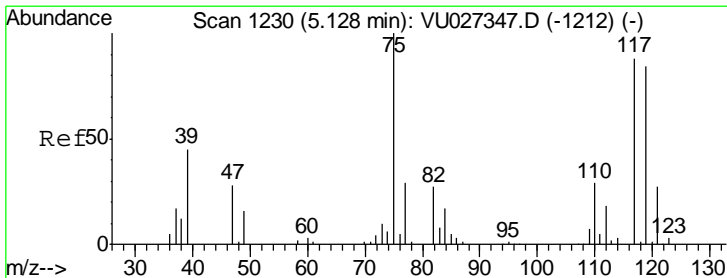
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



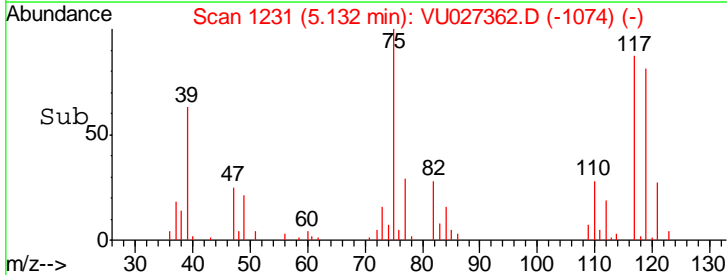
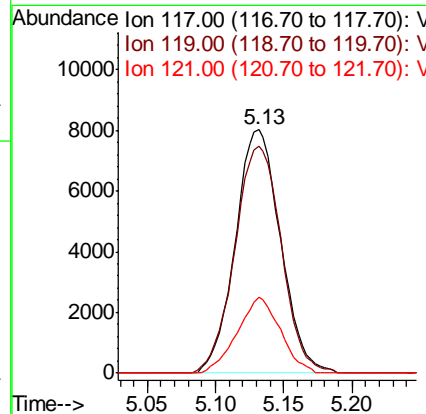
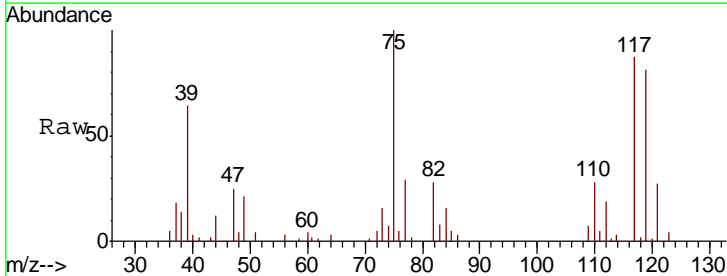
apatel

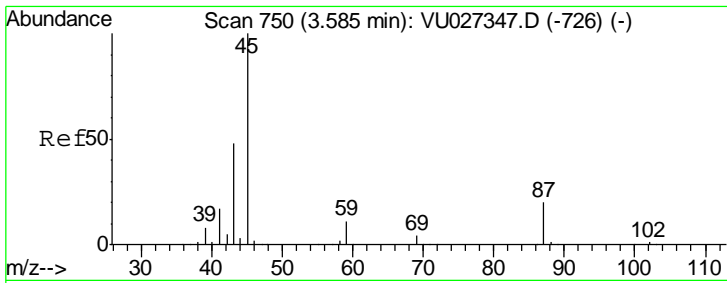
10/5/2018 11:57:10 AM



#30
 Carbon Tetrachloride
 Concen: 1.975 ug/l
 RT: 5.13 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
117	18457		
117	100		
119	93.1	75.9	113.9
121	31.0	24.6	37.0





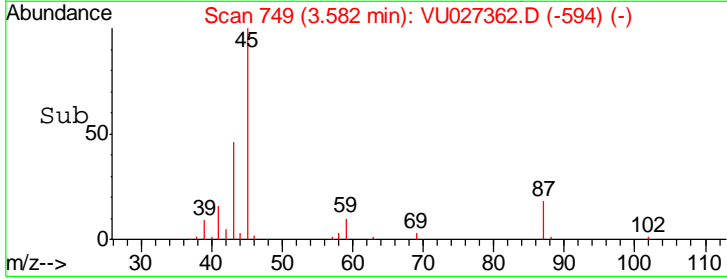
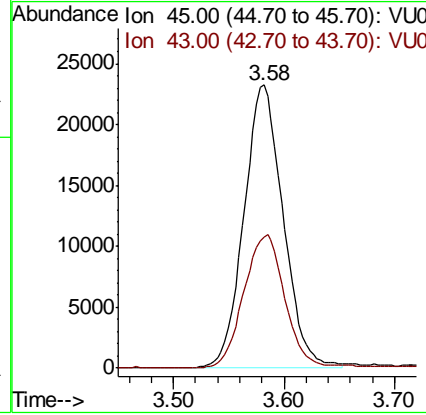
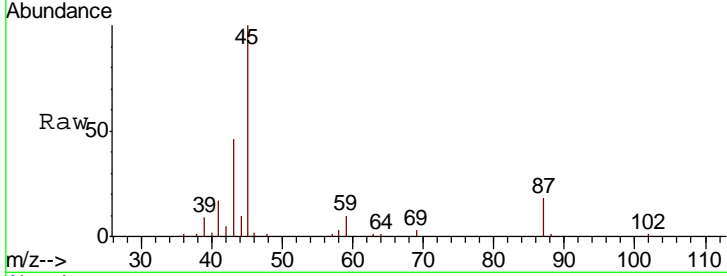
#31
 Isopropyl Ether
 Concen: 1.976 ug/l
 RT: 3.58 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument :
 MSVOA_U
ClientSampled :
 VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
45	100		
43	49.1	24.1	72.3

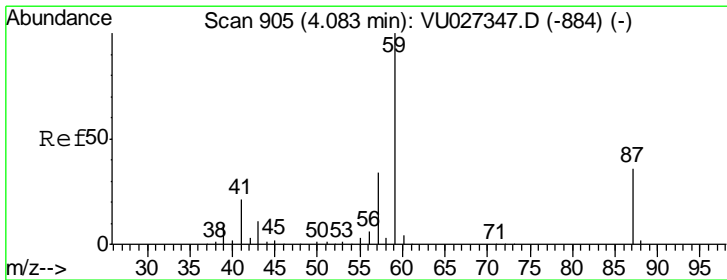
Manual Integrations
APPROVED

apatel
 10/5/2018 11:57:10 AM



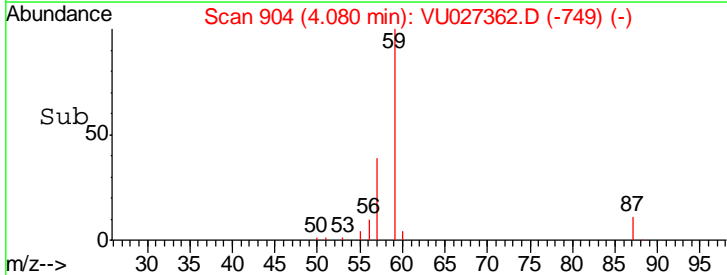
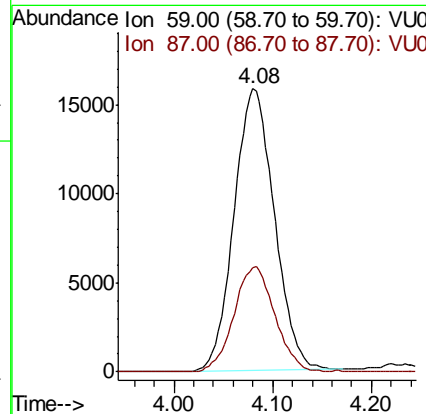
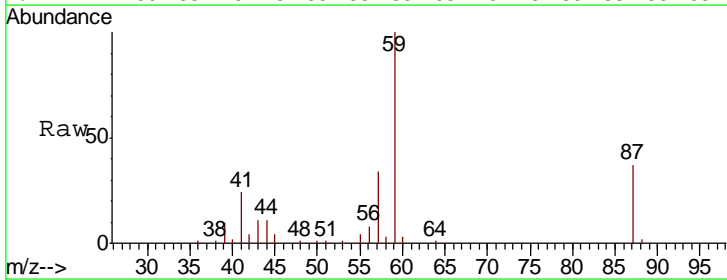
apatel

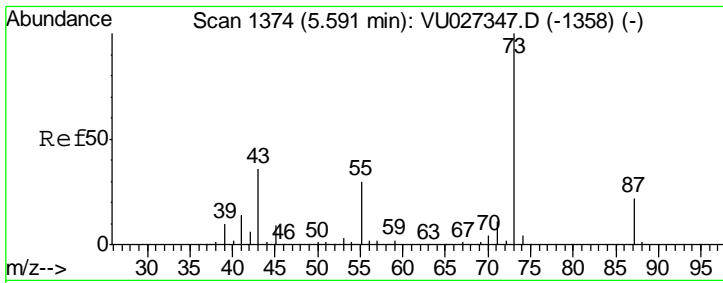
10/5/2018 11:57:10 AM



#32
 Ethyl-t-butyl ether
 Concen: 1.988 ug/l
 RT: 4.08 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
59	100		
87	37.6	28.6	42.8





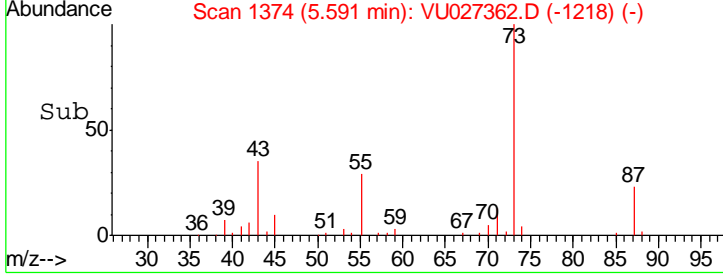
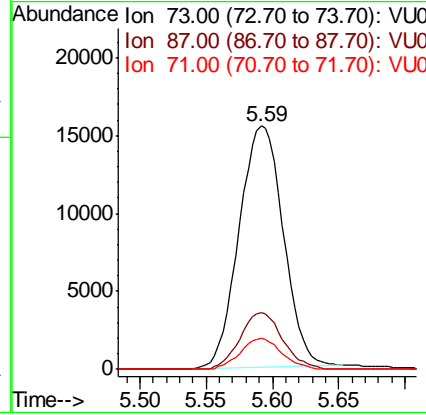
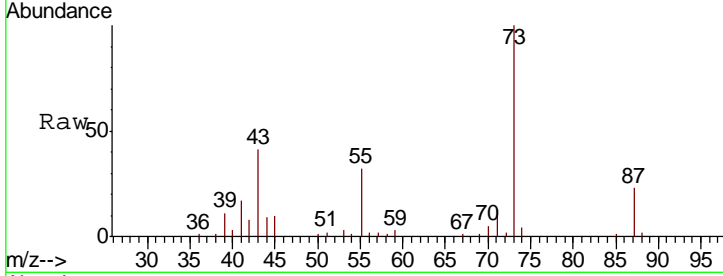
#33
 Tert-Amvl methyl ether
 Concen: 1.992 ug/l
 RT: 5.59 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
73	36163		
87	22.5	18.1	27.1
71	12.0	9.2	13.8

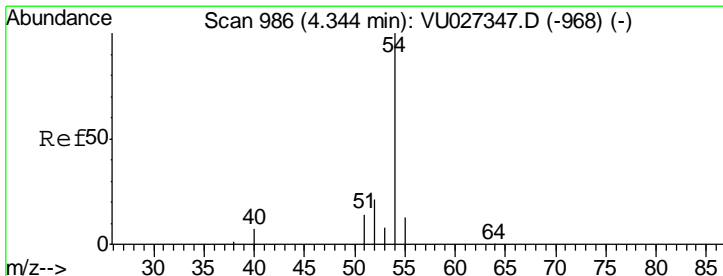
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



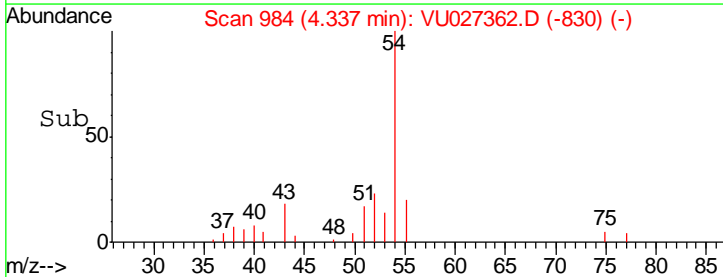
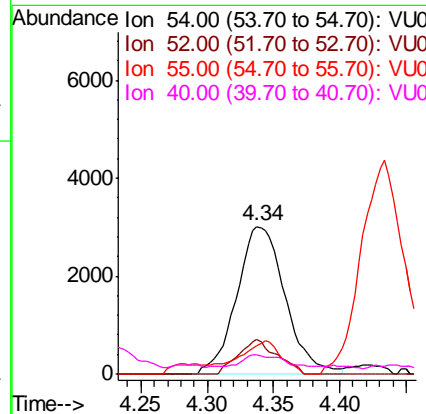
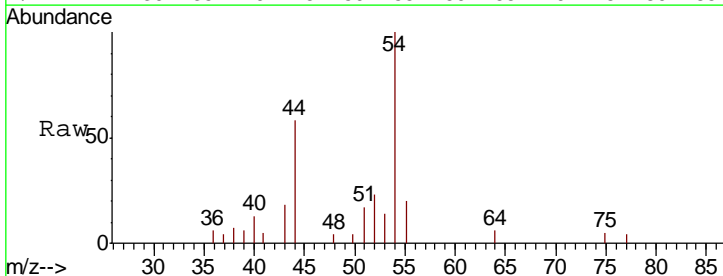
apatel

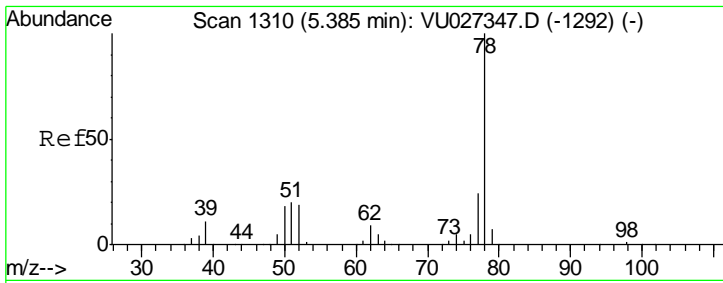
10/5/2018 11:57:10 AM



#34
 Propionitrile
 Concen: 10.328 ug/l
 RT: 4.34 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
54	7655		
52	18.5	16.9	25.3
55	18.0	13.9	20.9
40	3.5	5.4	8.0#





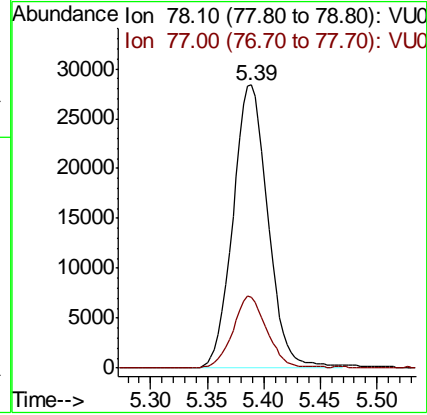
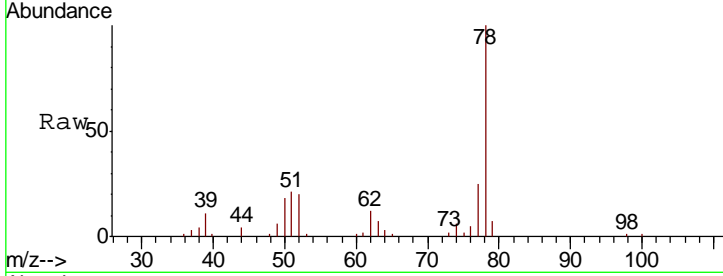
#35
Benzene
Concen: 2.054 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU027362.D
Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
78	61119		
77	25.1	19.5	29.3

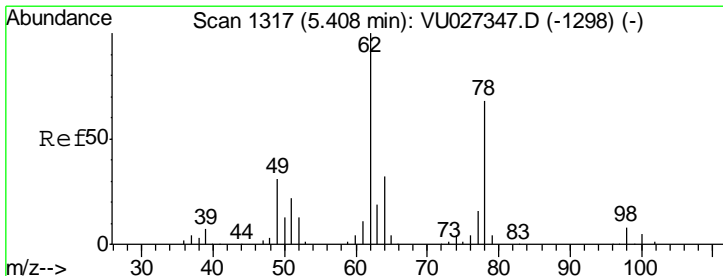
Manual Integrations
APPROVED

apatel
10/5/2018 11:57:10 AM



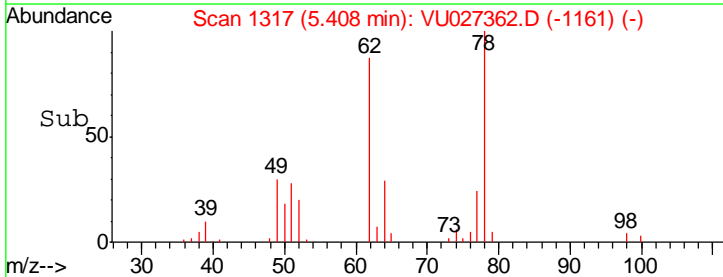
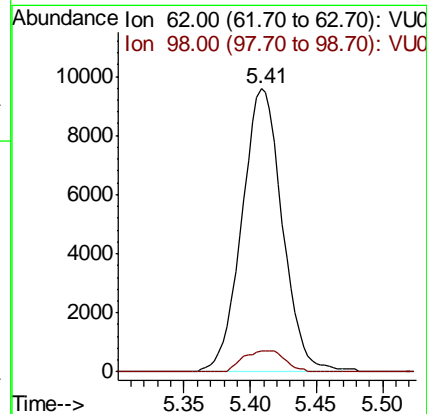
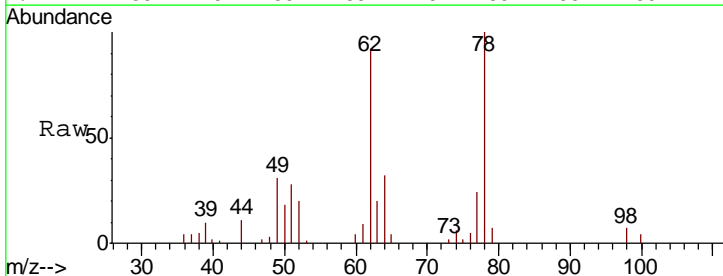
apatel

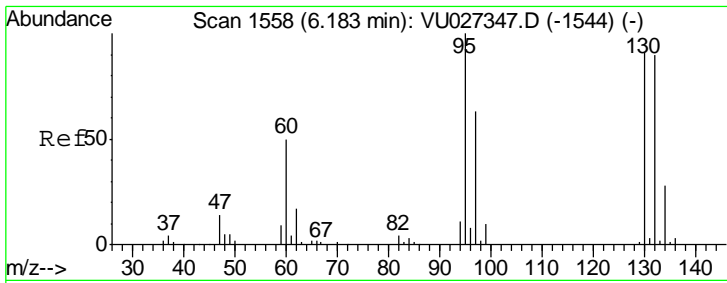
10/5/2018 11:57:10 AM



#36
1,2-Dichloroethane
Concen: 2.081 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027362.D
Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
62	20305		
98	7.7	6.2	9.2





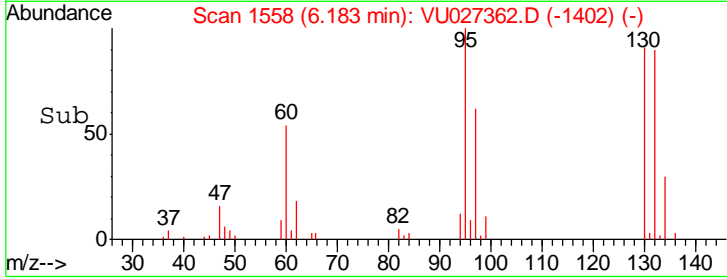
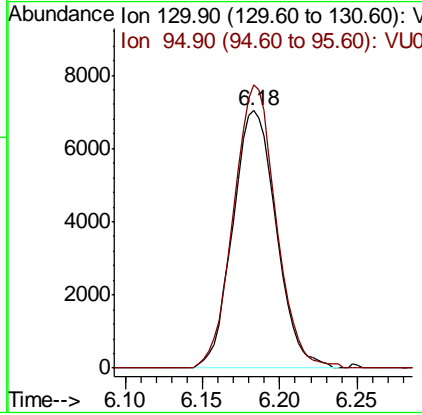
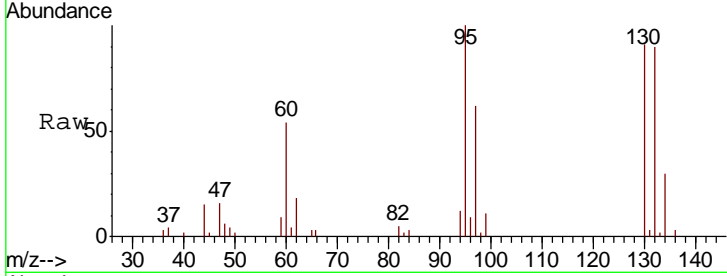
#37
 Trichloroethene
 Concen: 2.082 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
130	100		
95	110.0	87.6	131.4

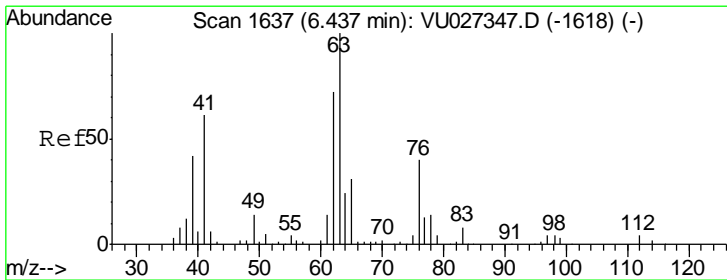
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



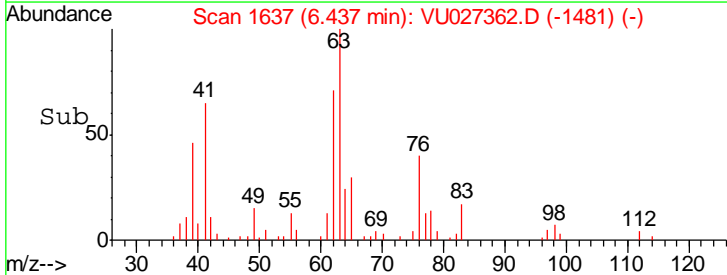
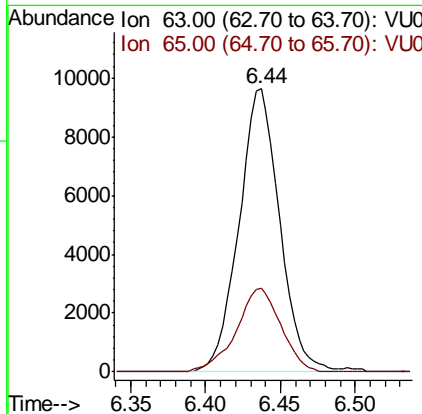
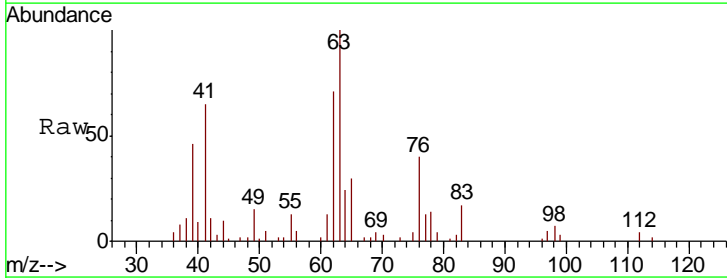
apatel

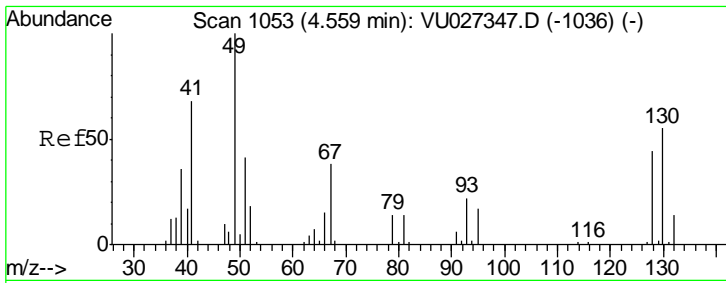
10/5/2018 11:57:10 AM



#38
 1,2-Dichloropropane
 Concen: 2.027 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
63	100		
65	29.6	24.9	37.3





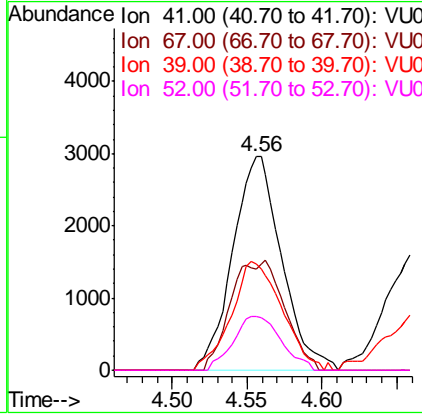
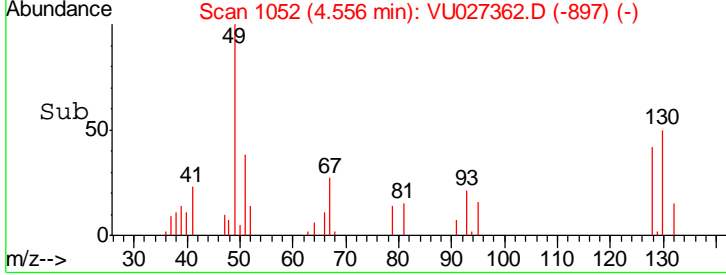
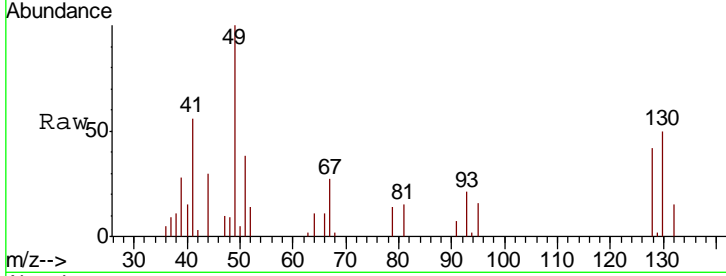
#39
 Methacrylonitrile
 Concen: 1.733 ug/l
 RT: 4.56 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument :
 MSVOA_U
ClientSampled :
 VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
41	100		
67	28.9	46.2	69.2#
39	53.0	43.8	65.6
52	24.6	21.5	32.3

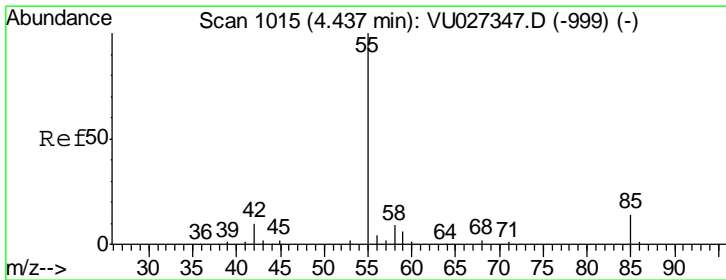
Manual Integrations
APPROVED

apatel
 10/5/2018 11:57:10 AM



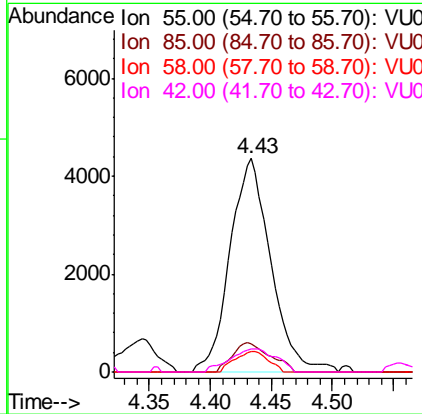
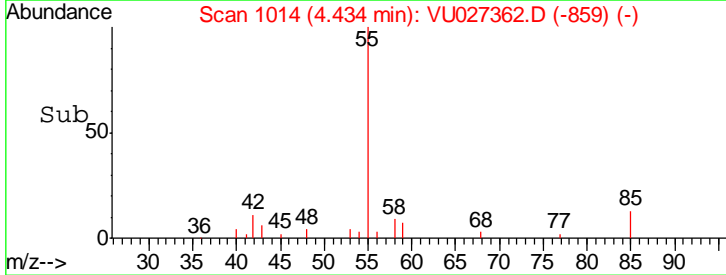
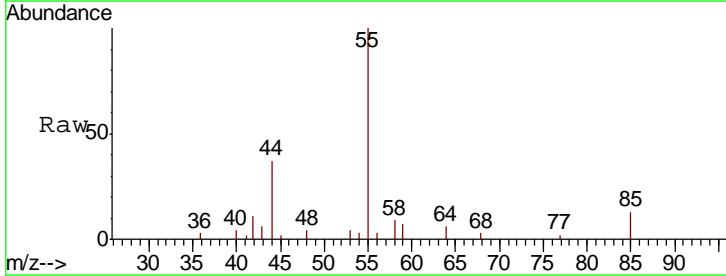
apatel

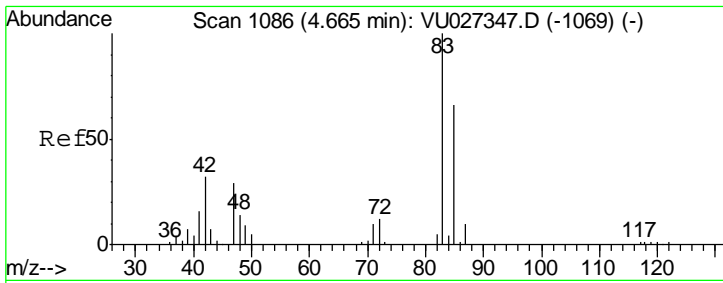
10/5/2018 11:57:10 AM



#40
 Methyl acrylate
 Concen: 2.051 ug/l
 RT: 4.43 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
55	100		
85	12.6	11.8	17.8
58	7.7	7.3	10.9
42	12.2	8.6	13.0





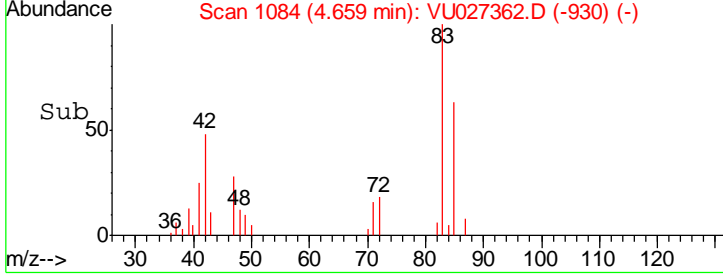
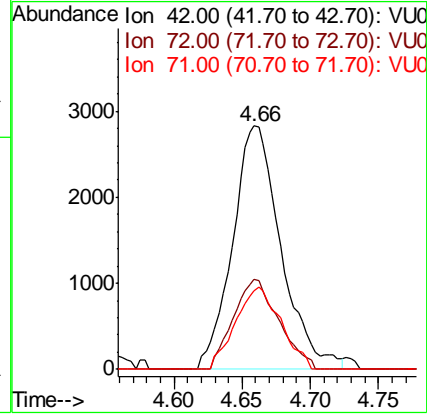
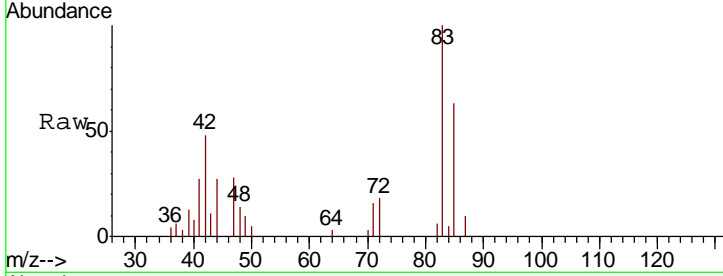
#41
 Tetrahydrofuran
 Concen: 3.395 ug/l
 RT: 4.66 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
42	100		
72	34.5	29.2	43.8
71	31.5	25.8	38.8

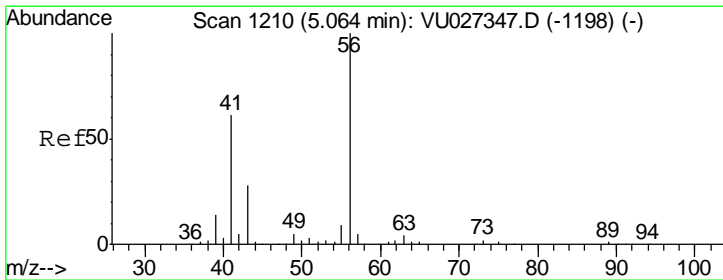
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



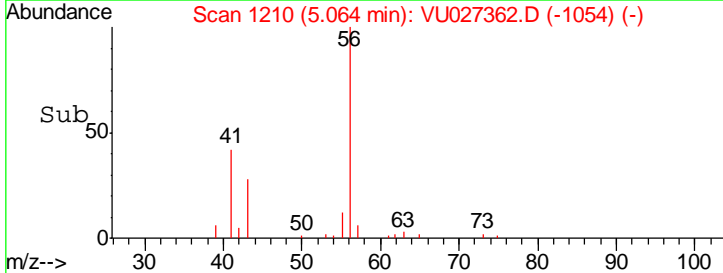
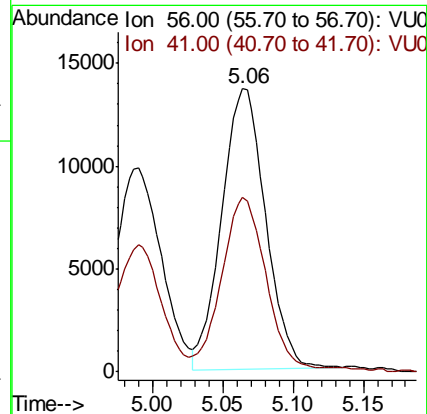
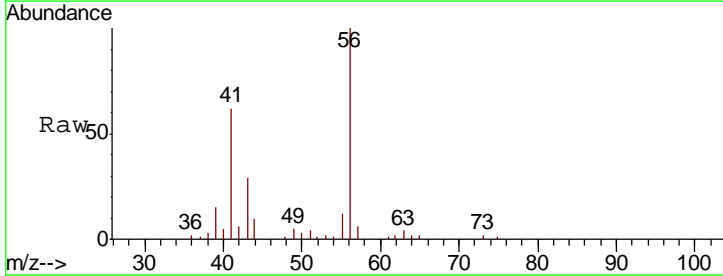
apatel

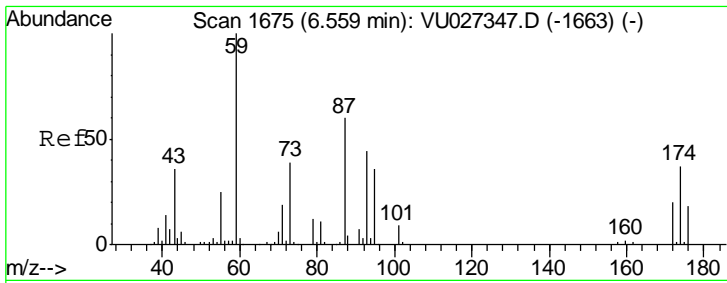
10/5/2018 11:57:10 AM



#42
 1-Chlorobutane
 Concen: 1.796 ug/l
 RT: 5.06 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
56	100		
41	63.2	28.7	86.3





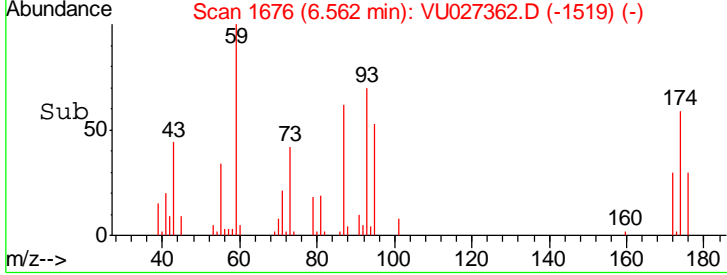
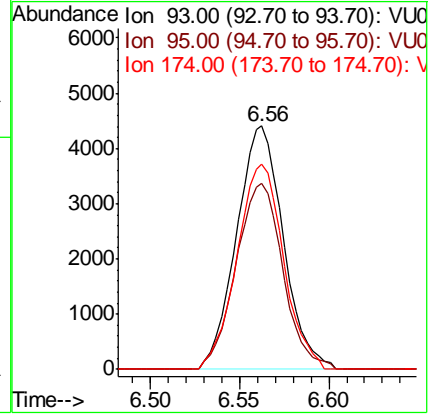
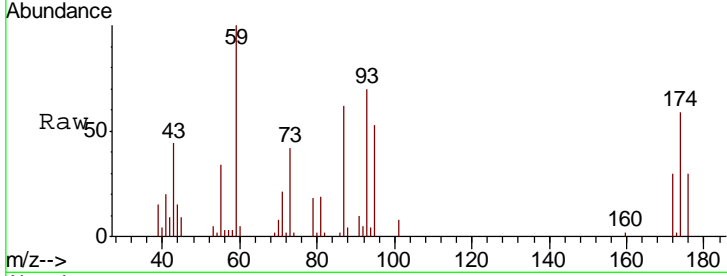
#43
 Dibromomethane
 Concen: 2.148 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
93	100		
95	76.7	64.7	97.1
174	83.7	68.2	102.4

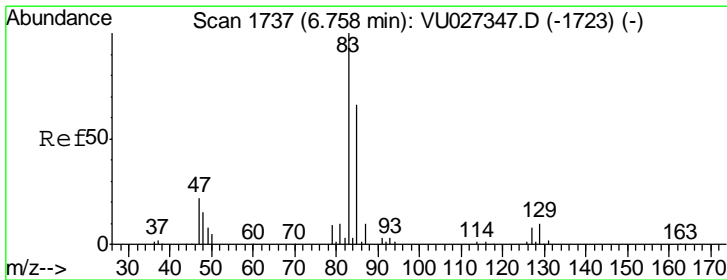
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



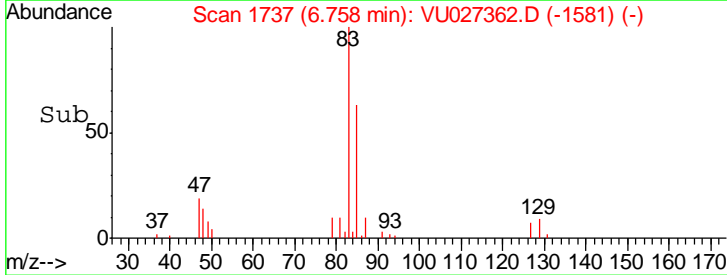
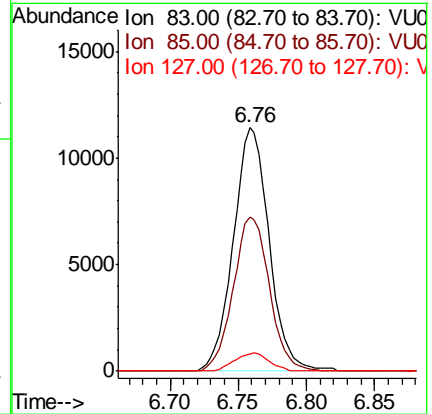
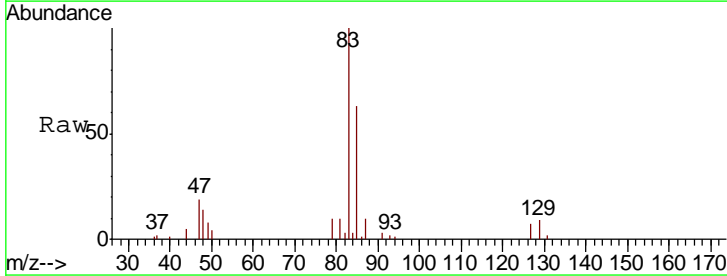
apatel

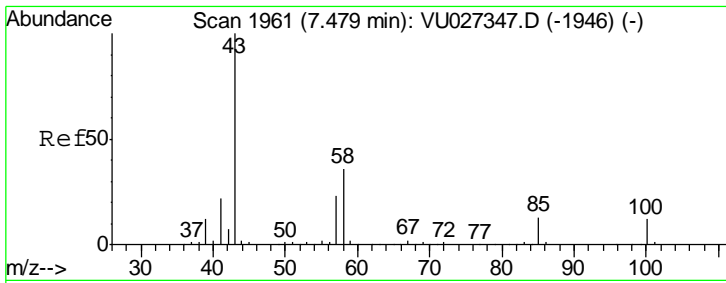
10/5/2018 11:57:10 AM



#44
 Bromodichloromethane
 Concen: 2.050 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
83	100		
85	63.5	52.6	79.0
127	7.2	6.2	9.2





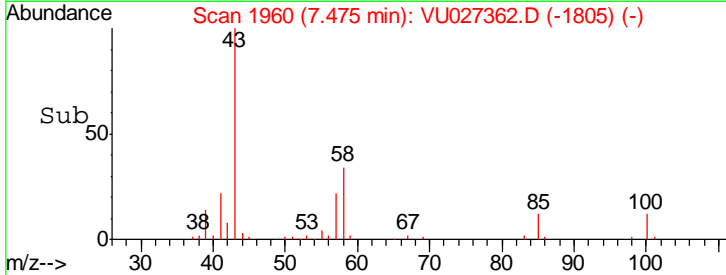
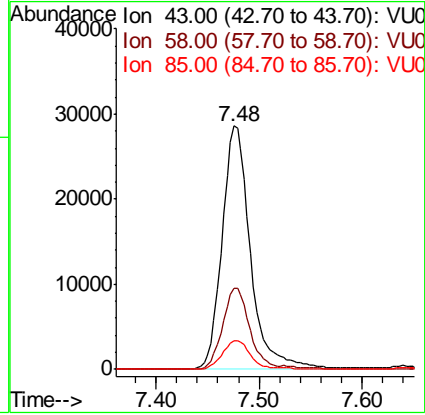
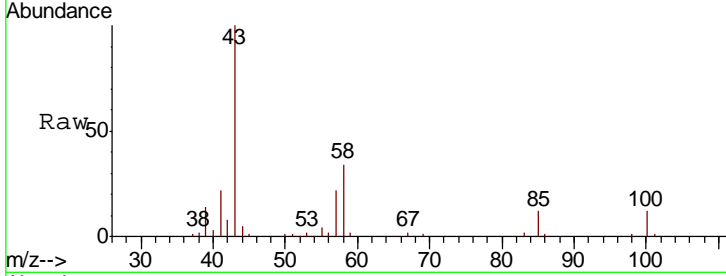
#45
 4-Methyl-2-Pentanone
 Concen: 9.534 ug/l
 RT: 7.48 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
43	100		
58	32.7	17.9	53.8
85	11.7	10.6	16.0

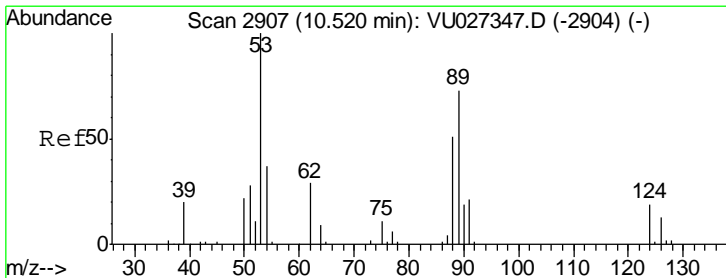
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



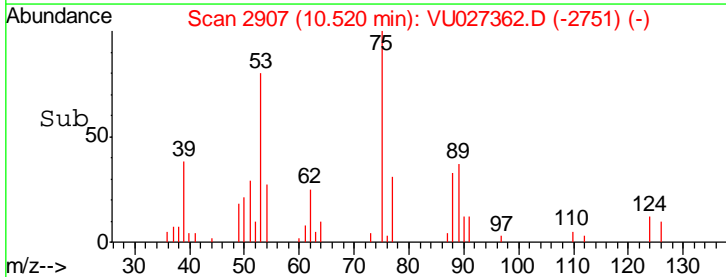
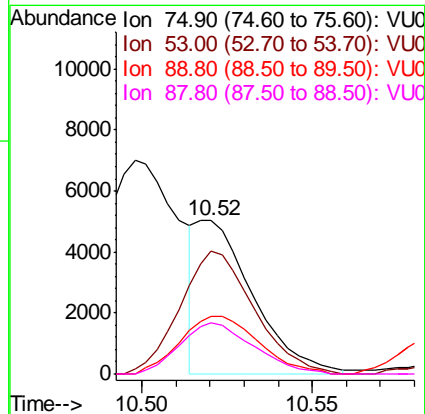
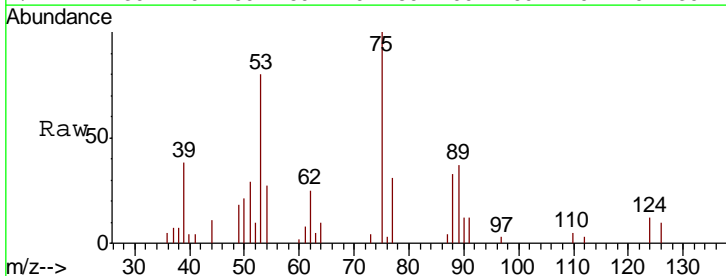
apatel

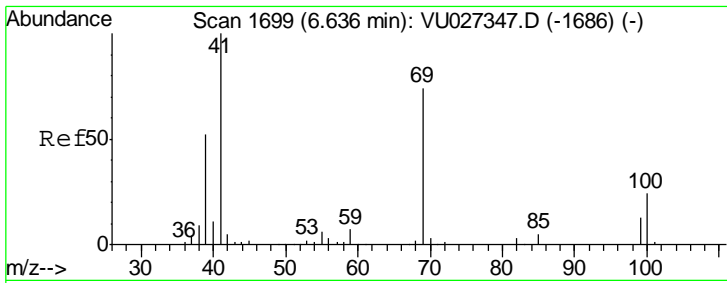
10/5/2018 11:57:10 AM



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.455 ug/l m
 RT: 10.52 min Scan# 2907
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
75	100		
53	105.2	75.7	113.5
89	52.8	42.6	64.0
88	44.2	33.9	50.9





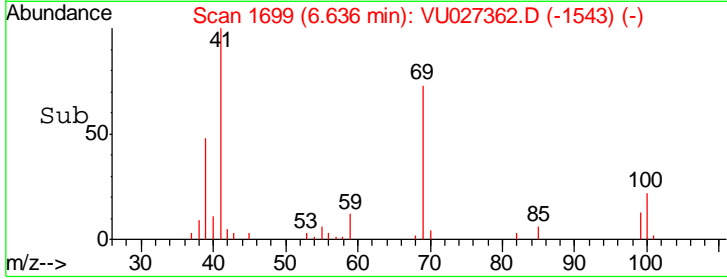
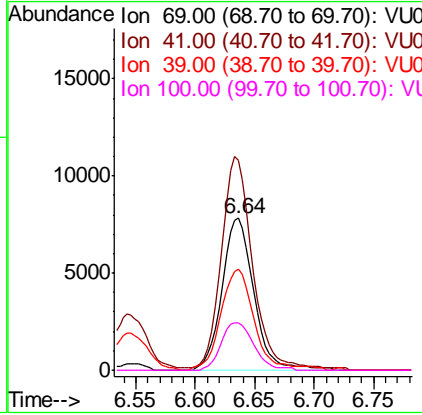
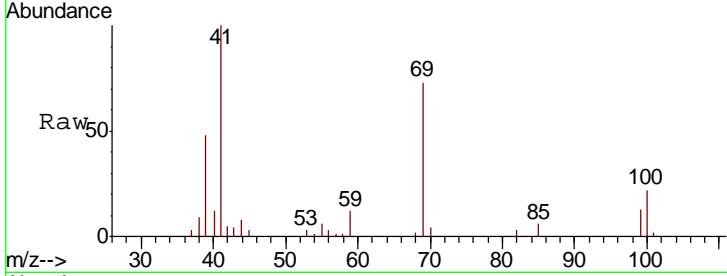
#47
 Methyl methacrylate
 Concen: 3.862 ug/l
 RT: 6.64 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
69	14554		
41	139.6	0.0	272.2
39	68.2	56.4	84.6
100	31.9	26.5	39.7

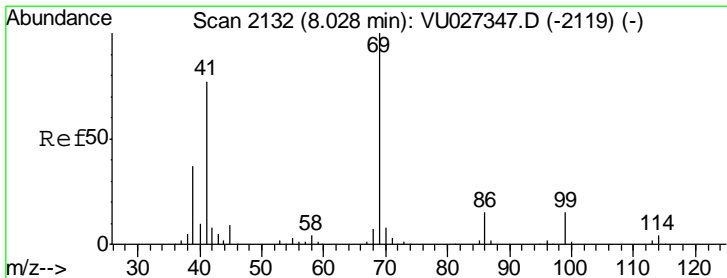
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



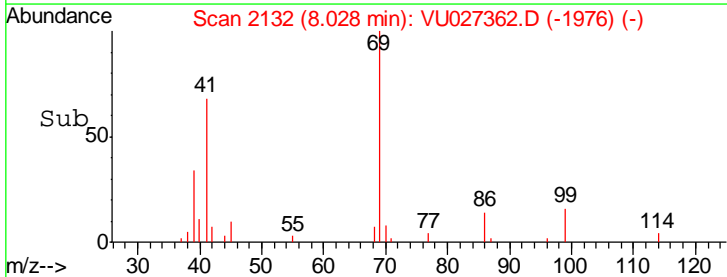
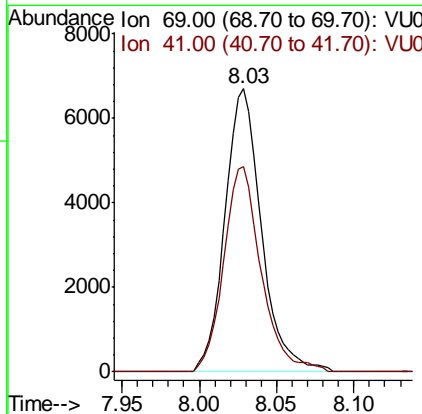
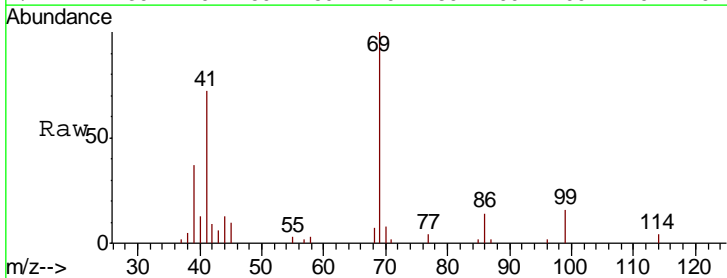
apatel

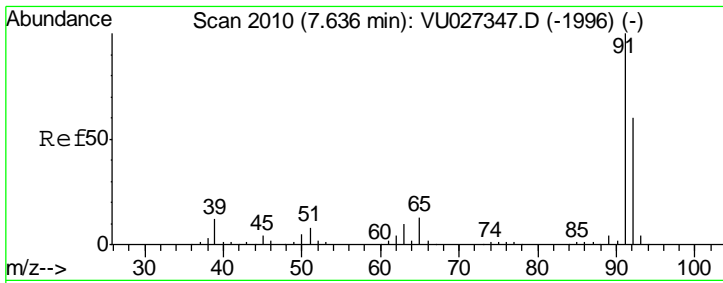
10/5/2018 11:57:10 AM



#48
 Ethyl methacrylate
 Concen: 1.669 ug/l
 RT: 8.03 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
69	10957		
41	74.4	38.9	116.7



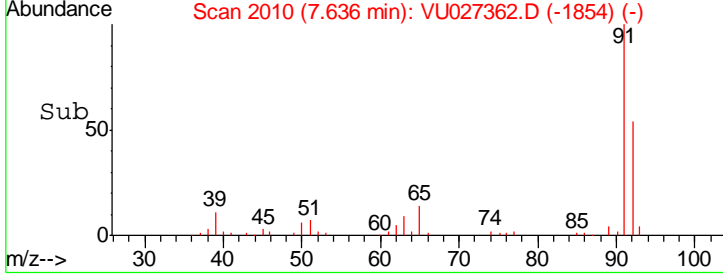
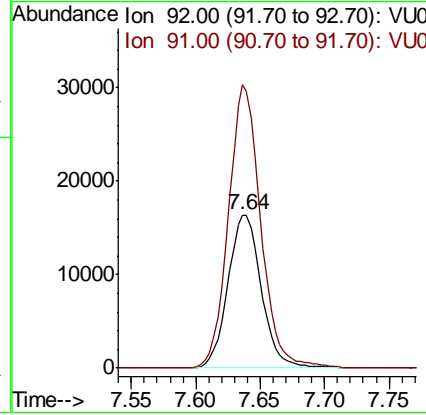
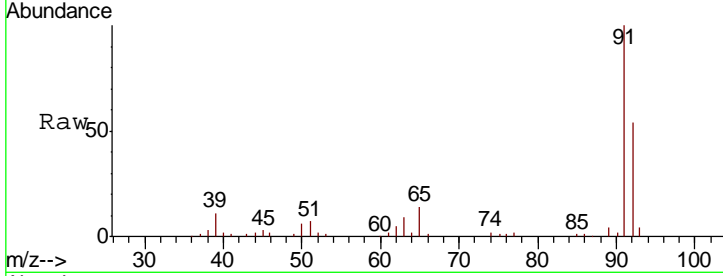


#49
 Toluene
 Concen: 1.809 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
92	29438		
91	179.4	136.4	204.6

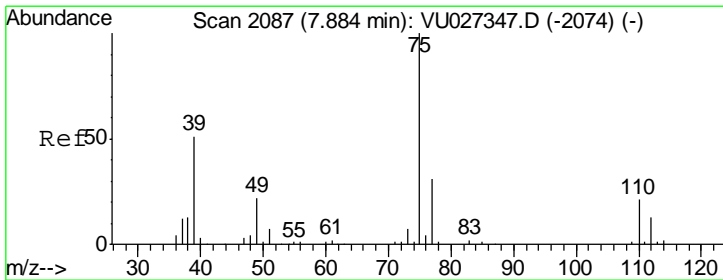
Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



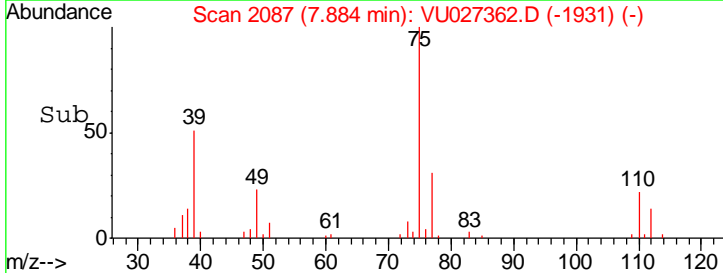
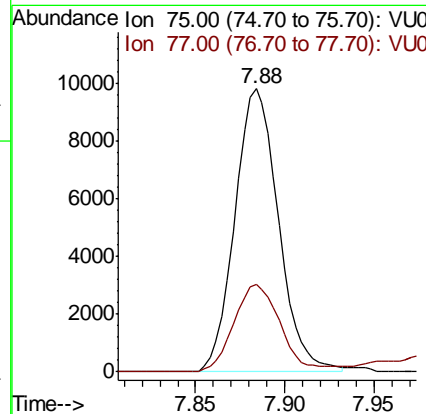
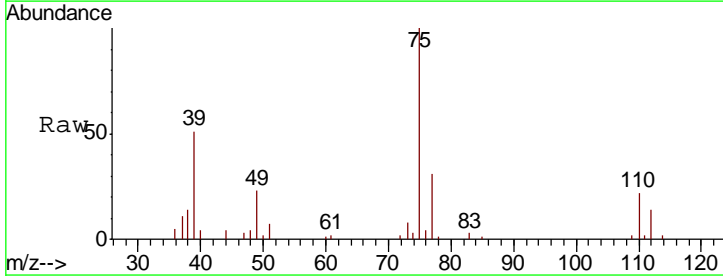
apatel

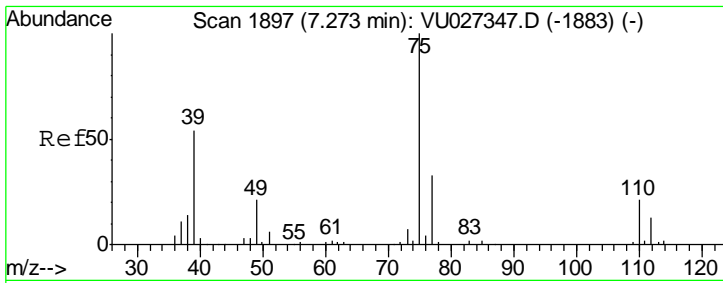
10/5/2018 11:57:10 AM



#50
 t-1,3-Dichloropropene
 Concen: 1.849 ug/l
 RT: 7.88 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
75	16678		
77	30.9	24.6	36.8





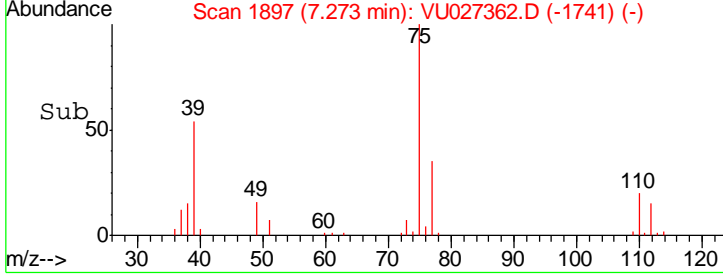
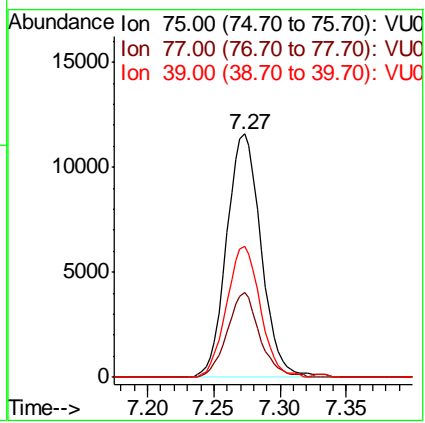
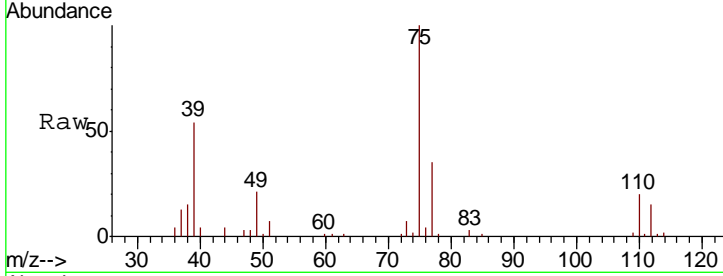
#51
 cis-1,3-Dichloropropene
 Concen: 1.941 ug/l
 RT: 7.27 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion: 75 Resp: 20984

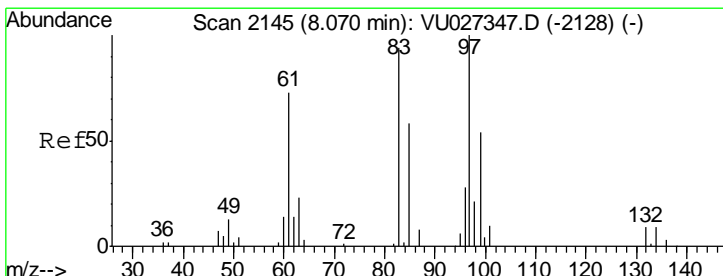
Ion	Ratio	Lower	Upper
75	100		
77	34.7	26.1	39.1
39	53.6	43.1	64.7

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



apatel

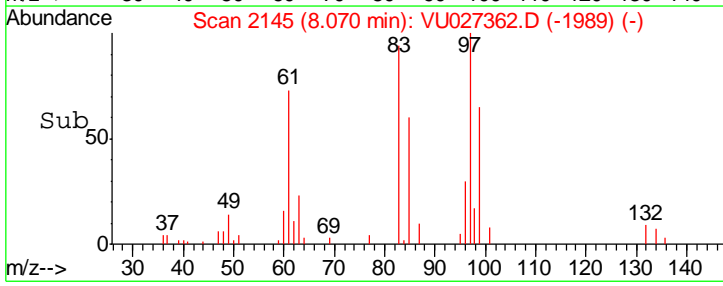
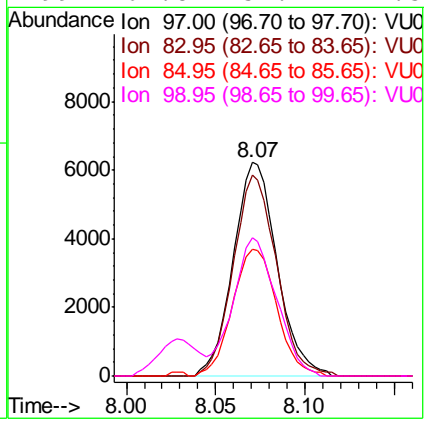
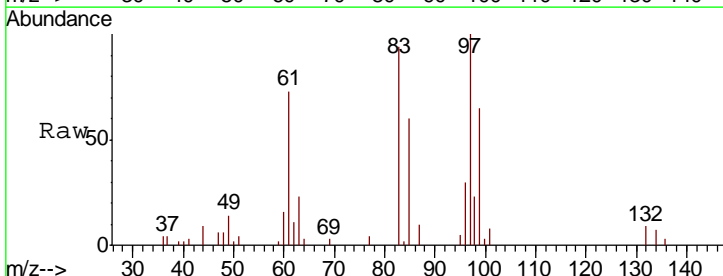
10/5/2018 11:57:10 AM

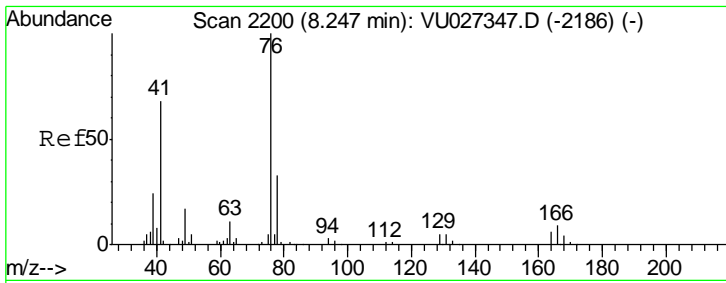


#52
 1,1,2-Trichloroethane
 Concen: 2.023 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion: 97 Resp: 10656

Ion	Ratio	Lower	Upper
97	100		
83	94.1	75.3	112.9
85	59.6	47.3	70.9
99	64.8	51.7	77.5



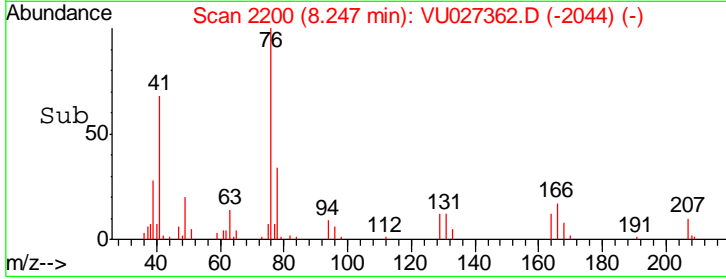
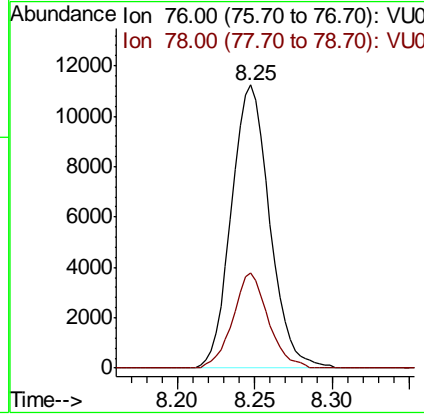
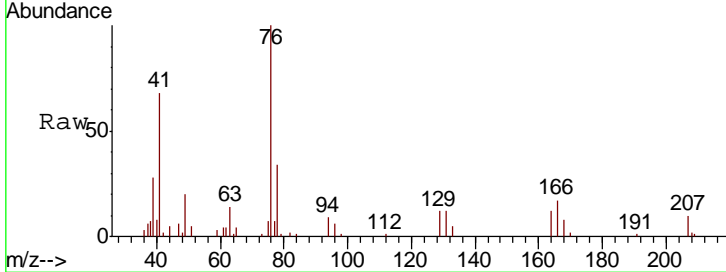


#53
 1,3-Dichloropropane
 Concen: 1.927 ug/l
 RT: 8.25 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
76	19260		
76	100		
78	30.9	25.7	38.5

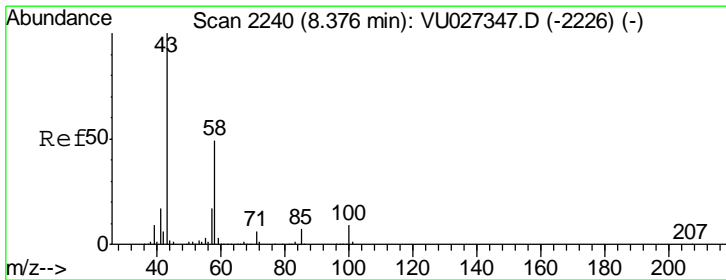
Instrument :
 MSVOA_U
ClientSampled :
 VU1003WBSD02

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



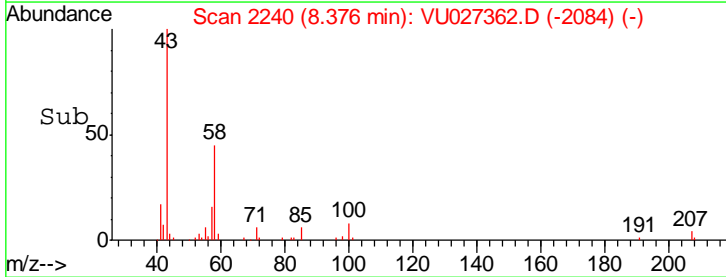
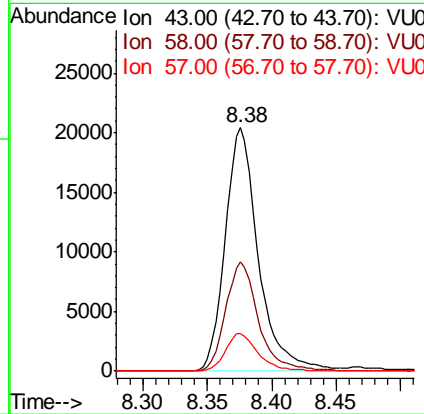
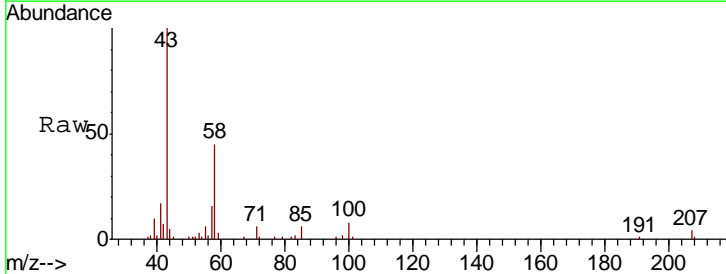
apatel

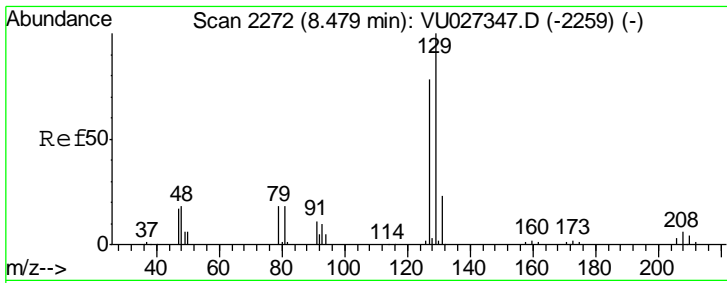
10/5/2018 11:57:10 AM



#54
 2-Hexanone
 Concen: 9.166 ug/l
 RT: 8.38 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
43	36501		
43	100		
58	44.1	29.5	69.5
57	15.2	0.0	37.0





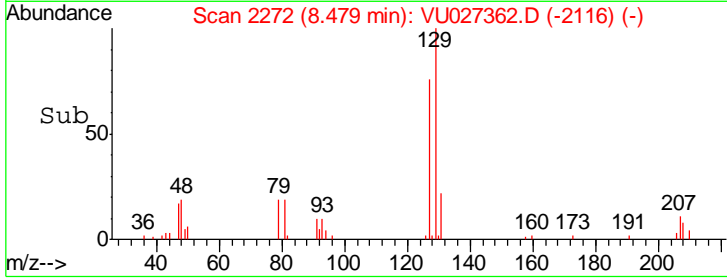
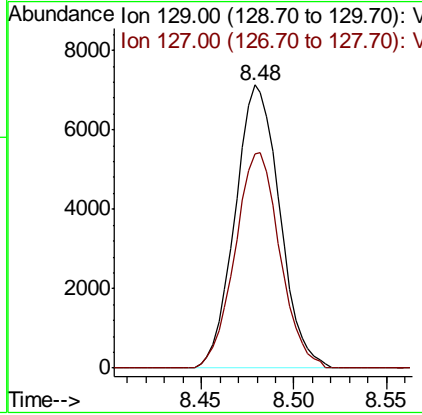
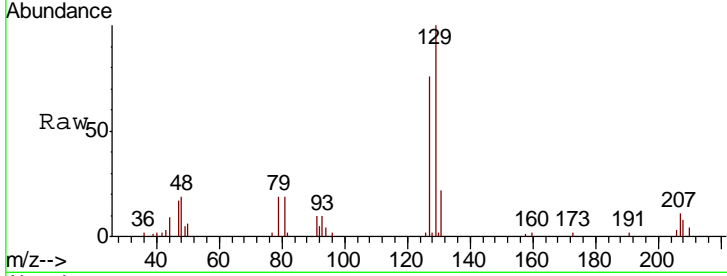
#55
 Dibromochloromethane
 Concen: 2.054 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument :
 MSVOA_U
ClientSampled :
 VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
129	11949		
127	76.5	61.8	92.8

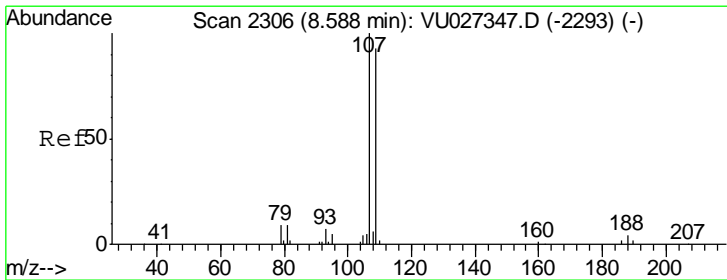
Manual Integrations
APPROVED

apatel
 10/5/2018 11:57:10 AM



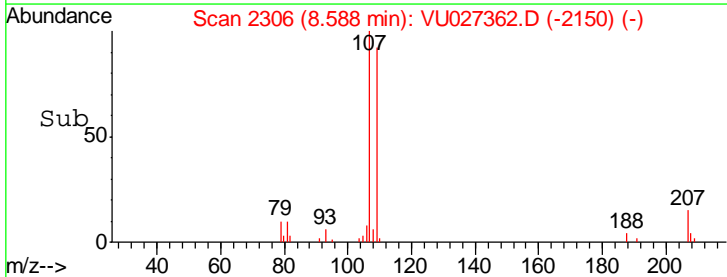
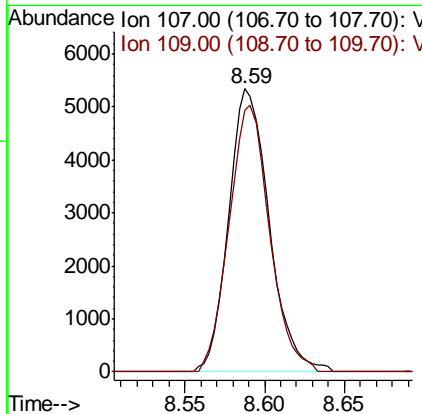
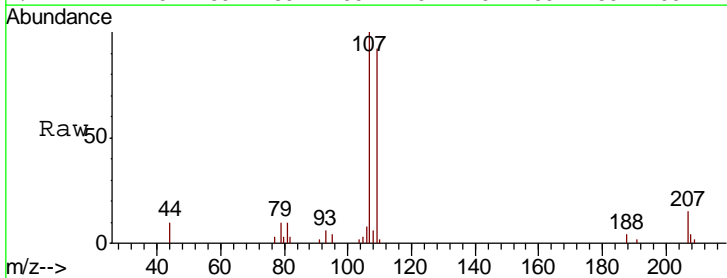
apatel

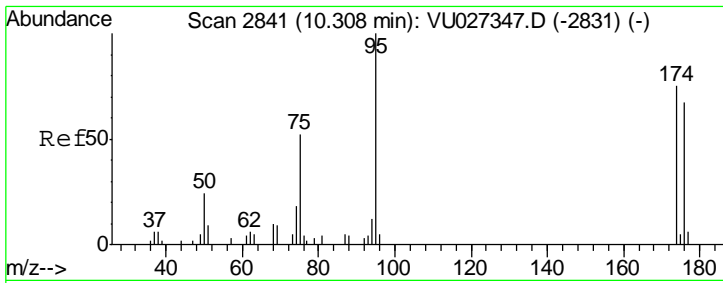
10/5/2018 11:57:10 AM



#56
 1,2-Dibromoethane
 Concen: 1.983 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

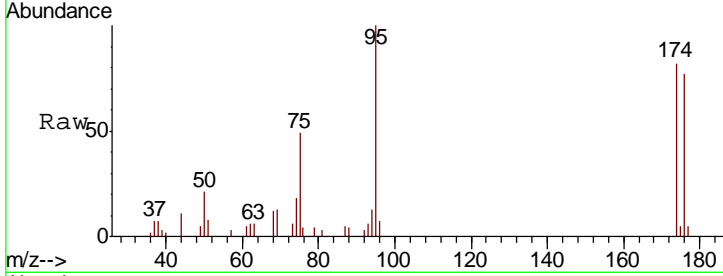
Tgt Ion	Resp	Lower	Upper
107	9236		
109	93.6	0.0	191.2





#57
 4-Bromofluorobenzene
 Concen: 1.983 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

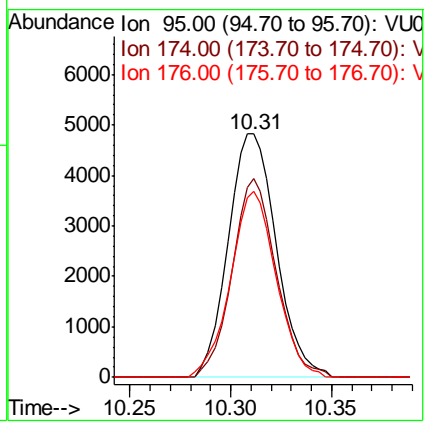
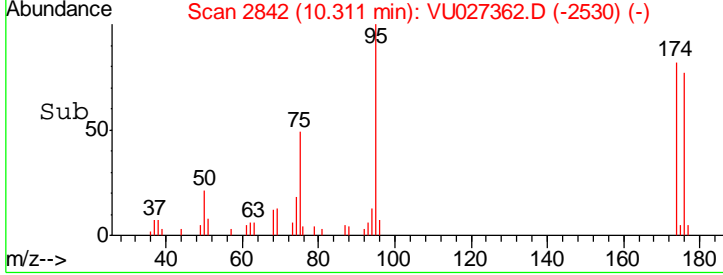
Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02



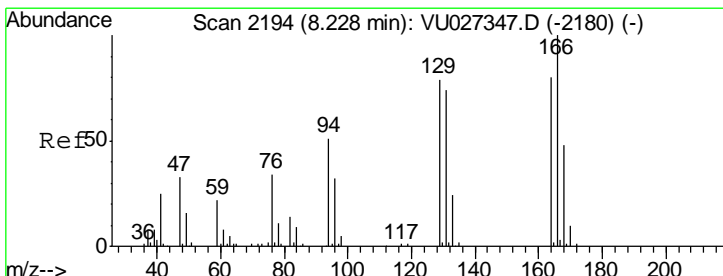
Tgt Ion: 95 Resp: 8040

Ion	Ratio	Lower	Upper
95	100		
174	75.1	61.0	91.6
176	72.7	57.2	85.8

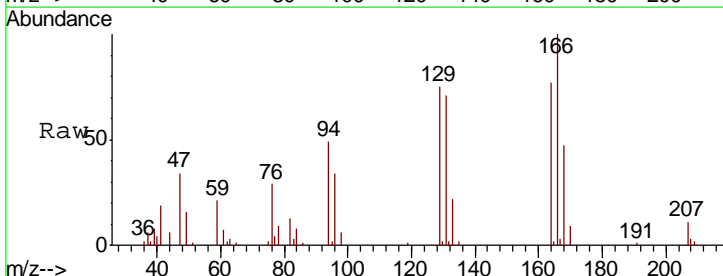
Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



apatel
 10/5/2018 11:57:10 AM

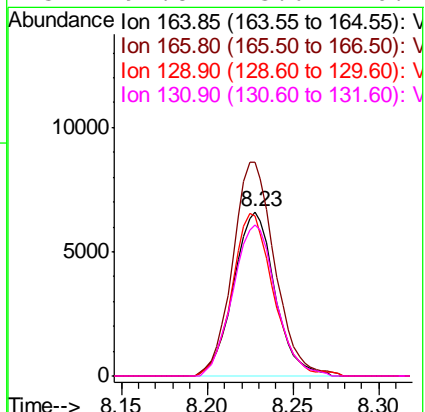
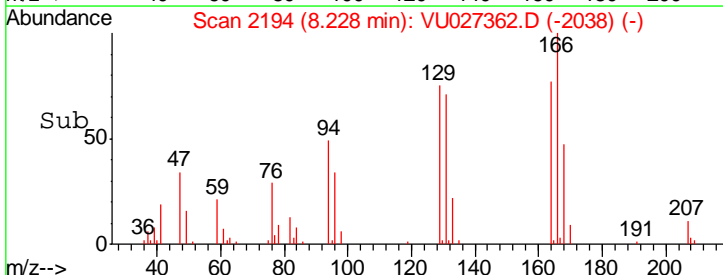


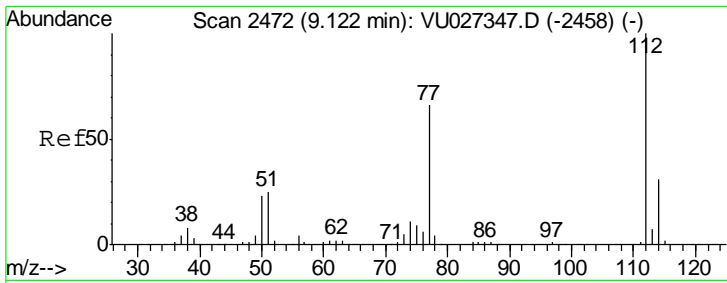
#58
 Tetrachloroethene
 Concen: 1.893 ug/l
 RT: 8.23 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59



Tgt Ion: 164 Resp: 11084

Ion	Ratio	Lower	Upper
164	100		
166	130.1	99.9	149.9
129	97.1	78.6	117.8
131	91.8	73.6	110.4





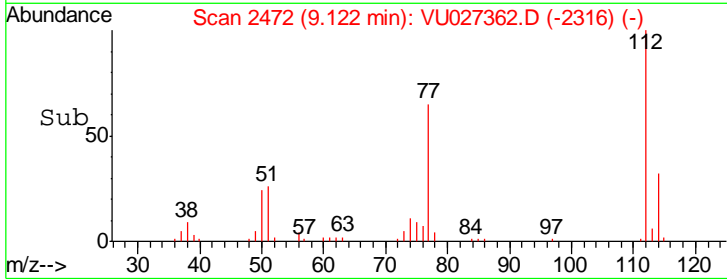
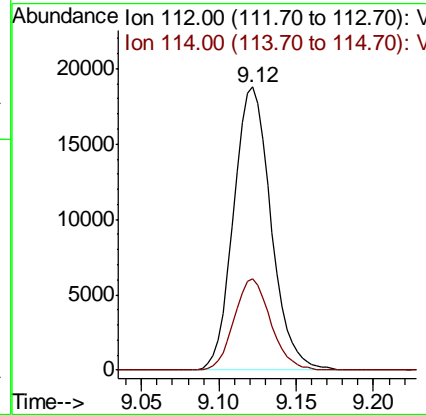
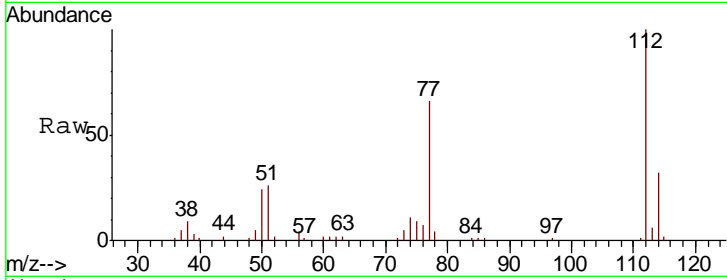
#59
 Chlorobenzene
 Concen: 1.855 ug/l
 RT: 9.12 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
112	100		
114	32.5	25.0	37.4

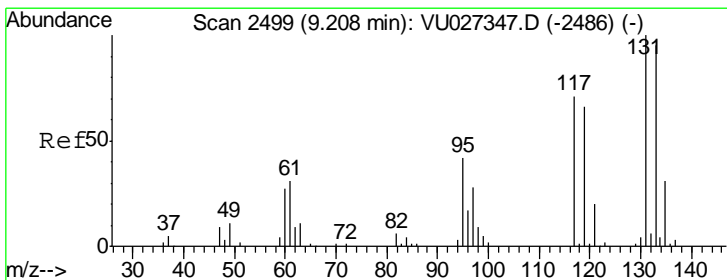
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



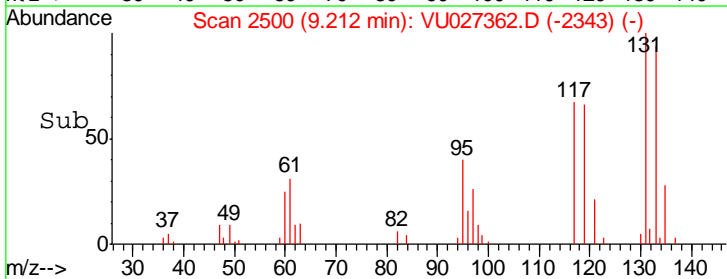
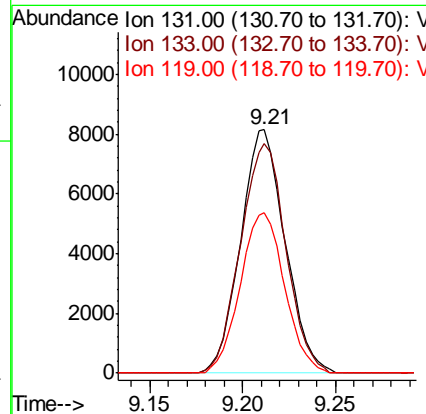
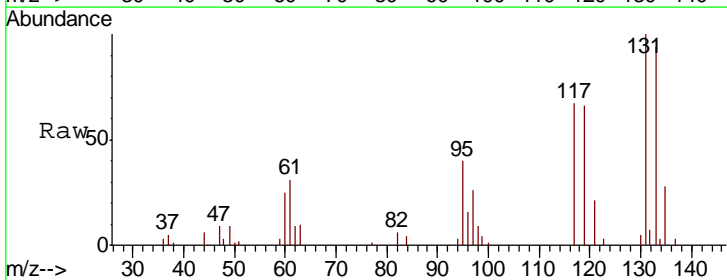
apatel

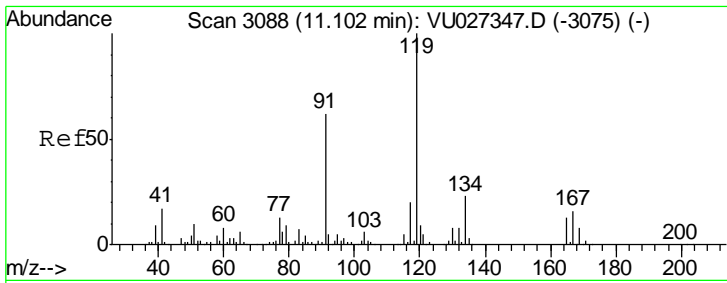
10/5/2018 11:57:10 AM



#60
 1,1,1,2-Tetrachloroethane
 Concen: 2.080 ug/l
 RT: 9.21 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
131	100		
133	96.0	77.1	115.7
119	65.4	53.6	80.4





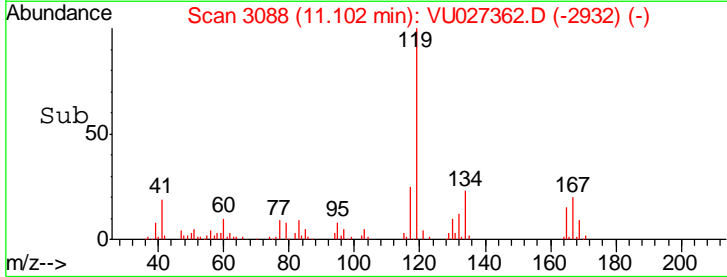
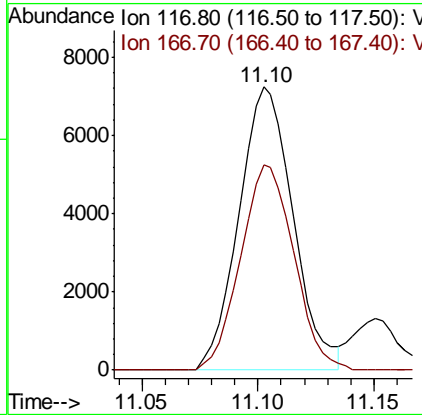
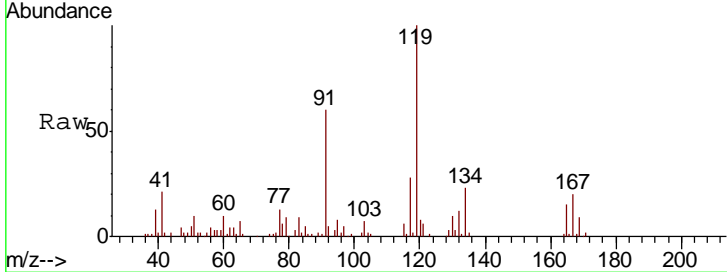
#61
 Pentachloroethane
 Concen: 2.186 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
117	11786		
117	100		
167	71.3	62.6	93.8

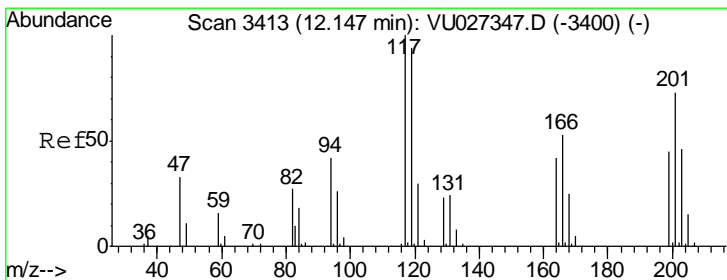
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



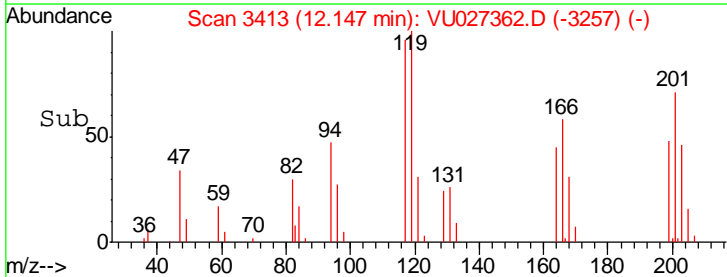
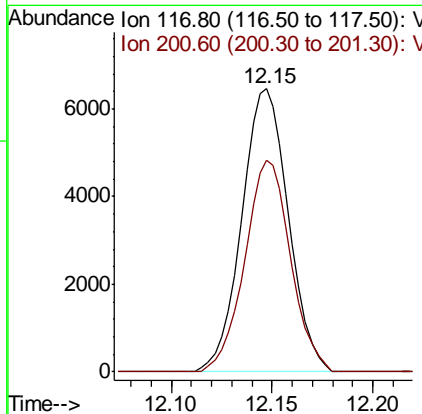
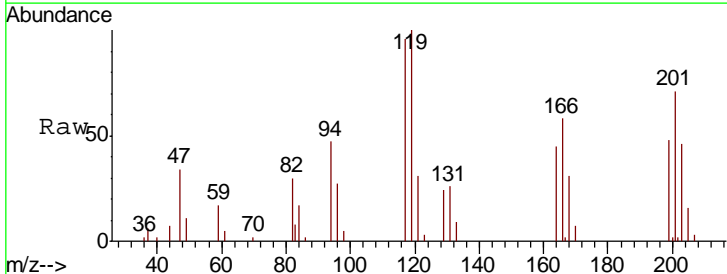
apatel

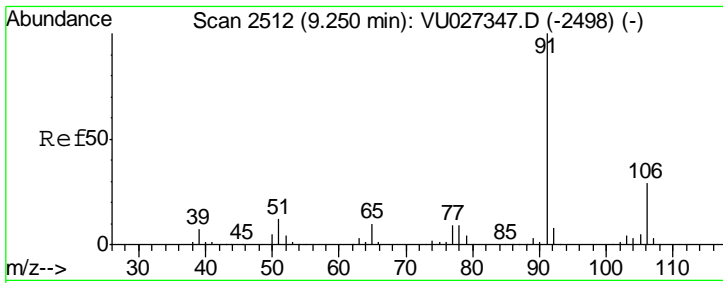
10/5/2018 11:57:10 AM



#62
 Hexachloroethane
 Concen: 2.030 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
117	10438		
117	100		
201	73.4	59.3	88.9





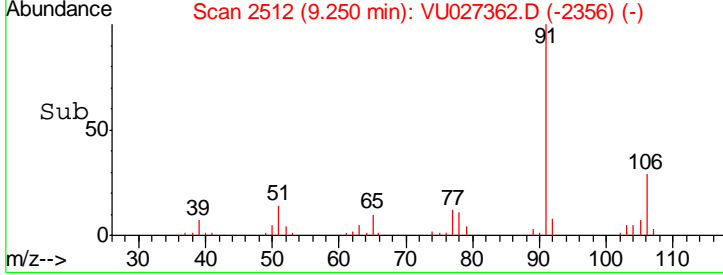
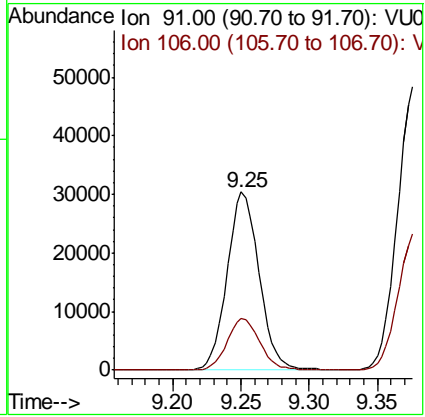
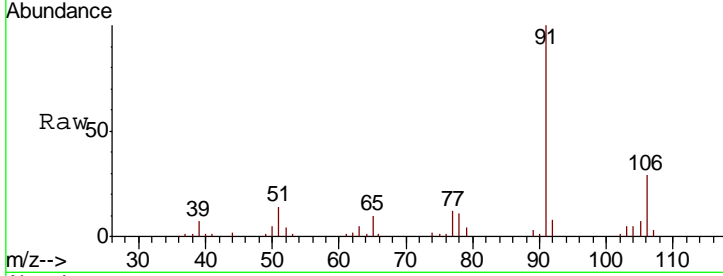
#63
 Ethyl Benzene
 Concen: 1.705 ug/l
 RT: 9.25 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
91	100		
106	28.7	23.6	35.4

Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM

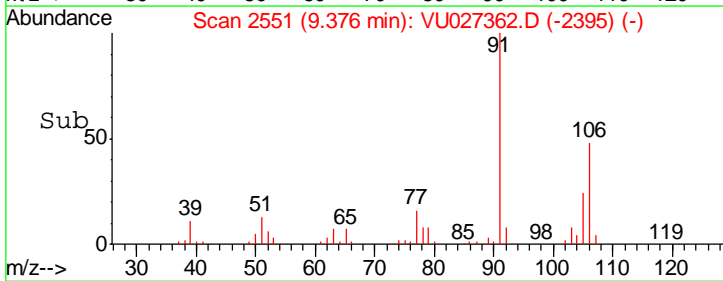
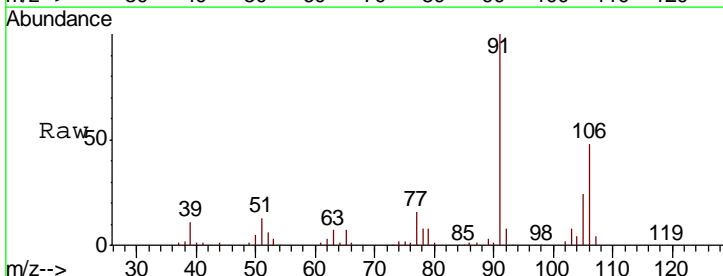
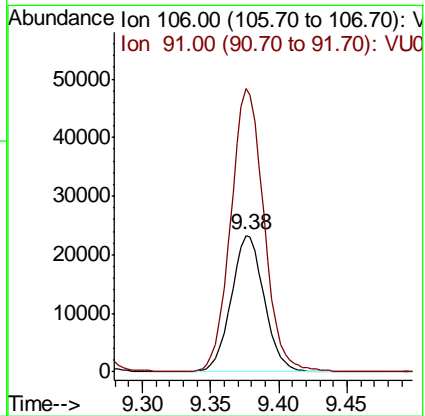
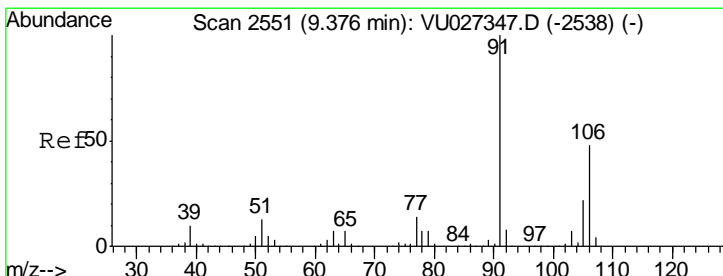


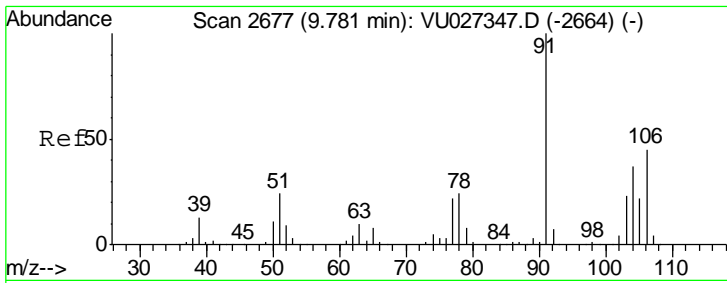
#64
 m/p-Xylenes
 Concen: 3.582 ug/l
 RT: 9.38 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

apatel

10/5/2018 11:57:10 AM

Tgt Ion	Resp	Lower	Upper
106	100		
91	209.6	169.8	254.8





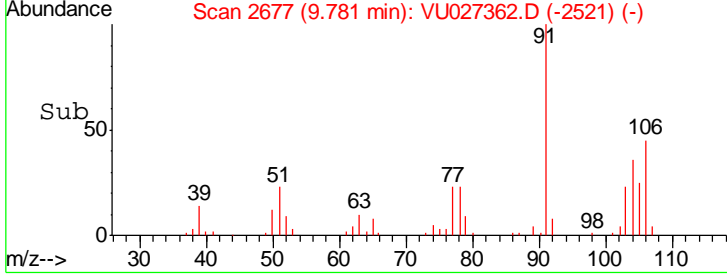
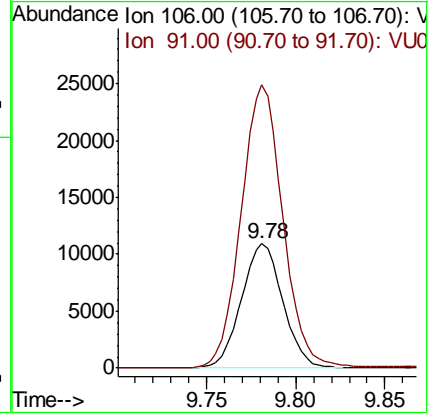
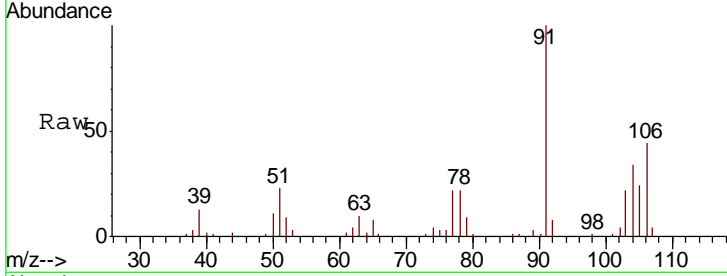
#65
 o-Xylene
 Concen: 1.708 ug/l
 RT: 9.78 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument :
 MSVOA_U
Client Sampled :
 VU1003WBSD02

Tgt Ion: 106 Resp: 17702
 Ion Ratio Lower Upper
 106 100
 91 230.8 111.1 333.2

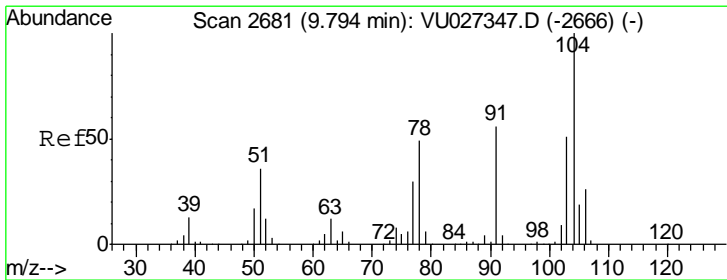
Manual Integrations
APPROVED

apatel
 10/5/2018 11:57:10 AM



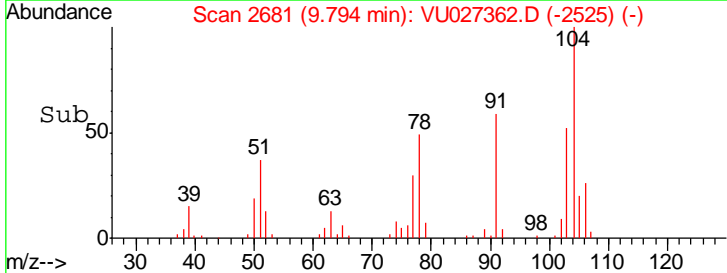
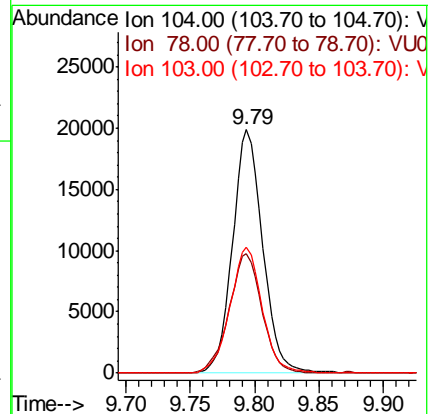
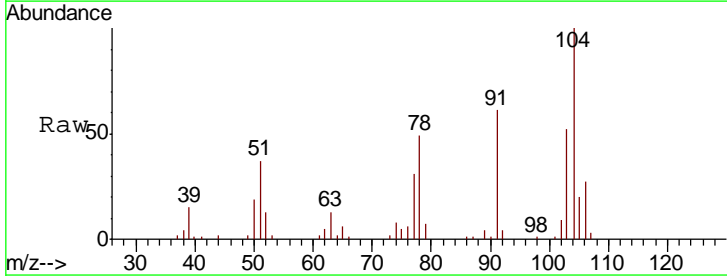
apatel

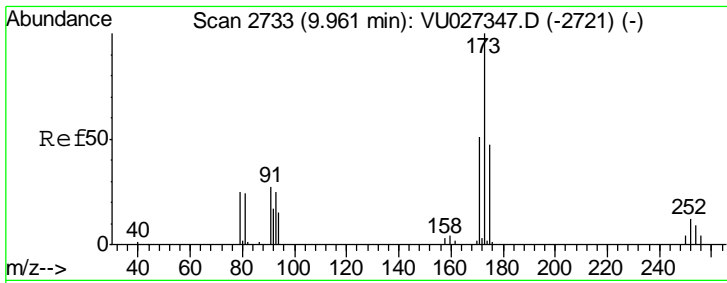
10/5/2018 11:57:10 AM



#66
 Styrene
 Concen: 1.773 ug/l
 RT: 9.79 min Scan# 2681
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion: 104 Resp: 32262
 Ion Ratio Lower Upper
 104 100
 78 53.3 43.1 64.7
 103 55.0 43.8 65.8





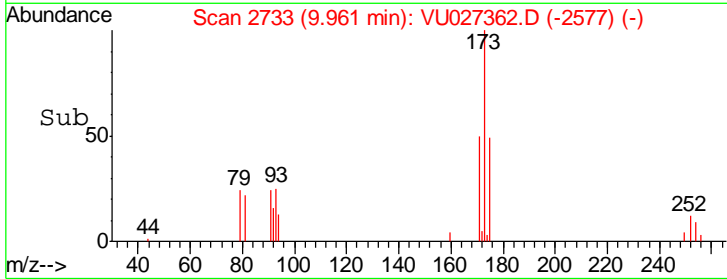
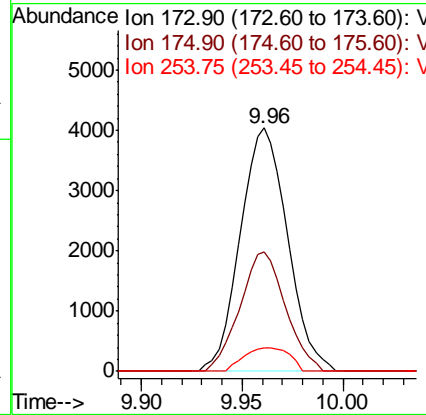
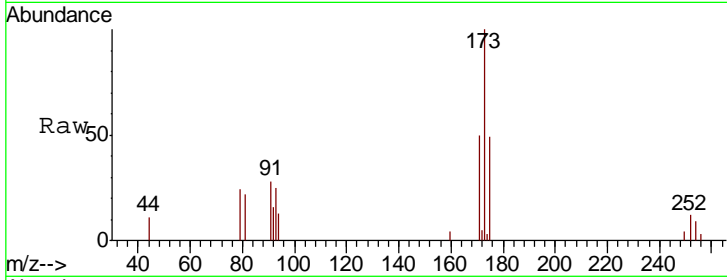
#67
 Bromoform
 Concen: 2.127 ug/l
 RT: 9.96 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument :
 MSVOA_U
Client Sampled :
 VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
173	6618		
175	47.3	38.2	57.4
254	9.3	7.7	11.5

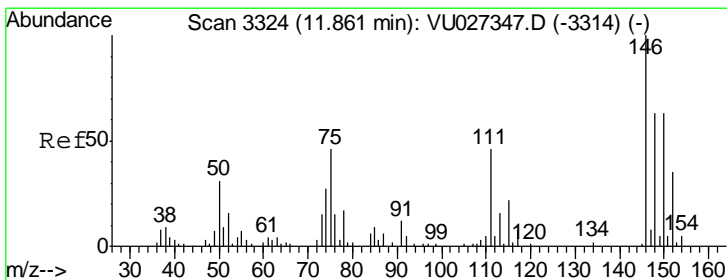
Manual Integrations
APPROVED

apatel
 10/5/2018 11:57:10 AM



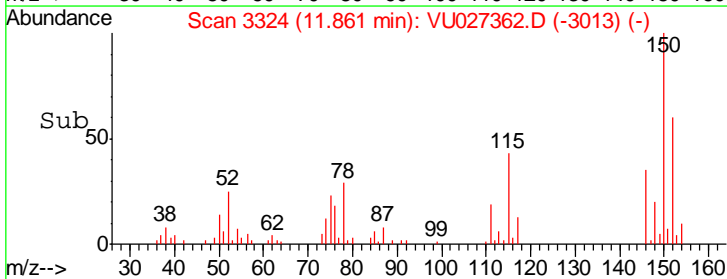
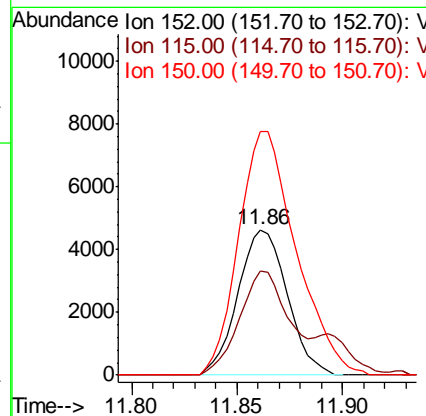
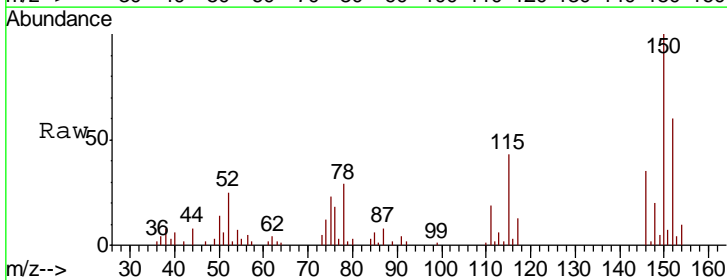
apatel

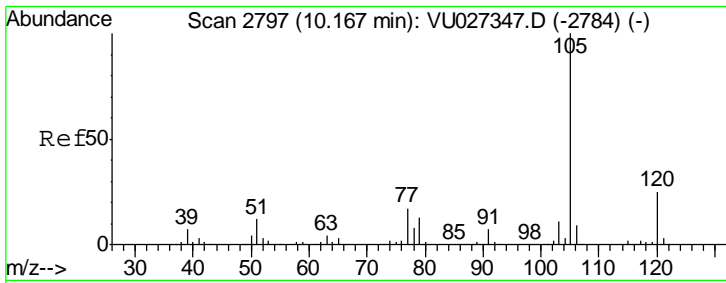
10/5/2018 11:57:10 AM



#68
 1,2-Dichlorobenzene-d4
 Concen: 2.127 ug/l
 RT: 11.86 min Scan# 3324
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
152	7514		
115	71.5	0.0	131.6
150	195.7	0.0	0.0#





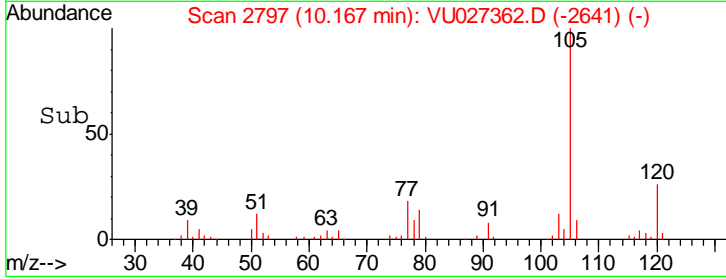
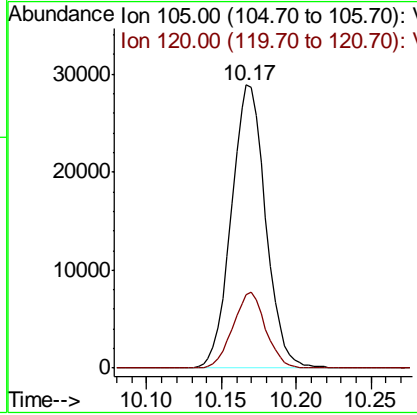
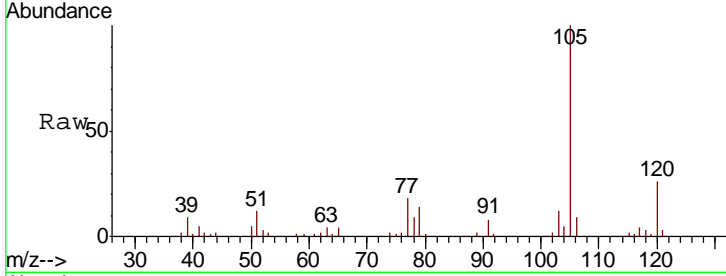
#69
 Isopropylbenzene
 Concen: 1.684 ug/l
 RT: 10.17 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
105	46033		
105	100		
120	25.5	12.7	38.1

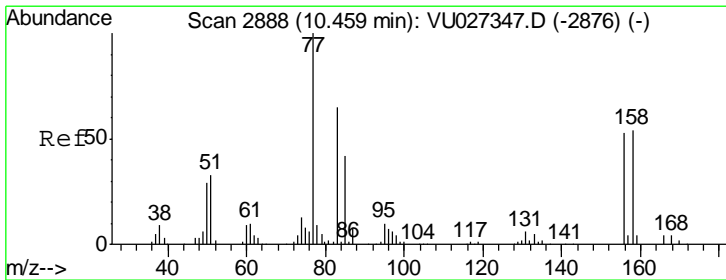
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



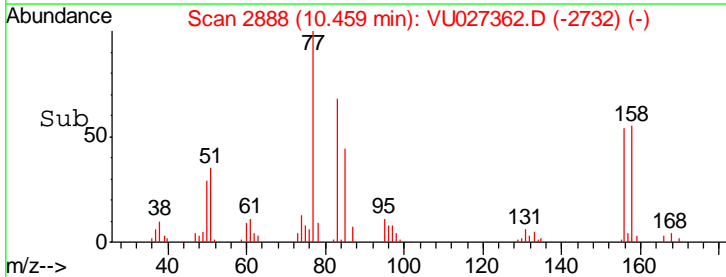
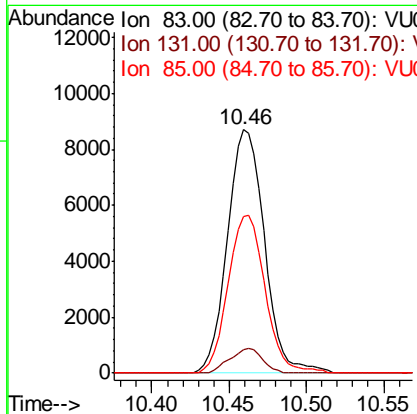
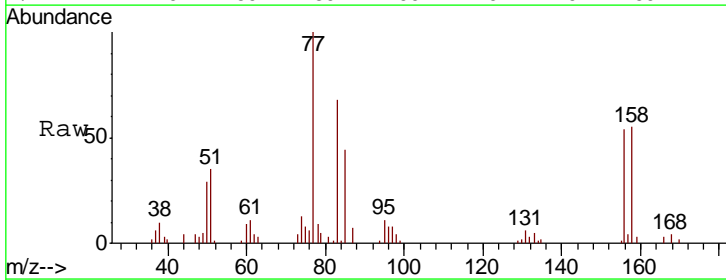
apatel

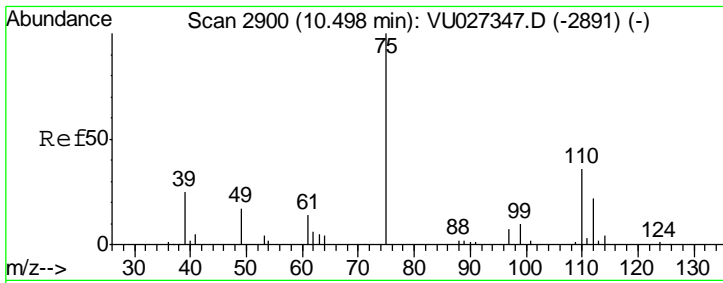
10/5/2018 11:57:10 AM



#70
 1,1,2,2-Tetrachloroethane
 Concen: 2.036 ug/l
 RT: 10.46 min Scan# 2888
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
83	14486		
83	100		
131	8.8	7.0	10.6
85	64.6	51.4	77.0



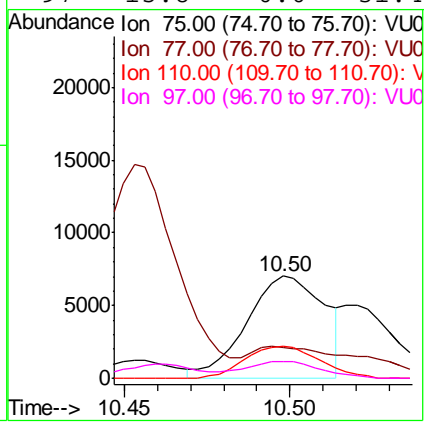
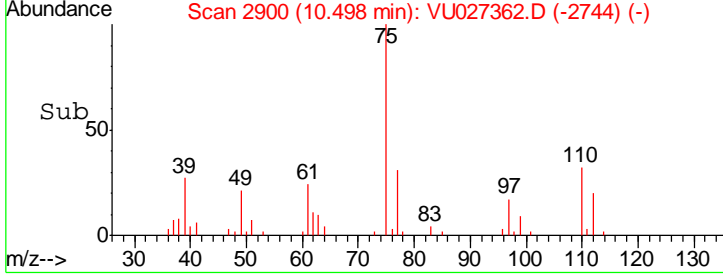
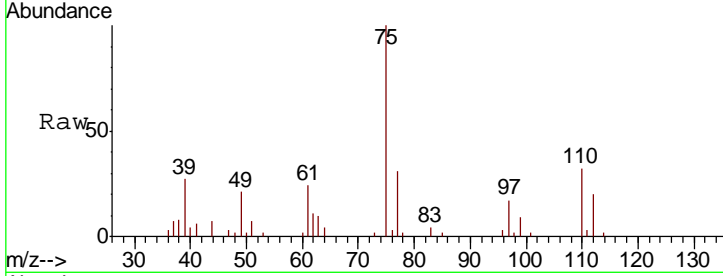


#71
 1,2,3-Trichloropropane
 Concen: 2.108 ug/l m
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

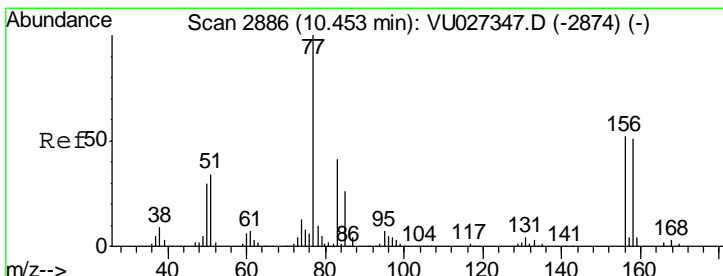
Tgt Ion	Resp	Lower	Upper
75	11576		
77	45.2	0.0	16.6#
110	29.9	0.0	65.4
97	15.8	0.0	31.4

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



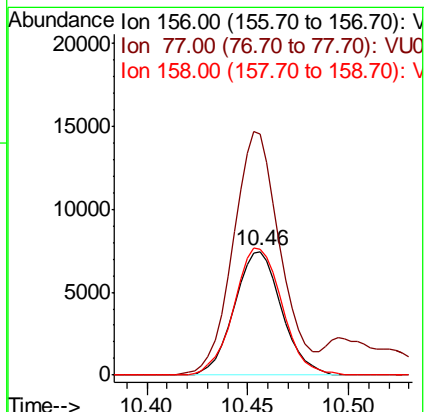
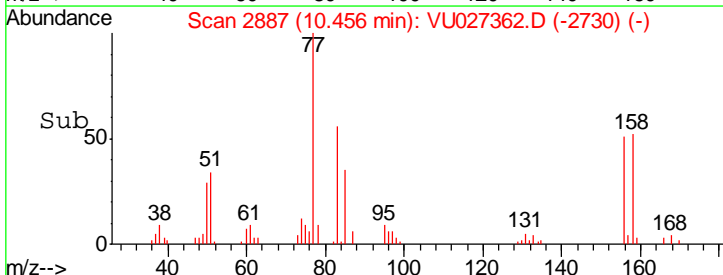
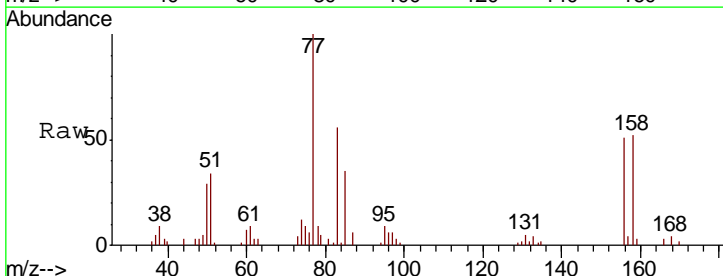
apatel

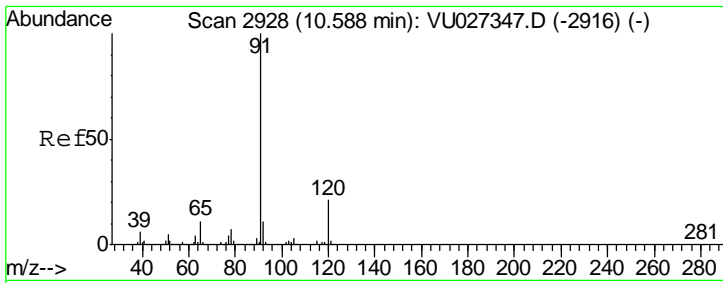
10/5/2018 11:57:10 AM



#72
 Bromobenzene
 Concen: 1.855 ug/l
 RT: 10.46 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
156	12234		
77	196.7	0.0	387.6
158	104.9	0.0	196.2



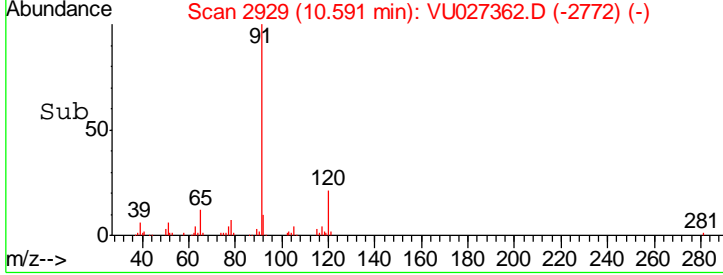
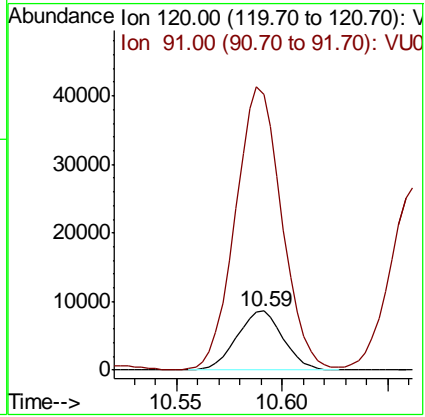
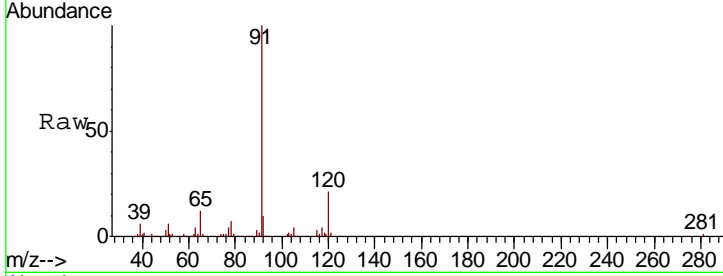


#73
 n-propylbenzene
 Concen: 1.768 ug/l
 RT: 10.59 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

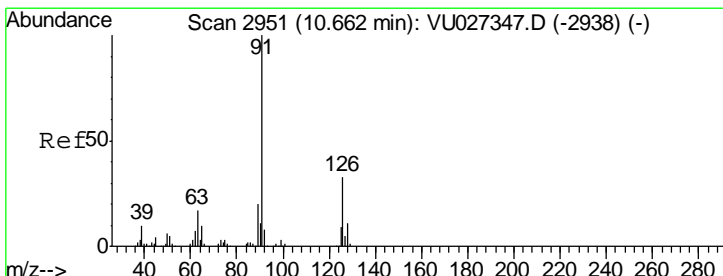
Tgt Ion	Resp	Lower	Upper
120	13012		
120	100		
91	486.3	381.4	572.0

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



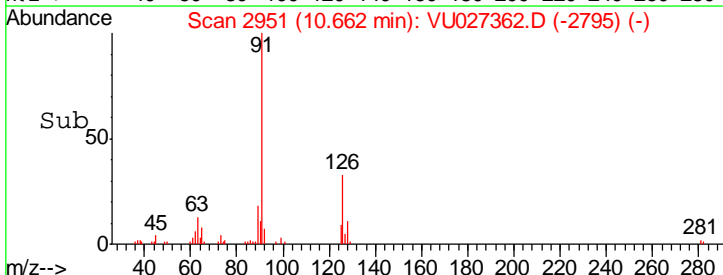
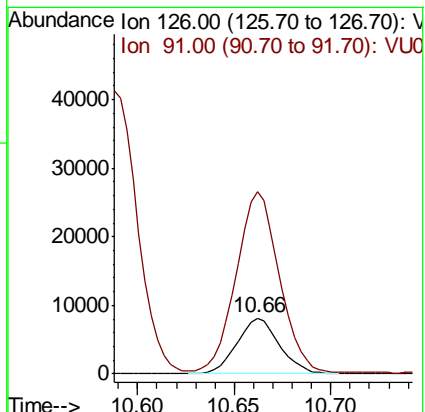
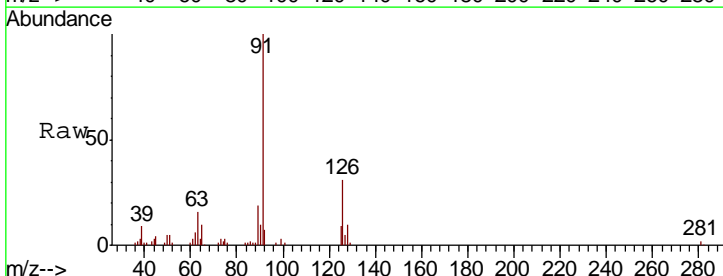
apatel

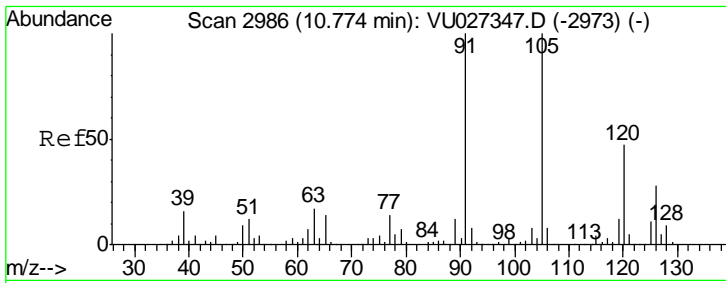
10/5/2018 11:57:10 AM



#74
 2-Chlorotoluene
 Concen: 1.857 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
126	12494		
126	100		
91	328.8	0.0	639.0





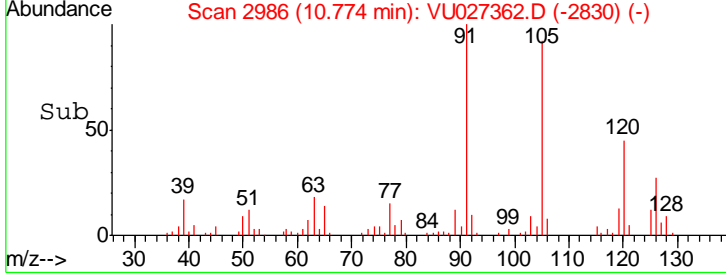
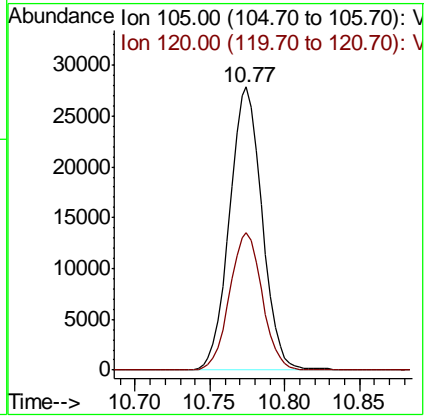
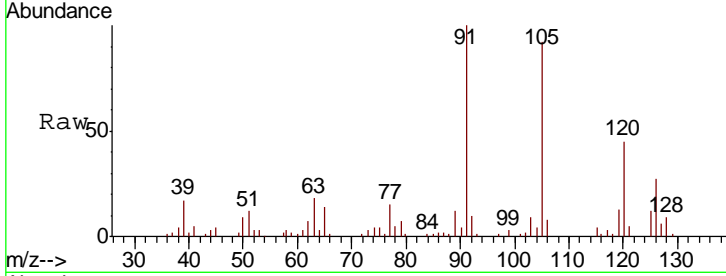
#75
 1,3,5-Trimethylbenzene
 Concen: 1.738 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
105	42272		
105	100		
120	48.4	37.8	56.8

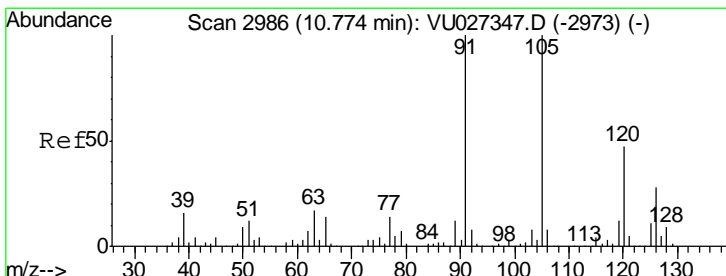
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



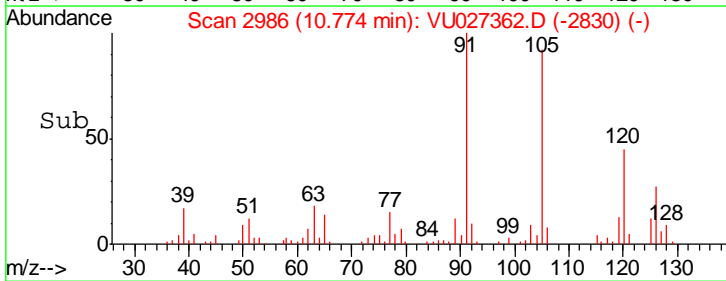
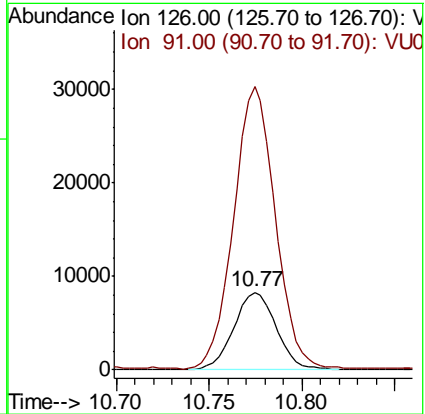
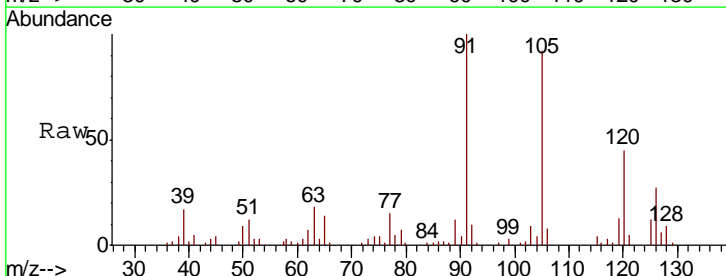
apatel

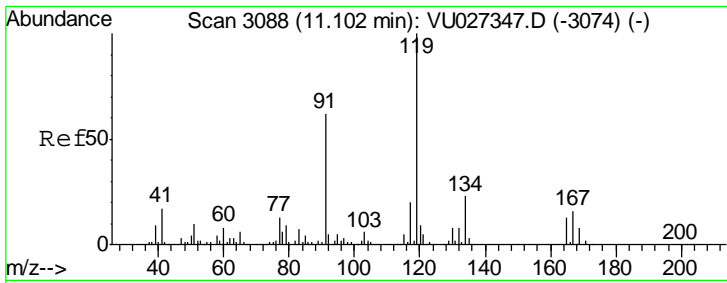
10/5/2018 11:57:10 AM



#76
 4-Chlorotoluene
 Concen: 1.903 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
126	13136		
126	100		
91	356.5	0.0	720.8



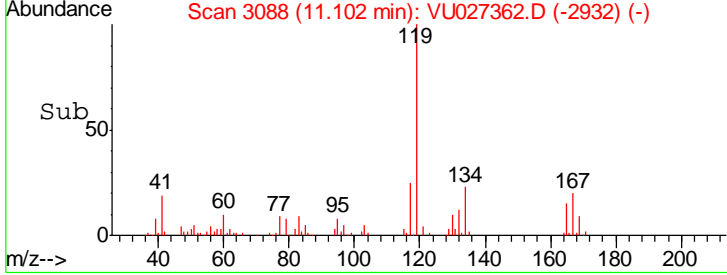
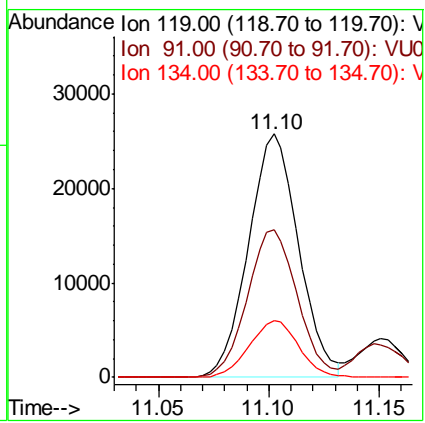
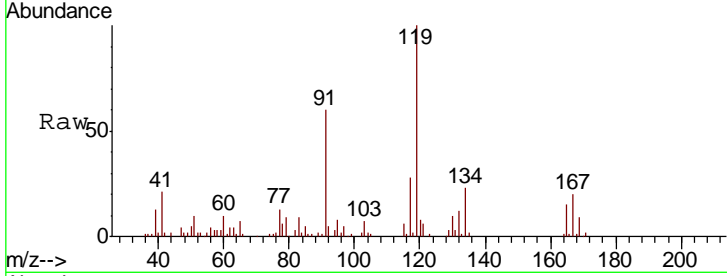


#77
 tert-Butylbenzene
 Concen: 1.761 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

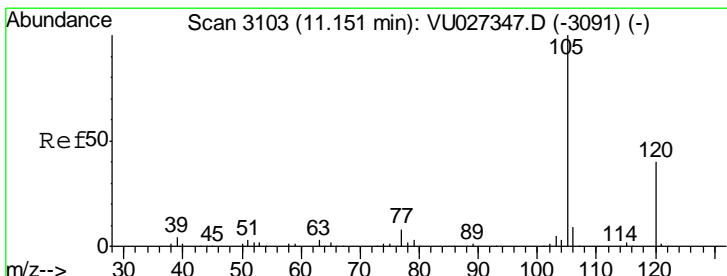
Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
119	40437		
91	60.4	31.4	94.3
134	23.0	18.7	28.1

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM

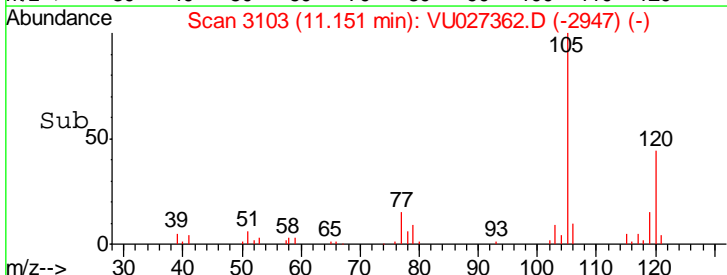
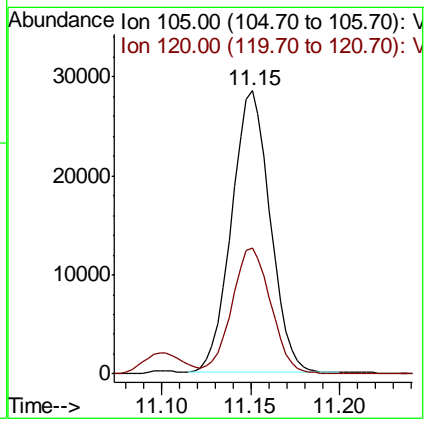
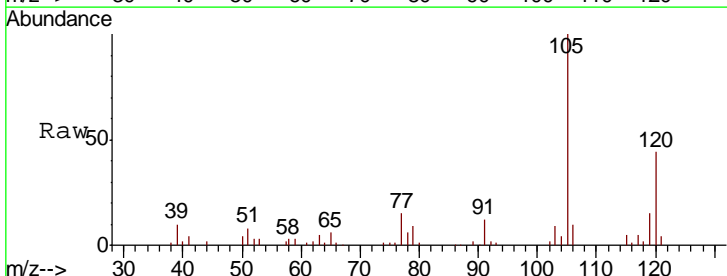


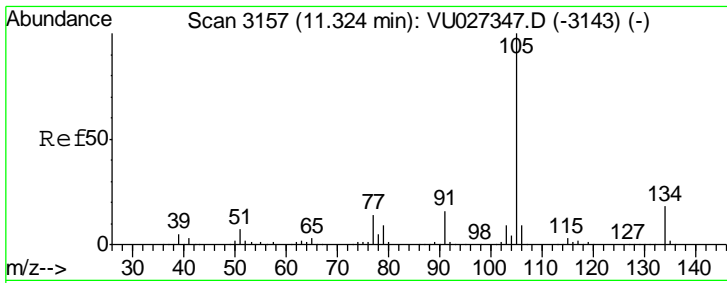
apatel
 10/5/2018 11:57:10 AM



#78
 1,2,4-Trimethylbenzene
 Concen: 1.727 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
105	42868		
120	45.0	21.9	65.7





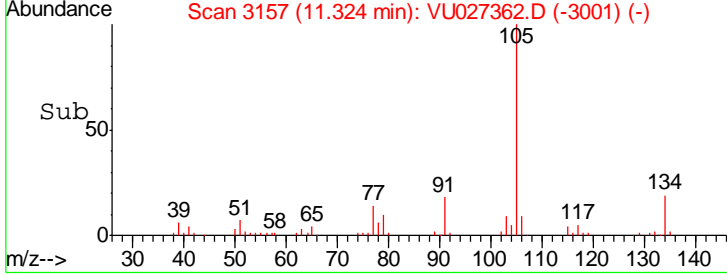
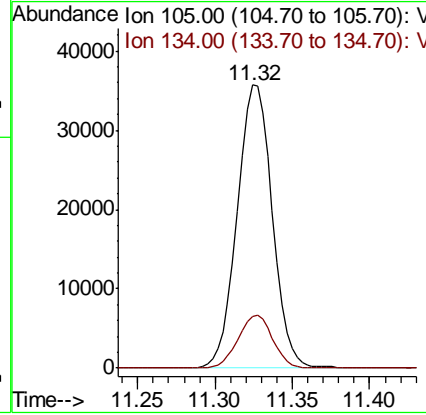
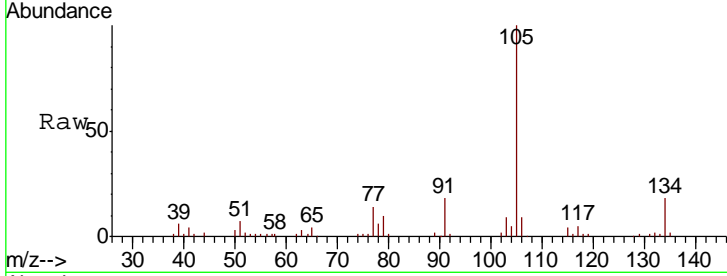
#79
 sec-Butylbenzene
 Concen: 1.784 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
105	56212		
134	18.4	14.8	22.2

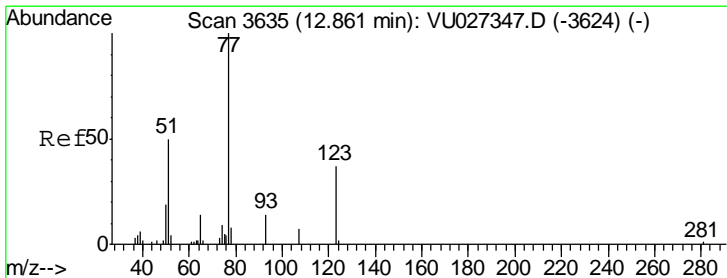
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



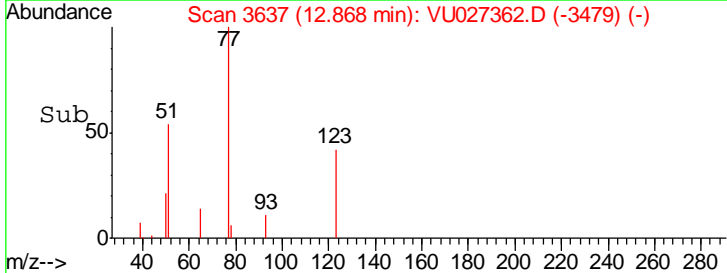
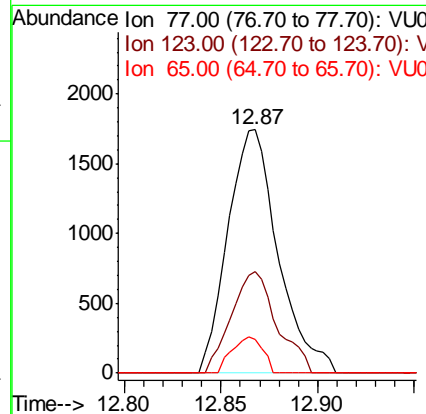
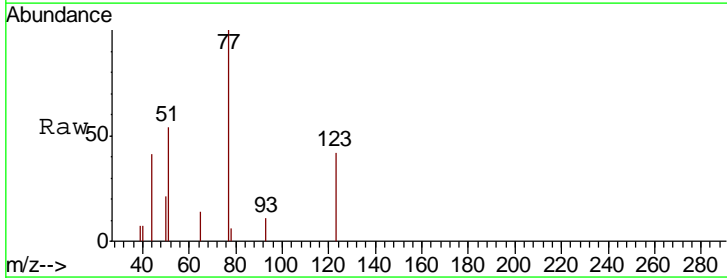
apatel

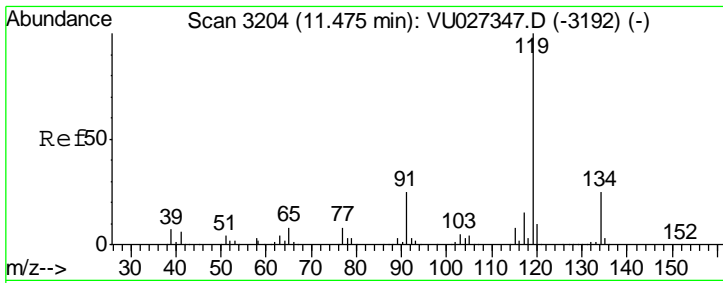
10/5/2018 11:57:10 AM



#80
 Nitrobenzene
 Concen: 10.758 ug/l
 RT: 12.87 min Scan# 3637
 Delta R.T. 0.01 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
77	3147		
123	37.8	16.4	58.2
65	9.1	11.7	14.9#





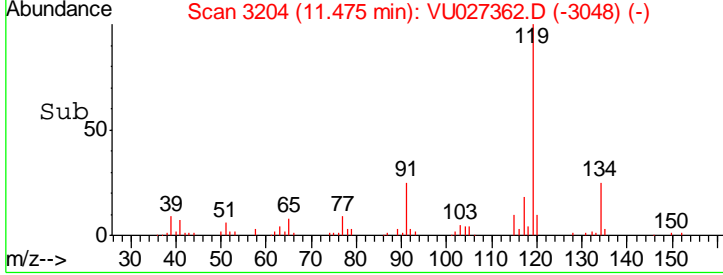
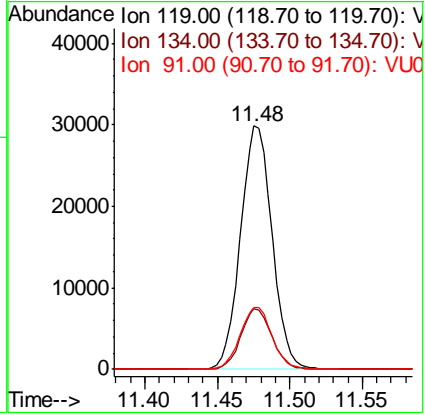
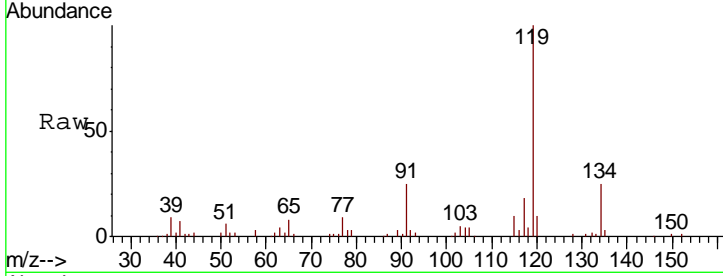
#81
 p-Isopropyltoluene
 Concen: 1.785 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
119	45229		
134	24.2	20.2	30.2
91	25.9	19.6	29.4

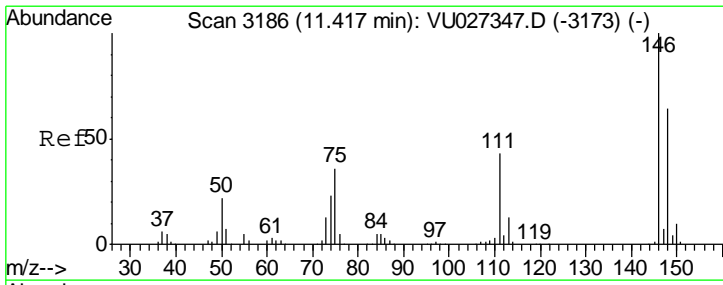
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



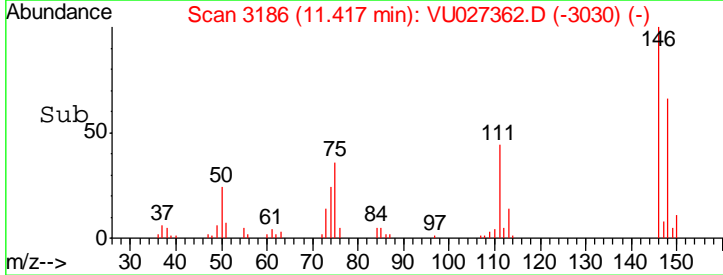
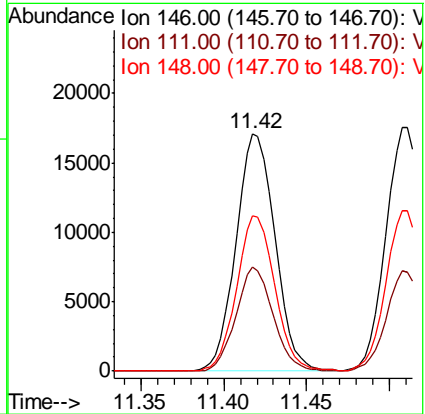
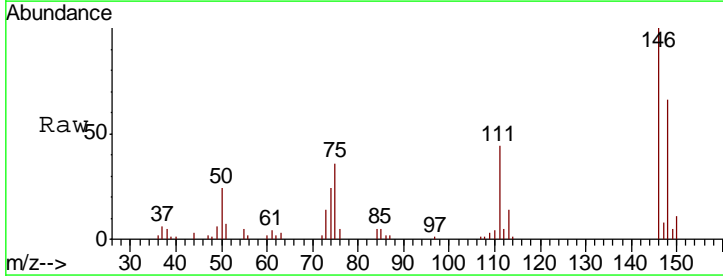
apatel

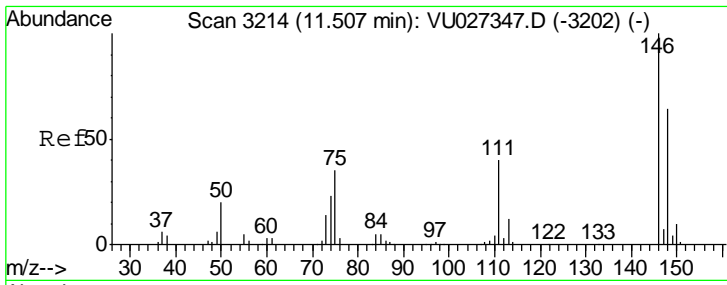
10/5/2018 11:57:10 AM



#82
 1,3-Dichlorobenzene
 Concen: 2.022 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
146	28089		
111	41.3	34.3	51.5
148	63.6	51.2	76.8





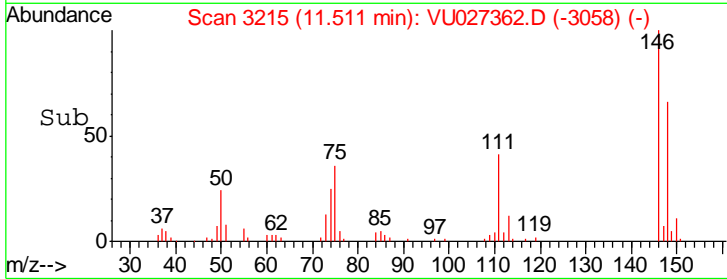
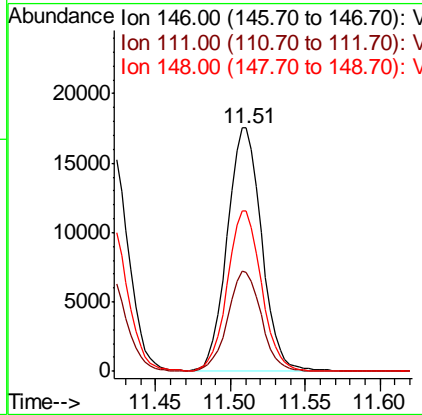
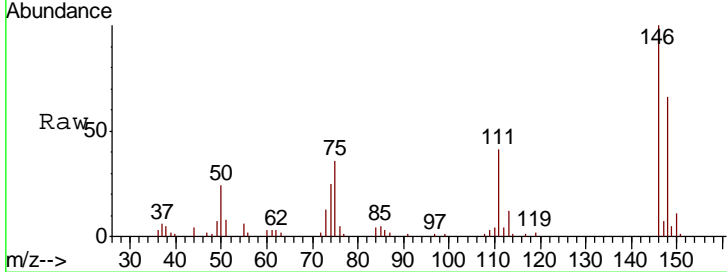
#83
 1,4-Dichlorobenzene
 Concen: 2.025 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
146	28150		
146	100		
111	39.7	32.6	49.0
148	65.0	51.4	77.2

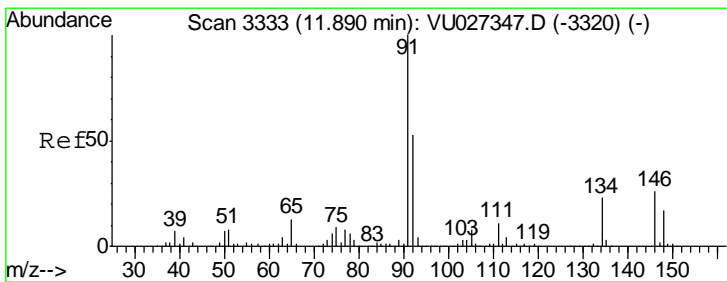
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



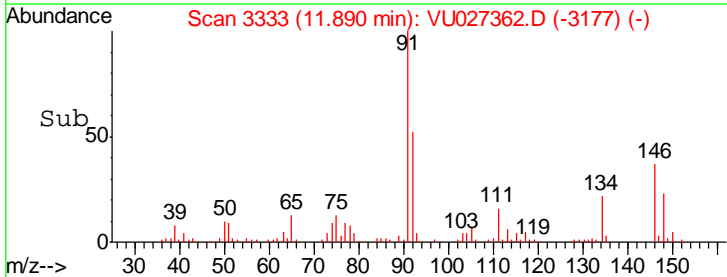
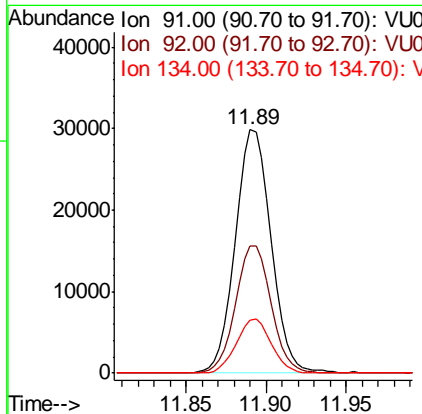
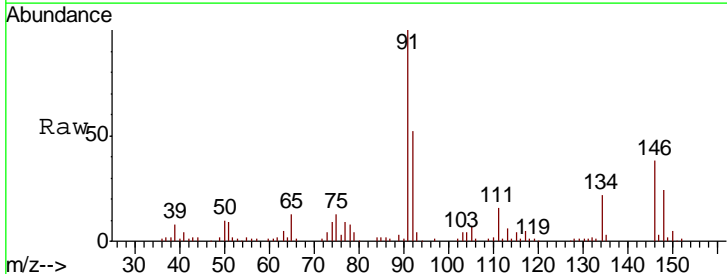
apatel

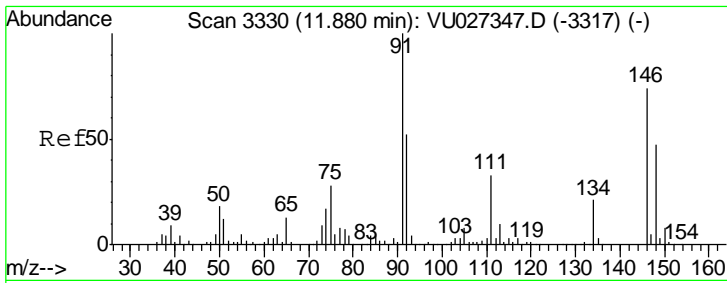
10/5/2018 11:57:10 AM



#84
 n-Butylbenzene
 Concen: 1.764 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
91	45352		
91	100		
92	51.9	42.2	63.2
134	21.6	18.2	27.4





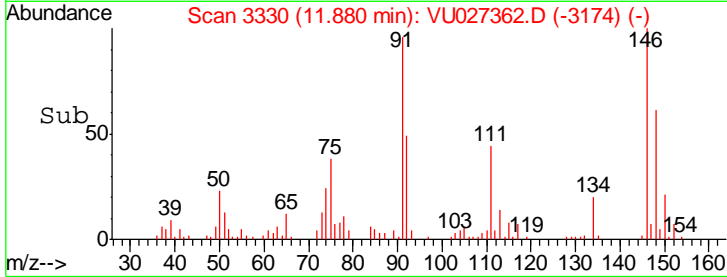
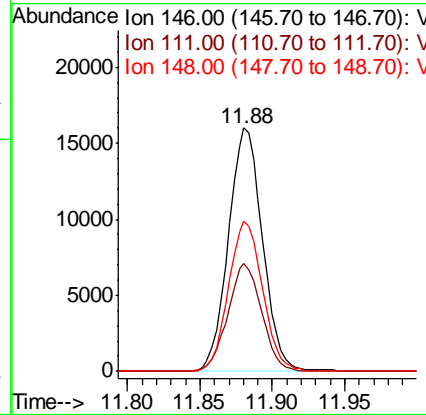
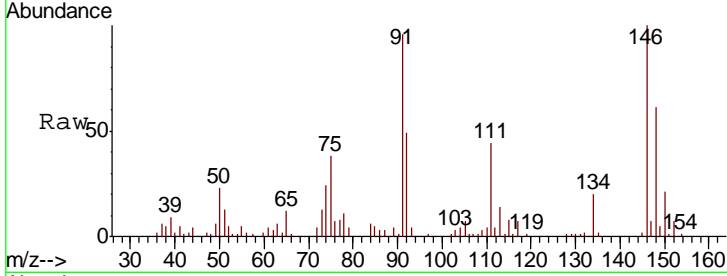
#85
 1,2-Dichlorobenzene
 Concen: 2.030 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Instrument : MSVOA_U
 ClientSampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
146	26089		
146	100		
111	43.8	22.1	66.3
148	61.4	32.0	96.0

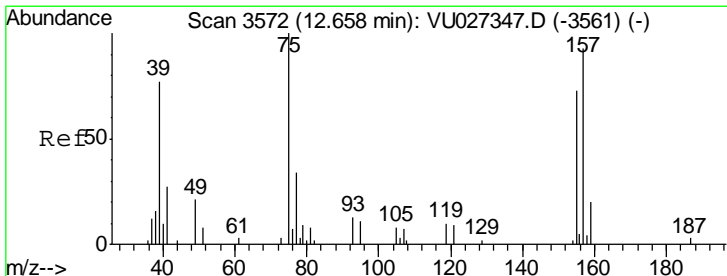
Manual Integrations
 APPROVED

apatel
 10/5/2018 11:57:10 AM



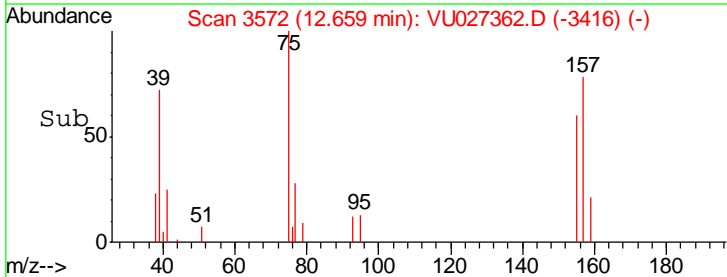
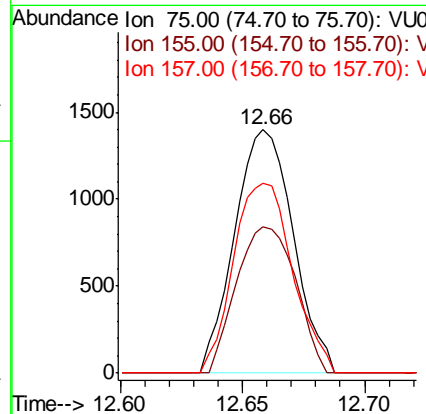
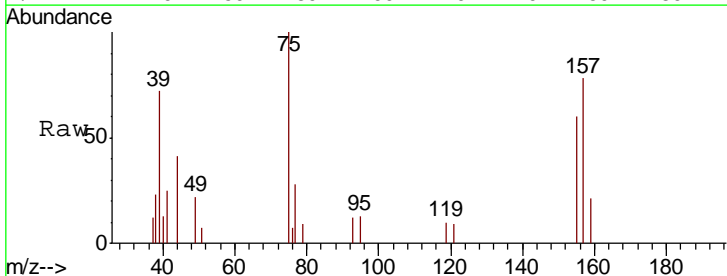
apatel

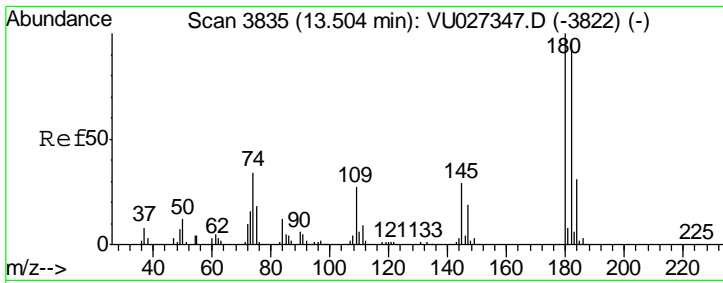
10/5/2018 11:57:10 AM



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.167 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

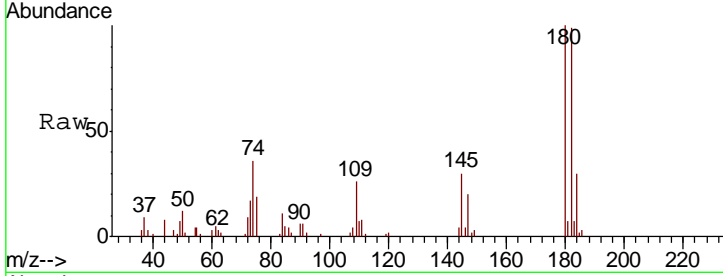
Tgt Ion	Resp	Lower	Upper
75	2336		
75	100		
155	60.9	56.6	84.8
157	78.7	71.8	107.6





#87
 1,2,4-Trichlorobenzene
 Concen: 1.908 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

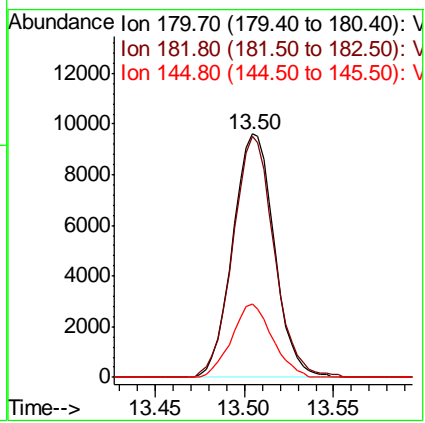
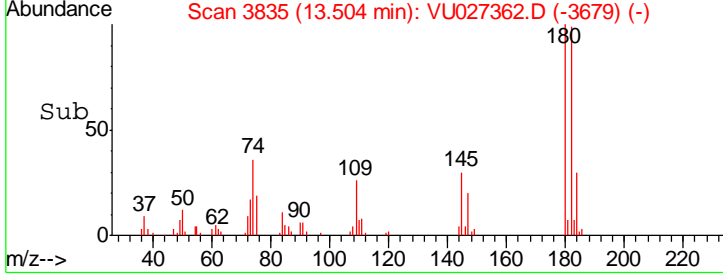
Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02



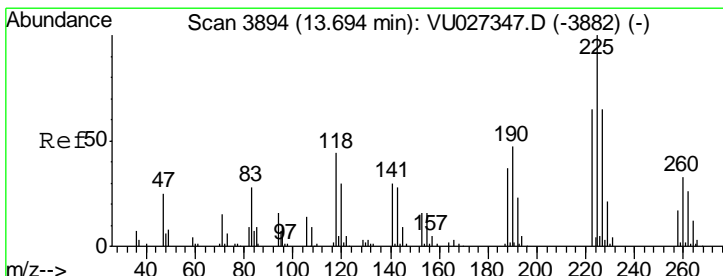
Tgt Ion: 180 Resp: 15547

Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.5	116.3
145	29.5	23.9	35.9

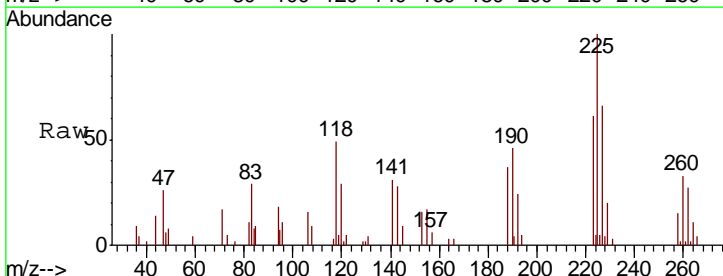
Manual Integrations APPROVED
 apatel
 10/5/2018 11:57:10 AM



apatel
 10/5/2018 11:57:10 AM

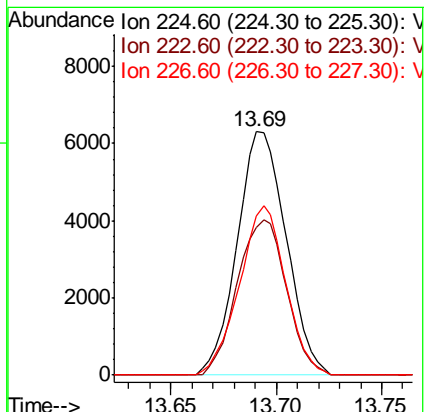
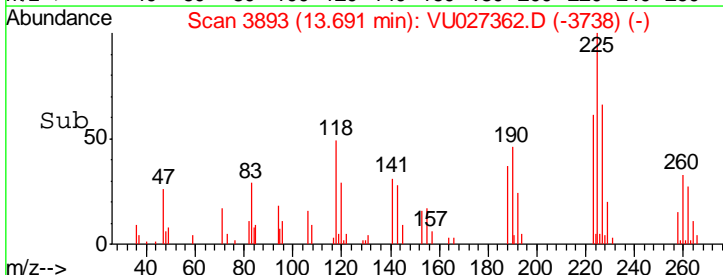


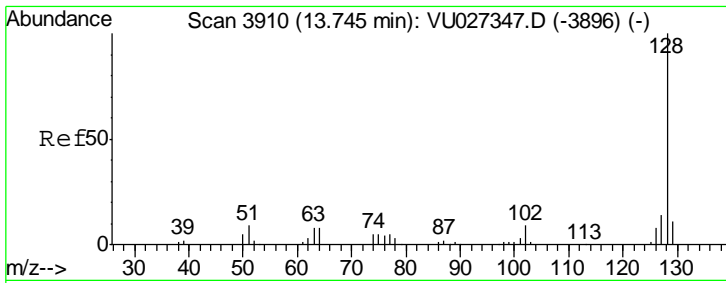
#88
 Hexachlorobutadiene
 Concen: 1.887 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59



Tgt Ion: 225 Resp: 10170

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.0
227	65.7	52.3	78.5



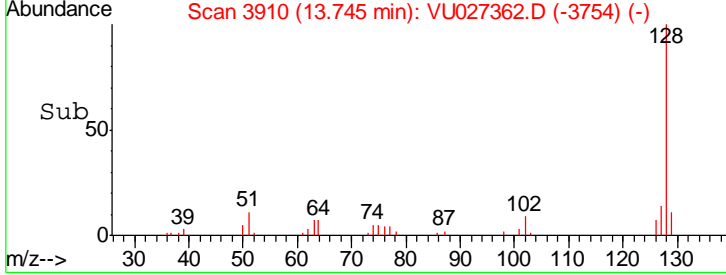
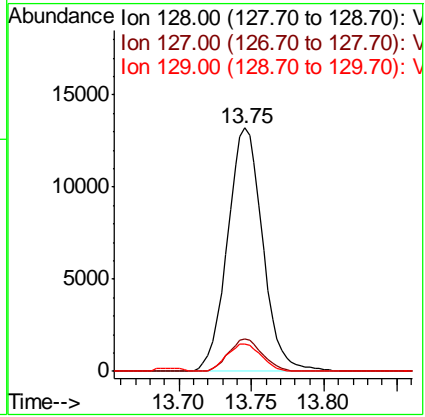
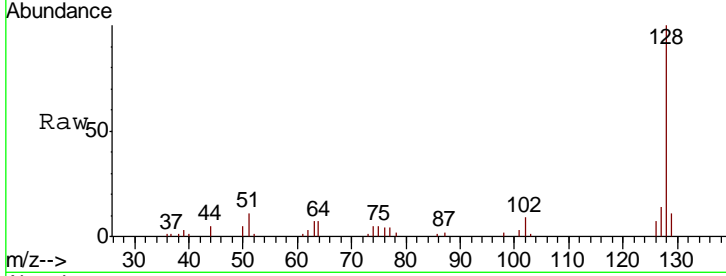


#89
 Naphthalene
 Concen: 1.544 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

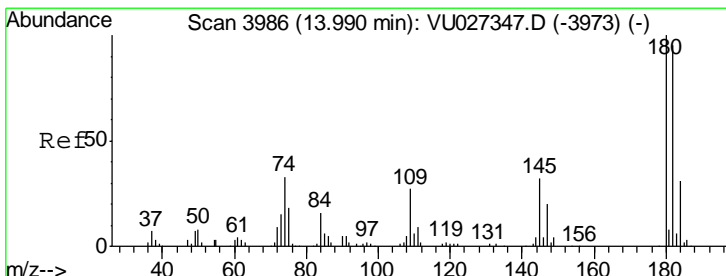
Instrument : MSVOA_U
 Client Sampled : VU1003WBSD02

Tgt Ion	Resp	Lower	Upper
128	22185		
127	12.8	10.7	16.1
129	11.1	8.4	12.6

Manual Integrations
APPROVED
 apatel
 10/5/2018 11:57:10 AM



apatel
 10/5/2018 11:57:10 AM



#90
 1,2,3-Trichlorobenzene
 Concen: 1.761 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027362.D
 Acq: 03 Oct 2018 16:59

Tgt Ion	Resp	Lower	Upper
180	14183		
182	95.9	76.2	114.4
145	31.0	25.8	38.8

