

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU101118\  
 Data File : VU027586.D  
 Acq On : 11 Oct 2018 09:55  
 Operator : MD/SY  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDIC100

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM

Quant Time: Oct 12 09:34:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U101118W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 11 10:06:12 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208500	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	193391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	186957	96.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.48%	
35) Dibromofluoromethane	4.88	113	135140	96.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.76%	
50) Toluene-d8	7.57	98	528474	100.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.56%	
62) 4-Bromofluorobenzene	10.31	95	199073	110.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.66%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	129306	95.63	ug/l	99
3) Chloromethane	1.33	50	202922	96.34	ug/l	100
4) Vinyl Chloride	1.40	62	195991	100.13	ug/l	100
5) Bromomethane	1.60	94	105046	99.74	ug/l	99
6) Chloroethane	1.68	64	115156	83.07	ug/l	96
7) Trichlorofluoromethane	1.88	101	210728	94.81	ug/l	98
8) Diethyl Ether	2.10	74	97499	98.49	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	126485	98.17	ug/l	99
10) Methyl Iodide	2.41	142	157832	134.17	ug/l	99
11) Tert butyl alcohol	2.84	59	232803	511.38	ug/l	99
12) 1,1-Dichloroethene	2.28	96	123663	98.01	ug/l	99
13) Acrolein	2.20	56	186524	515.50	ug/l	98
14) Allyl chloride	2.59	41	328193	111.32	ug/l	90
15) Acrylonitrile	2.94	53	565902	524.69	ug/l	99
16) Acetone	2.32	43	510143	416.81	ug/l	100
17) Carbon Disulfide	2.47	76	430052	100.34	ug/l	100
18) Methyl Acetate	2.62	43	282165	96.55	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	496103	104.16	ug/l	99
20) Methylene Chloride	2.70	84	156866	94.25	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	139569	100.78	ug/l	98
22) Diisopropyl ether	3.58	45	591637	102.05	ug/l	99
23) Vinyl Acetate	3.53	43	2609736	545.06	ug/l	99
24) 1,1-Dichloroethane	3.45	63	307511	99.17	ug/l	100
25) 2-Butanone	4.27	43	831914	513.88	ug/l	98
26) 2,2-Dichloropropane	4.23	77	240240	95.33	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	158739	105.09	ug/l	99
28) Bromochloromethane	4.55	49	152145	99.35	ug/l	98
29) Tetrahydrofuran	4.64	42	531603	528.61	ug/l	99
30) Chloroform	4.67	83	272715	98.96	ug/l	100
31) Cyclohexane	5.00	56	289763	78.24	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	233312	100.92	ug/l	99
36) 1,1-Dichloropropene	5.14	75	215876	103.56	ug/l	99
37) Ethyl Acetate	4.38	43	298289	108.23	ug/l	99
38) Carbon Tetrachloride	5.13	117	197603	102.30	ug/l	98

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Quant Time: Oct 12 09:34:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U101118W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 11 10:06:12 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	255587	111.66	ug/l	98
40) Benzene	5.39	78	632681	98.65	ug/l	99
41) Methacrylonitrile	4.54	41	166398	111.69	ug/l	99
42) 1,2-Dichloroethane	5.40	62	234975	99.06	ug/l	99
43) Isopropyl Acetate	5.55	43	463656	109.45	ug/l	100
44) Trichloroethene	6.19	130	144017	103.43	ug/l	99
45) 1,2-Dichloropropane	6.43	63	182277	100.76	ug/l	97
46) Dibromomethane	6.56	93	106712	99.77	ug/l	98
47) Bromodichloromethane	6.76	83	217046	101.37	ug/l	100
48) Methyl methacrylate	6.62	41	239118	118.01	ug/l	99
49) 1,4-Dioxane	6.62	88	89563	2228.99	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1553645	546.94	ug/l	99
52) Toluene	7.64	92	380112	106.46	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	265639	113.96	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	277204	106.79	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	151285	100.78	ug/l	99
56) Ethyl methacrylate	8.02	69	275679	122.78	ug/l	98
57) 1,3-Dichloropropane	8.24	76	290015	102.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	772636	583.25	ug/l	99
59) 2-Hexanone	8.37	43	1243411	567.95	ug/l	99
60) Dibromochloromethane	8.48	129	159052	109.43	ug/l	99
61) 1,2-Dibromoethane	8.59	107	162012	103.59	ug/l	99
64) Tetrachloroethene	8.23	164	120350	100.17	ug/l	99
65) Chlorobenzene	9.12	112	400664	100.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	142976	106.91	ug/l	98
67) Ethyl Benzene	9.25	91	740829	111.97	ug/l	100
68) m/p-Xylenes	9.38	106	547773	228.65	ug/l	98
69) o-Xylene	9.78	106	266411	114.66	ug/l	99
70) Styrene	9.79	104	450942	120.62	ug/l	99
71) Bromoform	9.96	173	123820	115.17	ug/l #	100
73) Isopropylbenzene	10.17	105	715285	105.40	ug/l	99
74) N-amyl acetate	10.02	43	441684	113.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	277557	90.18	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	237937m	79.93	ug/l	
77) Bromobenzene	10.45	156	167302	98.49	ug/l	98
78) n-propylbenzene	10.59	91	880778	107.51	ug/l	99
79) 2-Chlorotoluene	10.66	91	509579	98.49	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	604917	109.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	111005m	45.04	ug/l	
82) 4-Chlorotoluene	10.77	91	601828	107.27	ug/l	98
83) tert-Butylbenzene	11.10	119	586914	106.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	624179	112.77	ug/l	99
85) sec-Butylbenzene	11.32	105	739475	112.83	ug/l	99
86) p-Isopropyltoluene	11.48	119	644719	114.47	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	316904	101.50	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	320638	94.87	ug/l	100
89) n-Butylbenzene	11.89	91	618876	123.38	ug/l	99
90) Hexachloroethane	12.15	117	115109	102.11	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	318974	100.86	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	66393	103.59	ug/l	98

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 ClientSampleId :  
 VSTDICC100

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	217790	125.28	ug/l	100
94) Hexachlorobutadiene	13.69	225	103484	102.90	ug/l	99
95) Naphthalene	13.74	128	762916	132.35	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	224085	111.72	ug/l	99

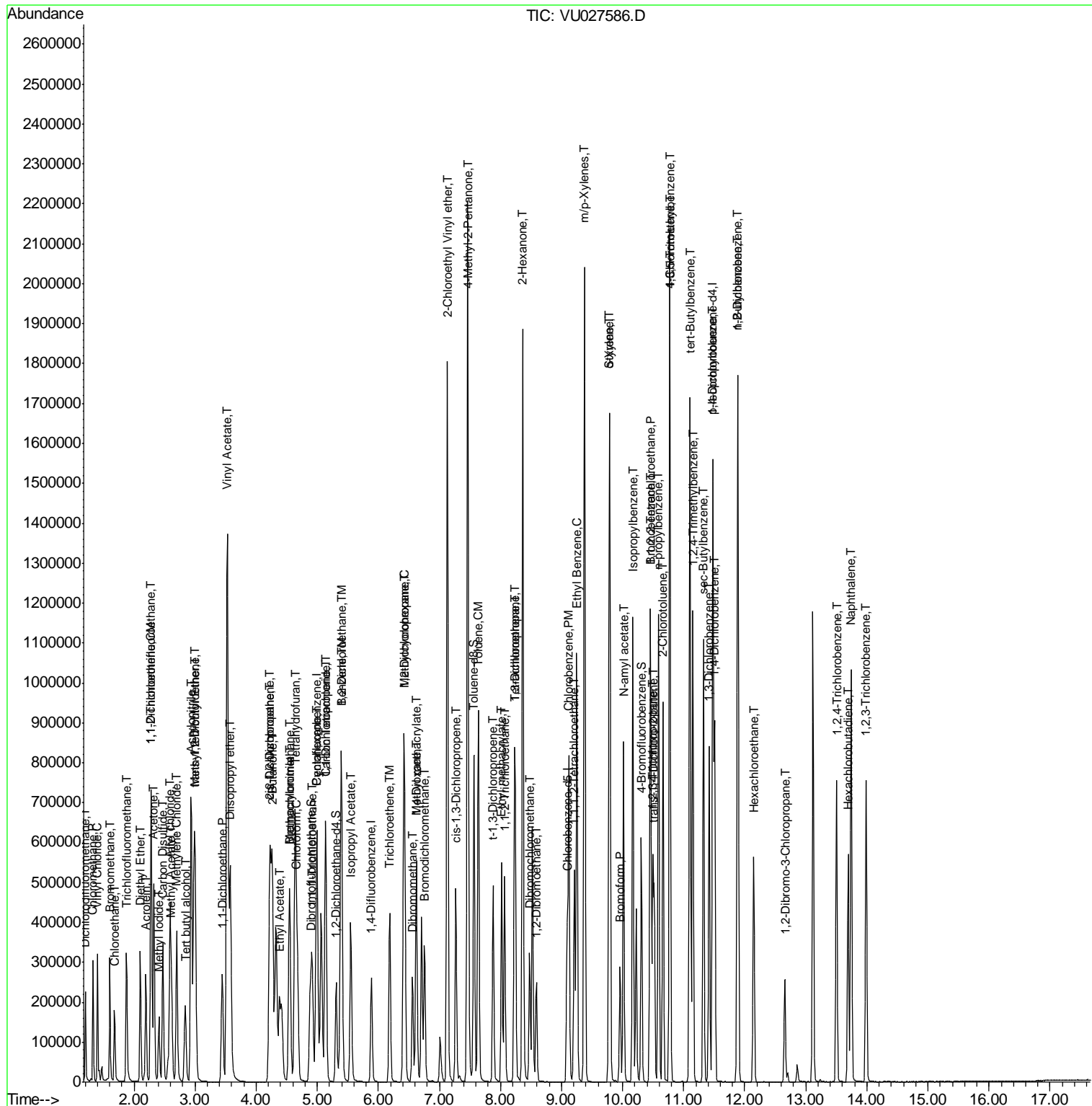
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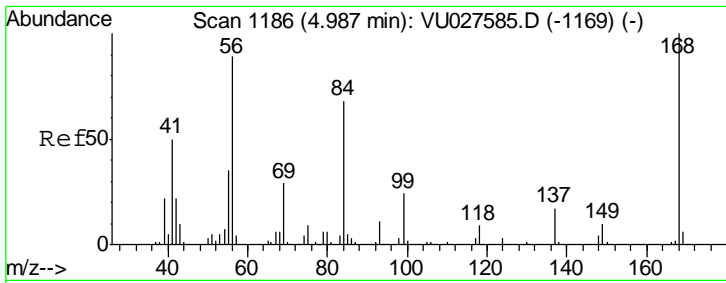
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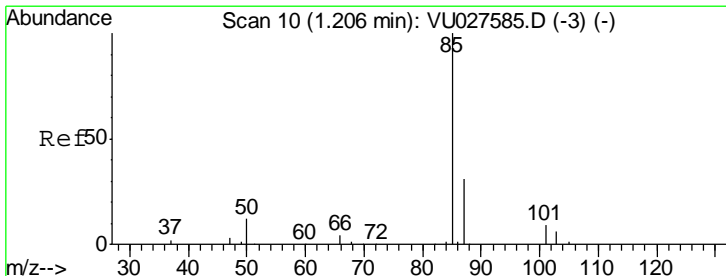
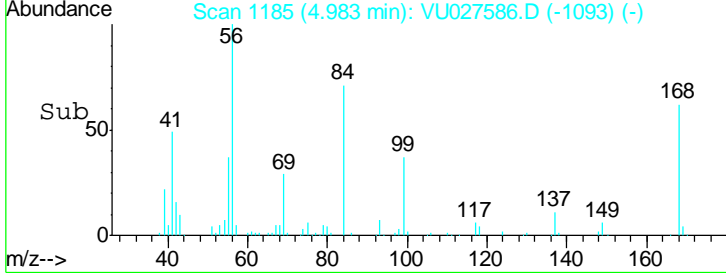
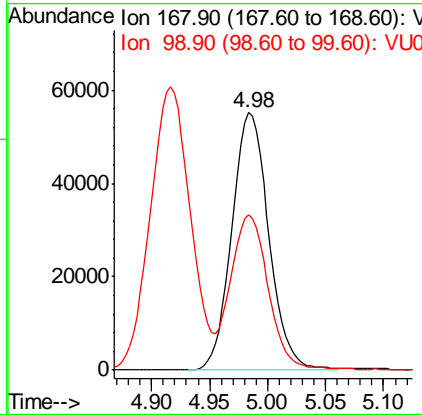
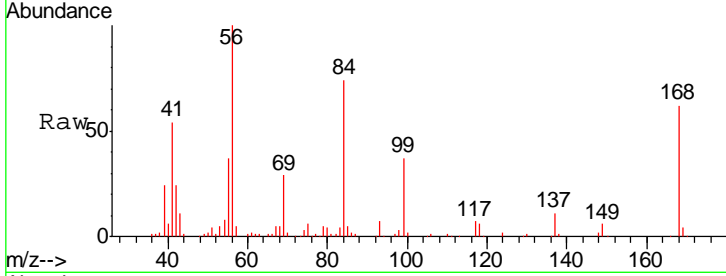


#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 4.98 min Scan# 1185  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

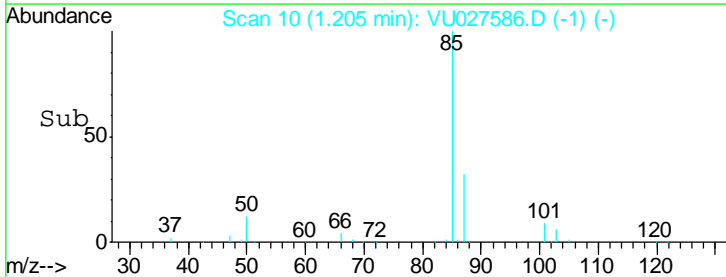
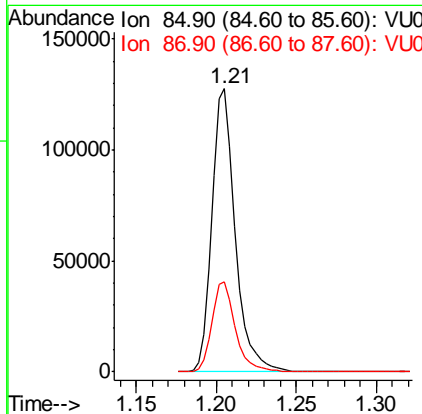
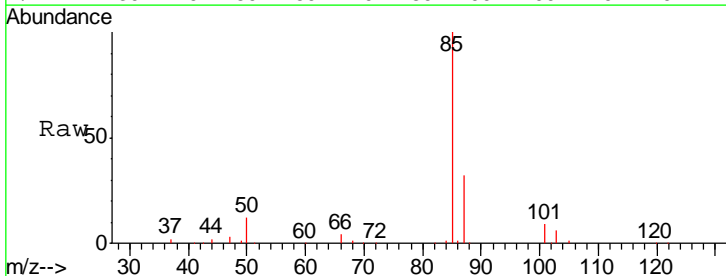
Tgt Ion	Resp	Lower	Upper
168	122106		
168	100		
99	59.6	50.8	76.2

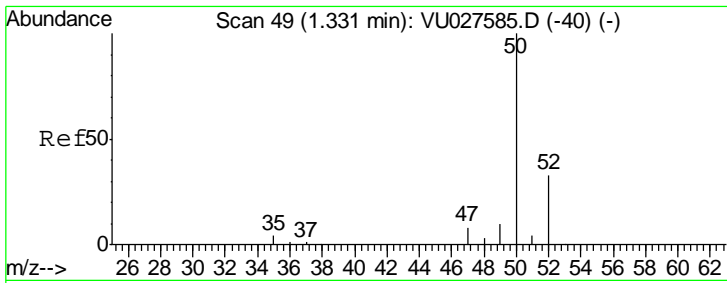
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#2  
 Dichlorodifluoromethane  
 Concen: 95.63 ug/l  
 RT: 1.21 min Scan# 10  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
85	129306		
85	100		
87	32.0	15.7	47.1



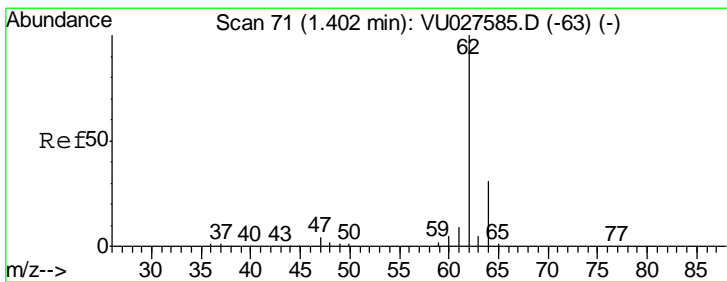
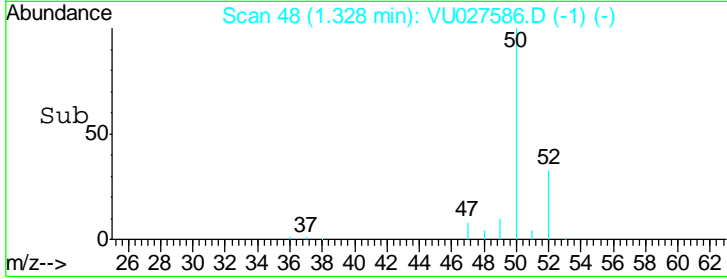
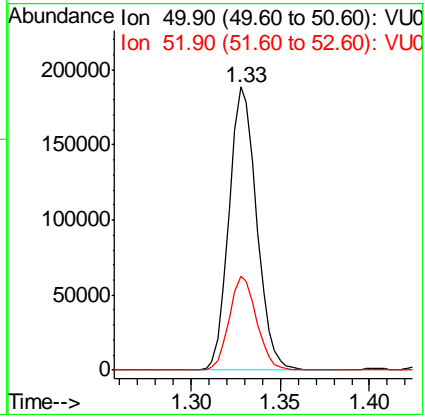
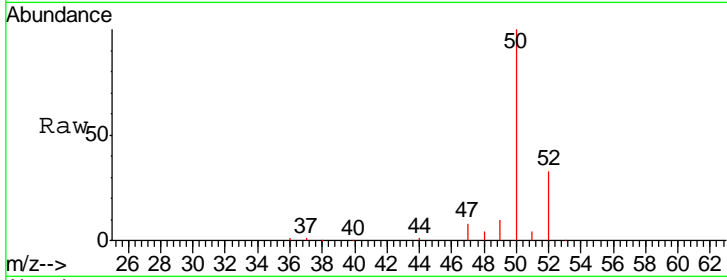


#3  
 Chloromethane  
 Concen: 96.34 ug/l  
 RT: 1.33 min Scan# 48  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

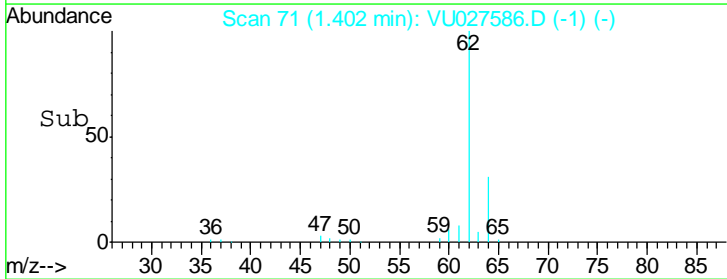
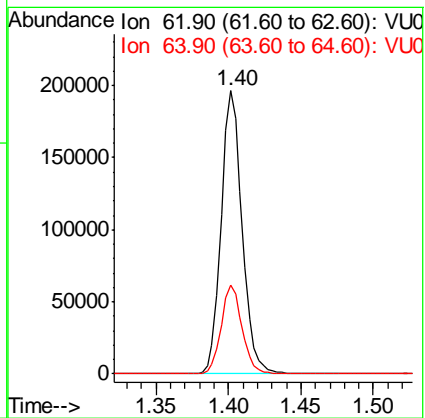
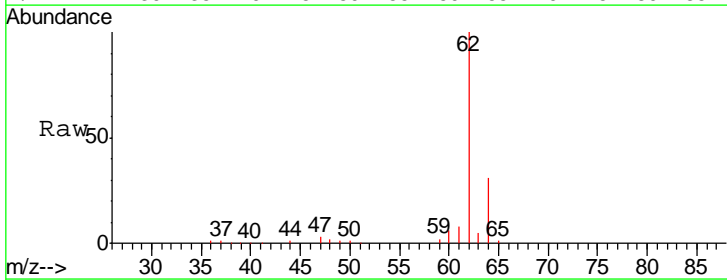
Tgt Ion	Resp	Lower	Upper
50	100		
52	33.1	26.5	39.7

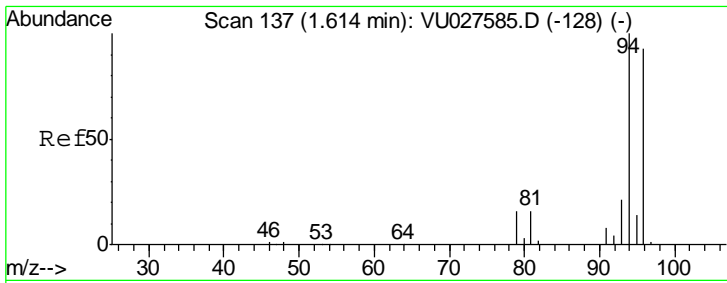
Manual Integrations  
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#4  
 Vinyl Chloride  
 Concen: 100.13 ug/l  
 RT: 1.40 min Scan# 71  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
62	100		
64	31.3	24.9	37.3



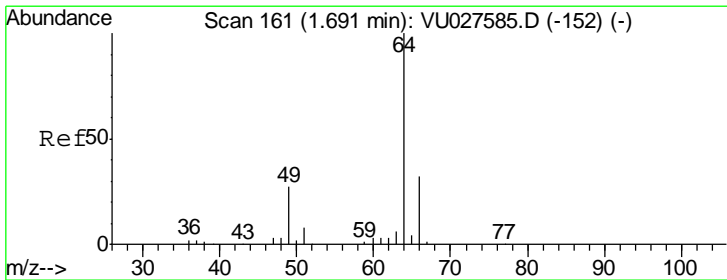
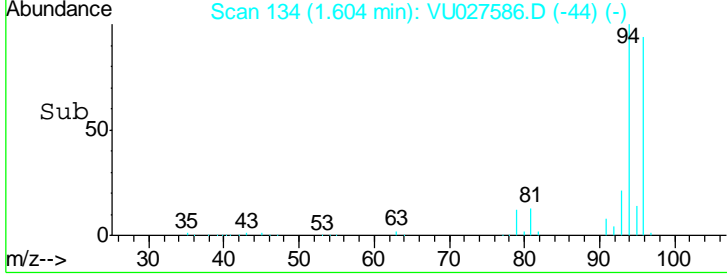
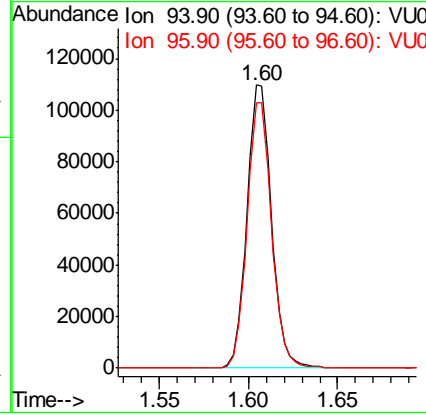
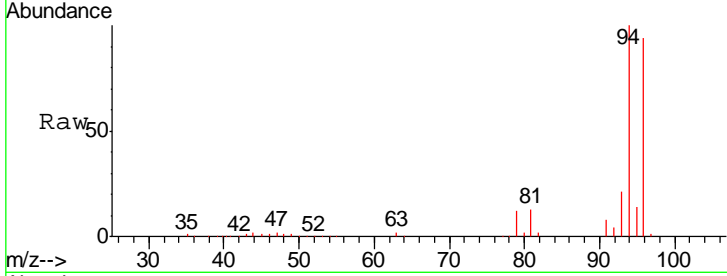


#5  
 Bromomethane  
 Concen: 99.74 ug/l  
 RT: 1.60 min Scan# 134  
 Delta R.T. -0.01 min  
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Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

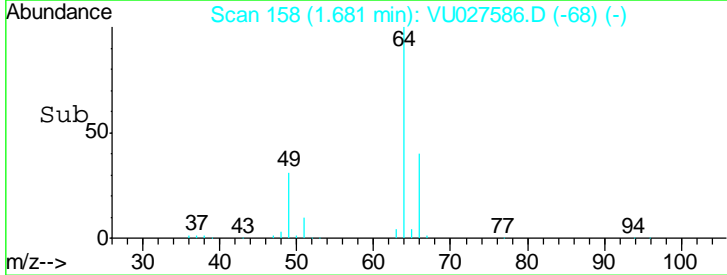
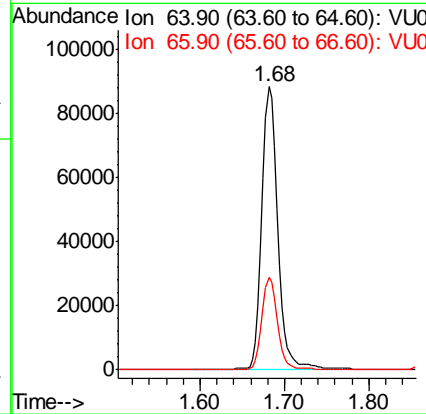
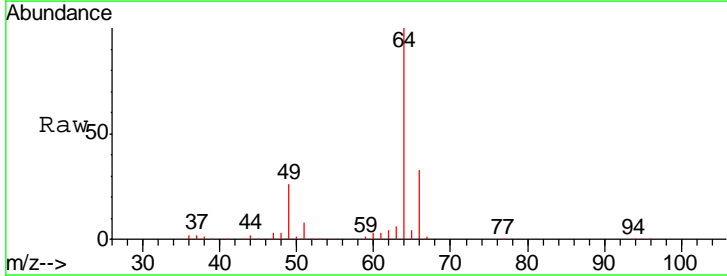
Tgt Ion	Resp	Lower	Upper
94	105046		
96	93.8	74.6	111.8

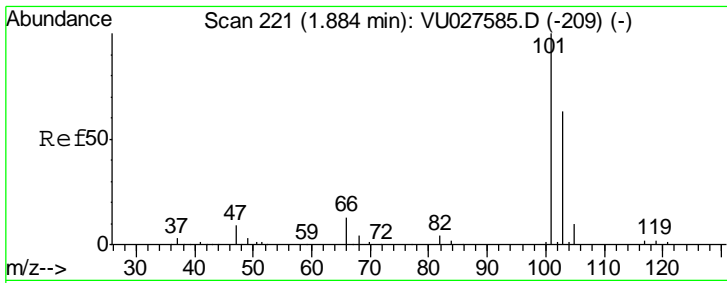
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#6  
 Chloroethane  
 Concen: 83.07 ug/l  
 RT: 1.68 min Scan# 158  
 Delta R.T. -0.01 min  
 Lab File: VU027586.D  
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Tgt Ion	Resp	Lower	Upper
64	115156		
66	32.7	24.6	36.8



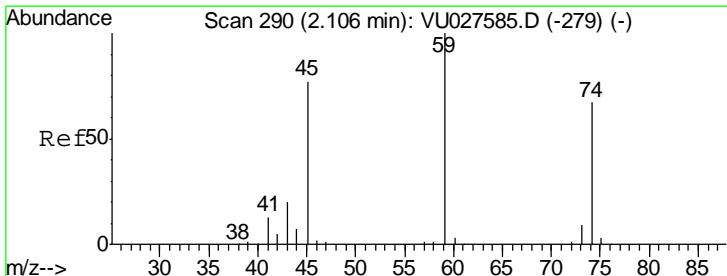
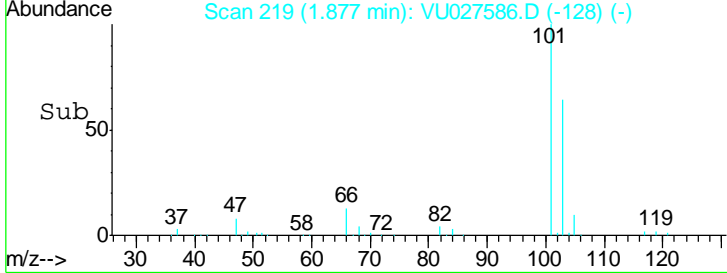
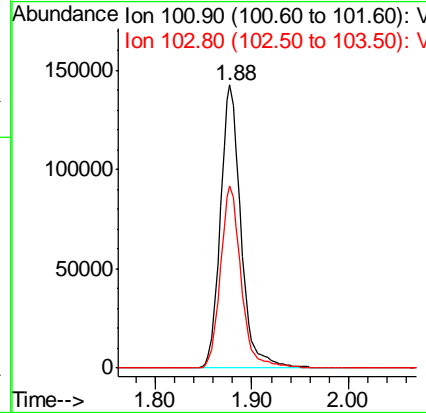
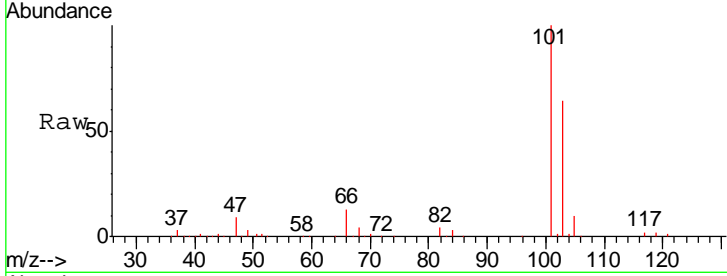


#7  
 Trichlorofluoromethane  
 Concen: 94.81 ug/l  
 RT: 1.88 min Scan# 219  
 Delta R.T. -0.01 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

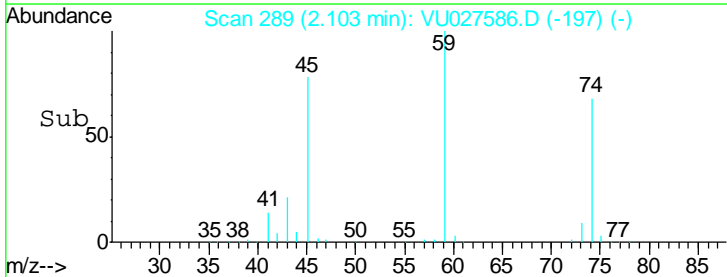
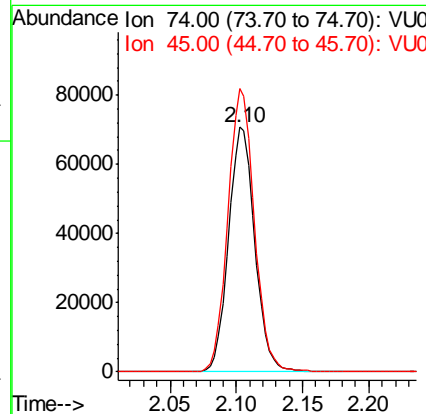
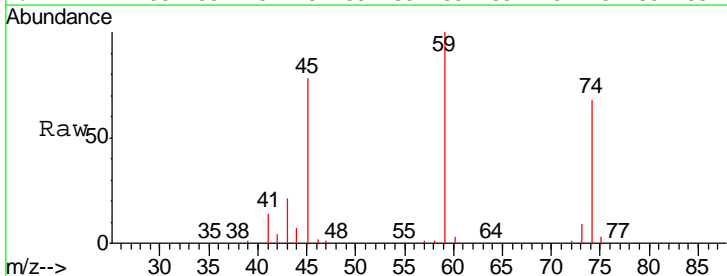
Tgt Ion:101 Resp: 210728  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 52.6 78.8

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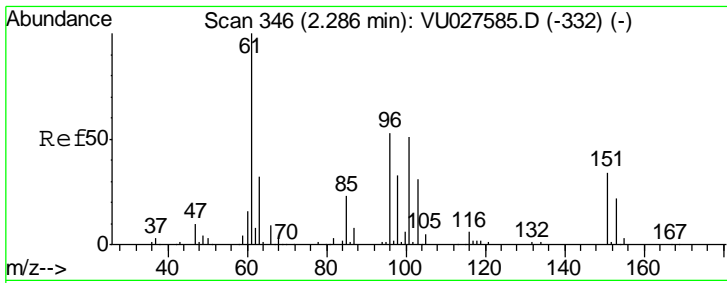


#8  
 Diethyl Ether  
 Concen: 98.49 ug/l  
 RT: 2.10 min Scan# 289  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 74 Resp: 97499  
 Ion Ratio Lower Upper  
 74 100  
 45 116.7 60.4 181.1







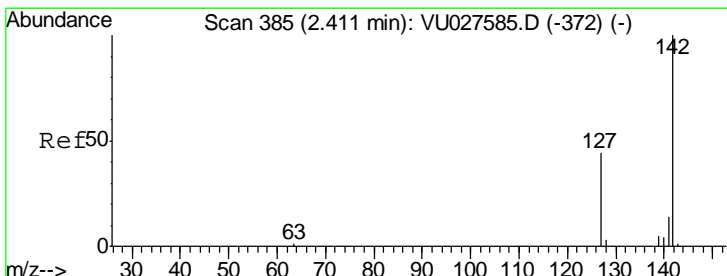
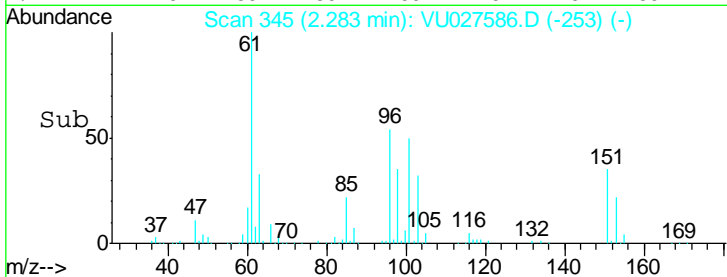
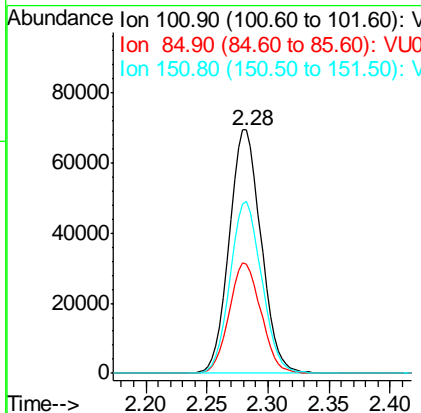
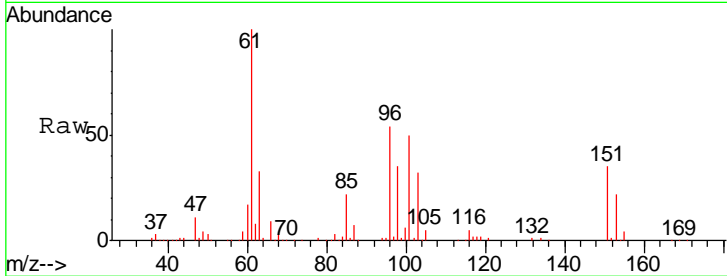
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 98.17 ug/l  
 RT: 2.28 min Scan# 345  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
101	126485		
101	100		
85	45.3	37.5	56.3
151	70.2	55.6	83.4

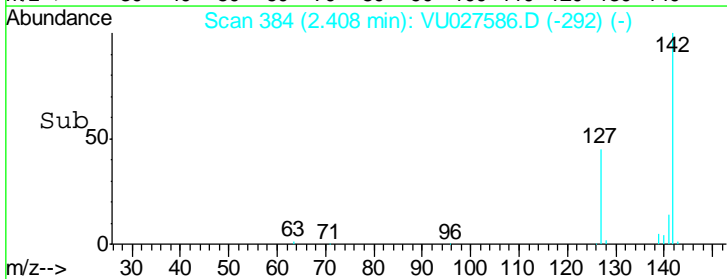
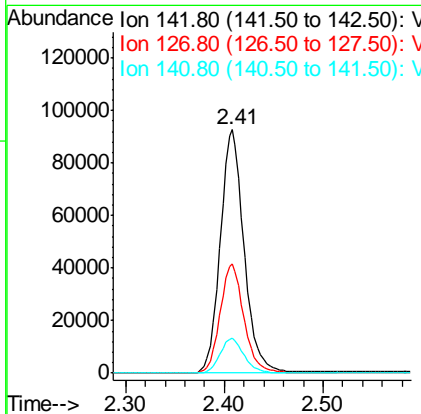
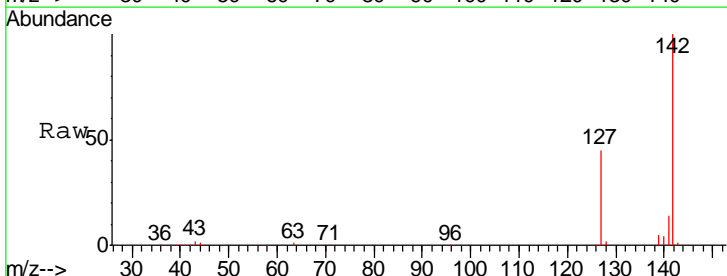
Manual Integrations  
 APPROVED

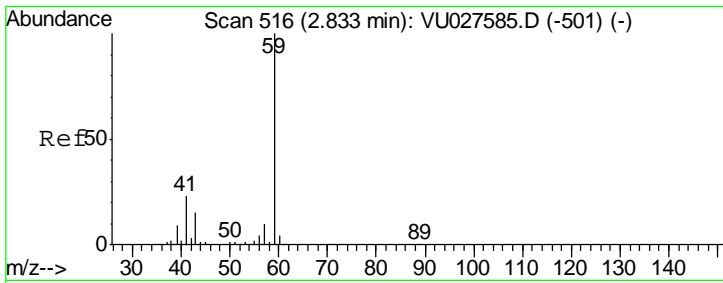
MMDadoda  
 10/16/2018 2:22:53 PM



#10  
 Methyl Iodide  
 Concen: 134.17 ug/l  
 RT: 2.41 min Scan# 384  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
142	157832		
142	100		
127	44.6	36.3	54.5
141	14.3	11.6	17.4





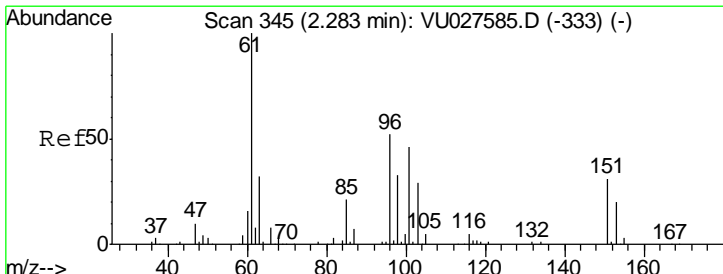
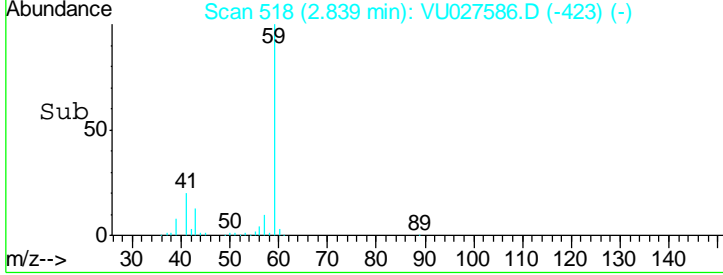
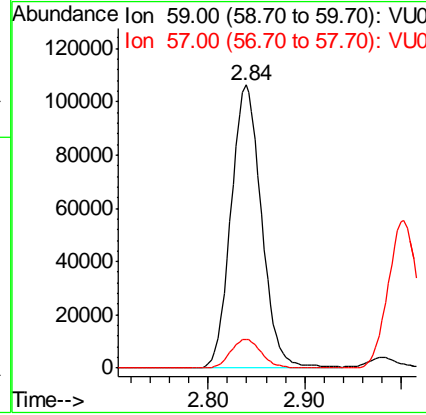
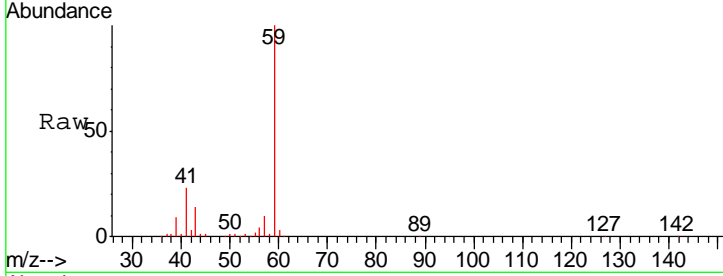
#11  
 Tert butyl alcohol  
 Concen: 511.38 ug/l  
 RT: 2.84 min Scan# 518  
 Delta R.T. 0.01 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
59	100		
57	10.2	8.4	12.6

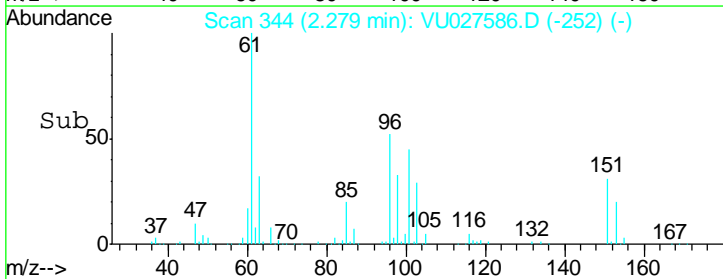
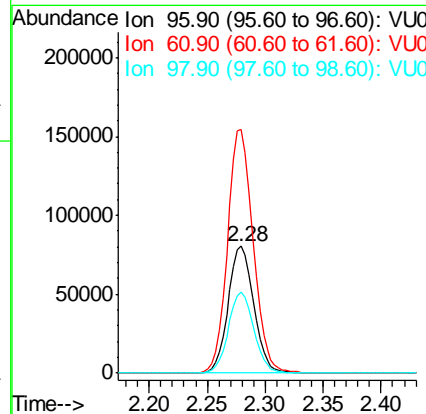
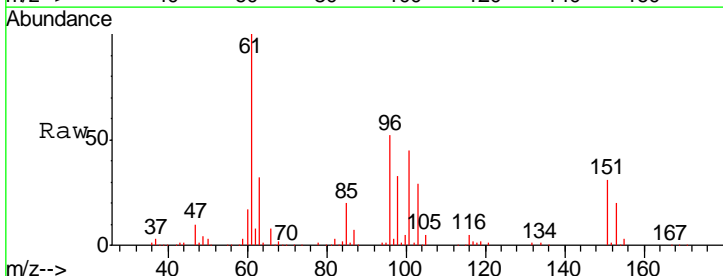
Manual Integrations  
 APPROVED

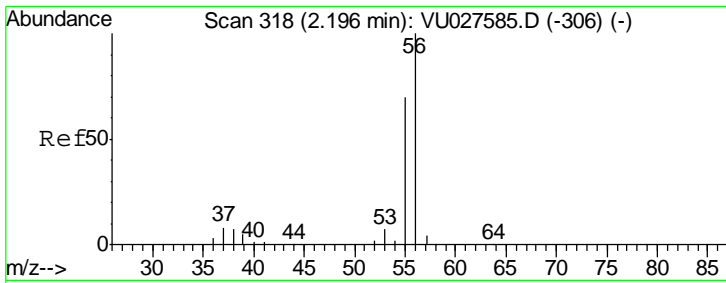
MMDadoda  
 10/16/2018 2:22:53 PM



#12  
 1,1-Dichloroethene  
 Concen: 98.01 ug/l  
 RT: 2.28 min Scan# 344  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
96	100		
61	191.6	153.0	229.6
98	63.4	49.3	73.9



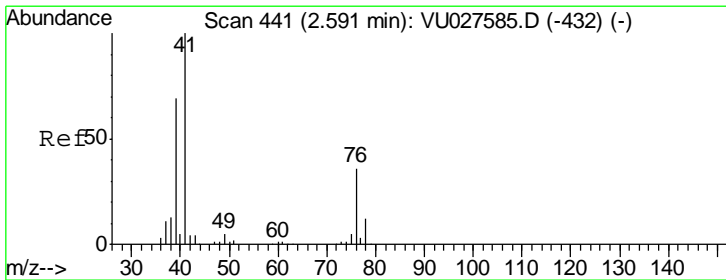
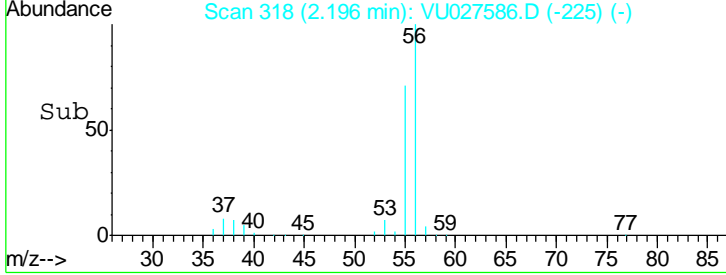
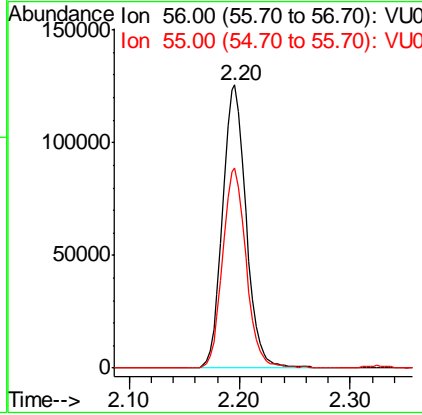
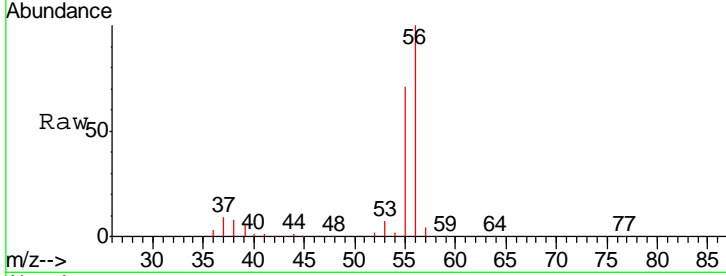


#13  
 Acrolein  
 Concen: 515.50 ug/l  
 RT: 2.20 min Scan# 318  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

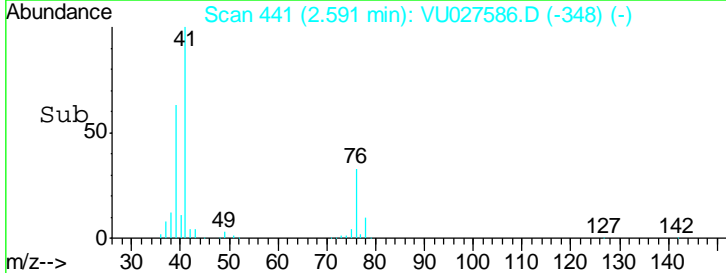
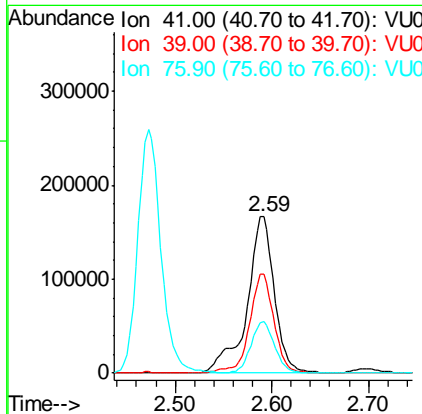
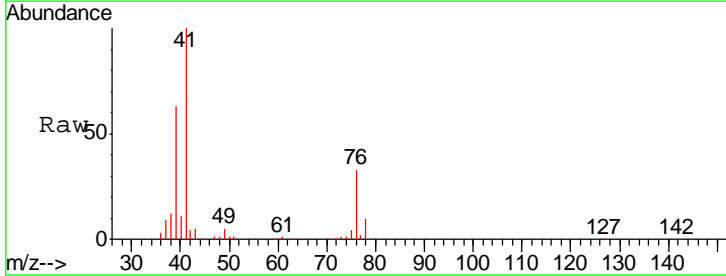
Tgt Ion	Resp	Lower	Upper
56	186524		
55	70.7	57.7	86.5

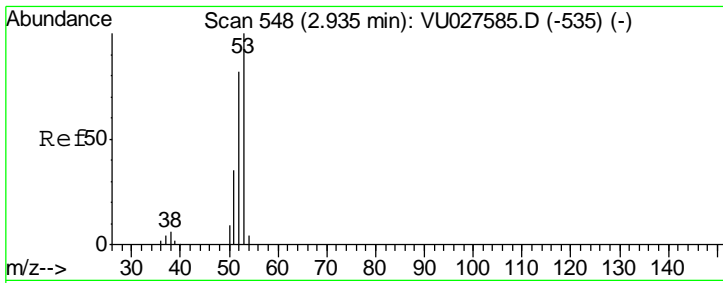
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#14  
 Allyl chloride  
 Concen: 111.32 ug/l  
 RT: 2.59 min Scan# 441  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
41	328193		
39	56.5	51.8	77.8
76	27.9	25.9	38.9





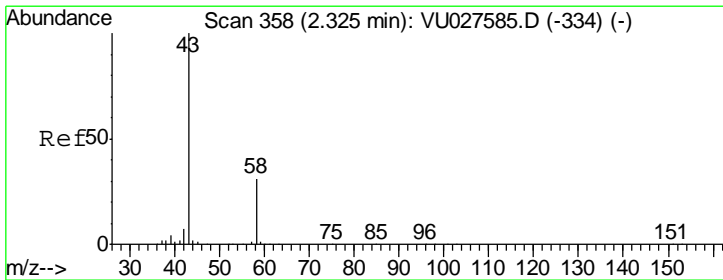
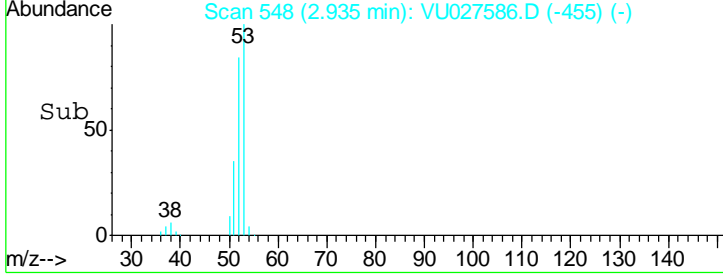
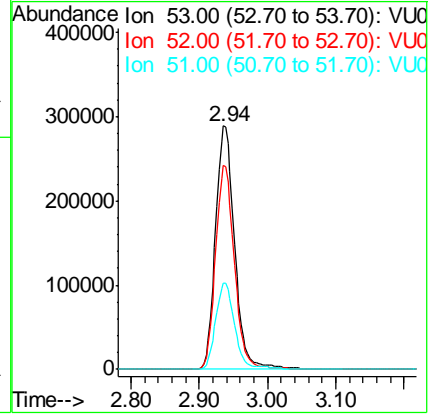
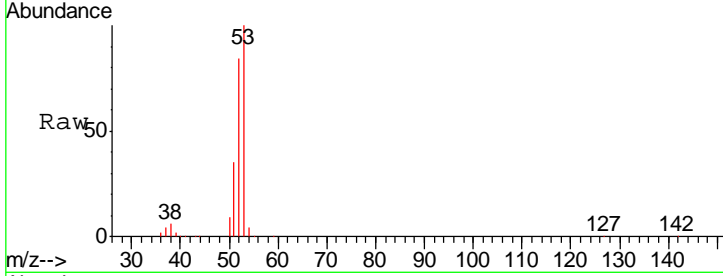
#15  
 Acrylonitrile  
 Concen: 524.69 ug/l  
 RT: 2.94 min Scan# 548  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDICC100

Tgt Ion	Resp	Lower	Upper
53	100		
52	82.4	66.5	99.7
51	35.6	27.6	41.4

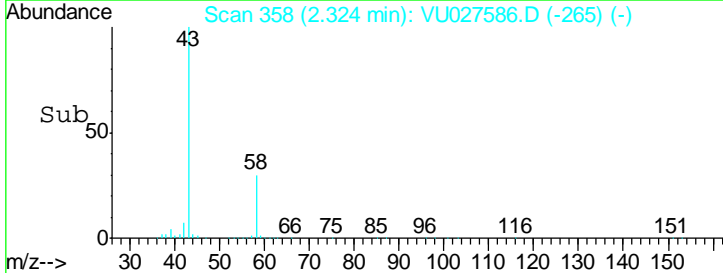
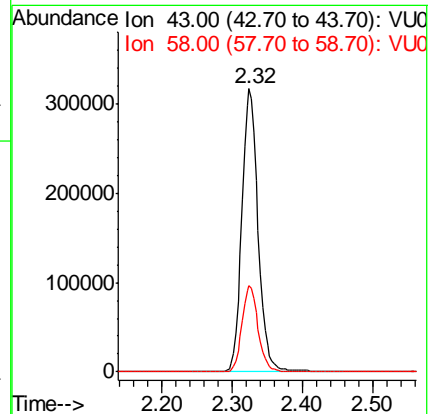
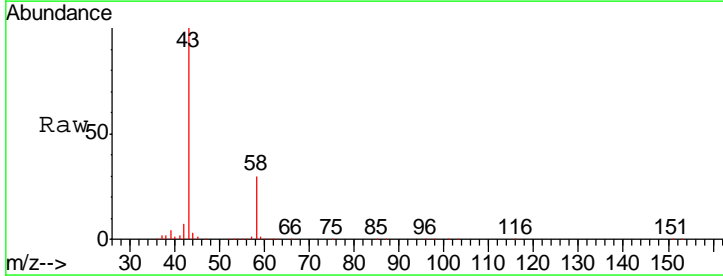
**Manual Integrations**  
**APPROVED**

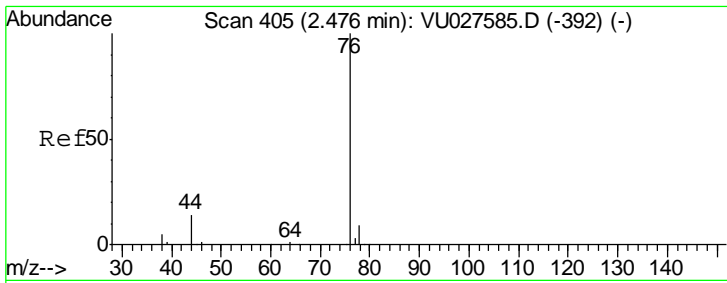
MMDadoda  
 10/16/2018 2:22:53 PM



#16  
 Acetone  
 Concen: 416.81 ug/l  
 RT: 2.32 min Scan# 358  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
43	100		
58	30.4	24.2	36.4



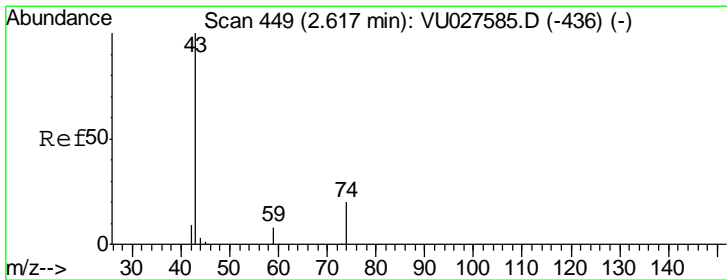
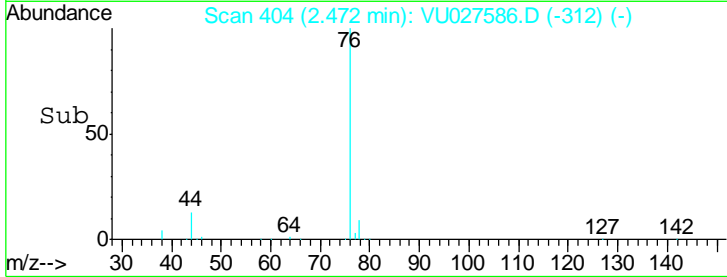
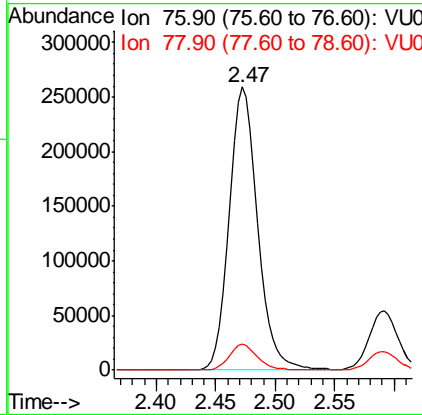
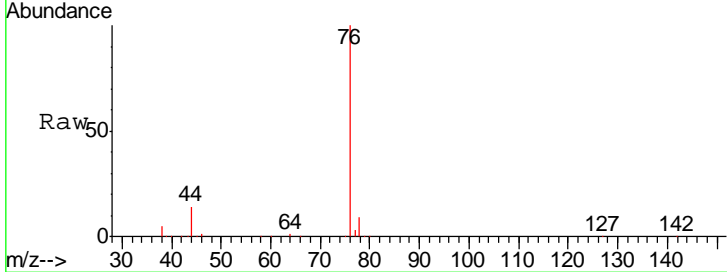


#17  
 Carbon Disulfide  
 Concen: 100.34 ug/l  
 RT: 2.47 min Scan# 404  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

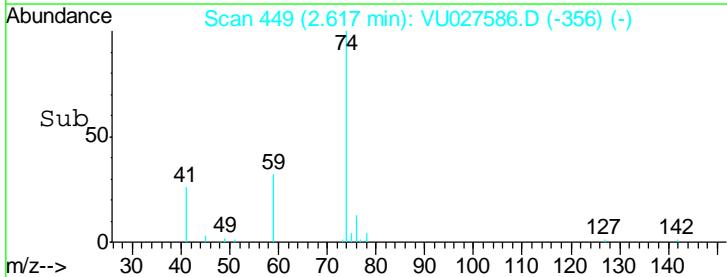
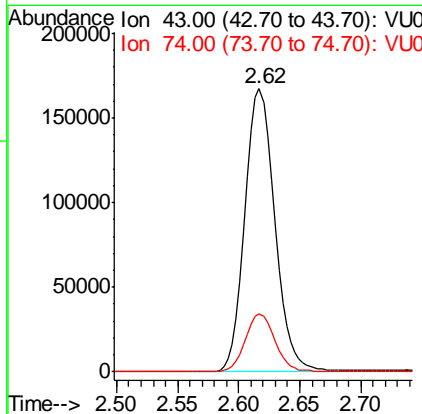
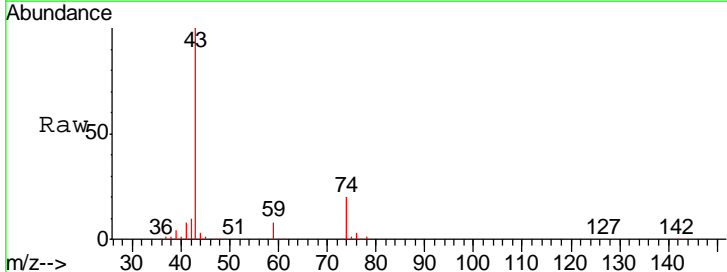
Tgt Ion	Resp	Lower	Upper
76	430052		
76	100		
78	9.1	7.3	10.9

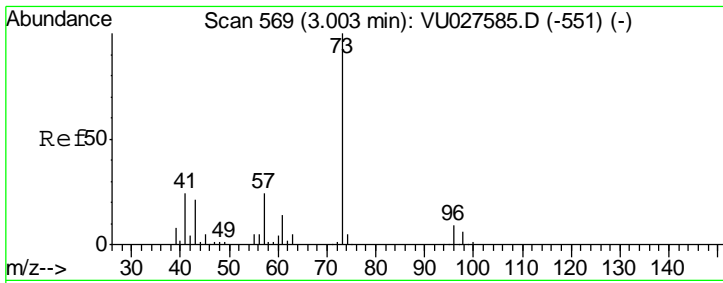
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#18  
 Methyl Acetate  
 Concen: 96.55 ug/l  
 RT: 2.62 min Scan# 449  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
43	282165		
43	100		
74	20.4	16.5	24.7





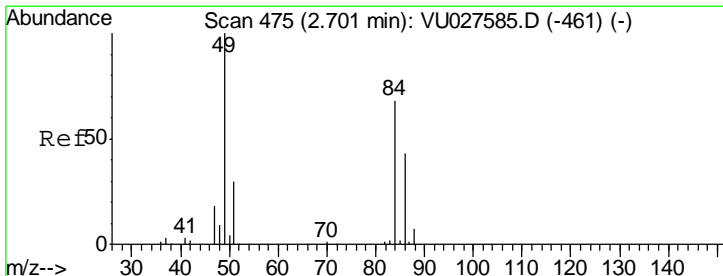
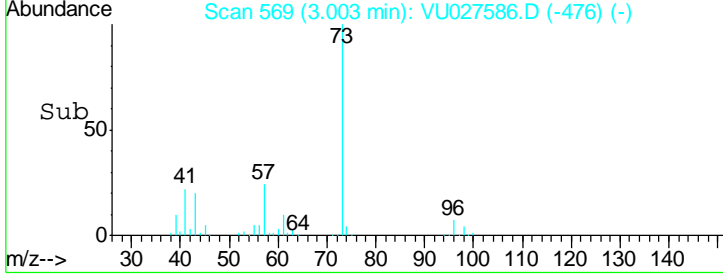
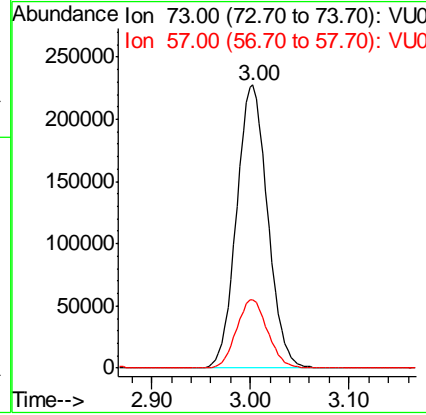
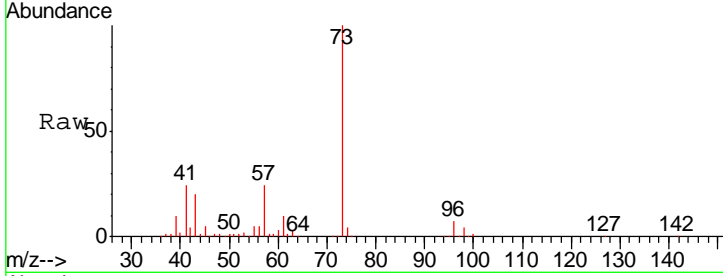
#19  
 Methyl tert-butyl Ether  
 Concen: 104.16 ug/l  
 RT: 3.00 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDIC100

Tgt Ion	Resp	Lower	Upper
73	496103		
57	24.3	20.0	30.0

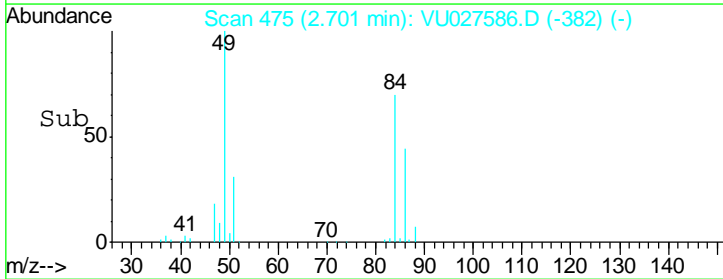
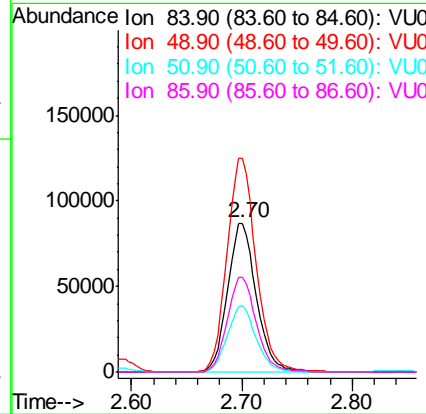
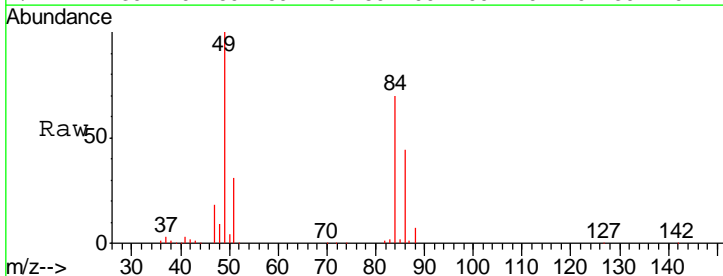
**Manual Integrations**  
**APPROVED**

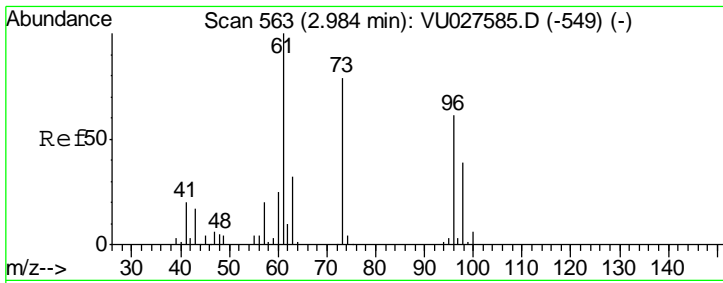
MMDadoda  
 10/16/2018 2:22:53 PM



#20  
 Methylene Chloride  
 Concen: 94.25 ug/l  
 RT: 2.70 min Scan# 475  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
84	156866		
49	143.6	120.5	180.7
51	44.4	35.1	52.7
86	63.6	50.5	75.7





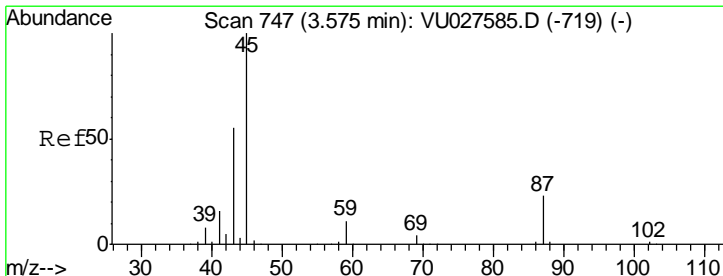
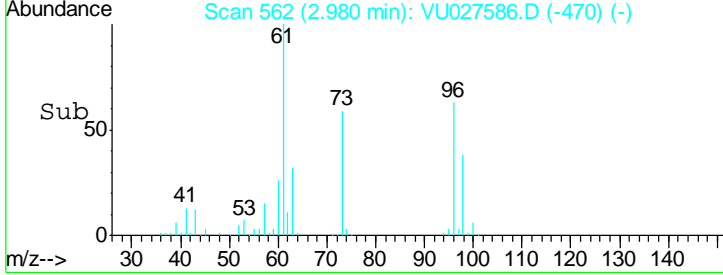
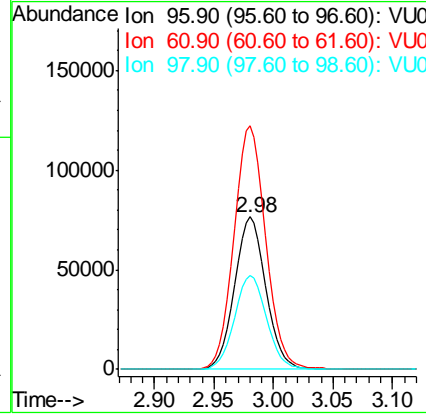
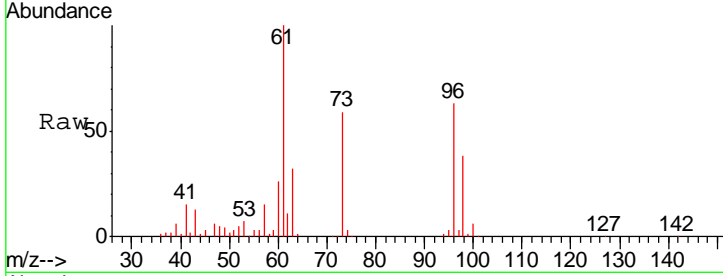
#21  
 trans-1,2-Dichloroethene  
 Concen: 100.78 ug/l  
 RT: 2.98 min Scan# 562  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampleID : VSTDIC100

Tgt Ion	Resp	Lower	Upper
96	139569		
61	159.6	129.4	194.2
98	61.4	51.2	76.8

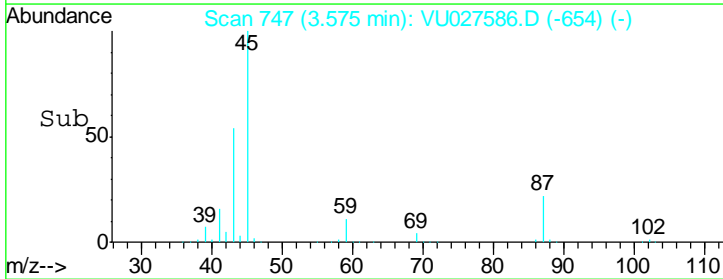
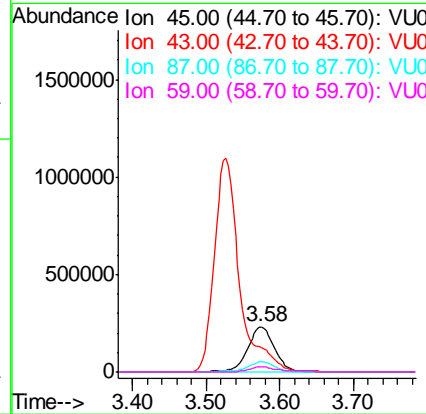
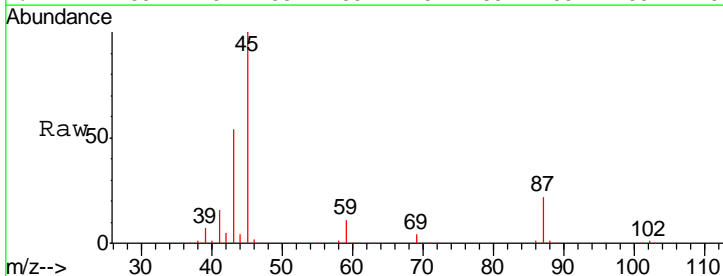
Manual Integrations  
 APPROVED

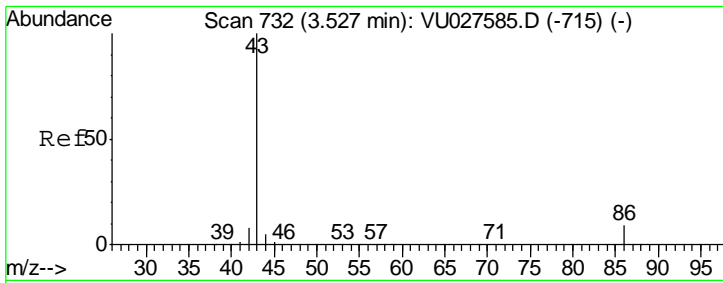
MMDadoda  
 10/16/2018 2:22:53 PM



#22  
 Diisopropyl ether  
 Concen: 102.05 ug/l  
 RT: 3.58 min Scan# 747  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
45	591637		
43	53.5	43.4	65.2
87	22.2	17.5	26.3
59	11.1	8.6	13.0





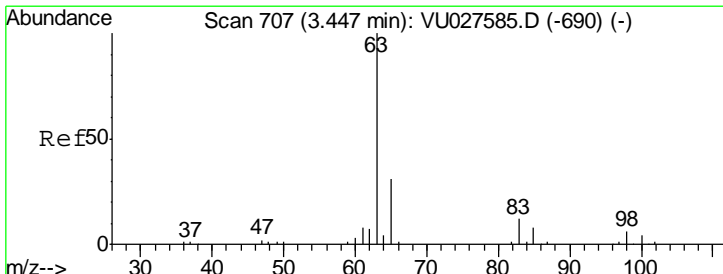
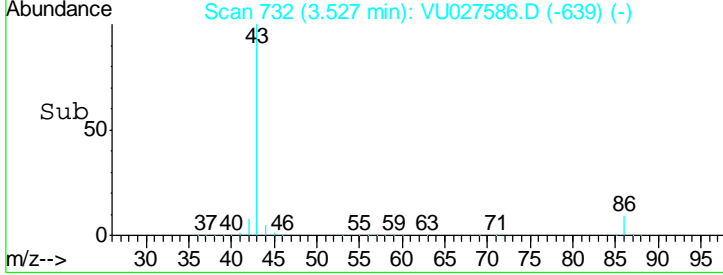
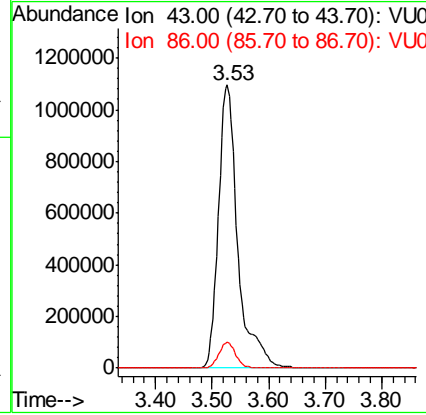
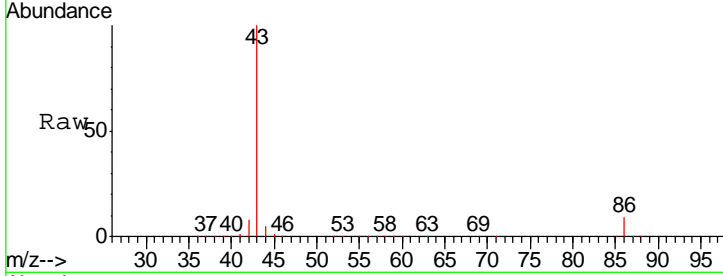
#23  
 Vinyl Acetate  
 Concen: 545.06 ug/l  
 RT: 3.53 min Scan# 732  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDIC100

Tgt Ion: 43 Resp: 2609736

Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.0	10.4

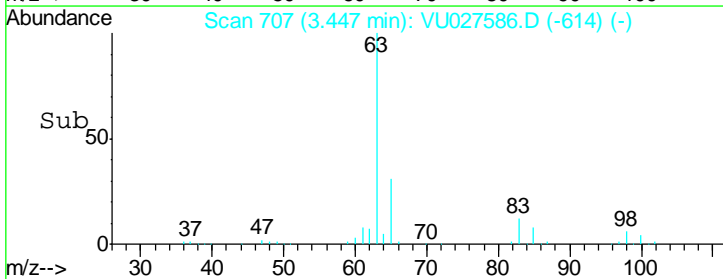
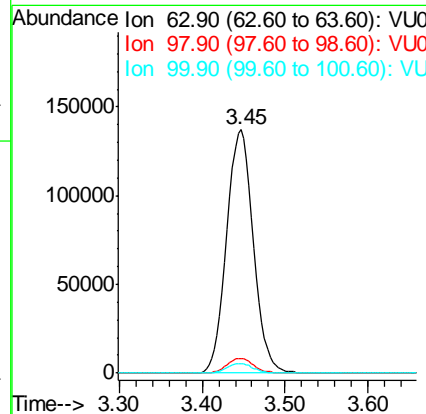
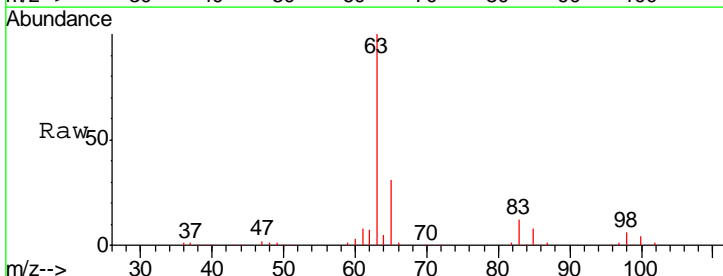
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



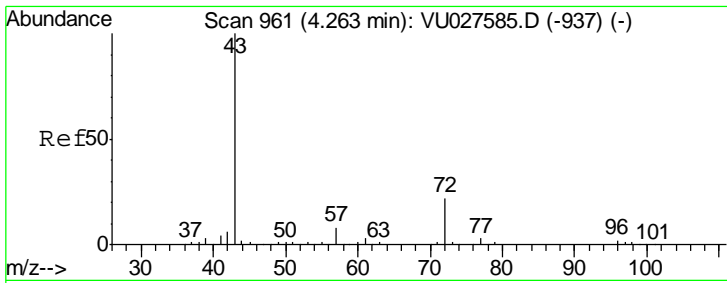
#24  
 1,1-Dichloroethane  
 Concen: 99.17 ug/l  
 RT: 3.45 min Scan# 707  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 63 Resp: 307511

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.0	9.2
100	3.8	1.8	5.5





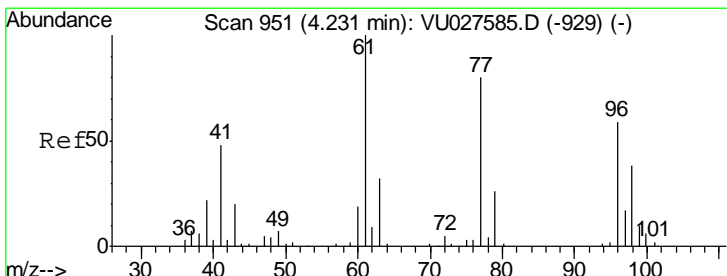
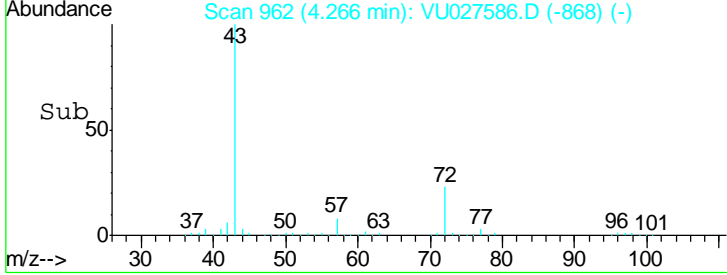
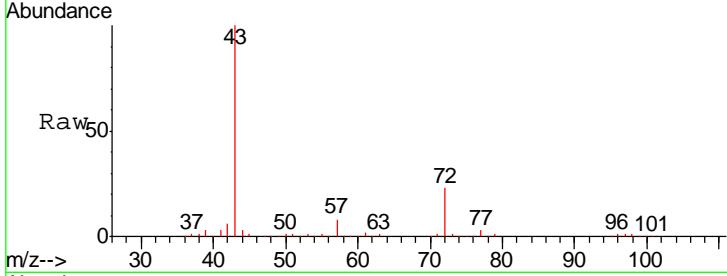


#25  
 2-Butanone  
 Concen: 513.88 ug/l  
 RT: 4.27 min Scan# 962  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

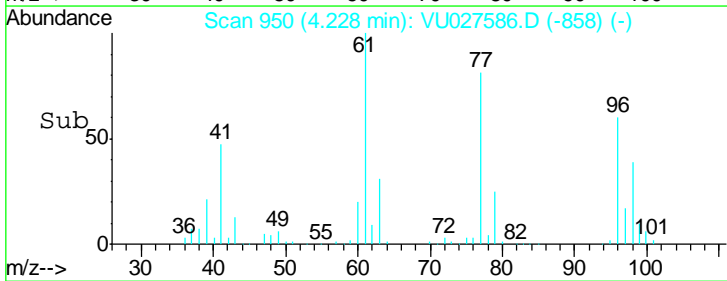
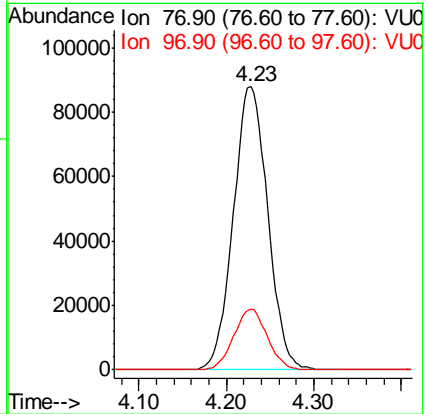
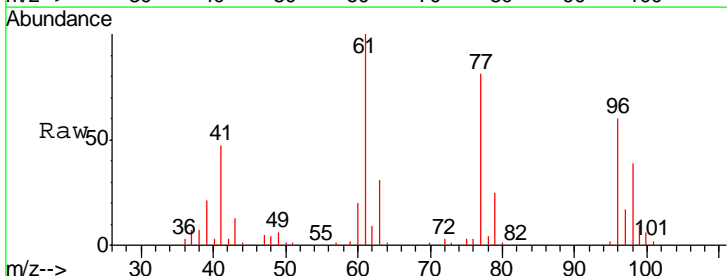
Tgt Ion	Resp	Lower	Upper
43	100		
72	23.1	17.8	26.6

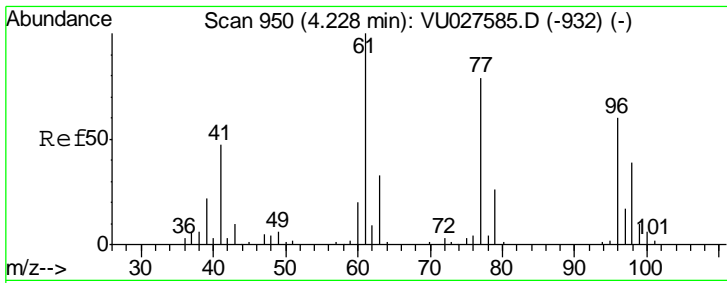
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#26  
 2,2-Dichloropropane  
 Concen: 95.33 ug/l  
 RT: 4.23 min Scan# 950  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
77	100		
97	20.9	10.4	31.1





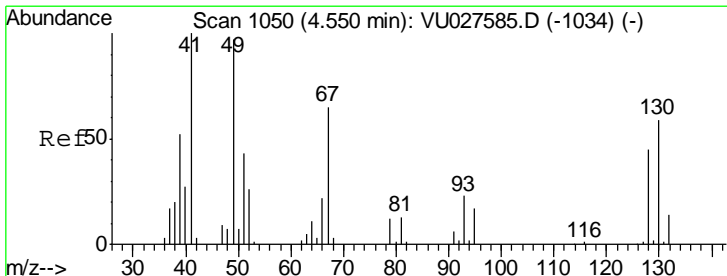
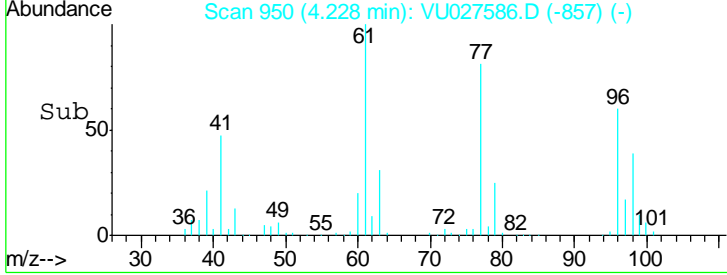
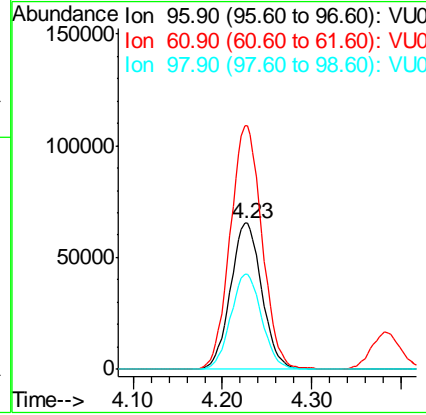
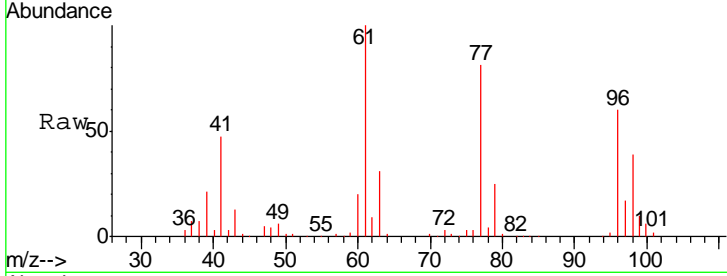
#27  
 cis-1,2-Dichloroethene  
 Concen: 105.09 ug/l  
 RT: 4.23 min Scan# 950  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
96	158739		
96	100		
61	169.6	0.0	343.8
98	64.8	0.0	129.0

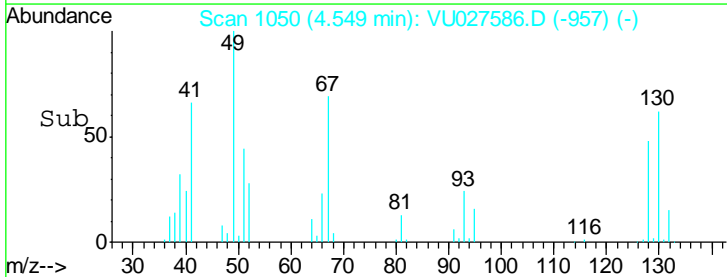
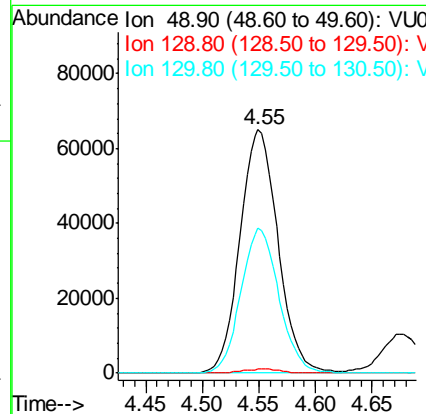
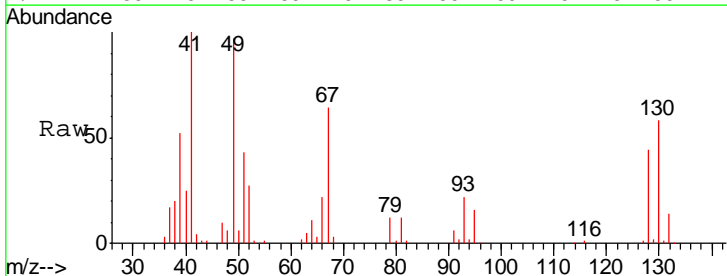
Manual Integrations  
 APPROVED

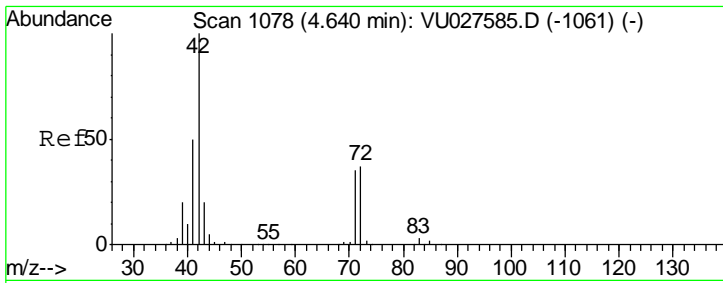
MMDadoda  
 10/16/2018 2:22:53 PM



#28  
 Bromochloromethane  
 Concen: 99.35 ug/l  
 RT: 4.55 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
49	152145		
49	100		
129	1.6	0.0	3.0
130	59.5	46.1	69.1



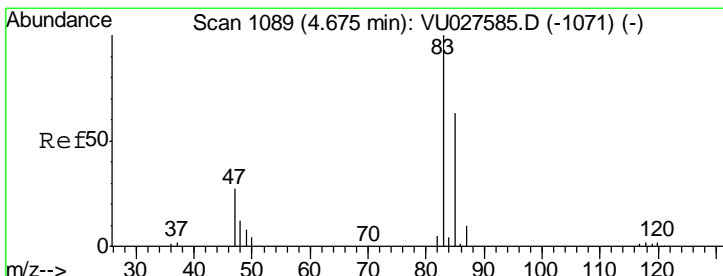
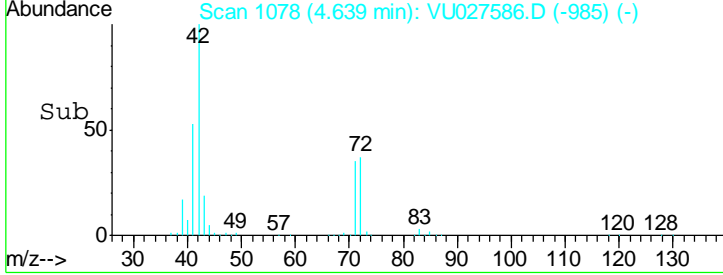
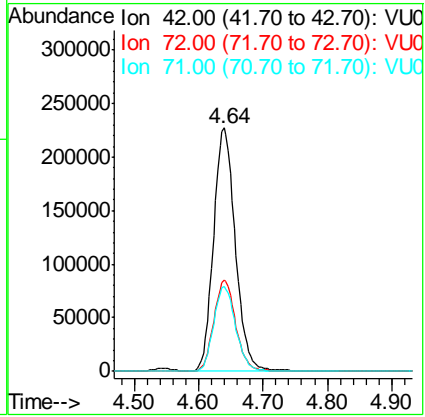
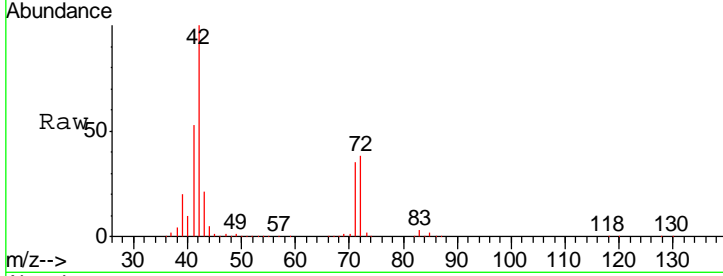


#29  
 Tetrahydrofuran  
 Concen: 528.61 ug/l  
 RT: 4.64 min Scan# 1078  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

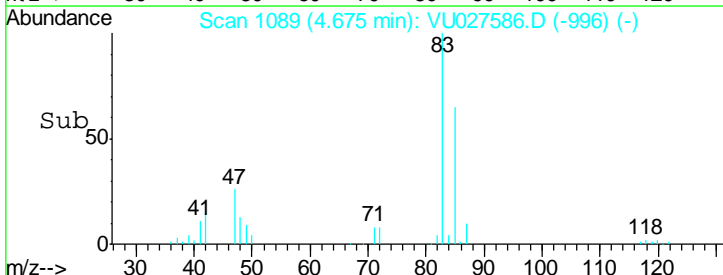
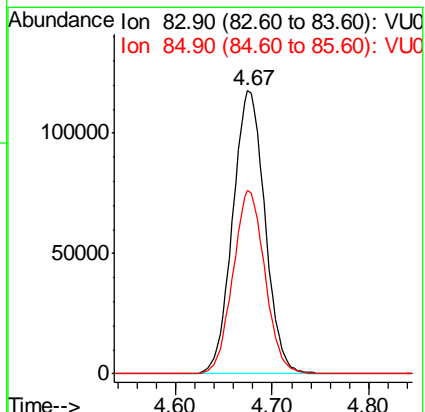
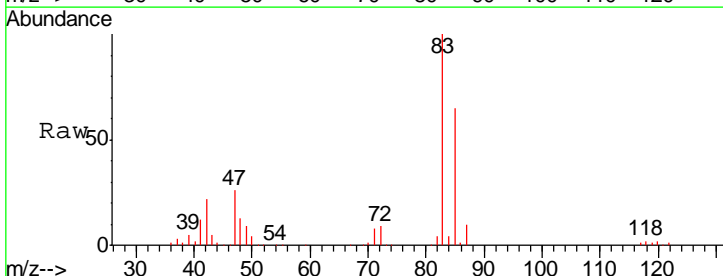
Tgt Ion	Resp	Lower	Upper
42	100		
72	37.8	30.1	45.1
71	35.3	27.7	41.5

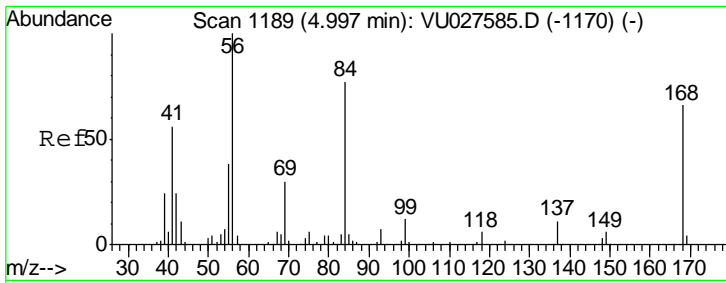
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#30  
 Chloroform  
 Concen: 98.96 ug/l  
 RT: 4.67 min Scan# 1089  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.7	51.8	77.6



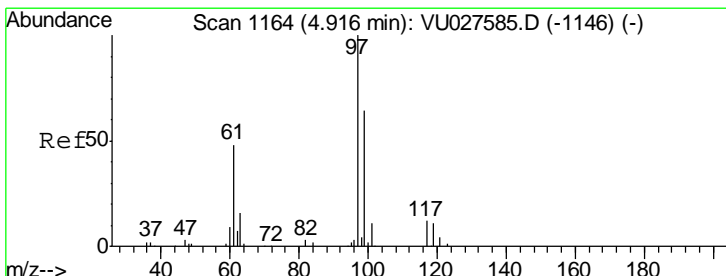
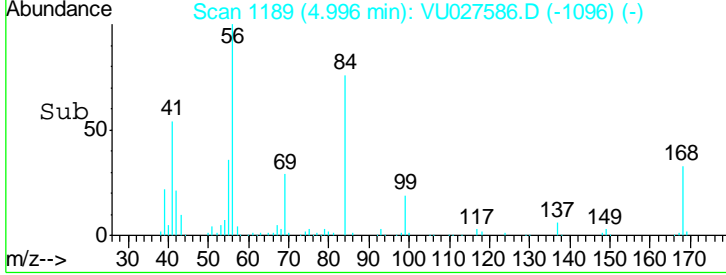
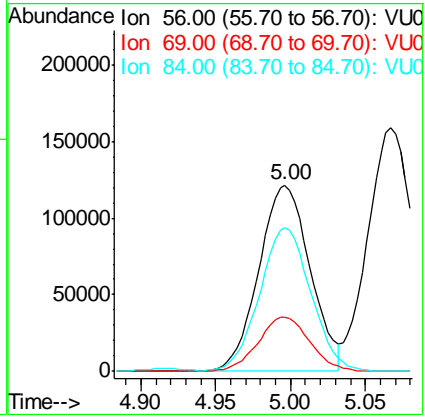
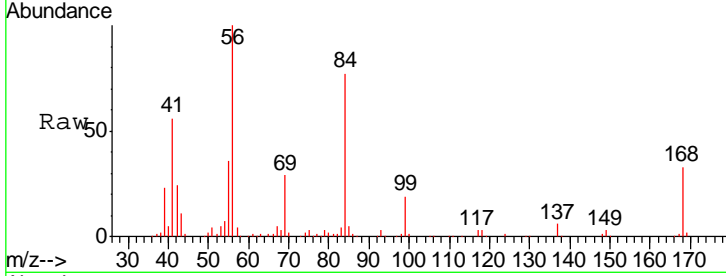


#31  
 Cyclohexane  
 Concen: 78.24 ug/l  
 RT: 5.00 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

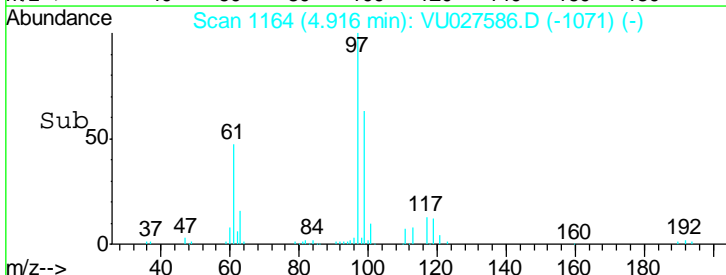
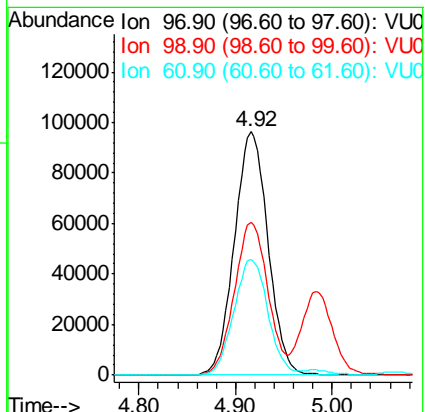
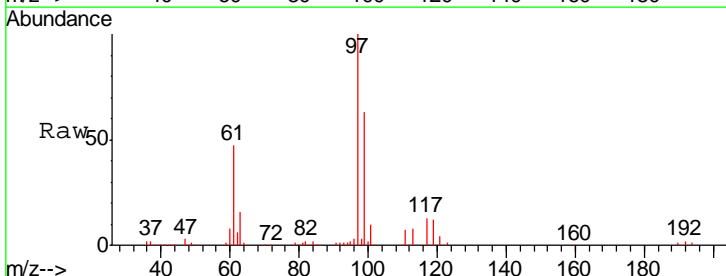
Tgt Ion	Resp	Lower	Upper
56	100		
69	29.3	24.1	36.1
84	76.1	59.1	88.7

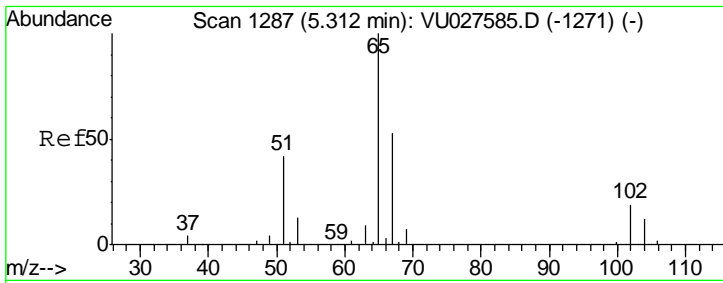
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#32  
 1,1,1-Trichloroethane  
 Concen: 100.92 ug/l  
 RT: 4.92 min Scan# 1164  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
97	100		
99	63.0	51.1	76.7
61	48.2	39.6	59.4





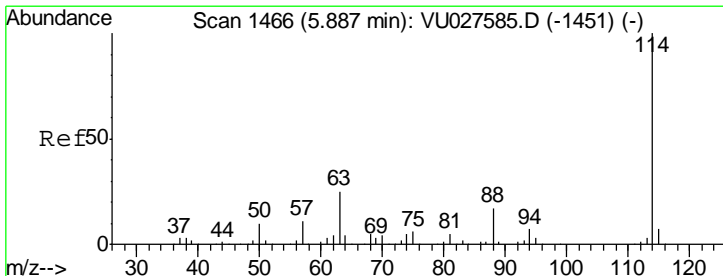
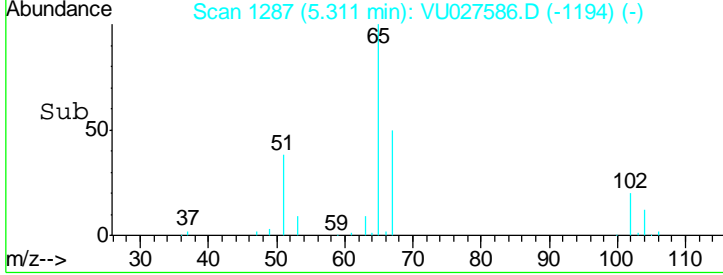
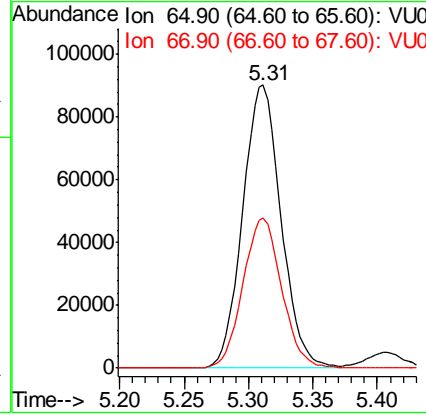
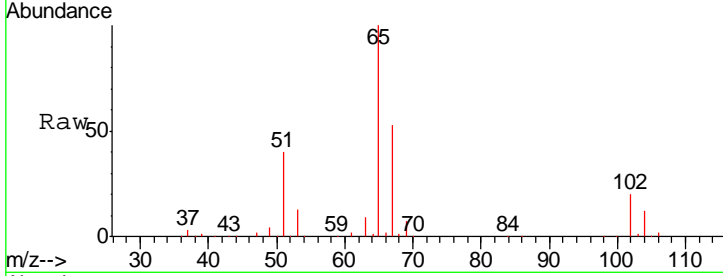
#33  
 1,2-Dichloroethane-d4  
 Concen: 96.74 ug/l  
 RT: 5.31 min Scan# 1287  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
65	186957		
67	53.4	0.0	107.8

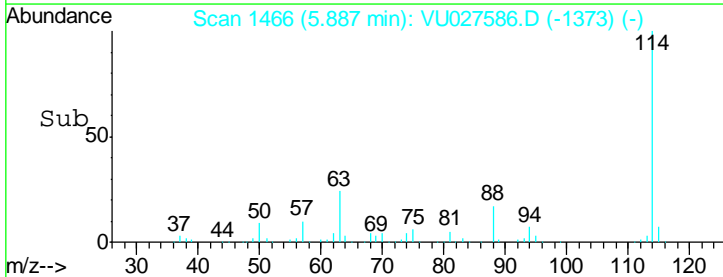
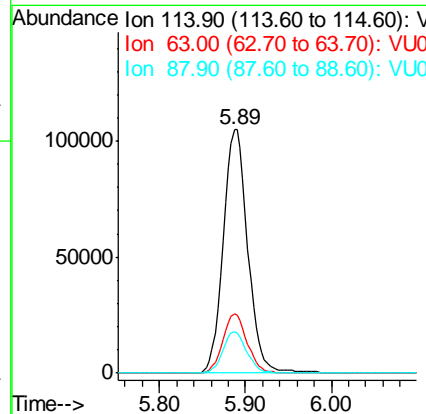
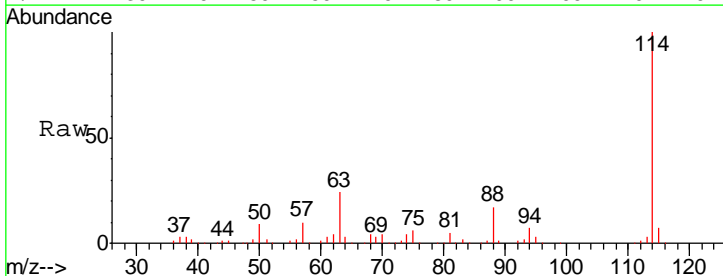
Manual Integrations  
 APPROVED

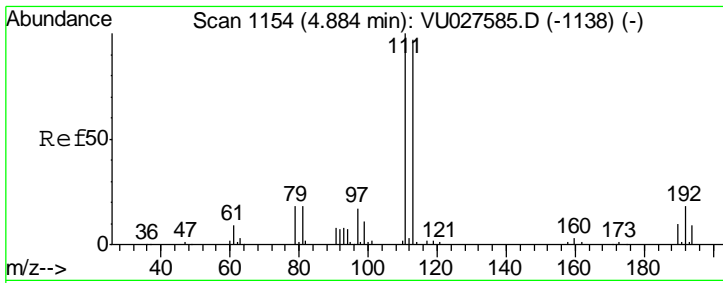
MMDadoda  
 10/16/2018 2:22:53 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
114	208500		
63	24.2	0.0	50.2
88	17.2	0.0	33.8





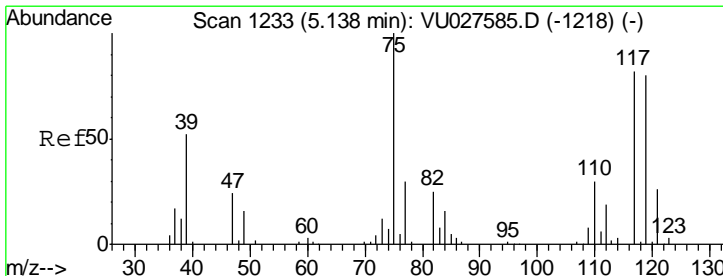
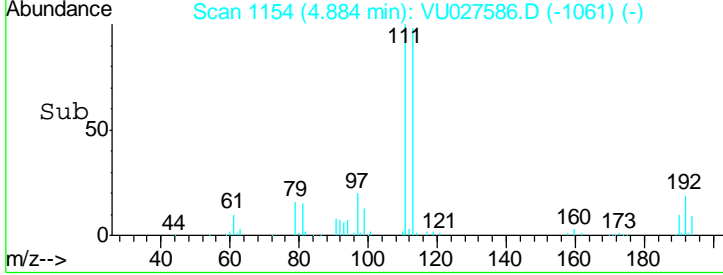
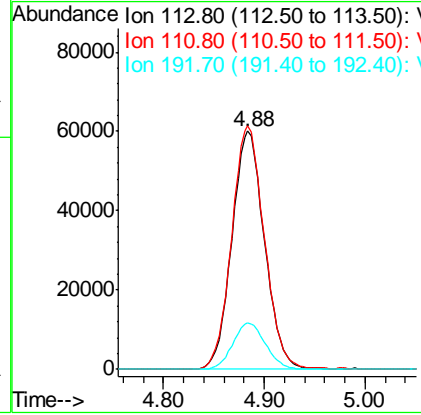
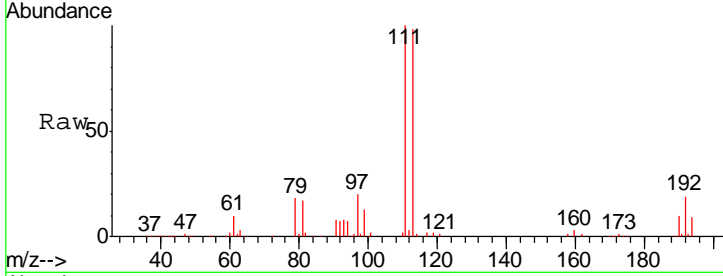
#35  
 Dibromofluoromethane  
 Concen: 96.38 ug/l  
 RT: 4.88 min Scan# 1154  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.3	83.1	124.7
192	19.5	15.4	23.0

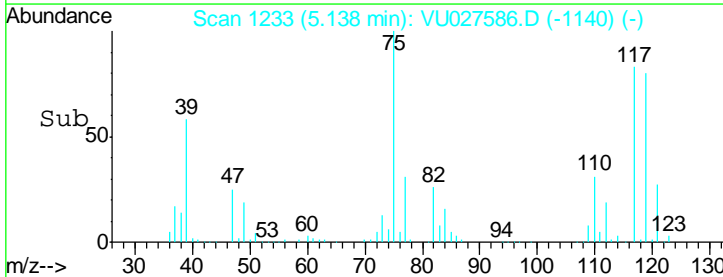
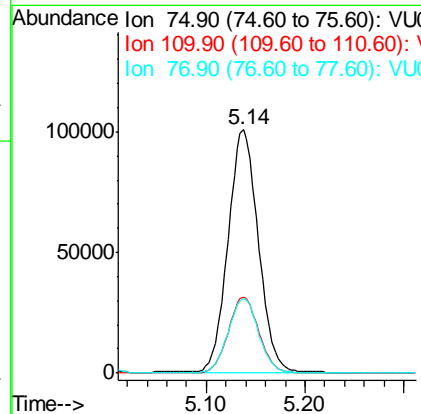
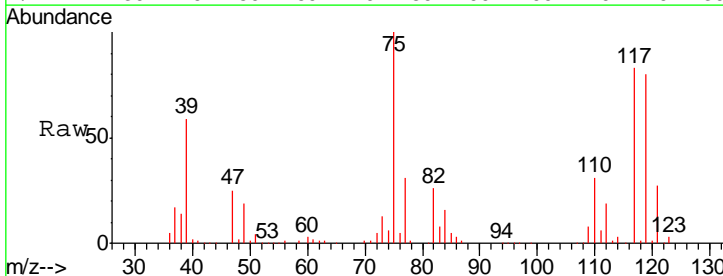
Manual Integrations  
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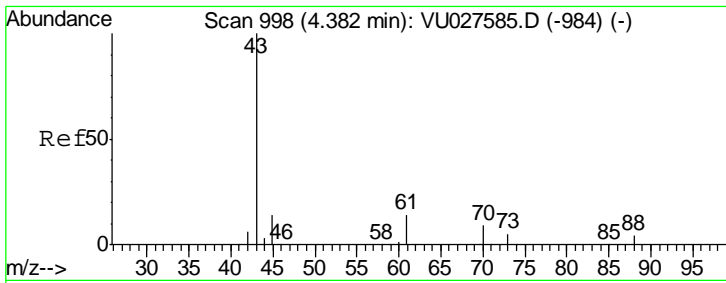
MMDadoda  
 10/16/2018 2:22:53 PM



#36  
 1,1-Dichloropropene  
 Concen: 103.56 ug/l  
 RT: 5.14 min Scan# 1233  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
75	100		
110	31.7	15.5	46.5
77	31.2	25.4	38.0





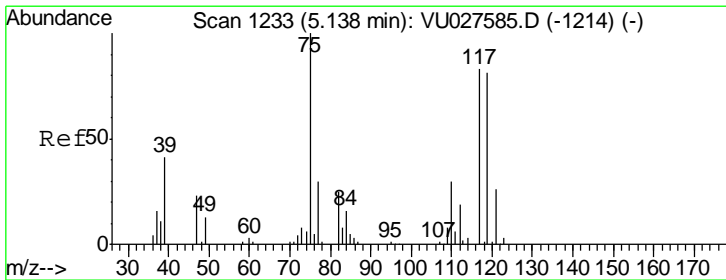
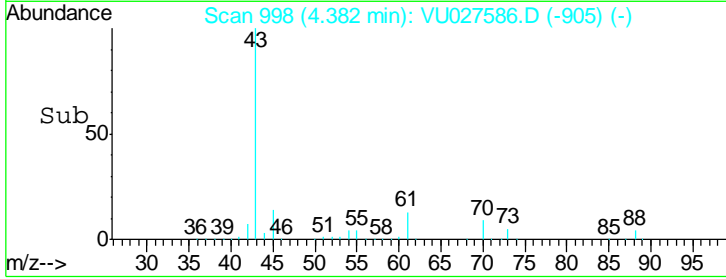
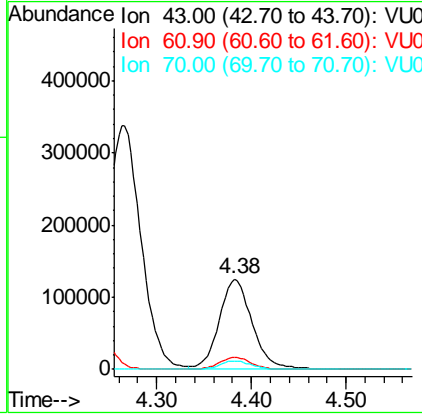
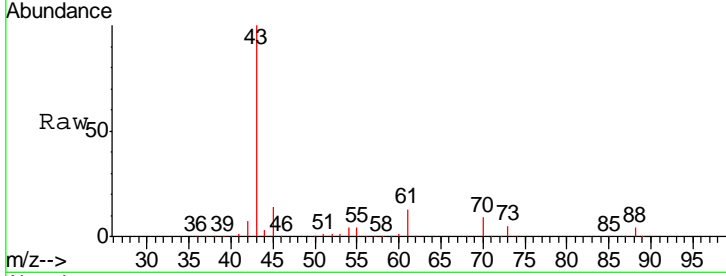
#37  
Ethyl Acetate  
Concen: 108.23 ug/l  
RT: 4.38 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: VU027586.D  
Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
43	100		
61	13.1	10.7	16.1
70	9.1	7.4	11.2

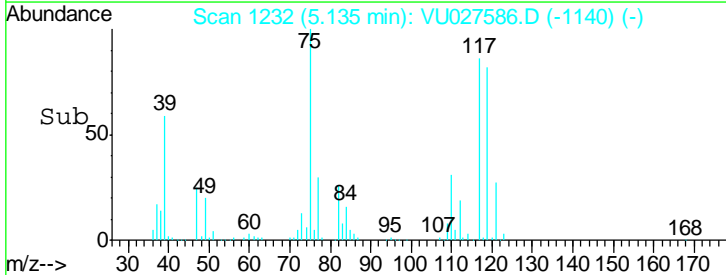
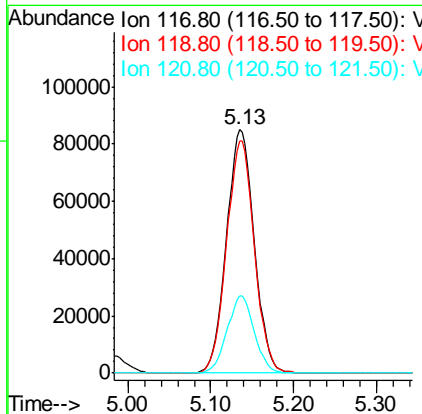
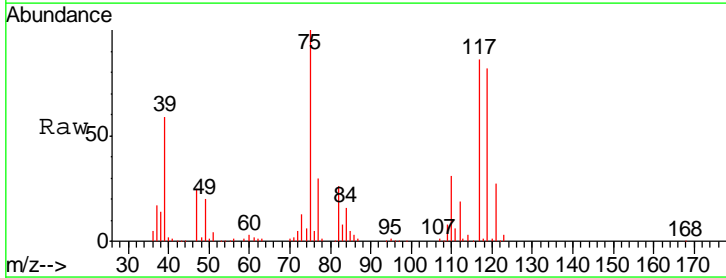
Manual Integrations  
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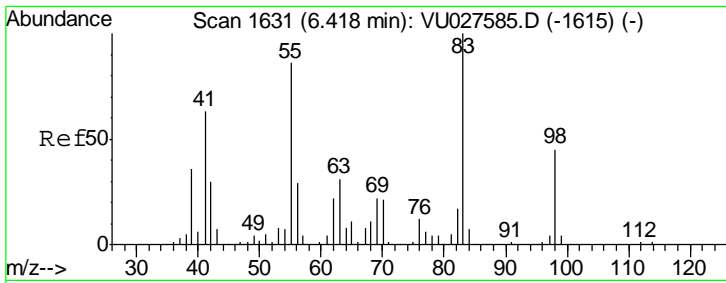
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10/16/2018 2:22:53 PM



#38  
Carbon Tetrachloride  
Concen: 102.30 ug/l  
RT: 5.13 min Scan# 1232  
Delta R.T. -0.00 min  
Lab File: VU027586.D  
Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
117	100		
119	95.4	74.5	111.7
121	31.8	24.6	37.0





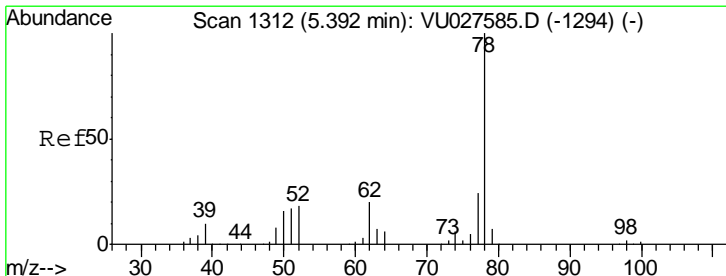
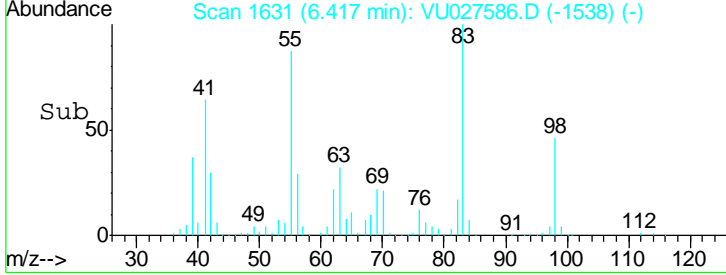
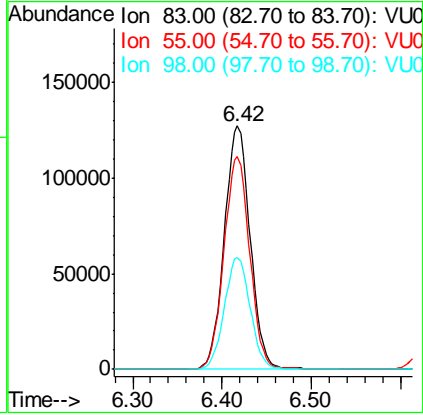
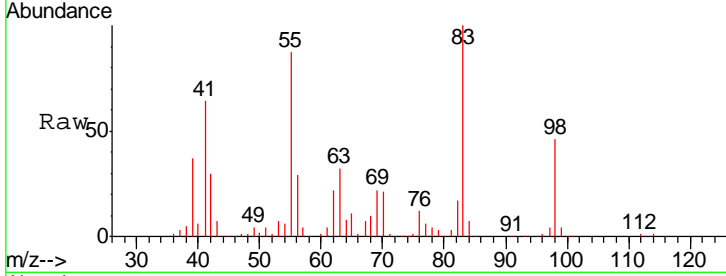
#39  
 Methylcyclohexane  
 Concen: 111.66 ug/l  
 RT: 6.42 min Scan# 1631  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

Tgt Ion	Resp	Lower	Upper
83	100		
55	87.3	71.1	106.7
98	46.2	36.3	54.5

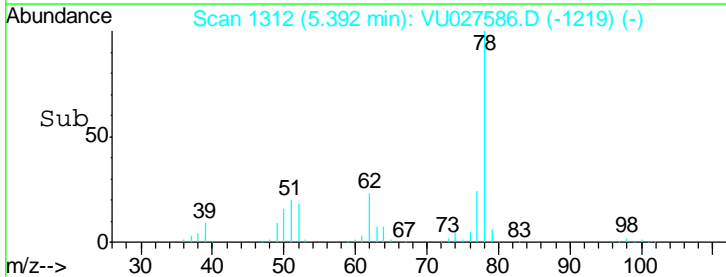
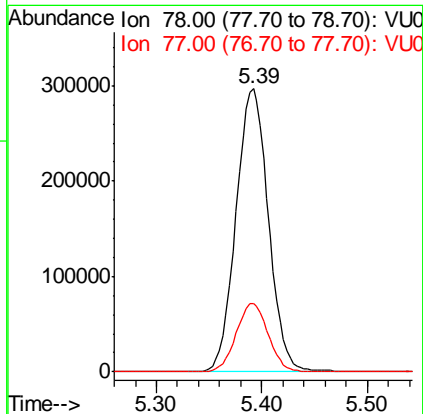
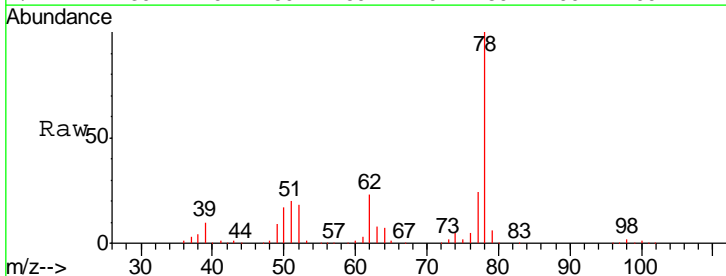
Manual Integrations  
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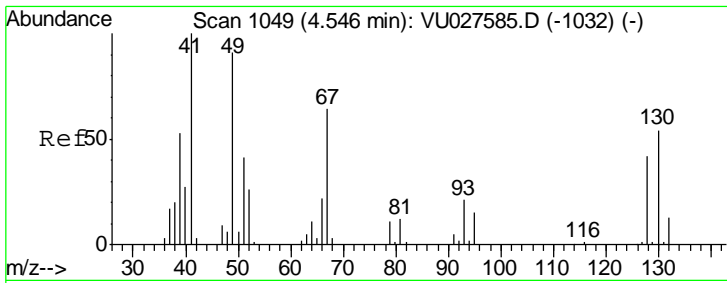


#40  
 Benzene  
 Concen: 98.65 ug/l  
 RT: 5.39 min Scan# 1312  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
78	100		
77	24.4	19.3	28.9







#41  
 Methacrylonitrile  
 Concen: 111.69 ug/l  
 RT: 4.54 min Scan# 1048  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

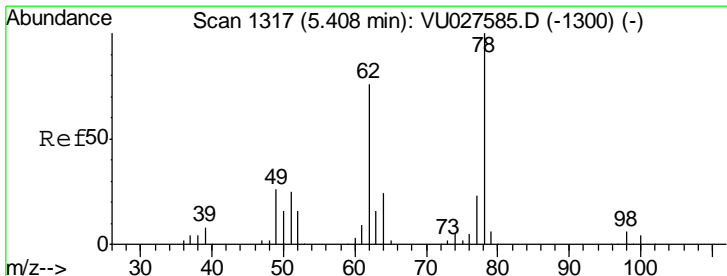
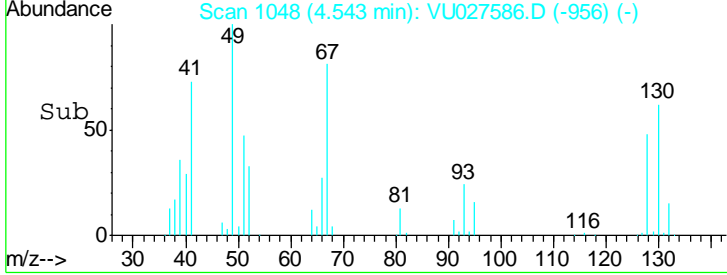
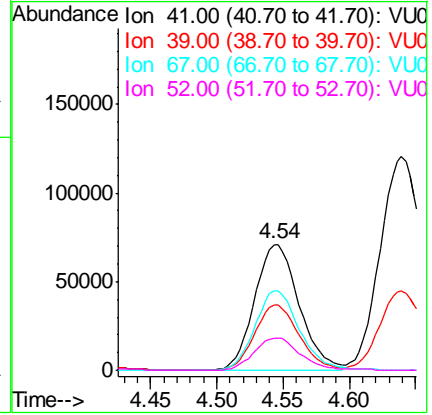
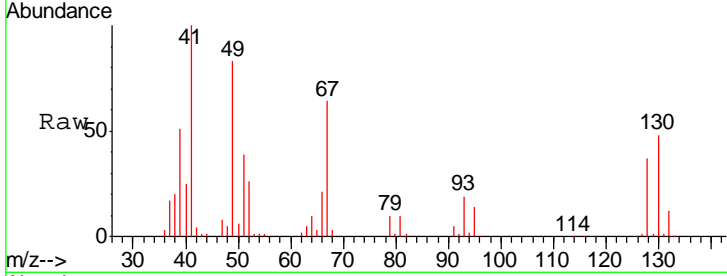
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

Tgt Ion: 41 Resp: 166398

Ion	Ratio	Lower	Upper
41	100		
39	51.9	41.1	61.7
67	63.3	50.4	75.6
52	26.4	20.3	30.5

Manual Integrations  
 APPROVED

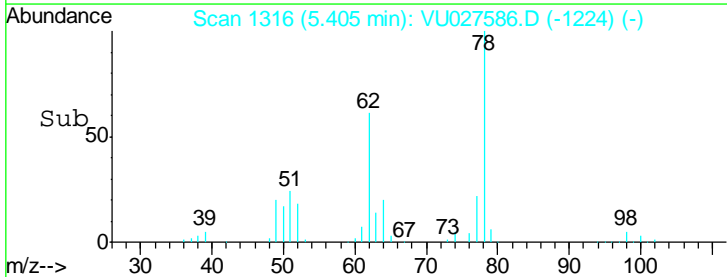
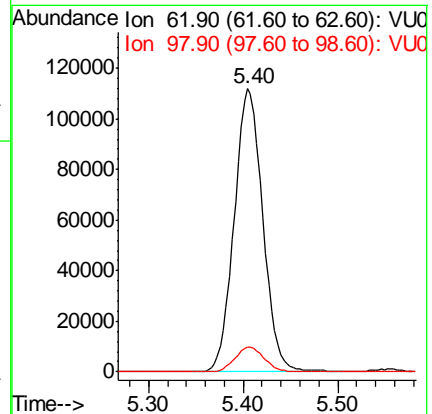
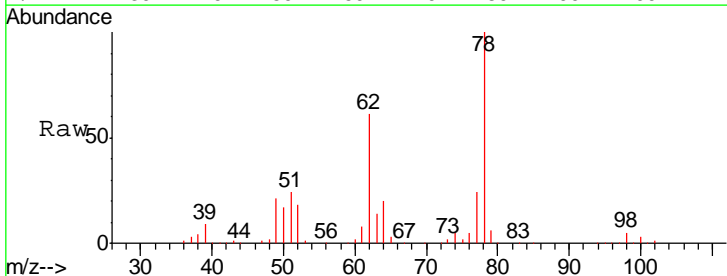
MMDadoda  
 10/16/2018 2:22:53 PM

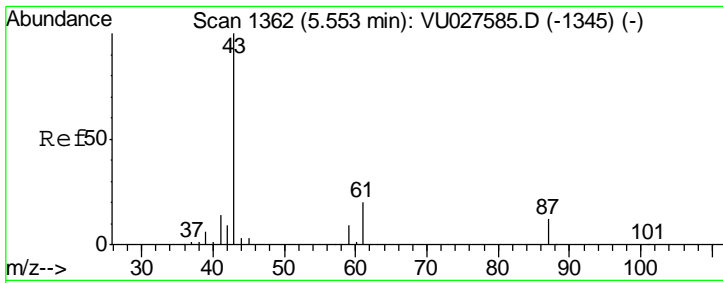


#42  
 1,2-Dichloroethane  
 Concen: 99.06 ug/l  
 RT: 5.40 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 62 Resp: 234975

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.8





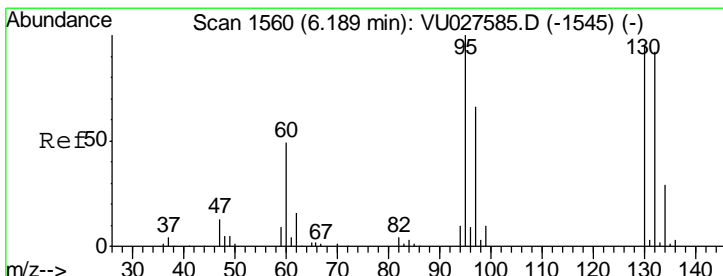
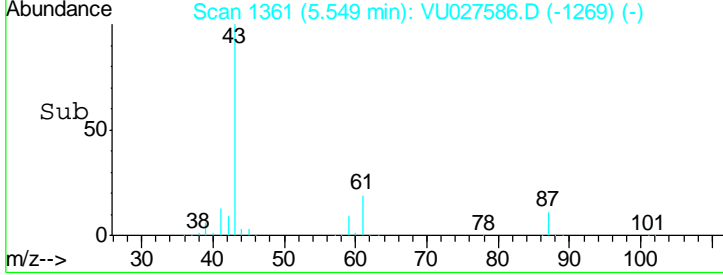
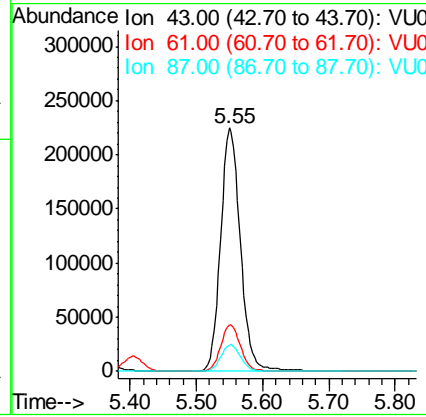
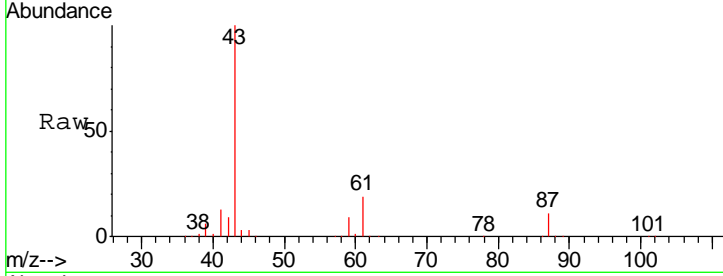
#43  
 Isopropyl Acetate  
 Concen: 109.45 ug/l  
 RT: 5.55 min Scan# 1361  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion: 43 Resp: 463656

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	11.0	8.6	13.0

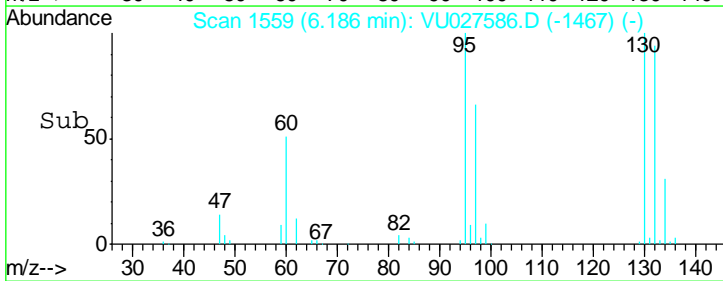
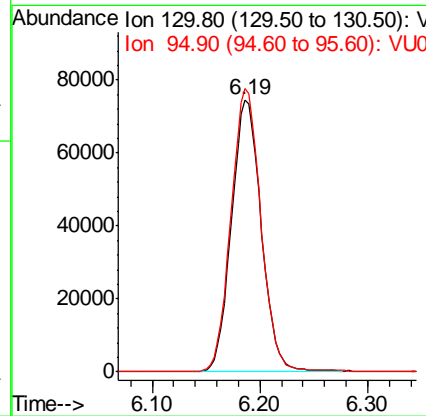
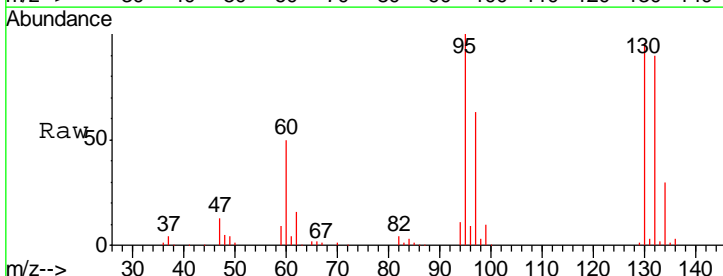
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM

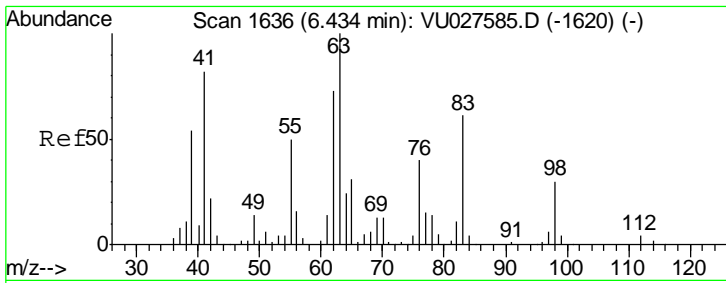


#44  
 Trichloroethene  
 Concen: 103.43 ug/l  
 RT: 6.19 min Scan# 1559  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 130 Resp: 144017

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	207.0



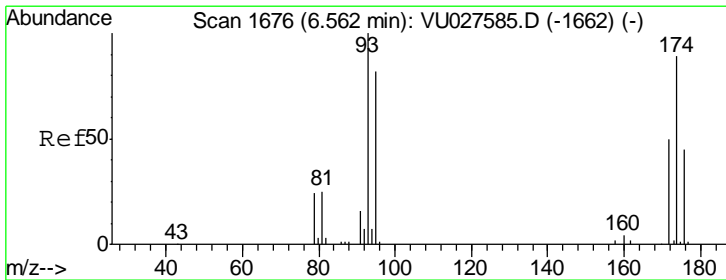
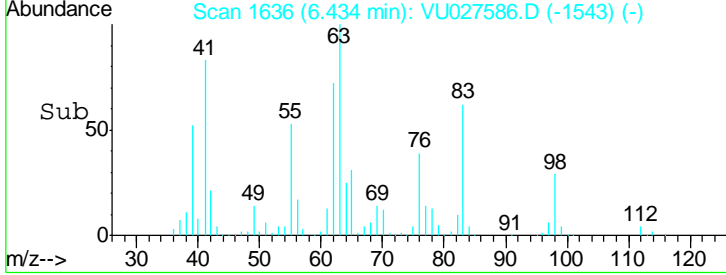
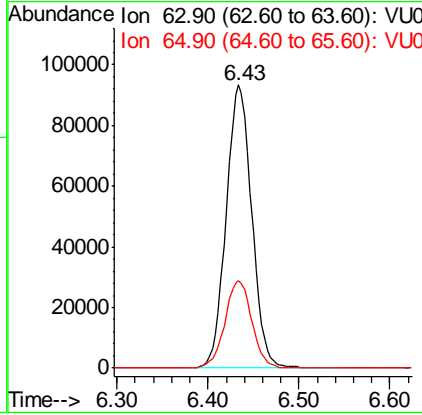
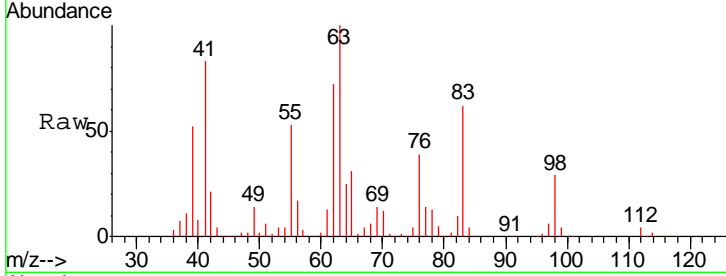


#45  
 1,2-Dichloropropane  
 Concen: 100.76 ug/l  
 RT: 6.43 min Scan# 1636  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
63	182277		
63	100		
65	30.8	26.0	39.0

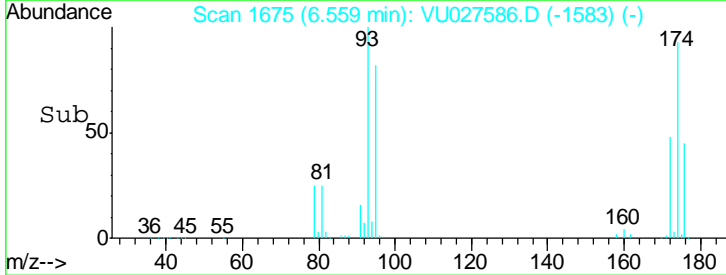
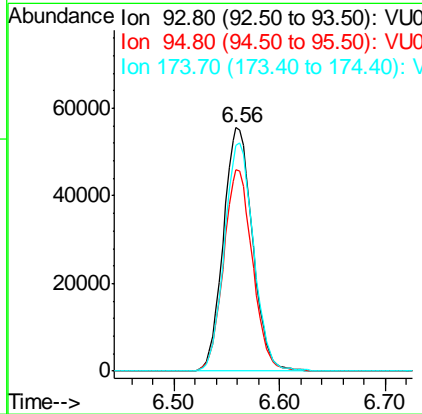
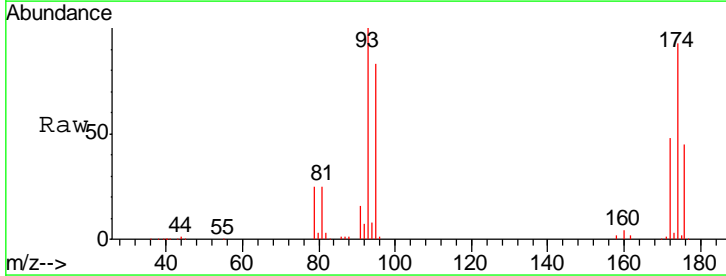
Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

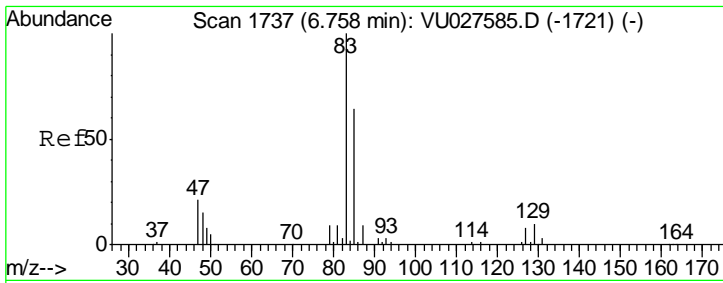
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#46  
 Dibromomethane  
 Concen: 99.77 ug/l  
 RT: 6.56 min Scan# 1675  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
93	106712		
93	100		
95	81.7	66.5	99.7
174	93.2	72.5	108.7



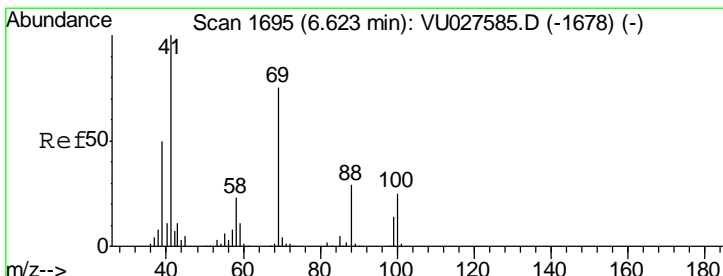
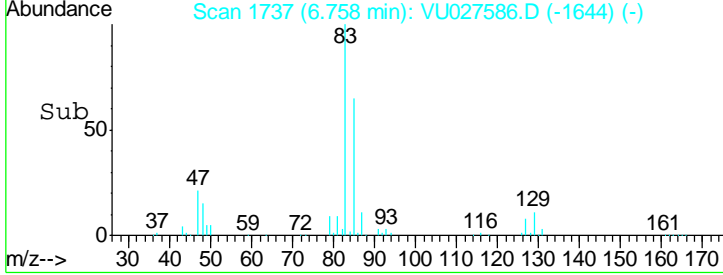
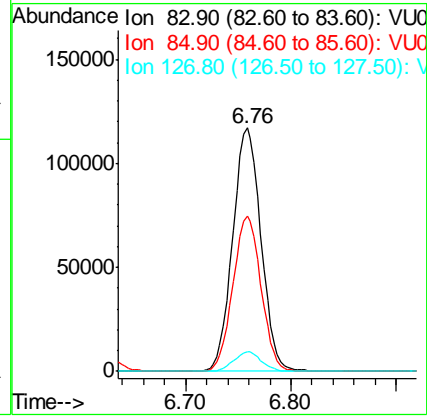
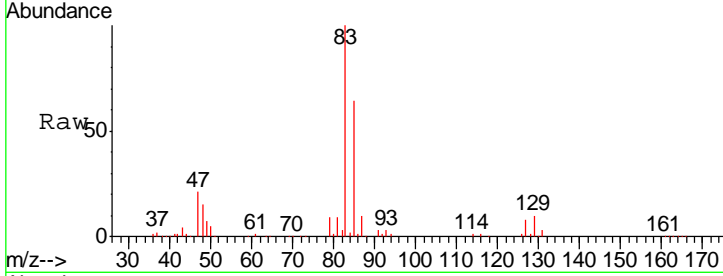


#47  
 Bromodichloromethane  
 Concen: 101.37 ug/l  
 RT: 6.76 min Scan# 1737  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC100

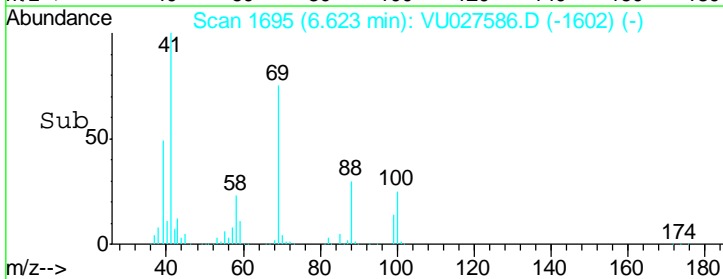
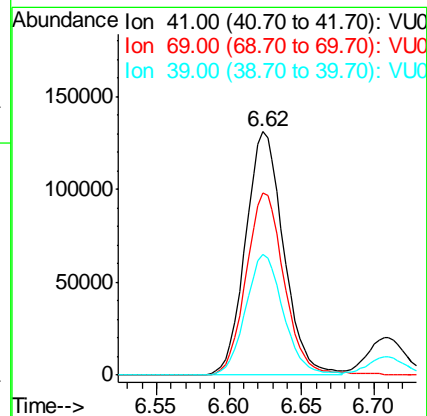
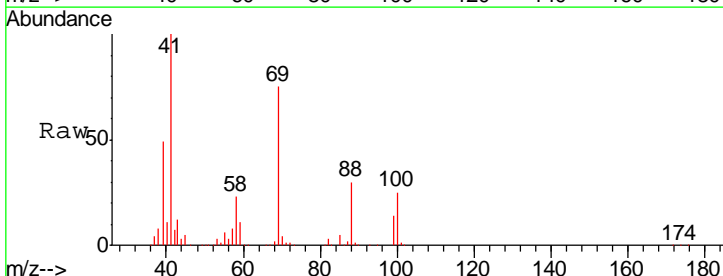
Tgt Ion	Resp	Lower	Upper
83	217046		
85	64.0	51.4	77.0
127	8.1	6.3	9.5

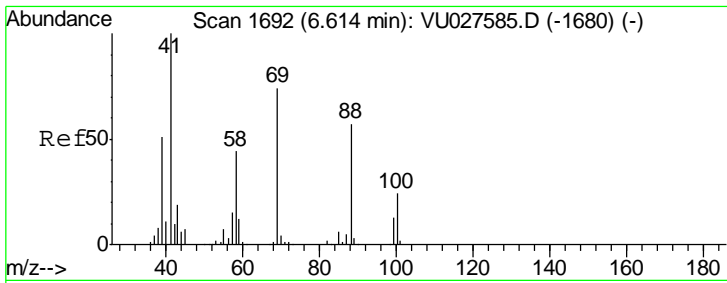
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#48  
 Methyl methacrylate  
 Concen: 118.01 ug/l  
 RT: 6.62 min Scan# 1695  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
41	239118		
69	75.6	61.0	91.4
39	49.1	39.9	59.9





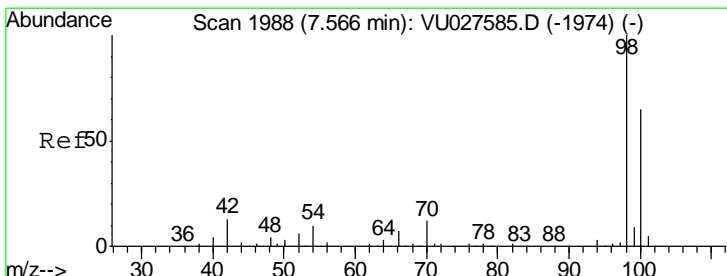
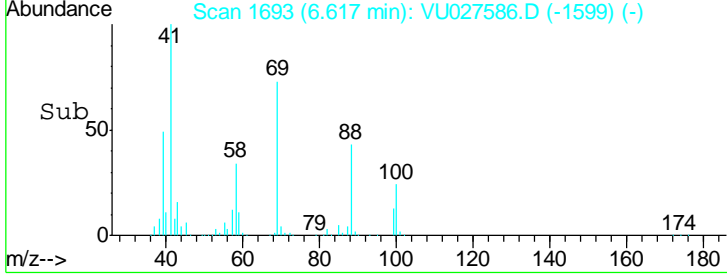
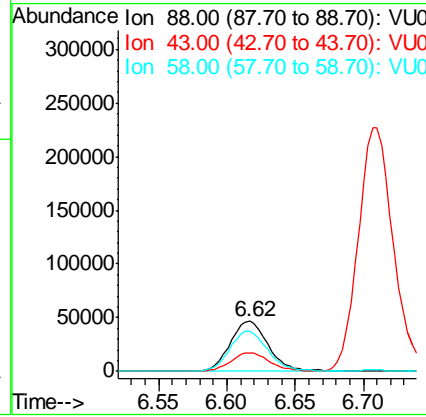
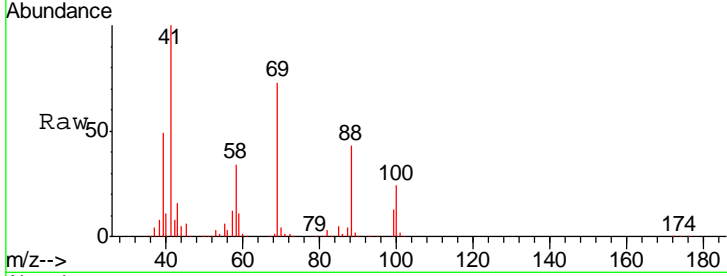
#49  
 1,4-Dioxane  
 Concen: 2228.99 ug/l  
 RT: 6.62 min Scan# 1693  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDIC100

Tgt Ion: 88 Resp: 89563

Ion	Ratio	Lower	Upper
88	100		
43	37.6	30.8	46.2
58	81.1	67.0	100.6

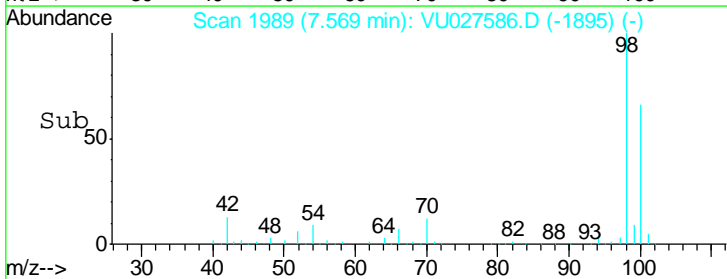
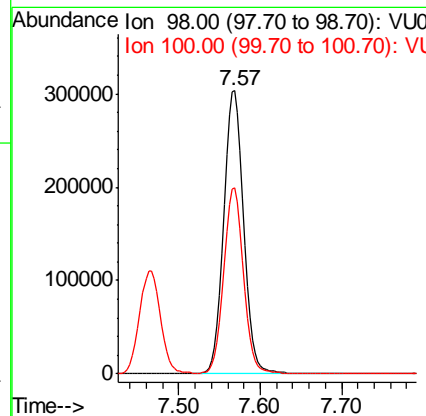
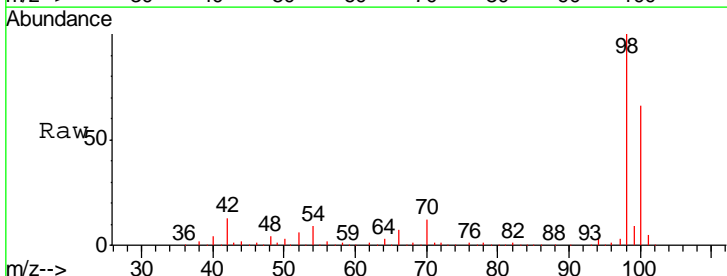
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM

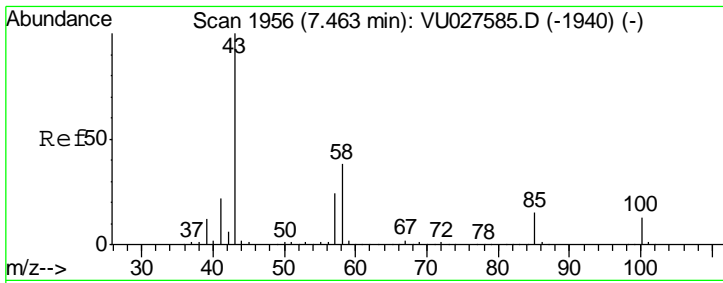


#50  
 Toluene-d8  
 Concen: 100.78 ug/l  
 RT: 7.57 min Scan# 1989  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 98 Resp: 528474

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1





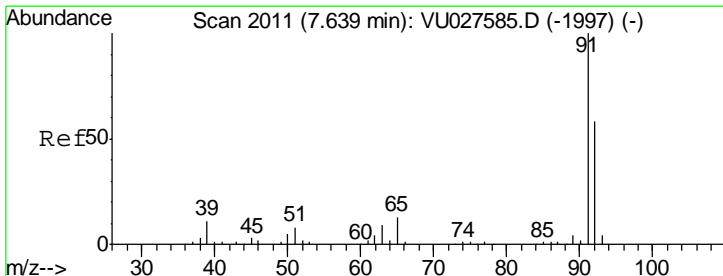
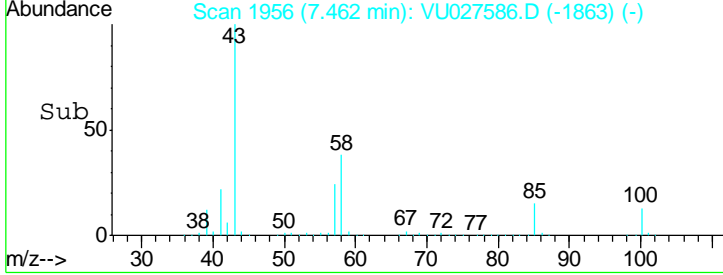
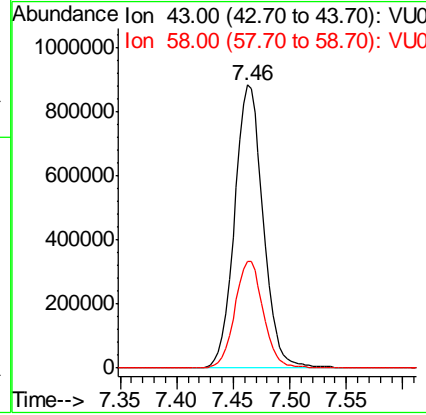
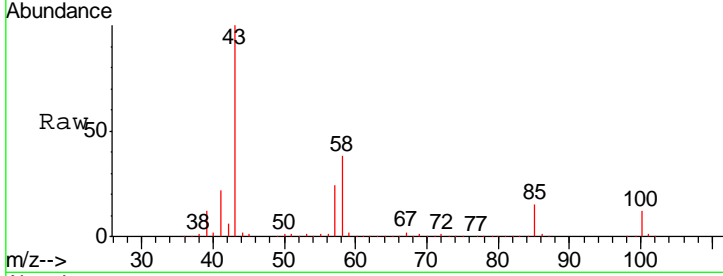
#51  
 4-Methyl-2-Pentanone  
 Concen: 546.94 ug/l  
 RT: 7.46 min Scan# 1956  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion: 43 Resp: 1553645

Ion	Ratio	Lower	Upper
43	100		
58	37.9	29.8	44.8

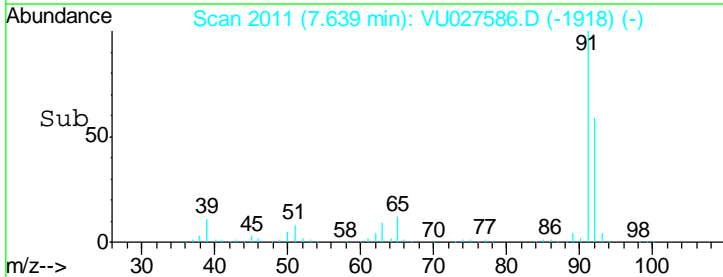
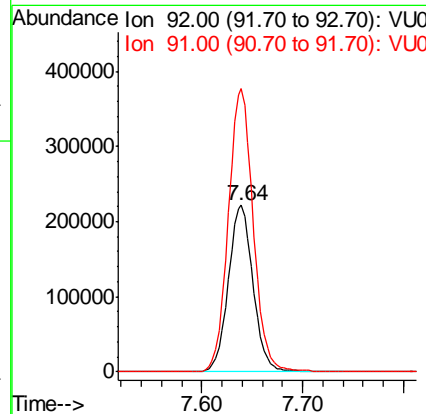
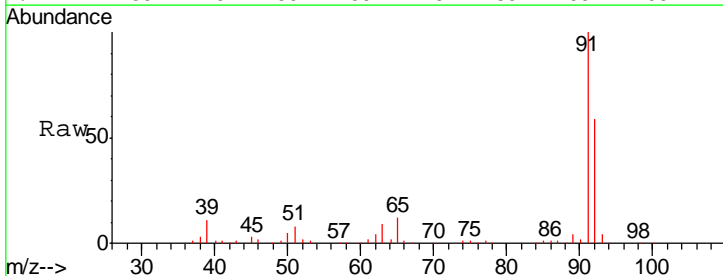
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM

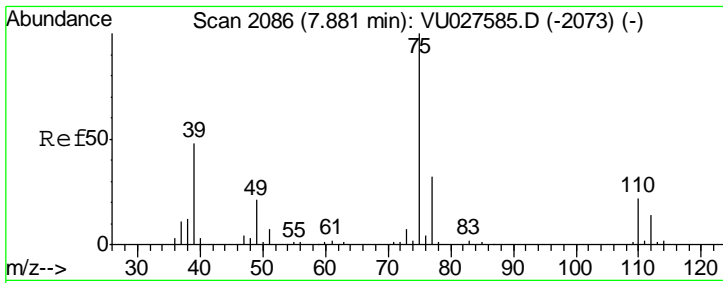


#52  
 Toluene  
 Concen: 106.46 ug/l  
 RT: 7.64 min Scan# 2011  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 92 Resp: 380112

Ion	Ratio	Lower	Upper
92	100		
91	171.5	138.6	208.0



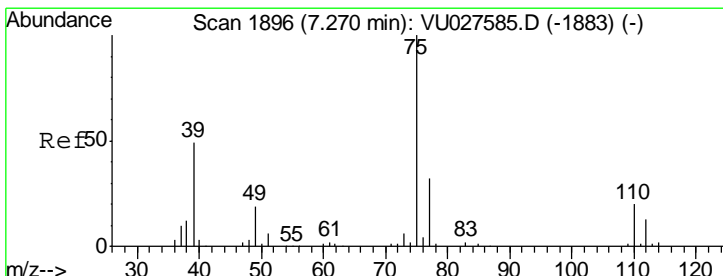
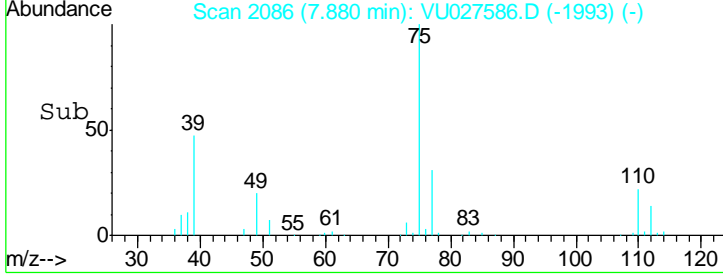
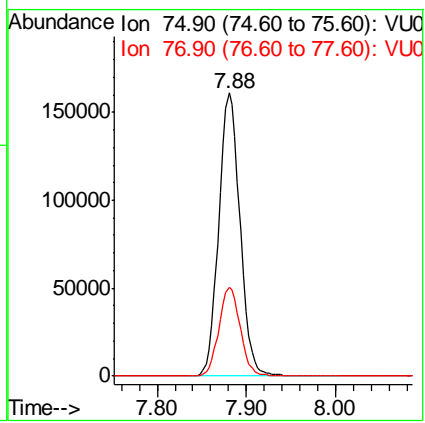
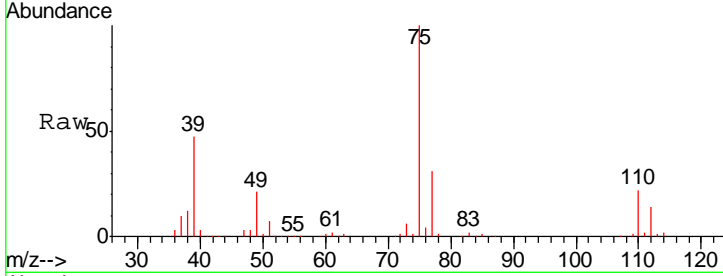


#53  
 t-1,3-Dichloropropene  
 Concen: 113.96 ug/l  
 RT: 7.88 min Scan# 2086  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

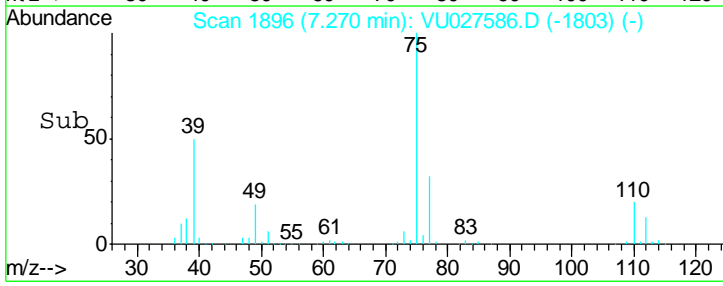
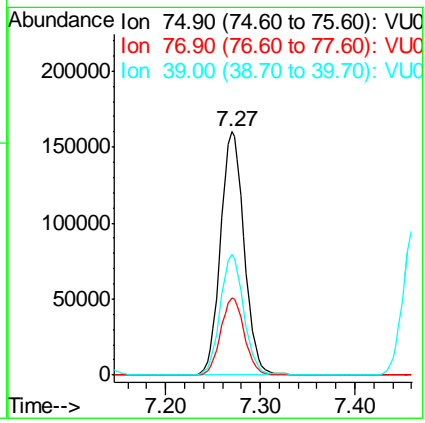
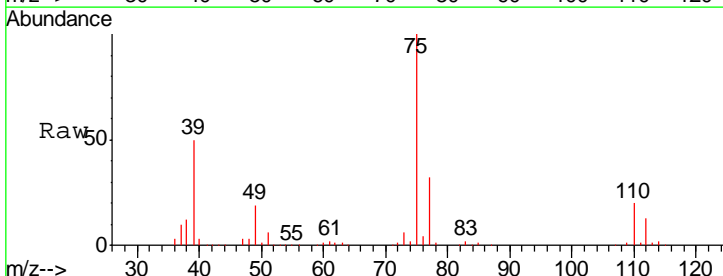
Tgt Ion: 75 Resp: 265639  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.0 37.6

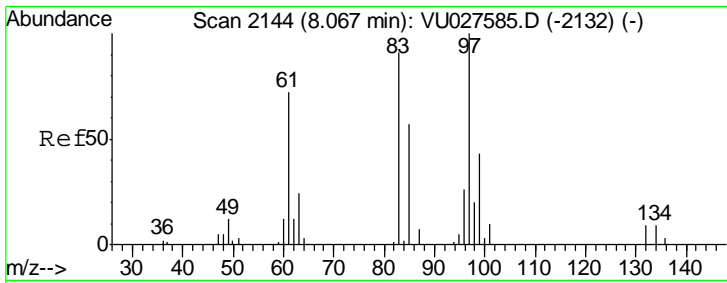
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 106.79 ug/l  
 RT: 7.27 min Scan# 1896  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

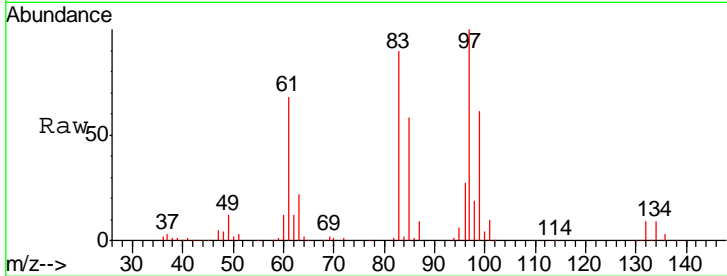
Tgt Ion: 75 Resp: 277204  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.5 36.7  
 39 49.8 40.1 60.1





#55  
 1,1,2-Trichloroethane  
 Concen: 100.78 ug/l  
 RT: 8.07 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

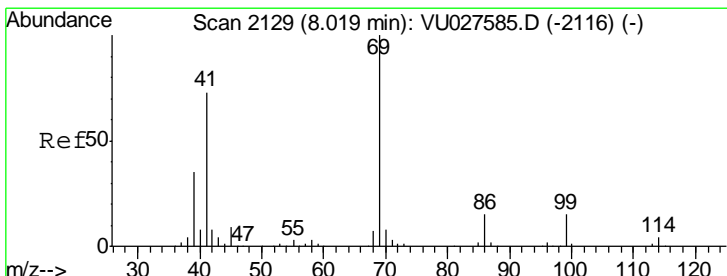
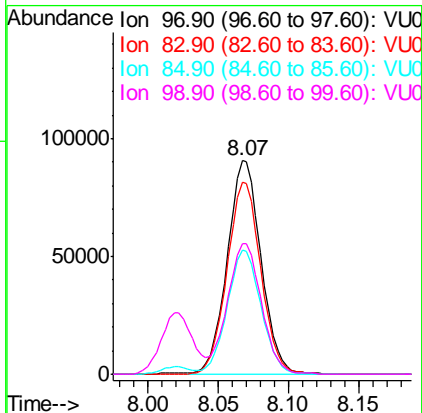
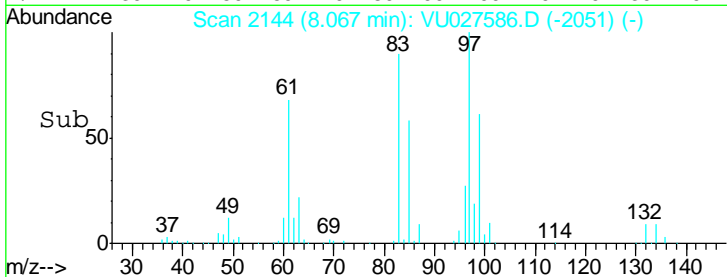
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDIC100



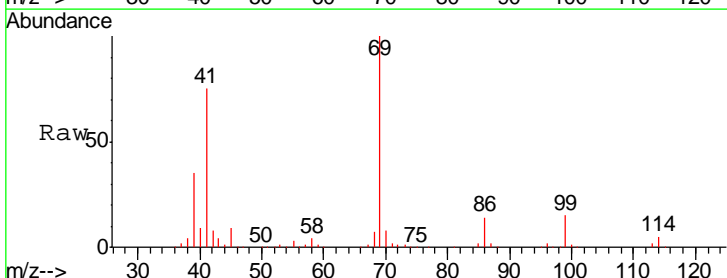
Tgt Ion: 97 Resp: 151285

Ion	Ratio	Lower	Upper
97	100		
83	89.7	73.0	109.6
85	58.3	47.3	70.9
99	60.9	49.7	74.5

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM

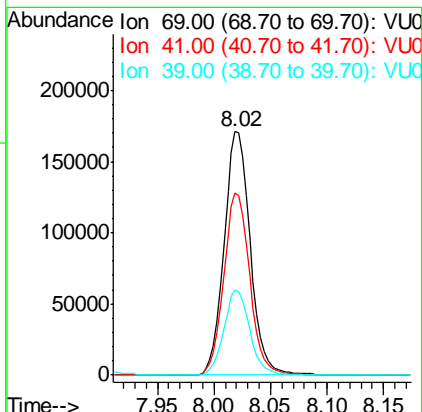
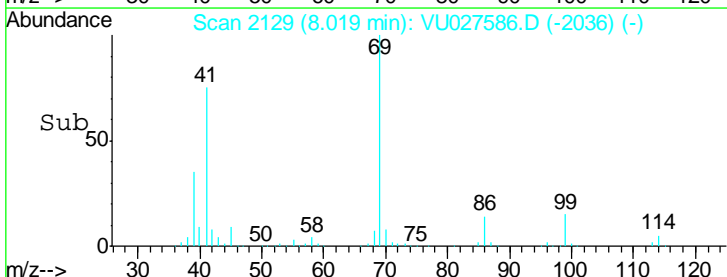


#56  
 Ethyl methacrylate  
 Concen: 122.78 ug/l  
 RT: 8.02 min Scan# 2129  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

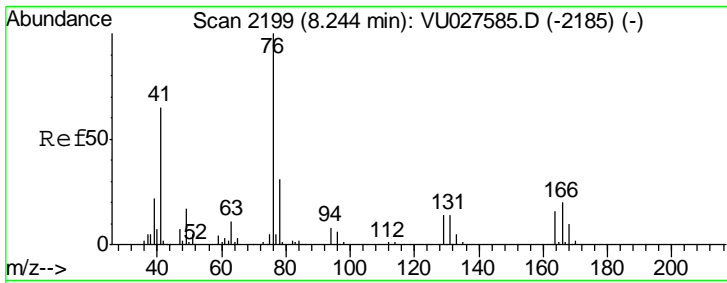


Tgt Ion: 69 Resp: 275679

Ion	Ratio	Lower	Upper
69	100		
41	74.6	60.0	90.0
39	34.2	29.5	44.3





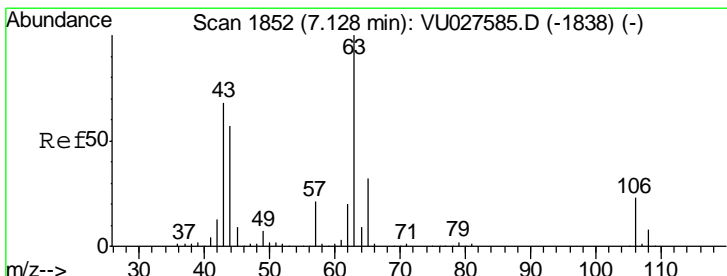
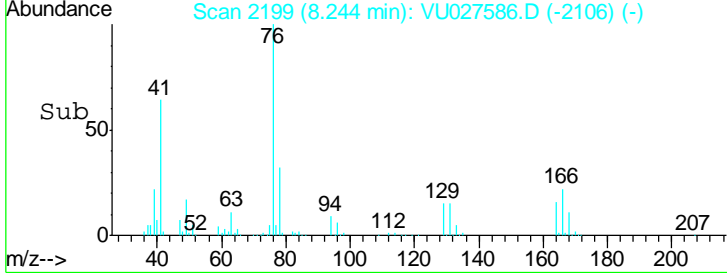
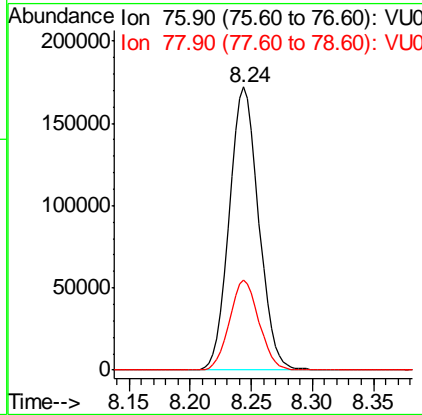
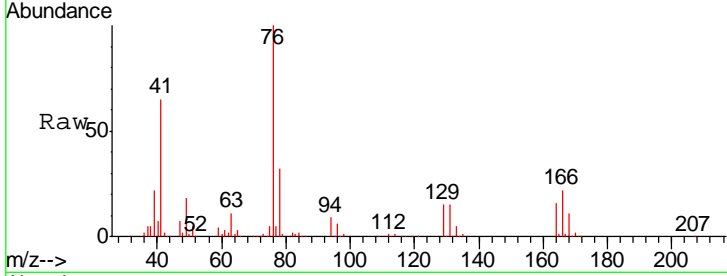


#57  
 1,3-Dichloropropane  
 Concen: 102.22 ug/l  
 RT: 8.24 min Scan# 2199  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

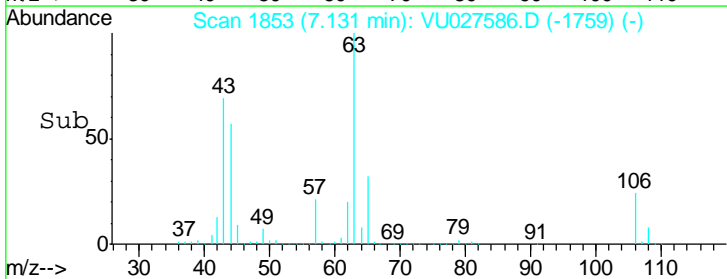
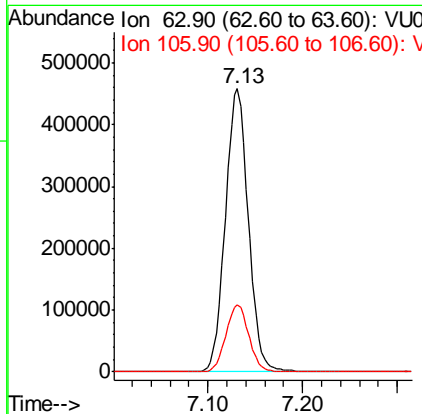
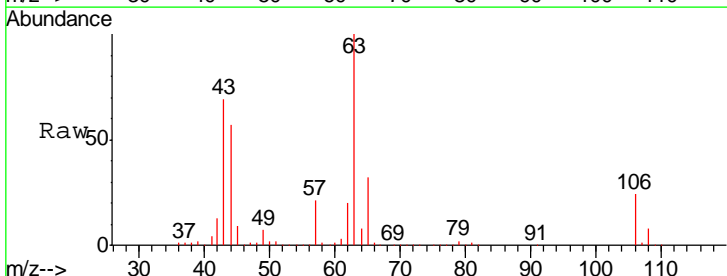
Tgt Ion	Resp	Lower	Upper
76	290015		
76	100		
78	31.8	25.8	38.6

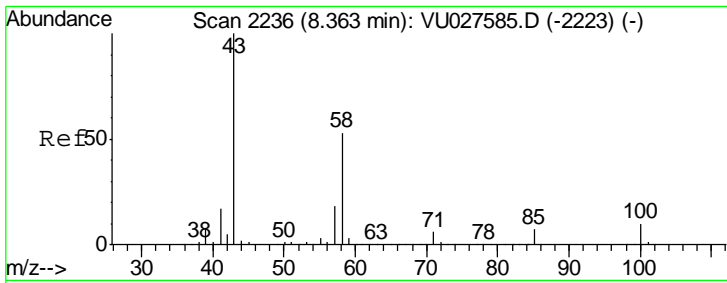
Manual Integrations APPROVED  
 MMDadoda  
 10/16/2018 2:22:53 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 583.25 ug/l  
 RT: 7.13 min Scan# 1853  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
63	772636		
63	100		
106	23.7	18.5	27.7





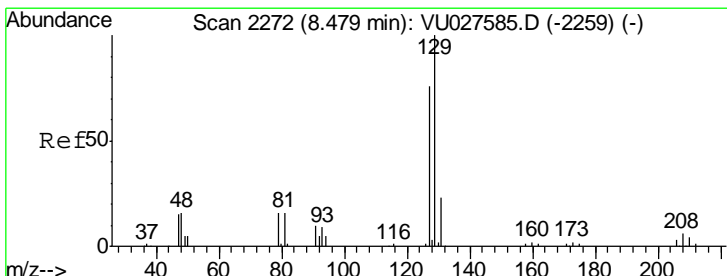
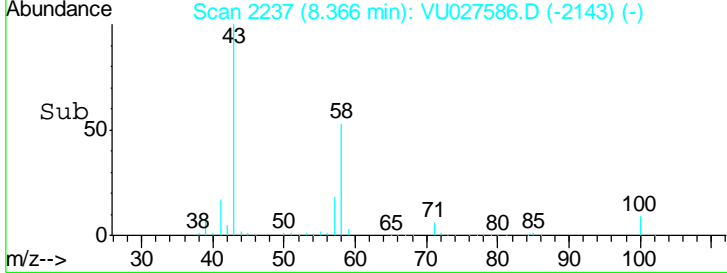
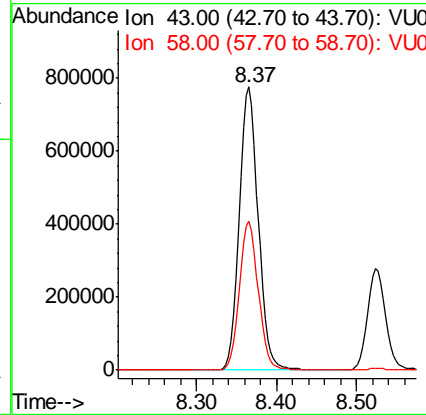
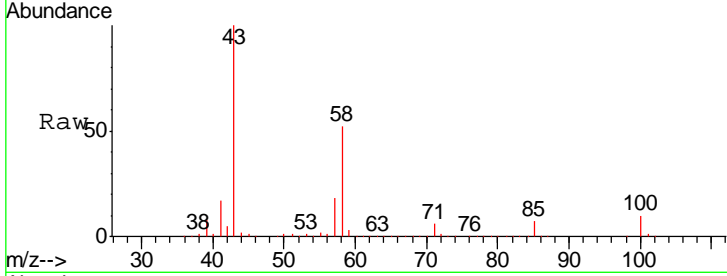
#59  
 2-Hexanone  
 Concen: 567.95 ug/l  
 RT: 8.37 min Scan# 2237  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion: 43 Resp: 1243411

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.3

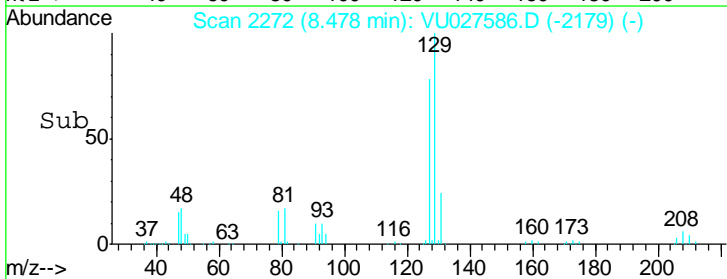
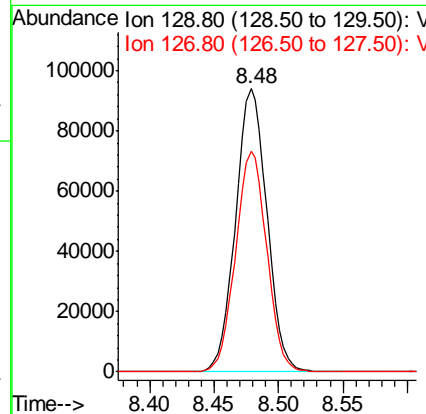
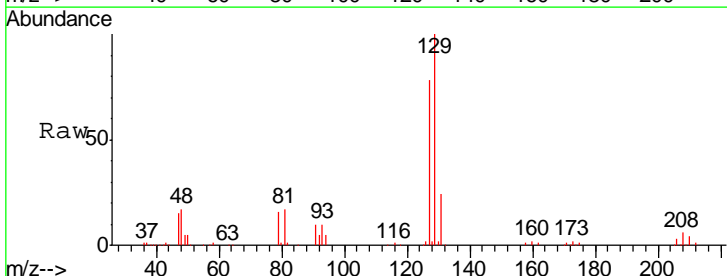
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM

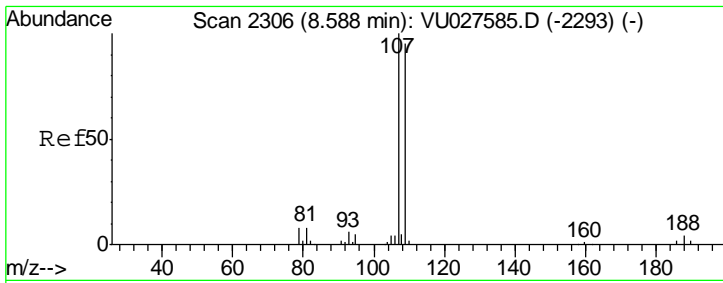


#60  
 Dibromochloromethane  
 Concen: 109.43 ug/l  
 RT: 8.48 min Scan# 2272  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 129 Resp: 159052

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.2



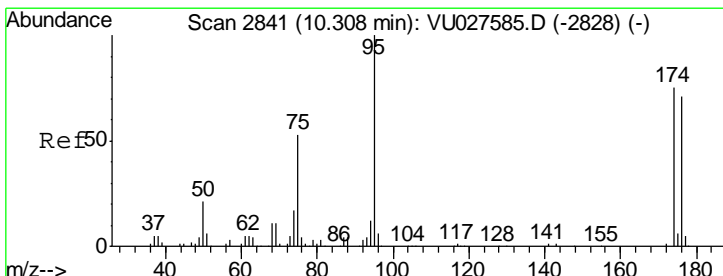
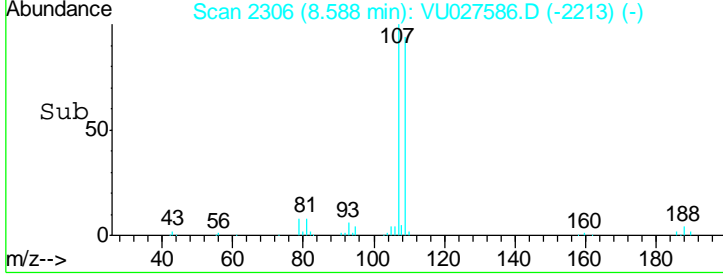
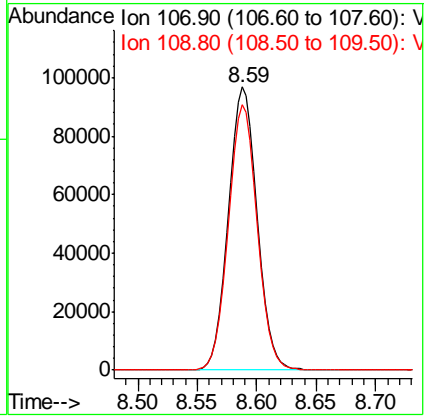
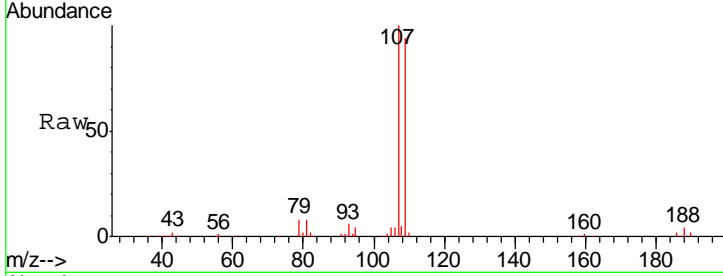


#61  
 1,2-Dibromoethane  
 Concen: 103.59 ug/l  
 RT: 8.59 min Scan# 2306  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

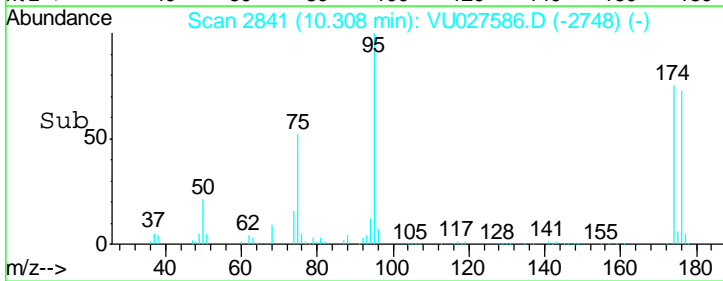
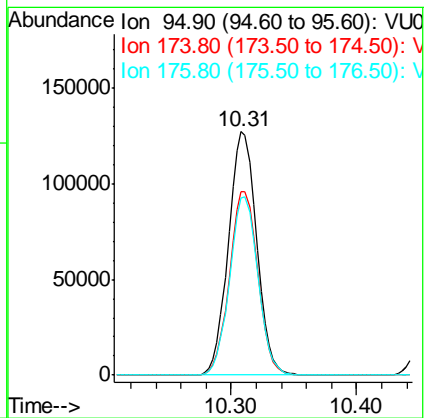
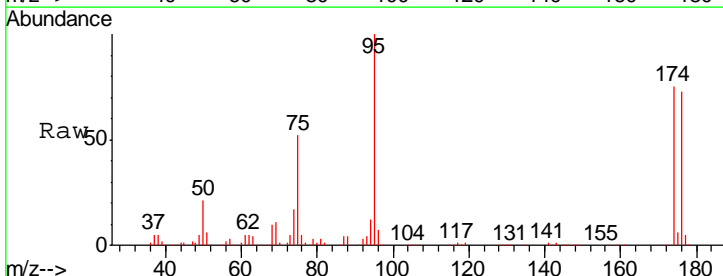
Tgt Ion	Resp	Lower	Upper
107	162012		
109	93.8	74.5	111.7

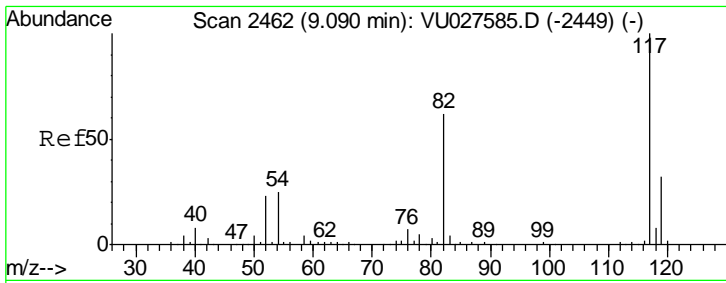
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#62  
 4-Bromofluorobenzene  
 Concen: 110.33 ug/l  
 RT: 10.31 min Scan# 2841  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
95	199073		
174	75.7	0.0	147.8
176	73.5	0.0	140.8





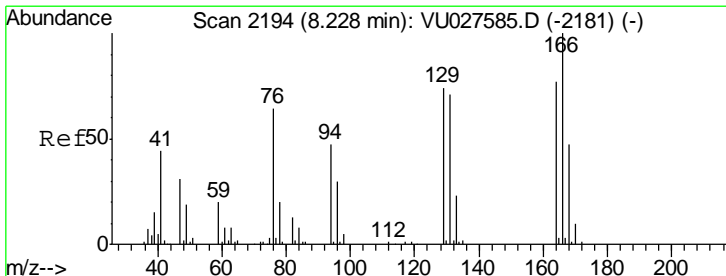
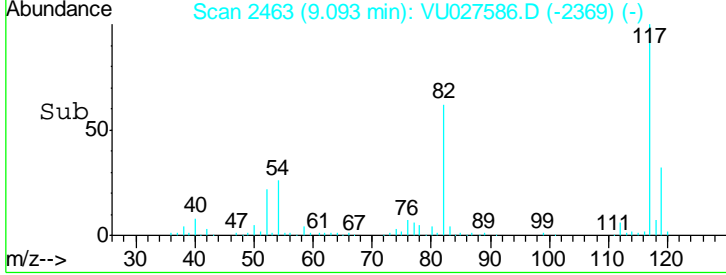
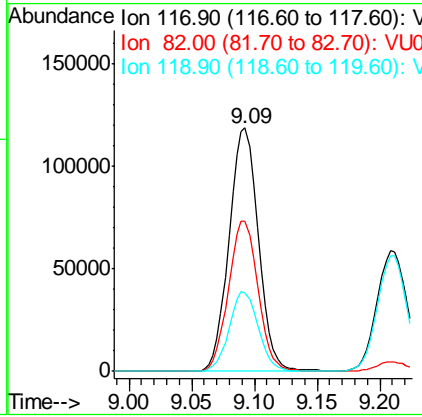
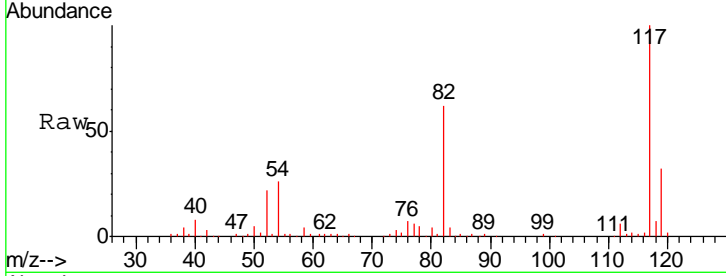
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.09 min Scan# 2463  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC100

Tgt Ion	Resp	Lower	Upper
117	193391		
82	61.6	49.2	73.8
119	32.4	25.7	38.5

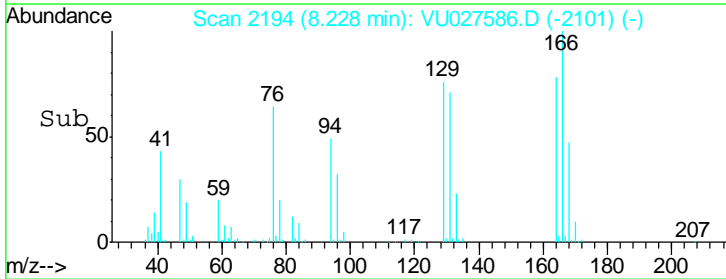
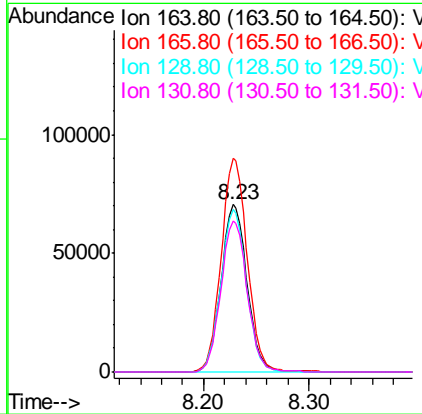
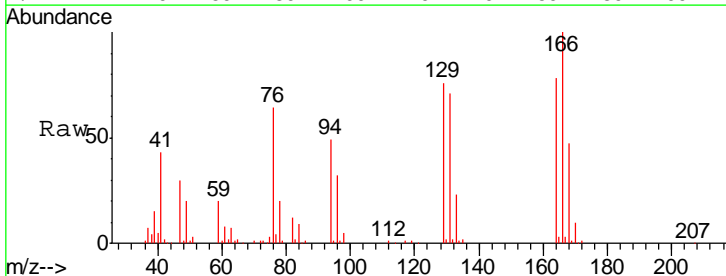
Manual Integrations  
 APPROVED

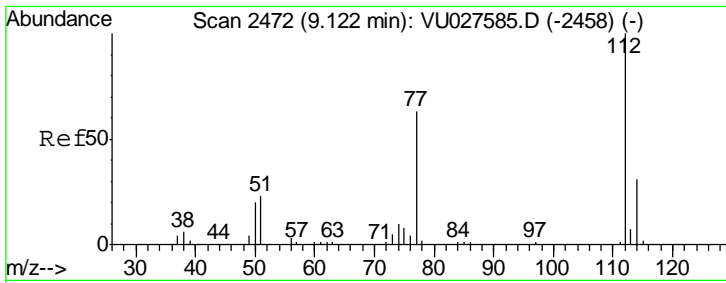
MMDadoda  
 10/16/2018 2:22:53 PM



#64  
 Tetrachloroethene  
 Concen: 100.17 ug/l  
 RT: 8.23 min Scan# 2194  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
164	120350		
166	127.8	101.0	151.6
129	97.6	78.0	117.0
131	90.2	72.6	109.0



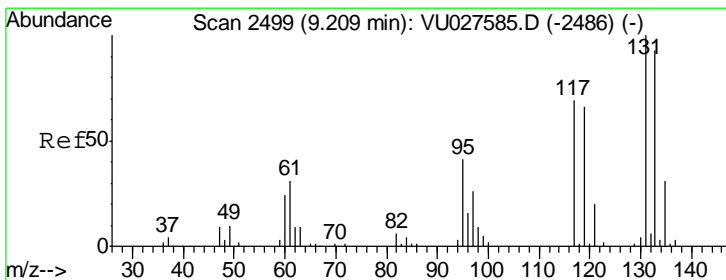
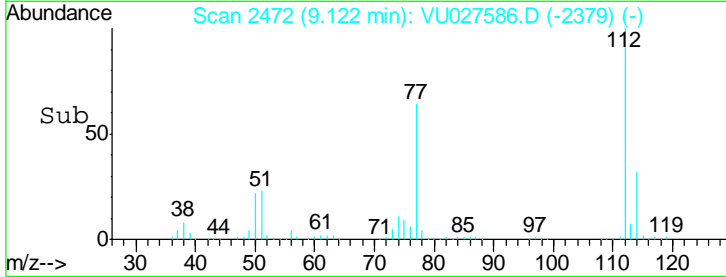
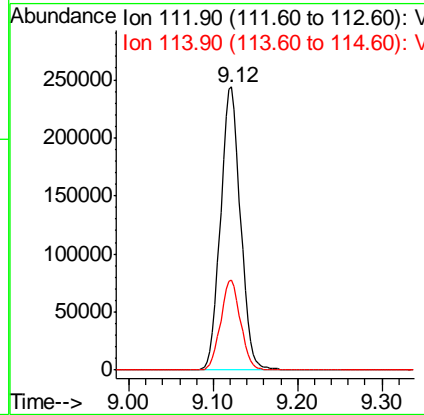
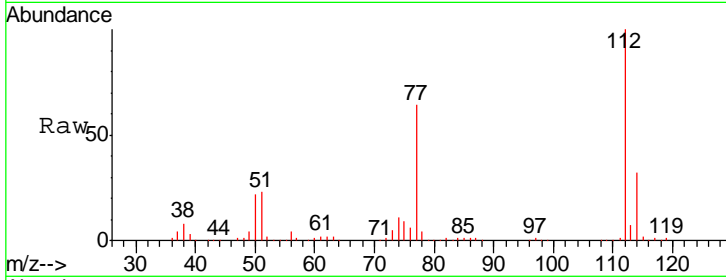


#65  
 Chlorobenzene  
 Concen: 100.09 ug/l  
 RT: 9.12 min Scan# 2472  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

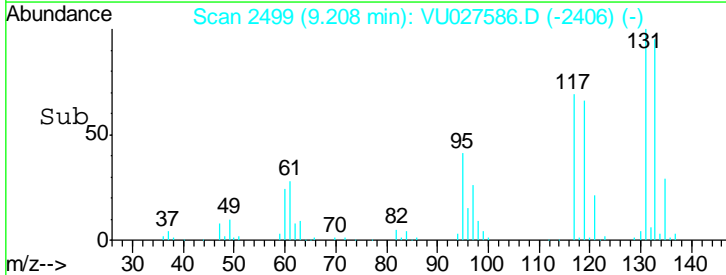
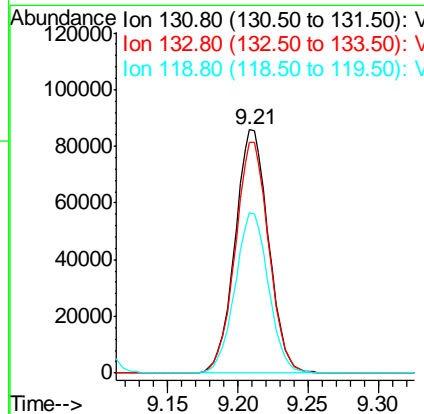
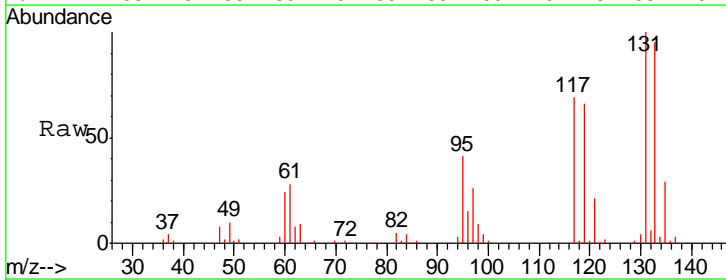
Tgt Ion	Resp	Lower	Upper
112	100		
114	31.9	25.8	38.6

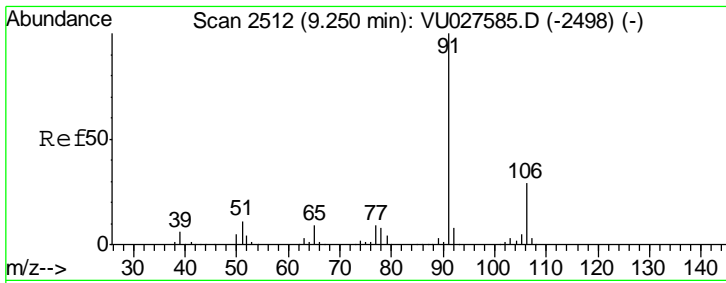
Manual Integrations  
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 MMDadoda  
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 106.91 ug/l  
 RT: 9.21 min Scan# 2499  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
131	100		
133	94.8	48.5	145.6
119	65.8	33.5	100.4



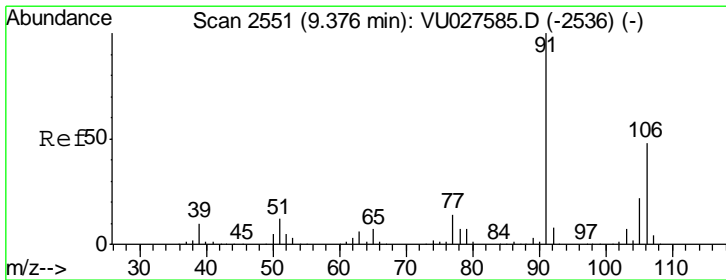
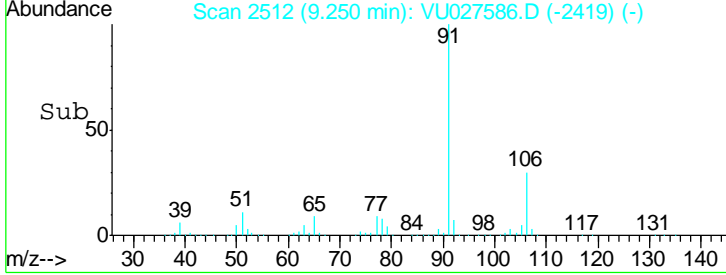
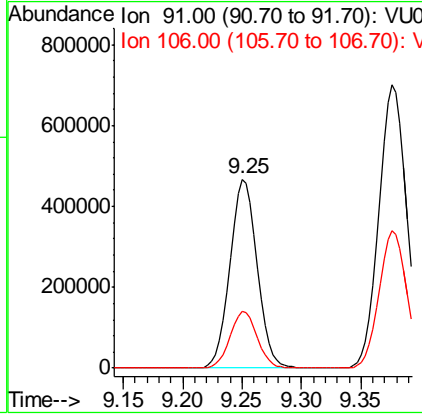
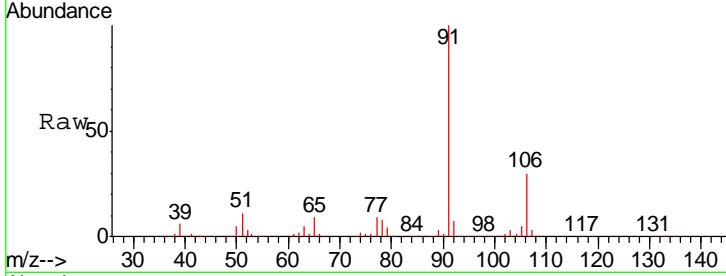


#67  
 Ethyl Benzene  
 Concen: 111.97 ug/l  
 RT: 9.25 min Scan# 2512  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

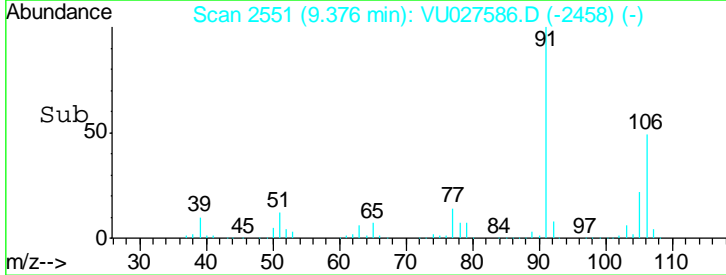
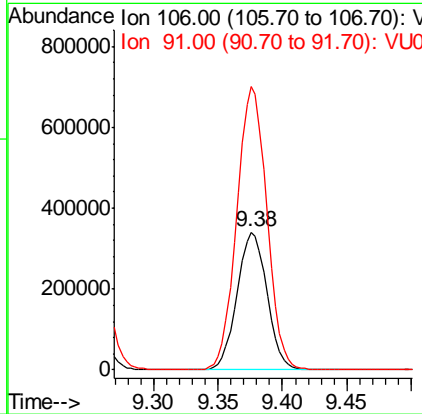
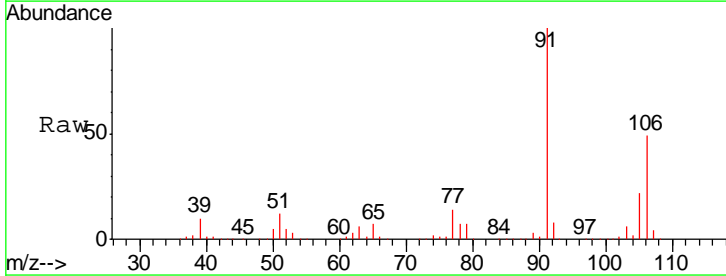
Tgt Ion: 91 Resp: 740829  
 Ion Ratio Lower Upper  
 91 100  
 106 29.8 23.6 35.4

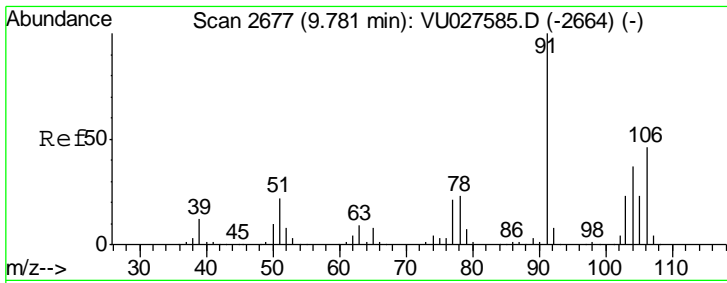
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#68  
 m/p-Xylenes  
 Concen: 228.65 ug/l  
 RT: 9.38 min Scan# 2551  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 106 Resp: 547773  
 Ion Ratio Lower Upper  
 106 100  
 91 207.6 168.1 252.1



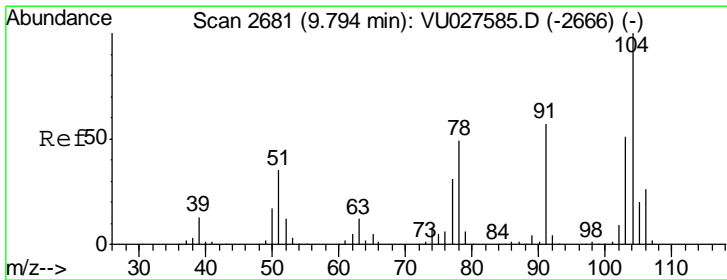
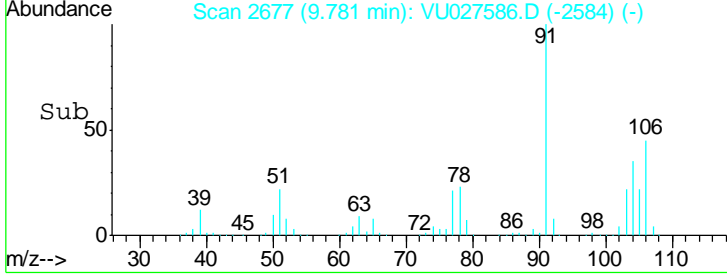
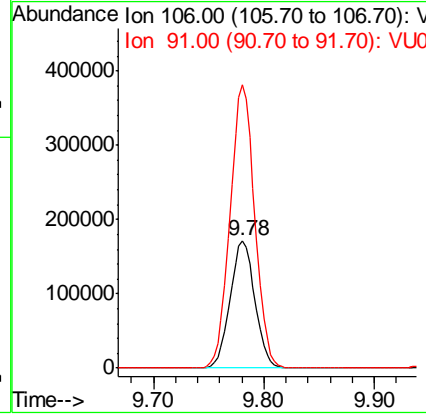
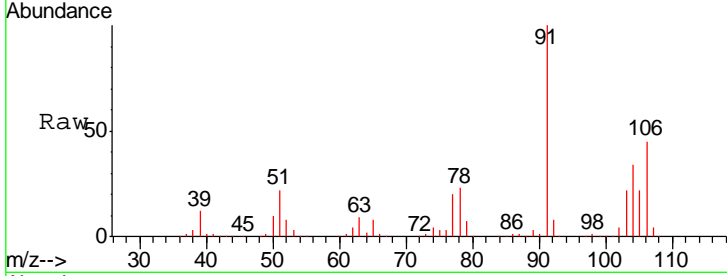


#69  
 o-Xylene  
 Concen: 114.66 ug/l  
 RT: 9.78 min Scan# 2677  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDICC100

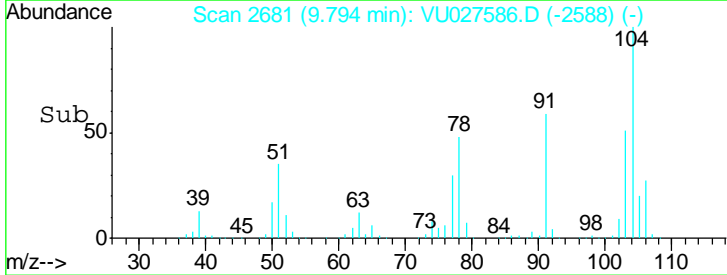
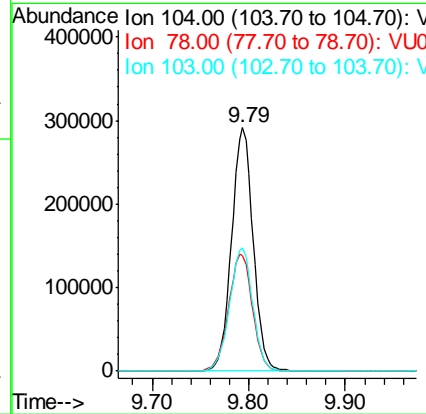
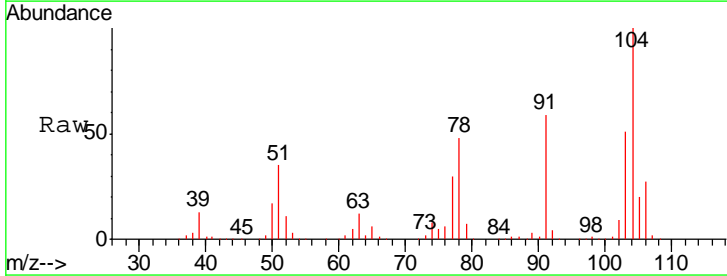
Tgt Ion:106 Resp: 266411  
 Ion Ratio Lower Upper  
 106 100  
 91 221.6 111.7 334.9

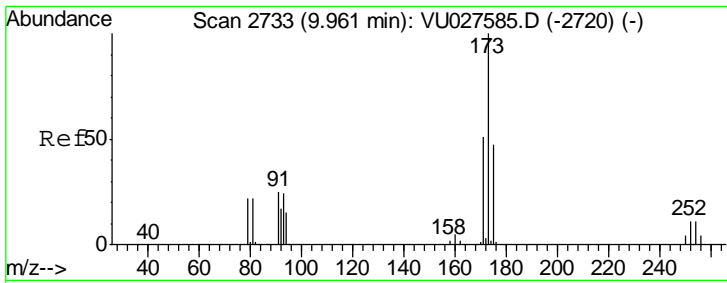
Manual Integrations  
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 MMDadoda  
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#70  
 Styrene  
 Concen: 120.62 ug/l  
 RT: 9.79 min Scan# 2681  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

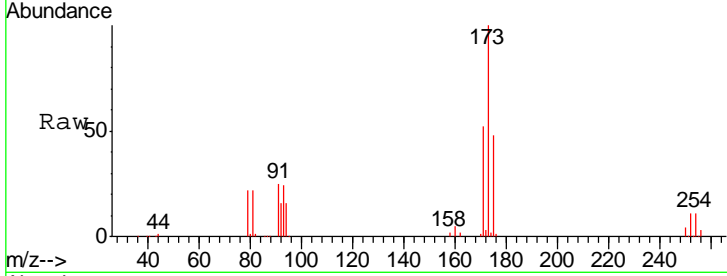
Tgt Ion:104 Resp: 450942  
 Ion Ratio Lower Upper  
 104 100  
 78 53.2 42.9 64.3  
 103 54.3 43.9 65.9





#71  
 Bromoform  
 Concen: 115.17 ug/l  
 RT: 9.96 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

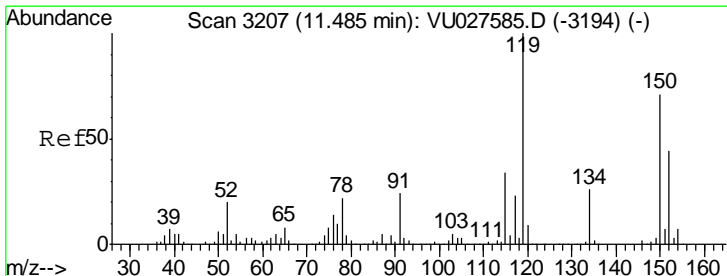
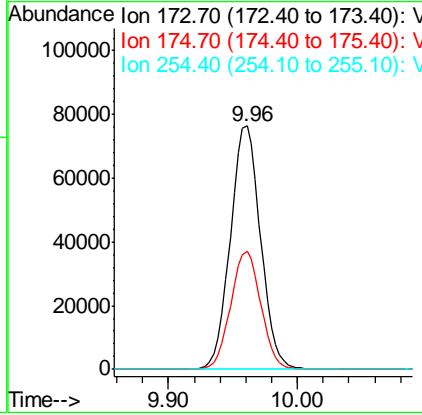
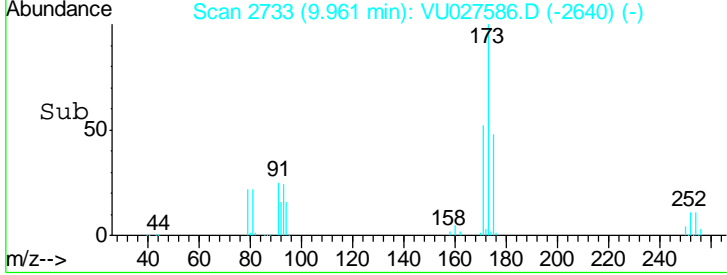
**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 VSTDIC100



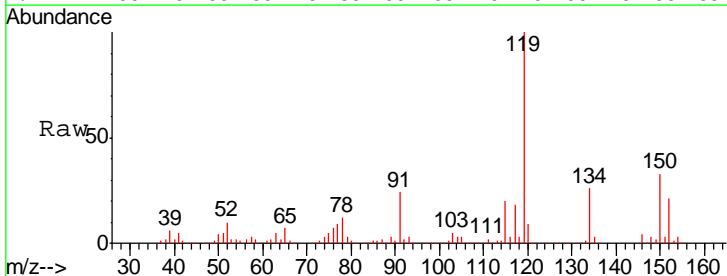
Tgt Ion	Resp	Lower	Upper
173	123820		
175	48.5	24.3	73.0
254	0.1	0.0	0.0#

**Manual Integrations**  
**APPROVED**

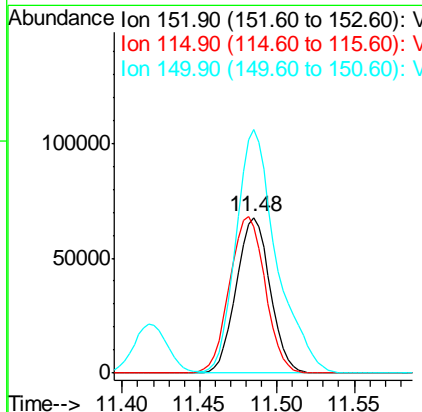
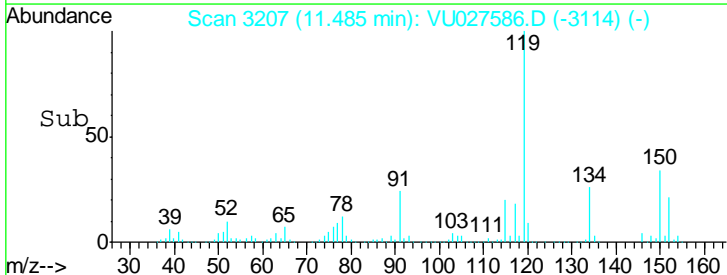
MMDadoda  
 10/16/2018 2:22:53 PM



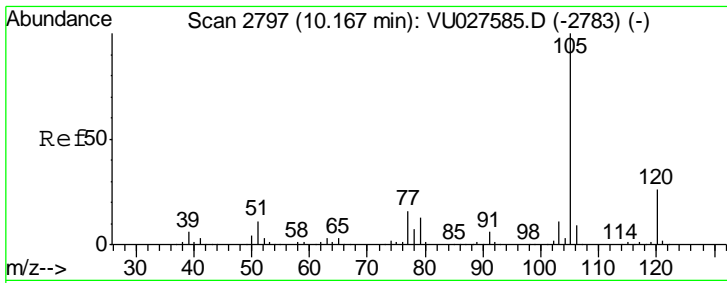
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.48 min Scan# 3207  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55



Tgt Ion	Resp	Lower	Upper
152	102759		
115	105.7	43.4	130.2
150	187.5	0.0	349.2





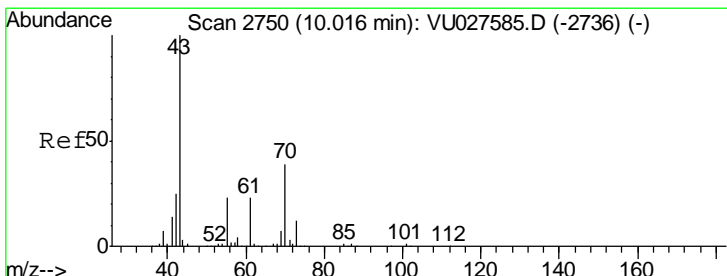
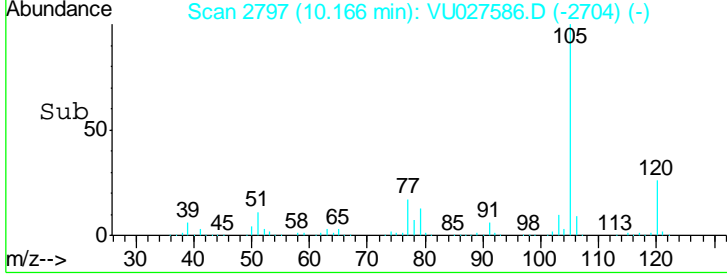
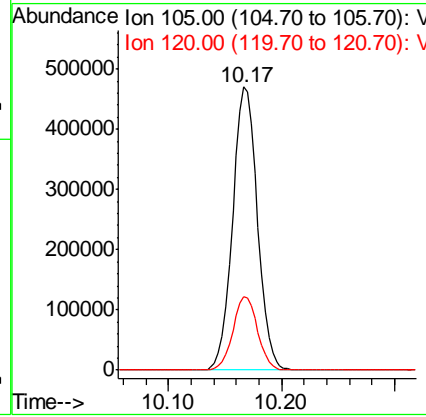
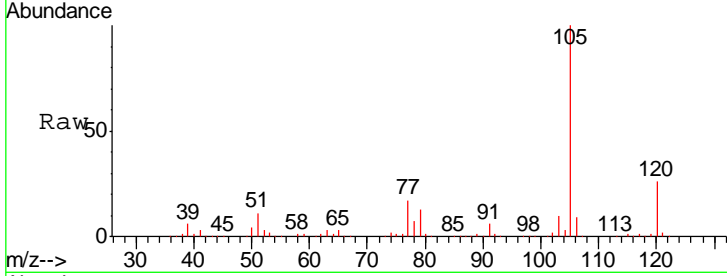


#73  
 Isopropylbenzene  
 Concen: 105.40 ug/l  
 RT: 10.17 min Scan# 2797  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

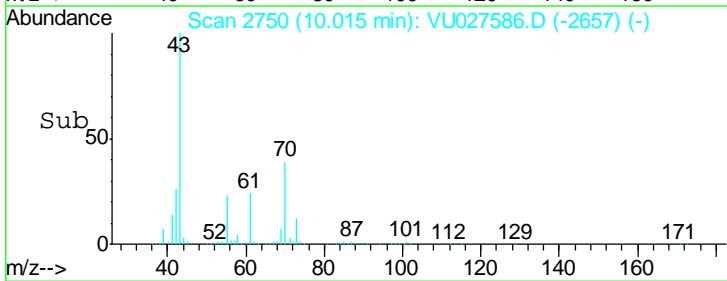
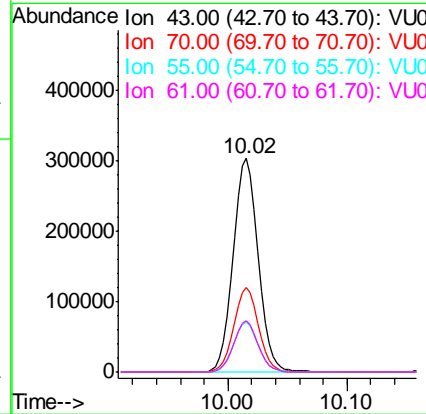
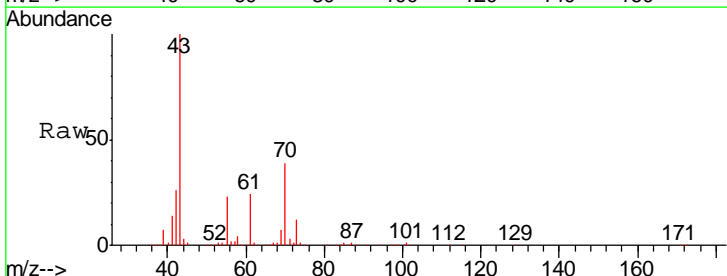
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.9	12.6	37.8

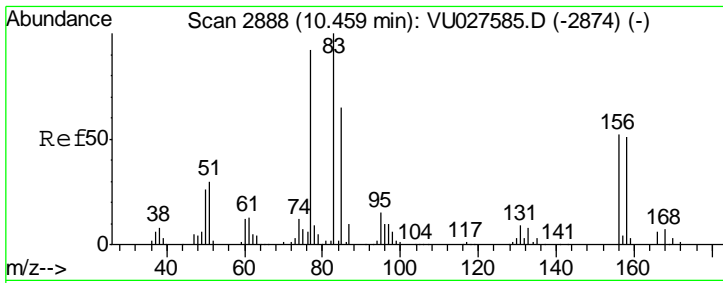
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#74  
 N-nyl acetate  
 Concen: 113.50 ug/l  
 RT: 10.02 min Scan# 2750  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
43	100		
70	38.9	31.3	46.9
55	23.3	19.0	28.6
61	23.4	18.5	27.7



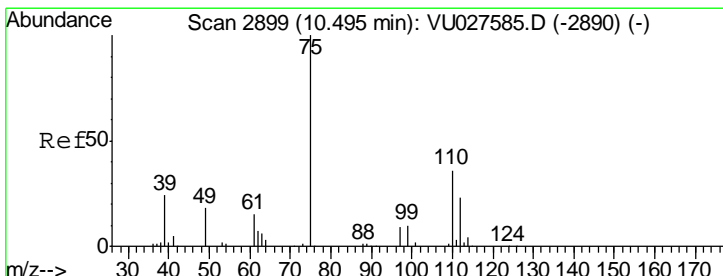
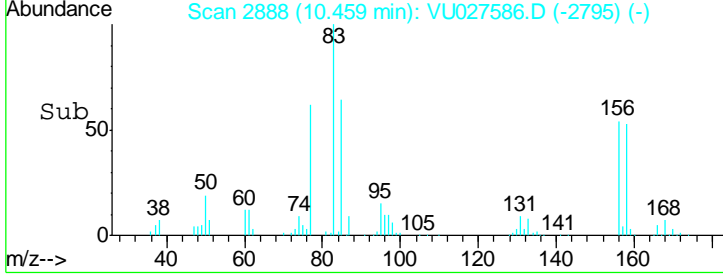
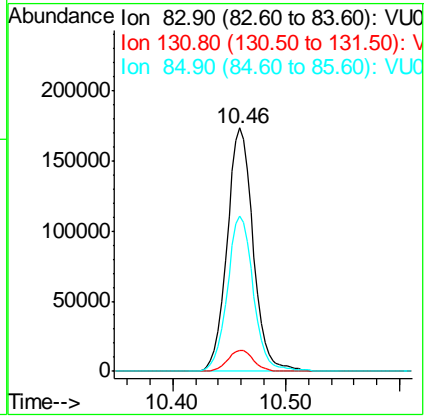
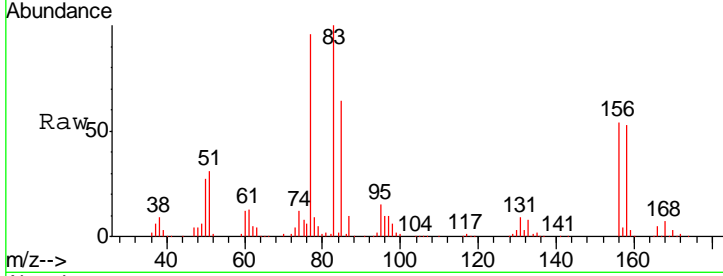


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 90.18 ug/l  
 RT: 10.46 min Scan# 2888  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

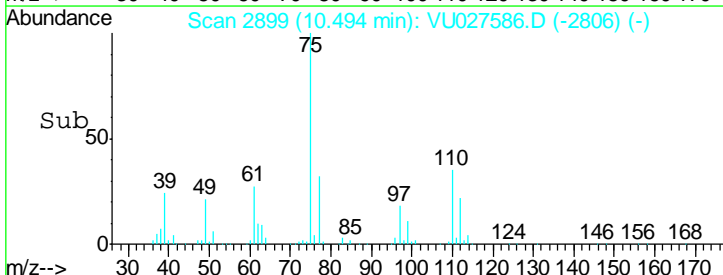
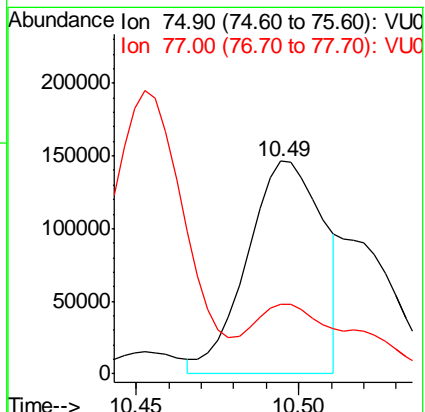
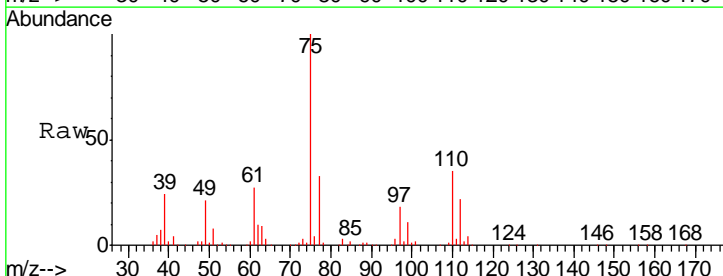
Tgt Ion	Resp	Lower	Upper
83	277557		
131	8.6	4.4	13.2
85	63.8	32.0	96.0

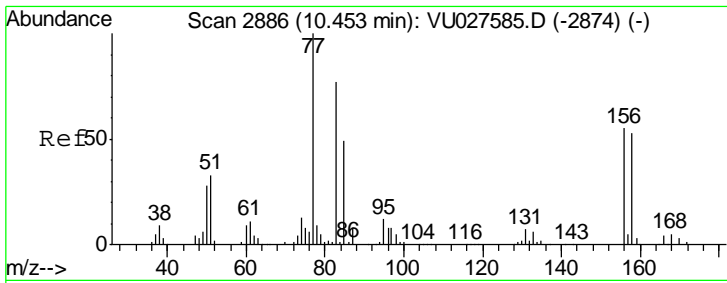
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 79.93 ug/l m  
 RT: 10.49 min Scan# 2899  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
75	237937		
77	44.1	20.3	60.9





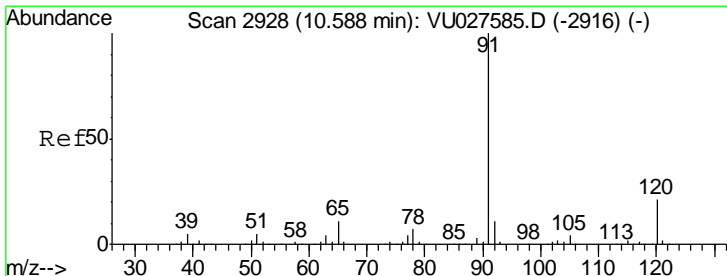
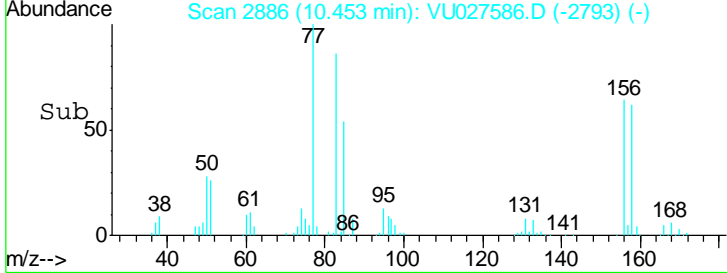
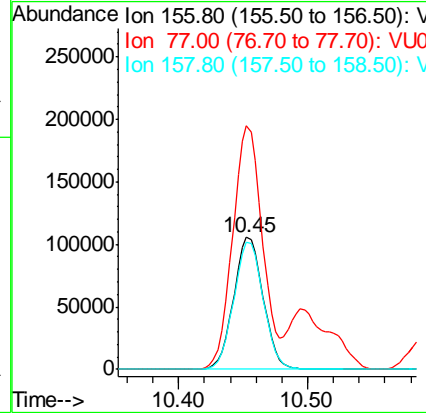
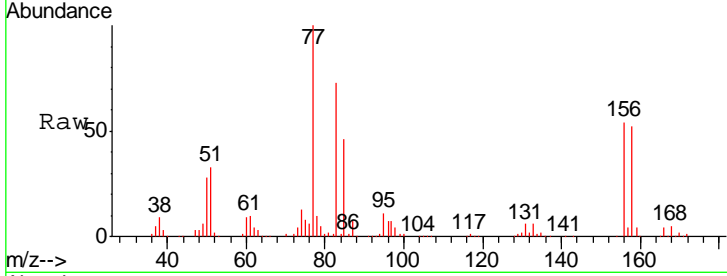
#77  
 Bromobenzene  
 Concen: 98.49 ug/l  
 RT: 10.45 min Scan# 2886  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

Tgt Ion	Resp	Lower	Upper
156	167302		
77	185.5	94.8	284.4
158	96.8	47.4	142.3

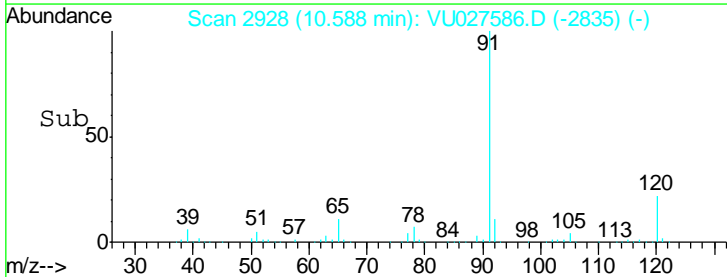
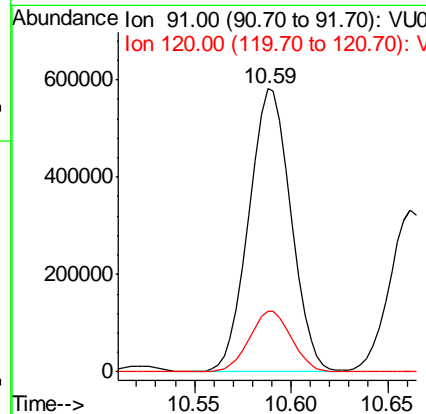
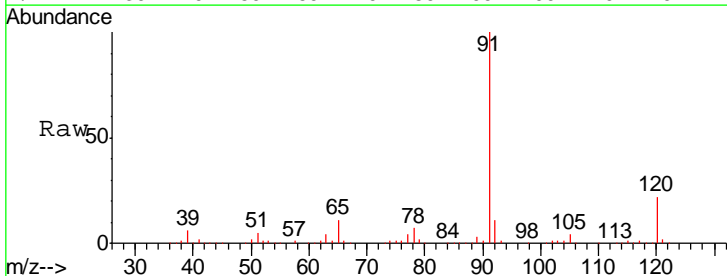
Manual Integrations  
 APPROVED

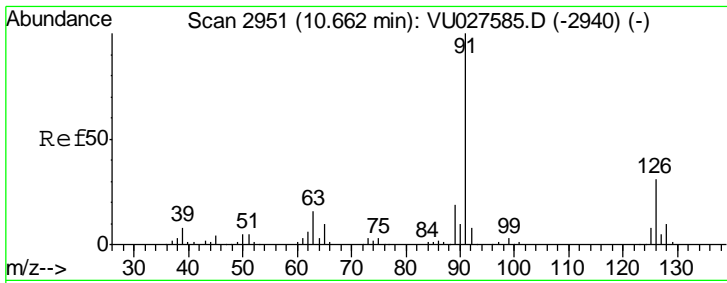
MMDadoda  
 10/16/2018 2:22:53 PM



#78  
 n-propylbenzene  
 Concen: 107.51 ug/l  
 RT: 10.59 min Scan# 2928  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
91	880778		
120	21.5	10.6	31.8



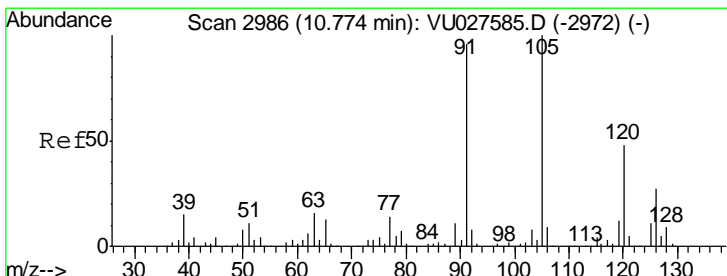
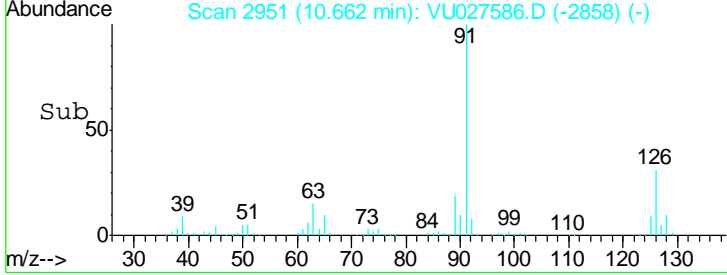
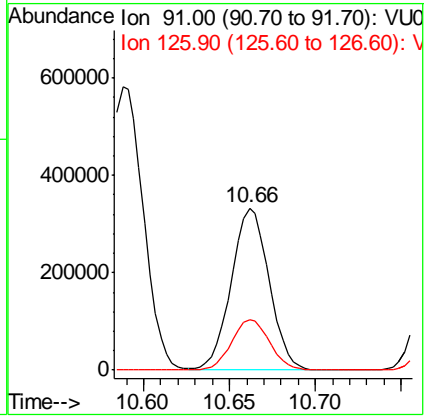
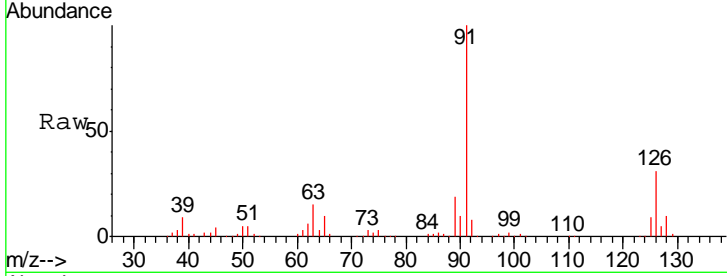


#79  
 2-Chlorotoluene  
 Concen: 98.49 ug/l  
 RT: 10.66 min Scan# 2951  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDICC100

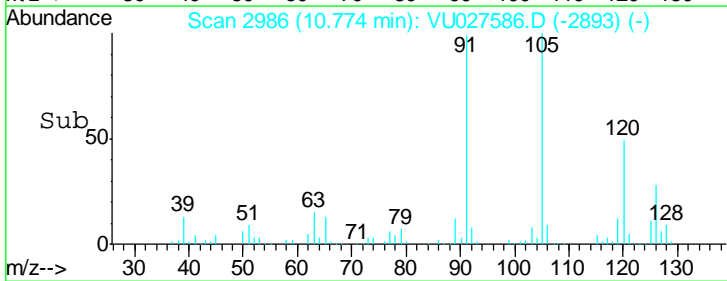
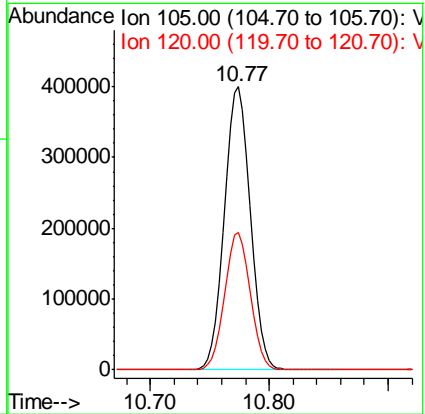
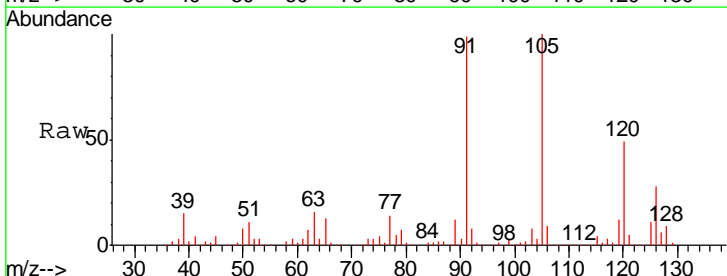
Tgt Ion: 91 Resp: 509579  
 Ion Ratio Lower Upper  
 91 100  
 126 31.4 15.7 47.1

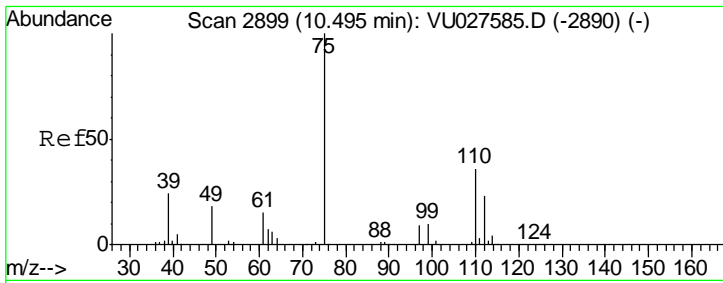
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 109.29 ug/l  
 RT: 10.77 min Scan# 2986  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 105 Resp: 604917  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 24.1 72.4



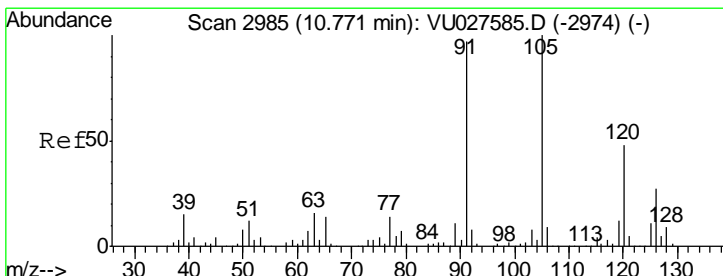
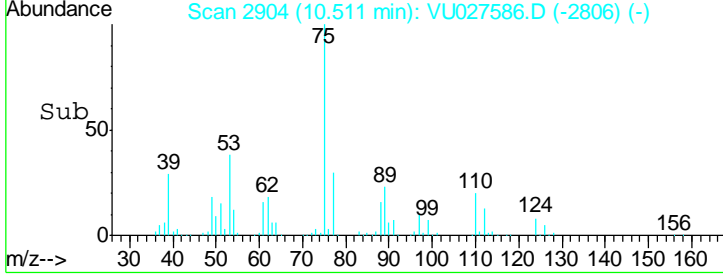
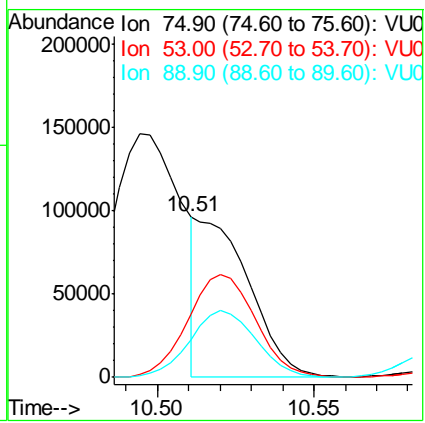
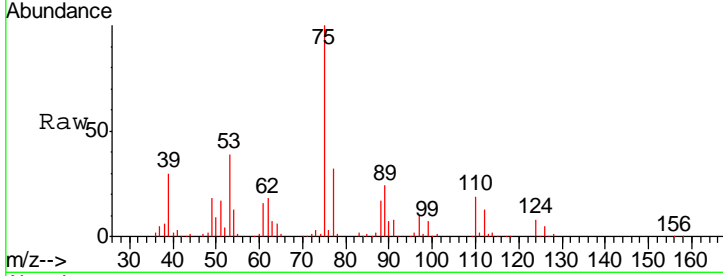


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 45.04 ug/l m  
 RT: 10.51 min Scan# 2904  
 Delta R.T. 0.02 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

**Instrument :**  
 MSVOA\_U  
**Client Sampled :**  
 VSTDIC100

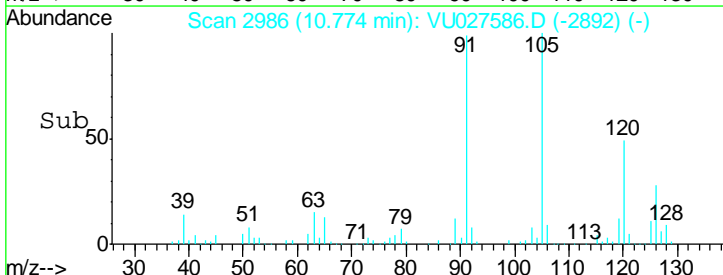
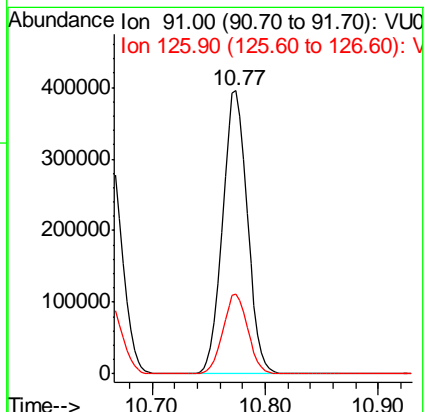
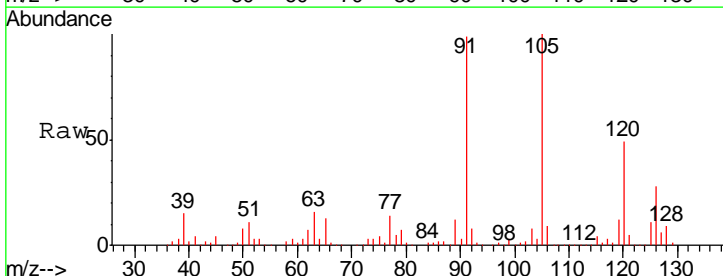
Tgt Ion	Resp	Lower	Upper
75	111005		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

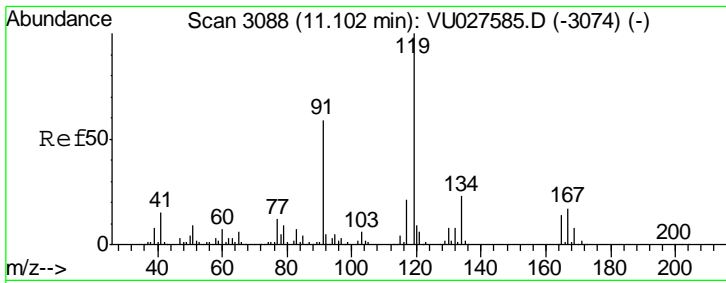
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/16/2018 2:22:53 PM



#82  
 4-Chlorotoluene  
 Concen: 107.27 ug/l  
 RT: 10.77 min Scan# 2986  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
91	601828		
126	28.2	13.6	40.8





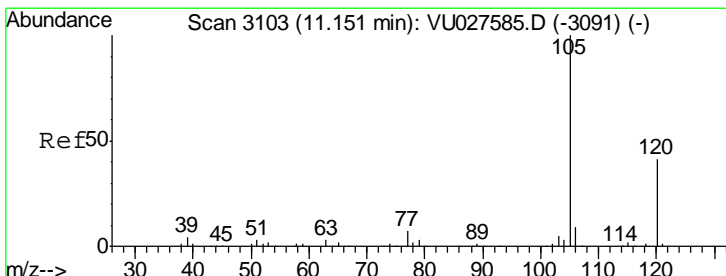
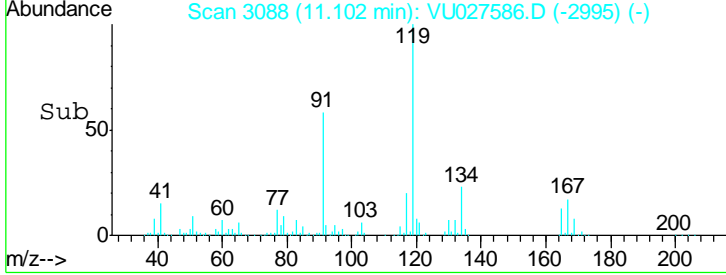
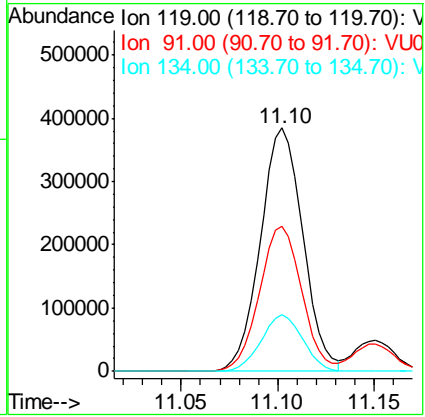
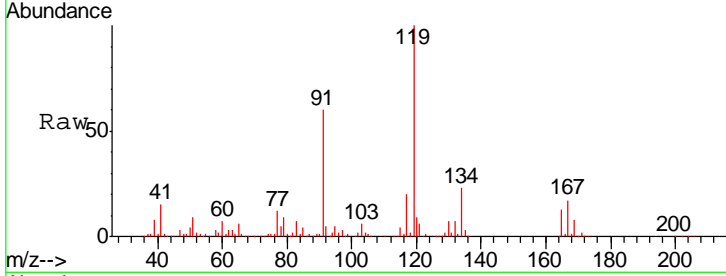
#83  
 tert-Butylbenzene  
 Concen: 106.34 ug/l  
 RT: 11.10 min Scan# 3088  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
119	586914		
91	59.4	30.3	91.0
134	22.8	11.5	34.4

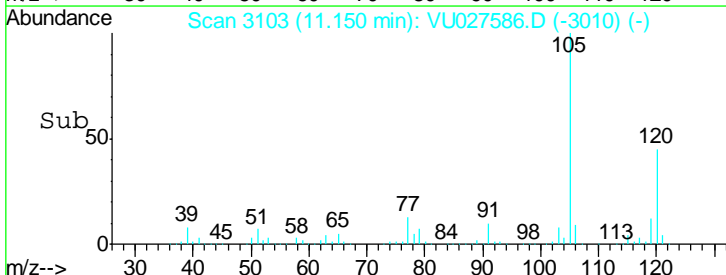
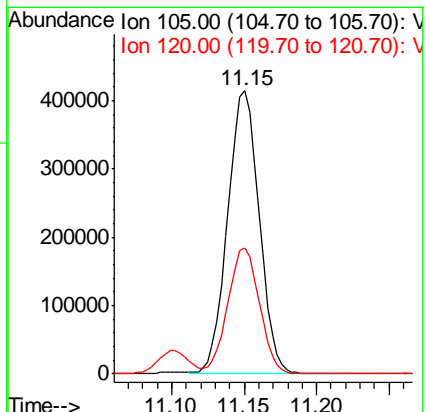
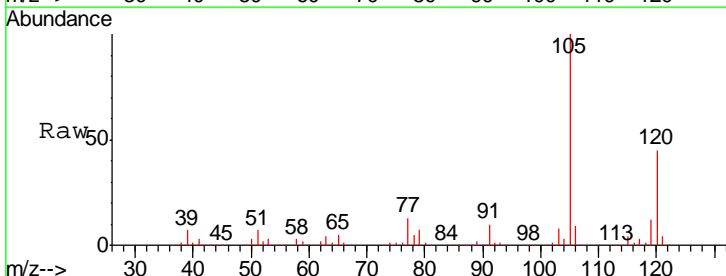
Manual Integrations  
 APPROVED

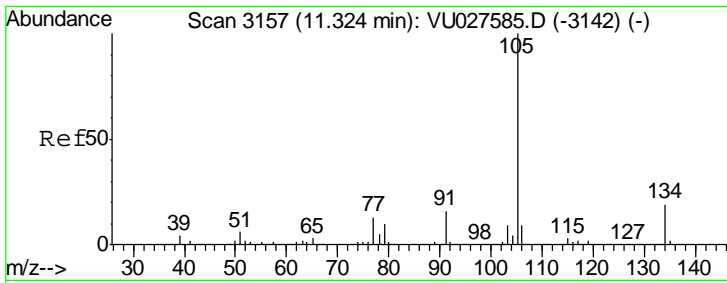
MMDadoda  
 10/16/2018 2:22:53 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 112.77 ug/l  
 RT: 11.15 min Scan# 3103  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
105	624179		
120	44.8	22.1	66.5





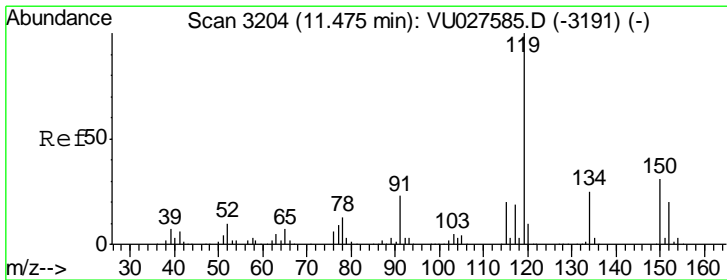
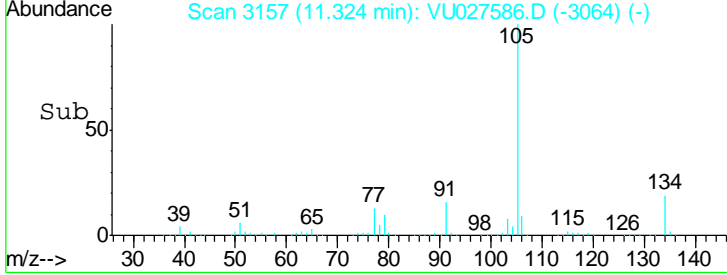
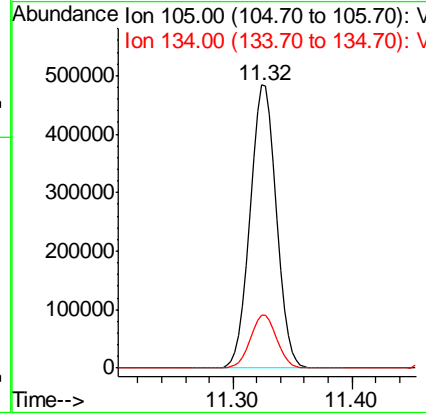
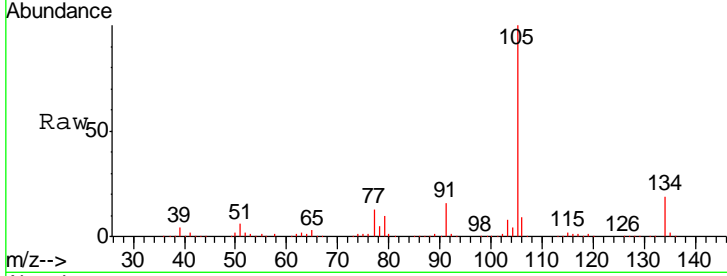
#85  
 sec-Butylbenzene  
 Concen: 112.83 ug/l  
 RT: 11.32 min Scan# 3157  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
105	100		
134	18.9	9.6	28.6

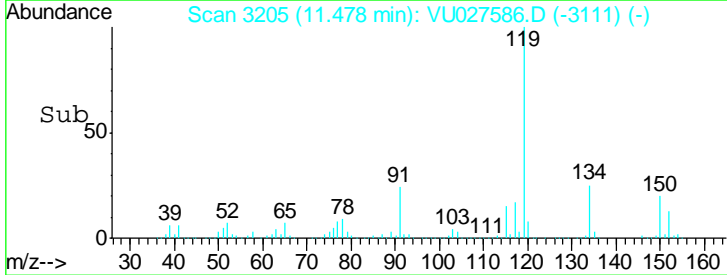
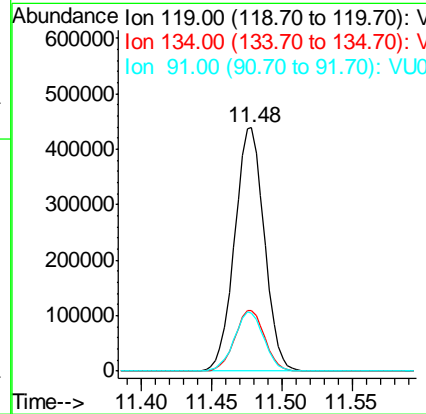
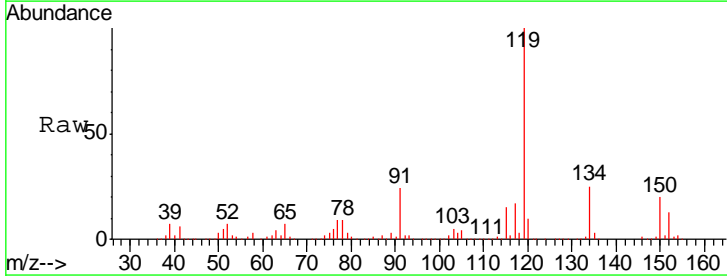
Manual Integrations  
 APPROVED

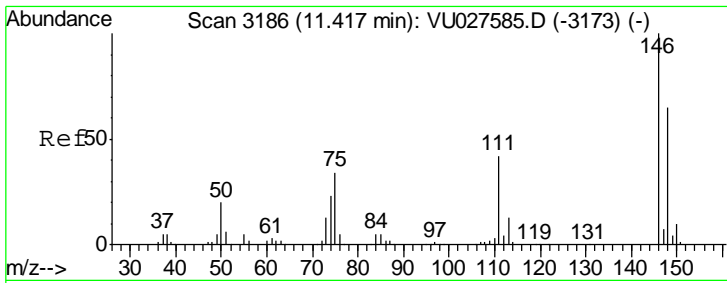
MMDadoda  
 10/16/2018 2:22:53 PM



#86  
 p-Isopropyltoluene  
 Concen: 114.47 ug/l  
 RT: 11.48 min Scan# 3205  
 Delta R.T. 0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
119	100		
134	25.2	12.7	38.1
91	24.3	12.2	36.4



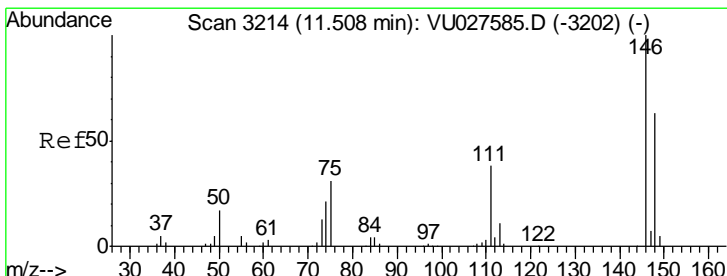
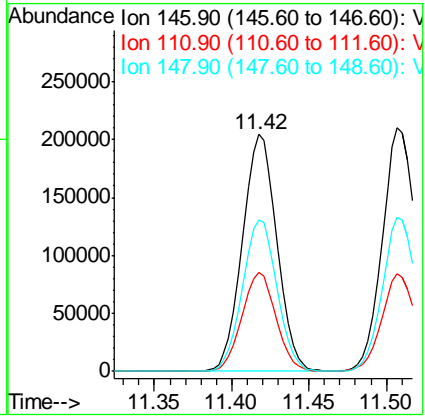
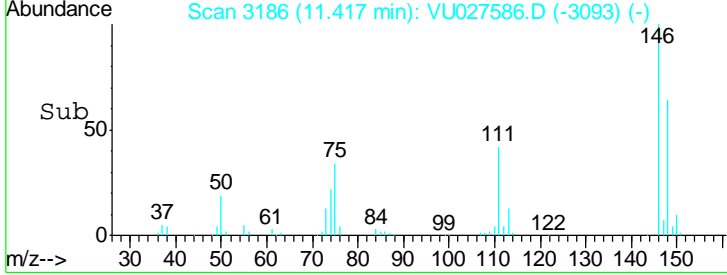
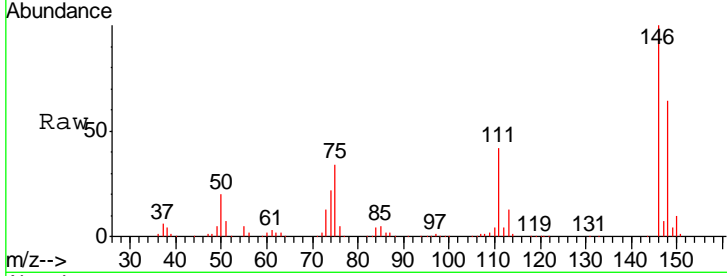


#87  
 1,3-Dichlorobenzene  
 Concen: 101.50 ug/l  
 RT: 11.42 min Scan# 3186  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

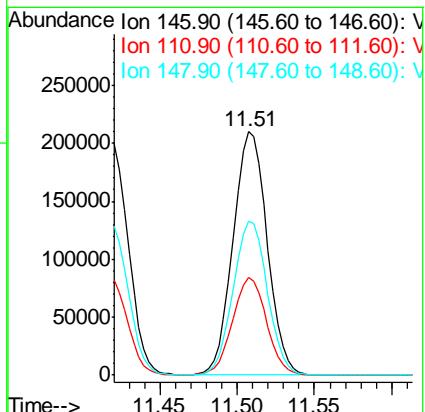
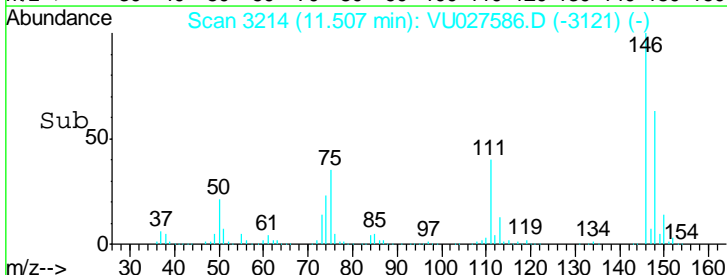
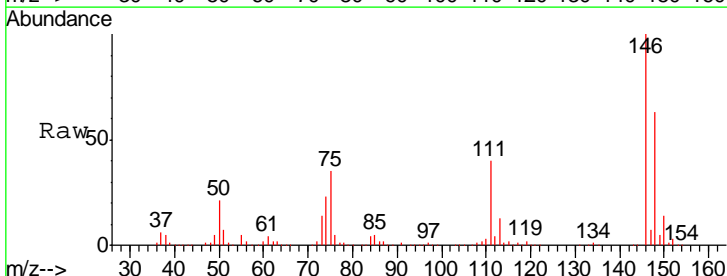
Tgt Ion	Resp	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	64.2	31.6	94.8

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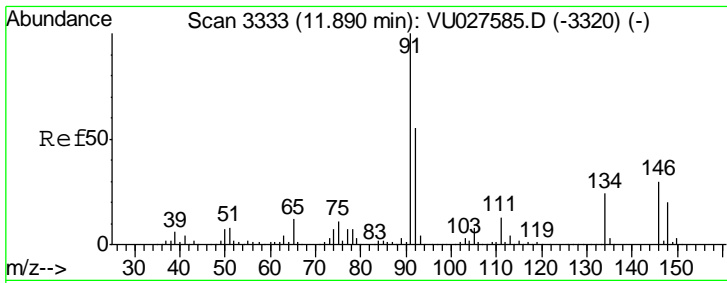


#88  
 1,4-Dichlorobenzene  
 Concen: 94.87 ug/l  
 RT: 11.51 min Scan# 3214  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
146	100		
111	40.4	20.4	61.2
148	63.6	31.9	95.5







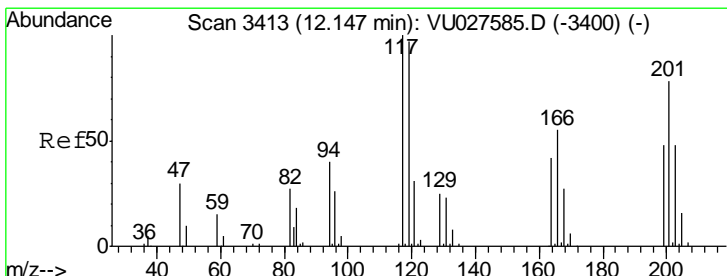
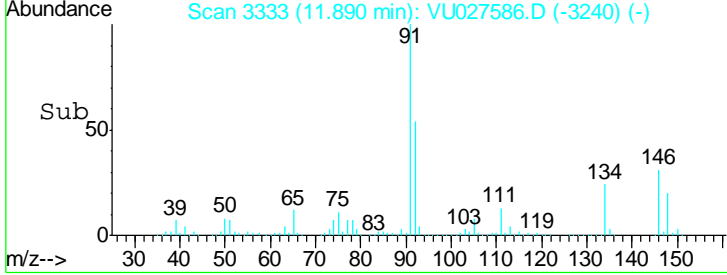
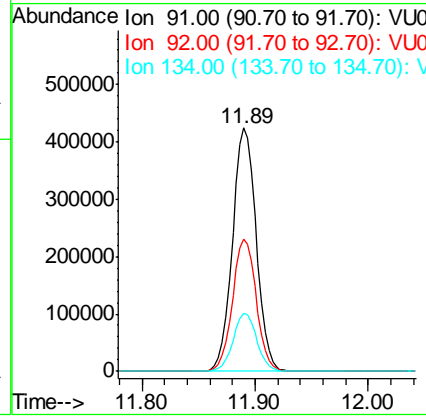
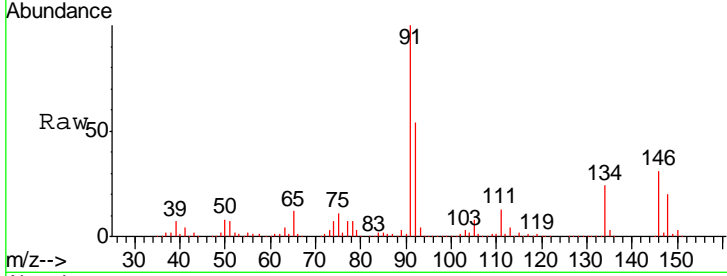
#89  
 n-Butylbenzene  
 Concen: 123.38 ug/l  
 RT: 11.89 min Scan# 3333  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion: 91 Resp: 618876

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	81.0
134	23.7	11.7	35.1

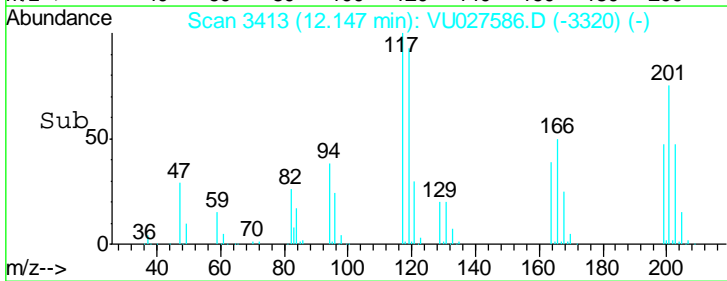
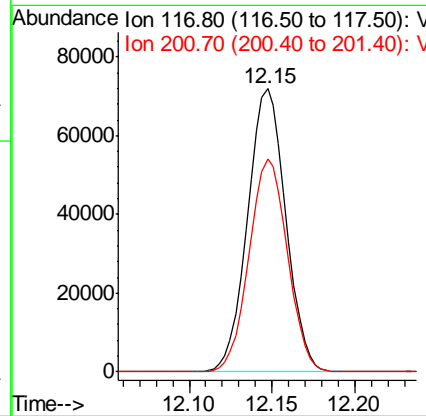
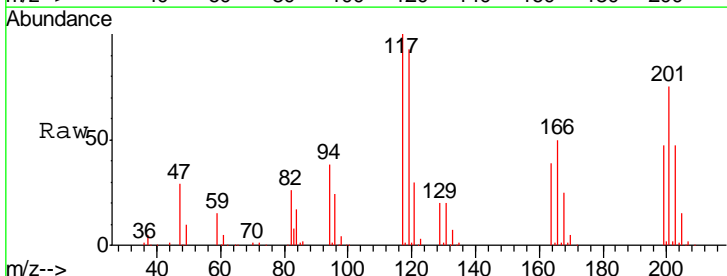
Manual Integrations  
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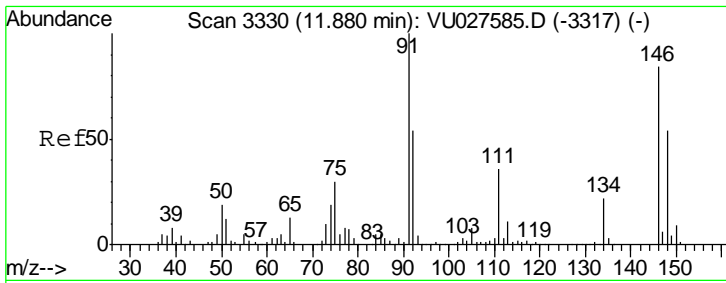


#90  
 Hexachloroethane  
 Concen: 102.11 ug/l  
 RT: 12.15 min Scan# 3413  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion: 117 Resp: 115109

Ion	Ratio	Lower	Upper
117	100		
201	75.6	37.9	113.6





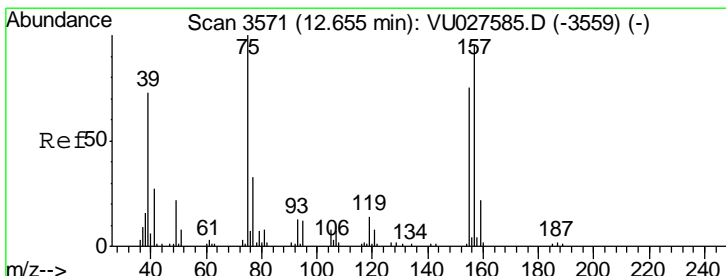
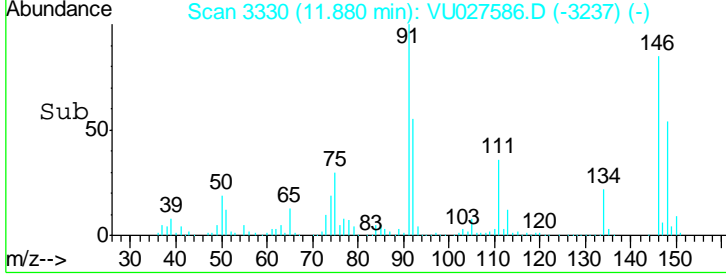
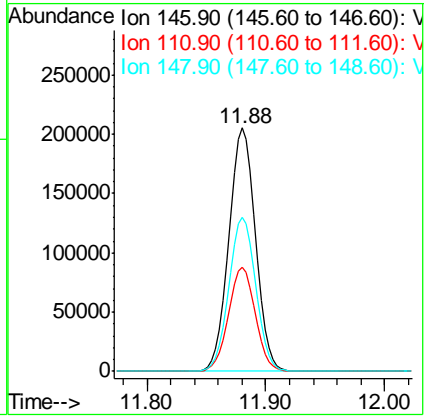
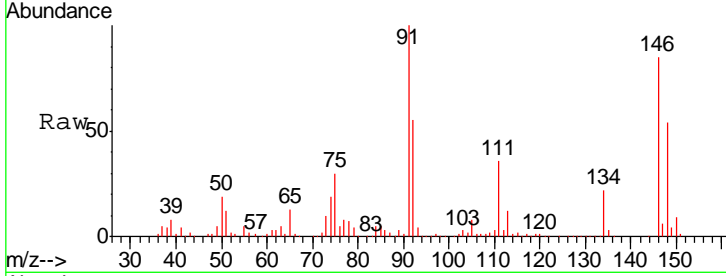
#91  
 1,2-Dichlorobenzene  
 Concen: 100.86 ug/l  
 RT: 11.88 min Scan# 3330  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC100

Tgt Ion	Resp	Lower	Upper
146	100		
111	42.8	21.8	65.4
148	63.8	31.9	95.5

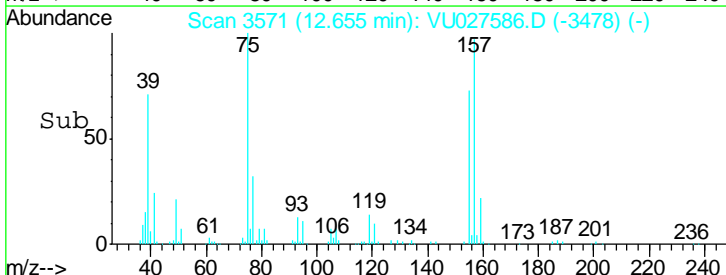
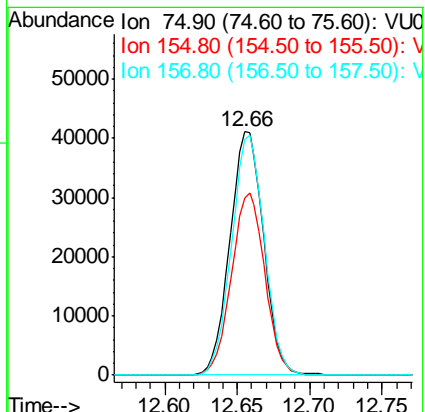
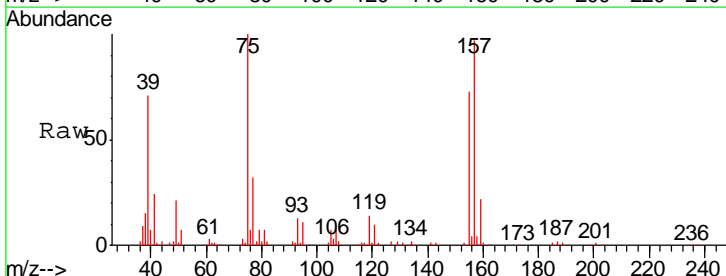
Manual Integrations  
 APPROVED

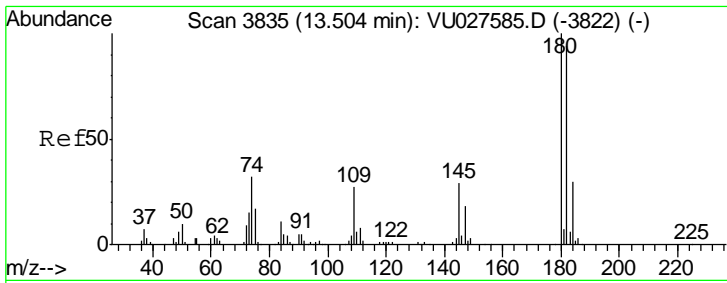
MMDadoda  
 10/16/2018 2:22:53 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 103.59 ug/l  
 RT: 12.66 min Scan# 3571  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
75	100		
155	73.9	35.9	107.8
157	95.6	46.9	140.6





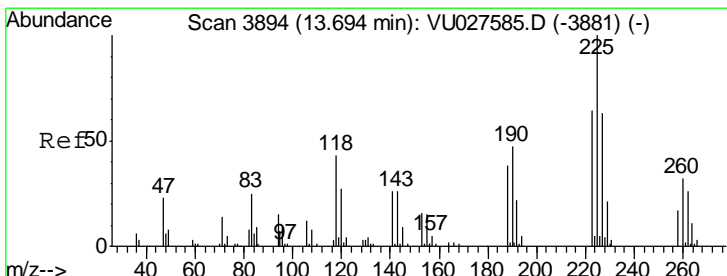
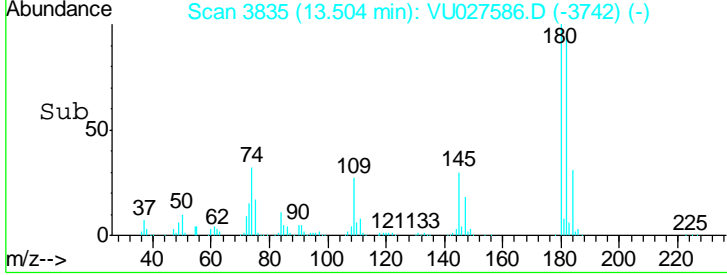
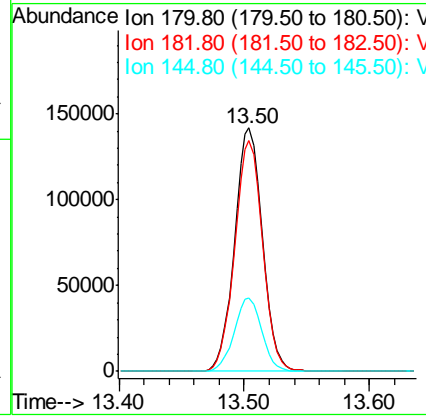
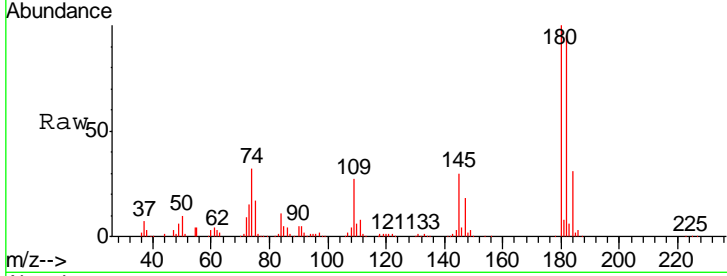
#93  
 1,2,4-Trichlorobenzene  
 Concen: 125.28 ug/l  
 RT: 13.50 min Scan# 3835  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
180	217790		
182	94.9	47.4	142.3
145	29.9	14.6	44.0

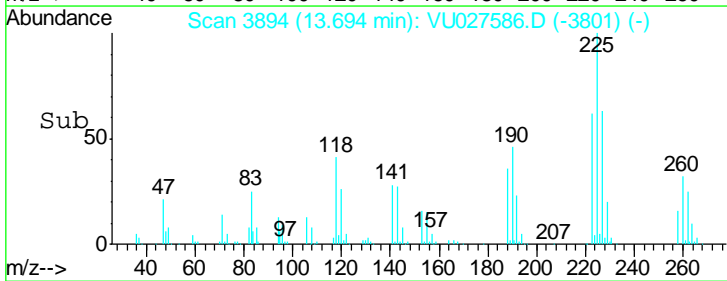
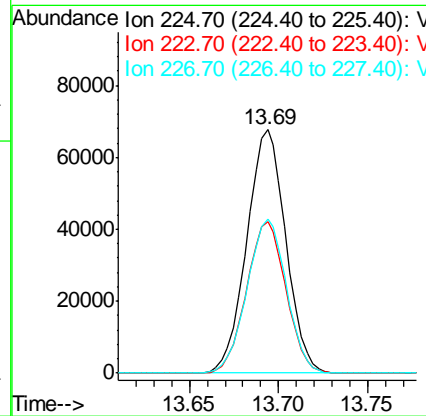
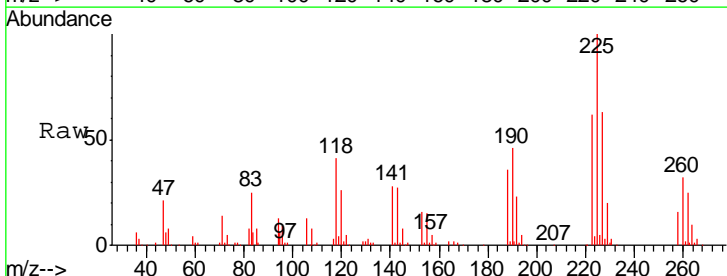
Manual Integrations  
 APPROVED

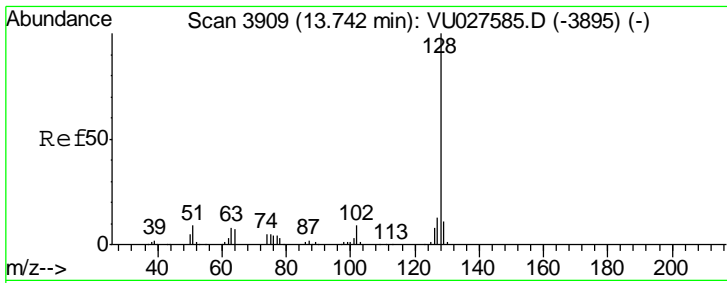
MMDadoda  
 10/16/2018 2:22:53 PM



#94  
 Hexachlorobutadiene  
 Concen: 102.90 ug/l  
 RT: 13.69 min Scan# 3894  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
225	103484		
223	62.8	31.8	95.3
227	64.0	31.9	95.7





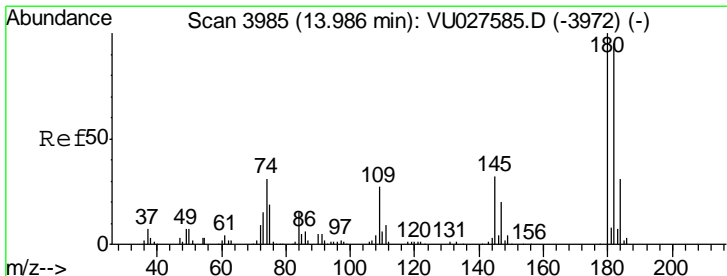
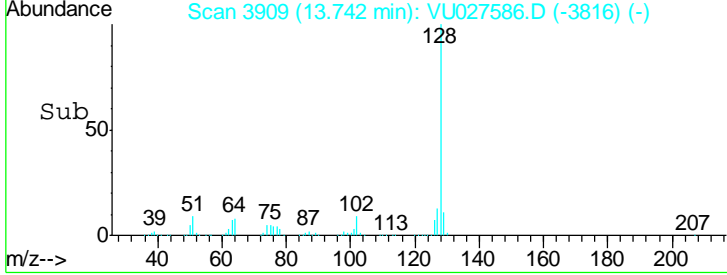
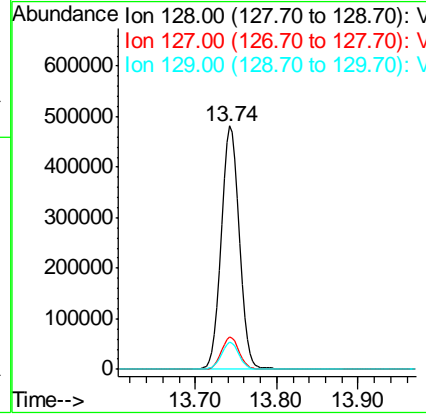
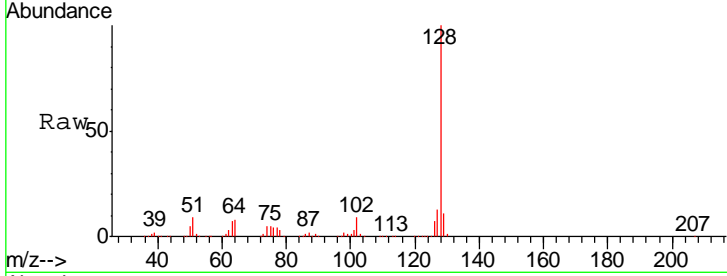
#95  
 Naphthalene  
 Concen: 132.35 ug/l  
 RT: 13.74 min Scan# 3909  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Instrument : MSVOA\_U  
 ClientSampled : VSTDIC100

Tgt Ion	Resp	Lower	Upper
128	762916		
127	13.2	10.5	15.7
129	10.8	8.6	12.8

Manual Integrations  
 APPROVED

MMDadoda  
 10/16/2018 2:22:53 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 111.72 ug/l  
 RT: 13.99 min Scan# 3985  
 Delta R.T. -0.00 min  
 Lab File: VU027586.D  
 Acq: 11 Oct 2018 09:55

Tgt Ion	Resp	Lower	Upper
180	224085		
182	95.5	47.4	142.2
145	31.3	15.9	47.7

